

## Appendix B NR Band n77a

### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 Test Result

##### 1.1.1 30\_S\_10M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 10MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3705            | Edge_1RB_Left   | 25.68                | /    | /   | 19.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.74                | /    | /   | 19.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.24                | /    | /   | 20.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.22                | /    | /   | 20.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.30                | /    | /   | 20.50     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.36                | /    | /   | 20.56     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.53                | /    | /   | 19.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.52                | /    | /   | 19.72     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.14                | /    | /   | 20.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.98                | /    | /   | 20.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.13                | /    | /   | 20.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.07                | /    | /   | 20.27     | /    | /   | <=30  | Pass    |
|                                     | 3975            | Edge_1RB_Left   | 25.67                | /    | /   | 19.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.76                | /    | /   | 19.96     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.37                | /    | /   | 20.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.17                | /    | /   | 20.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.38                | /    | /   | 20.58     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.36                | /    | /   | 20.57     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3705            | Edge_1RB_Left   | 25.73                | /    | /   | 19.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.68                | /    | /   | 19.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.23                | /    | /   | 20.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.18                | /    | /   | 20.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.30                | /    | /   | 20.50     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.36                | /    | /   | 20.56     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.52                | /    | /   | 19.72     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.56                | /    | /   | 19.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.99                | /    | /   | 20.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.96                | /    | /   | 20.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.10                | /    | /   | 20.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.15                | /    | /   | 20.35     | /    | /   | <=30  | Pass    |
|                                     | 3975            | Edge_1RB_Left   | 25.66                | /    | /   | 19.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.75                | /    | /   | 19.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.28                | /    | /   | 20.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.23                | /    | /   | 20.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.33                | /    | /   | 20.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.41                | /    | /   | 20.61     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3705            | Edge_1RB_Left   | 25.83                | /    | /   | 20.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.77                | /    | /   | 19.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.17                | /    | /   | 20.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.11                | /    | /   | 20.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.20                | /    | /   | 20.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.25                | /    | /   | 20.45     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.58                | /    | /   | 19.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.62                | /    | /   | 19.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.92                | /    | /   | 20.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.93                | /    | /   | 20.13     | /    | /   | <=30  | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Inner_1RB_Left  | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3705 | Edge_1RB_Left   | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.12 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.41 | / | / | 19.61 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.53 | / | / | 19.73 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.22 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3705 | Edge_1RB_Left   | 24.57 | / | / | 18.77 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.51 | / | / | 18.71 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.70 | / | / | 18.90 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.56 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.61 | / | / | 18.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.64 | / | / | 18.84 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 24.39 | / | / | 18.59 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.41 | / | / | 18.61 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.54 | / | / | 18.74 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.48 | / | / | 18.68 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.42 | / | / | 18.62 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.45 | / | / | 18.65 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 24.47 | / | / | 18.67 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.52 | / | / | 18.72 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.71 | / | / | 18.92 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.78 | / | / | 18.98 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.57 | / | / | 18.77 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.66 | / | / | 18.86 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3705 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.62 | / | / | 19.82 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    | 3975 | Edge_1RB_Left   | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.51 | / | / | 20.71 | / | / | <=30 | Pass |



Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 16 QAM  | 3705 | Edge_1RB_Left   | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.55 | / | / | 20.75 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.79 | / | / | 19.99 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                 | 3975 | Edge_1RB_Left   | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.62 | / | / | 20.82 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3705 | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 25.43 | / | / | 19.63 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.52 | / | / | 19.72 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.56 | / | / | 19.76 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.55 | / | / | 19.75 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.49 | / | / | 19.69 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                 | 3975 | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.69 | / | / | 19.89 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.81 | / | / | 20.01 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3705 | Edge_1RB_Left   | 19.48 | / | / | 13.68 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 19.45 | / | / | 13.65 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 19.73 | / | / | 13.93 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 19.68 | / | / | 13.88 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 19.42 | / | / | 13.62 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 19.49 | / | / | 13.69 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.24 | / | / | 16.44 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.30 | / | / | 16.50 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.58 | / | / | 16.78 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.54 | / | / | 16.74 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.41 | / | / | 16.61 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.37 | / | / | 16.57 | / | / | <=30 | Pass |
|                 | 3975 | Edge_1RB_Left   | 22.43 | / | / | 16.63 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.54 | / | / | 16.74 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.88 | / | / | 17.08 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.78 | / | / | 16.98 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.58 | / | / | 16.78 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.69 | / | / | 16.89 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.2 30\_S\_20M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 20MHz NTN |                 |               |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|---------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |               | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |

### Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                      |         |                 |       |   |   |       |   |   |      |      |
|----------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM PI/2 BPSK | 3710.01 | Edge_1RB_Left   | 25.55 | / | / | 19.75 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.56 | / | / | 19.76 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.46 | / | / | 20.66 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                      | 3840    | Edge_1RB_Left   | 25.38 | / | / | 19.58 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.29 | / | / | 19.49 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.14 | / | / | 20.35 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                      | 3969.99 | Edge_1RB_Left   | 25.57 | / | / | 19.77 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.48 | / | / | 19.68 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK      | 3710.01 | Edge_1RB_Left   | 25.59 | / | / | 19.79 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.49 | / | / | 19.69 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.14 | / | / | 20.35 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                      | 3840    | Edge_1RB_Left   | 25.36 | / | / | 19.56 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.27 | / | / | 19.47 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                      | 3969.99 | Edge_1RB_Left   | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.56 | / | / | 19.76 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM    | 3710.01 | Edge_1RB_Left   | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.57 | / | / | 19.77 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                      | 3840    | Edge_1RB_Left   | 25.42 | / | / | 19.62 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.34 | / | / | 19.54 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 25.89 | / | / | 20.09 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                      | 3969.99 | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM    | 3710.01 | Edge_1RB_Left   | 25.54 | / | / | 19.74 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                      |         | Outer_Full      | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                      |         | Inner_Full      | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Left  | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                      |         | Inner_1RB_Right | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                      | 3840    | Edge_1RB_Left   | 25.31 | / | / | 19.51 | / | / | <=30 | Pass |
|                      |         | Edge_1RB_Right  | 25.26 | / | / | 19.46 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 25.60 | / | / | 19.80 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3710.01 | Edge_1RB_Left   | 24.39 | / | / | 18.59 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.33 | / | / | 18.53 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.66 | / | / | 18.86 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.70 | / | / | 18.90 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.39 | / | / | 18.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.30 | / | / | 18.50 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 24.18 | / | / | 18.38 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.12 | / | / | 18.32 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.50 | / | / | 18.70 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.46 | / | / | 18.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.19 | / | / | 18.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.12 | / | / | 18.32 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 24.40 | / | / | 18.60 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.35 | / | / | 18.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.63 | / | / | 18.83 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.60 | / | / | 18.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.50 | / | / | 18.70 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.38 | / | / | 18.58 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3710.01 | Edge_1RB_Left   | 25.72 | / | / | 19.92 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.42 | / | / | 19.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.36 | / | / | 19.56 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.34 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.50 | / | / | 20.70 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3710.01 | Edge_1RB_Left   | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.63 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.42 | / | / | 19.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.45 | / | / | 19.65 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.94 | / | / | 20.14 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |

|                                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|--------------------------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                                  |         | Inner_1RB_Left  | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM                                                                                   | 3710.01 | Edge_1RB_Left   | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                                                                                                  | 3840    | Edge_1RB_Left   | 25.48 | / | / | 19.68 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 25.39 | / | / | 19.59 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 25.49 | / | / | 19.69 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 25.51 | / | / | 19.71 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 25.50 | / | / | 19.70 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 25.45 | / | / | 19.65 | / | / | <=30 | Pass |
|                                                                                                  | 3969.99 | Edge_1RB_Left   | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 25.49 | / | / | 19.69 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                                  | 3710.01 | Edge_1RB_Left   | 22.33 | / | / | 16.53 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 22.37 | / | / | 16.57 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 22.70 | / | / | 16.90 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 22.73 | / | / | 16.93 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 22.35 | / | / | 16.55 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 22.36 | / | / | 16.56 | / | / | <=30 | Pass |
|                                                                                                  | 3840    | Edge_1RB_Left   | 22.23 | / | / | 16.43 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 22.08 | / | / | 16.28 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 22.61 | / | / | 16.81 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 22.43 | / | / | 16.63 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 22.25 | / | / | 16.45 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 22.23 | / | / | 16.43 | / | / | <=30 | Pass |
|                                                                                                  | 3969.99 | Edge_1RB_Left   | 22.36 | / | / | 16.56 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 22.30 | / | / | 16.50 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 22.76 | / | / | 16.96 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 22.67 | / | / | 16.87 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 22.36 | / | / | 16.56 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 22.36 | / | / | 16.56 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.3 30\_S\_30M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 30MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3715.02         | Edge_1RB_Left   | 25.72                | /    | /   | 19.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.81                | /    | /   | 20.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.42                | /    | /   | 20.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.50                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.31                | /    | /   | 20.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.39                | /    | /   | 20.60     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.58                | /    | /   | 19.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.47                | /    | /   | 19.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.19                | /    | /   | 20.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.27                | /    | /   | 20.47     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.21                | /    | /   | 20.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.11                | /    | /   | 20.31     | /    | /   | <=30  | Pass    |
|                                     | 3964.98         | Edge_1RB_Left   | 25.84                | /    | /   | 20.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.37                | /    | /   | 20.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.46                | /    | /   | 20.66     | /    | /   | <=30  | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM QPSK    |         | Inner_1RB_Left  | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.22 | / | / | 20.42 | / | / | <=30 | Pass |
|                    | 3715.02 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.55 | / | / | 19.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.45 | / | / | 19.65 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.12 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    | 3964.98 | Edge_1RB_Left   | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.63 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.39 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3715.02 | Edge_1RB_Left   | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.55 | / | / | 19.75 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                    | 3964.98 | Edge_1RB_Left   | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3715.02 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.79 | / | / | 19.99 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.57 | / | / | 19.77 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.54 | / | / | 19.74 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
|                    | 3964.98 | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3715.02 | Edge_1RB_Left   | 24.55 | / | / | 18.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.62 | / | / | 18.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.02 | / | / | 19.22 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.67 | / | / | 18.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.65 | / | / | 18.85 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                | 3840    | Edge_1RB_Left   | 24.48 | / | / | 18.68 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 24.39 | / | / | 18.59 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 24.52 | / | / | 18.72 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.54 | / | / | 18.74 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.52 | / | / | 18.72 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.42 | / | / | 18.62 | / | / | <=30 | Pass |
|                | 3964.98 | Edge_1RB_Left   | 24.71 | / | / | 18.91 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 24.58 | / | / | 18.78 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 24.86 | / | / | 19.06 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 24.76 | / | / | 18.96 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 24.74 | / | / | 18.94 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 24.61 | / | / | 18.81 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3715.02 | Edge_1RB_Left   | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 26.39 | / | / | 20.59 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                | 3964.98 | Edge_1RB_Left   | 25.89 | / | / | 20.09 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 26.44 | / | / | 20.64 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3715.02 | Edge_1RB_Left   | 25.94 | / | / | 20.14 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 26.22 | / | / | 20.42 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 25.69 | / | / | 19.89 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                | 3964.98 | Edge_1RB_Left   | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 26.49 | / | / | 20.69 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3715.02 | Edge_1RB_Left   | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                | 3840    | Edge_1RB_Left   | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                | 3964.98 | Edge_1RB_Left   | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 25.72 | / | / | 19.92 | / | / | <=30 | Pass |
|                |         |                 |       |   |   |       |   |   |      |      |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 256 QAM |         | Outer_Full      | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                 | 3715.02 | Edge_1RB_Left   | 22.64 | / | / | 16.84 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.65 | / | / | 16.85 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.88 | / | / | 17.08 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.84 | / | / | 17.04 | / | / | <=30 | Pass |
|                 | 3840    | Inner_1RB_Left  | 22.70 | / | / | 16.90 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.69 | / | / | 16.89 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 22.41 | / | / | 16.61 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.32 | / | / | 16.52 | / | / | <=30 | Pass |
|                 | 3964.98 | Outer_Full      | 22.55 | / | / | 16.75 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.62 | / | / | 16.82 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.47 | / | / | 16.67 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.38 | / | / | 16.58 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 22.62 | / | / | 16.82 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.64 | / | / | 16.84 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.79 | / | / | 16.99 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.75 | / | / | 16.95 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.67 | / | / | 16.87 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.67 | / | / | 16.87 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 30\_S\_40M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 40MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3720            | Edge_1RB_Left   | 25.83                | /    | /   | 20.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.79                | /    | /   | 19.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.50                | /    | /   | 20.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.60                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.38                | /    | /   | 20.58     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.38                | /    | /   | 20.58     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.55                | /    | /   | 19.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.41                | /    | /   | 19.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.10                | /    | /   | 20.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.26                | /    | /   | 20.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.08                | /    | /   | 20.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.01                | /    | /   | 20.21     | /    | /   | <=30  | Pass    |
|                                     | 3960            | Edge_1RB_Left   | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.32                | /    | /   | 20.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.46                | /    | /   | 20.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.28                | /    | /   | 20.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.29                | /    | /   | 20.49     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3720            | Edge_1RB_Left   | 25.84                | /    | /   | 20.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.84                | /    | /   | 20.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.42                | /    | /   | 20.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.46                | /    | /   | 20.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.36                | /    | /   | 20.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.34                | /    | /   | 20.55     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.58                | /    | /   | 19.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.59                | /    | /   | 19.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.10                | /    | /   | 20.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.09                | /    | /   | 20.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.11                | /    | /   | 20.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.13                | /    | /   | 20.33     | /    | /   | <=30  | Pass    |
|                                     | 3960            | Edge_1RB_Left   | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.69                | /    | /   | 19.89     | /    | /   | <=30  | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 16 QAM  |      | Outer_Full      | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    | 3720 | Edge_1RB_Left   | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    | 3840 | Inner_1RB_Left  | 26.47 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 25.63 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                    | 3960 | Outer_Full      | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.12 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3720 | Edge_1RB_Left   | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    | 3840 | Inner_1RB_Left  | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    | 3960 | Outer_Full      | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.51 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3720 | Edge_1RB_Left   | 25.52 | / | / | 19.72 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.56 | / | / | 19.76 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    | 3840 | Inner_1RB_Left  | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                    | 3960 | Outer_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3720 | Edge_1RB_Left   | 24.60 | / | / | 18.80 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.61 | / | / | 18.81 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.89 | / | / | 19.09 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.90 | / | / | 19.10 | / | / | <=30 | Pass |
|                    | 3840 | Inner_1RB_Left  | 24.70 | / | / | 18.90 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.59 | / | / | 18.79 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Left   | 24.26 | / | / | 18.46 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.36 | / | / | 18.56 | / | / | <=30 | Pass |
|                    | 3960 | Outer_Full      | 24.55 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.55 | / | / | 18.75 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.27 | / | / | 18.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.27 | / | / | 18.47 | / | / | <=30 | Pass |
|                    | 3720 | Edge_1RB_Left   | 24.63 | / | / | 18.83 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.52 | / | / | 18.72 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.77 | / | / | 18.97 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.82 | / | / | 19.02 | / | / | <=30 | Pass |
|                    | 3960 | Inner_1RB_Left  | 24.61 | / | / | 18.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.63 | / | / | 18.83 | / | / | <=30 | Pass |
|                    | 3720 | Edge_1RB_Left   | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    | 3720 | Outer_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |      | Inner_1RB_Left  | 26.64 | / | / | 20.84 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.53 | / | / | 20.73 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                 | 3960 | Edge_1RB_Left   | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3720 | Edge_1RB_Left   | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.39 | / | / | 20.60 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.43 | / | / | 20.64 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 25.63 | / | / | 19.83 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
|                 | 3960 | Edge_1RB_Left   | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.64 | / | / | 20.84 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 26.53 | / | / | 20.73 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3720 | Edge_1RB_Left   | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 25.59 | / | / | 19.79 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                 | 3960 | Edge_1RB_Left   | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.94 | / | / | 20.14 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3720 | Edge_1RB_Left   | 22.90 | / | / | 17.10 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.76 | / | / | 16.96 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 23.00 | / | / | 17.20 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.90 | / | / | 17.10 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.82 | / | / | 17.02 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.84 | / | / | 17.04 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.29 | / | / | 16.49 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.39 | / | / | 16.59 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.64 | / | / | 16.84 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.55 | / | / | 16.75 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.32 | / | / | 16.52 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.29 | / | / | 16.49 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694



|                                                                                                  |      |                 |       |   |   |       |   |   |      |      |
|--------------------------------------------------------------------------------------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                                  | 3960 | Edge_1RB_Left   | 22.49 | / | / | 16.69 | / | / | <=30 | Pass |
|                                                                                                  |      | Edge_1RB_Right  | 22.46 | / | / | 16.67 | / | / | <=30 | Pass |
|                                                                                                  |      | Outer_Full      | 22.78 | / | / | 16.98 | / | / | <=30 | Pass |
|                                                                                                  |      | Inner_Full      | 22.80 | / | / | 17.00 | / | / | <=30 | Pass |
|                                                                                                  |      | Inner_1RB_Left  | 22.60 | / | / | 16.80 | / | / | <=30 | Pass |
|                                                                                                  |      | Inner_1RB_Right | 22.46 | / | / | 16.66 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |      |                 |       |   |   |       |   |   |      |      |

### 1.1.5 30\_S\_50M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 50MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3725.01         | Edge_1RB_Left   | 25.81                | /    | /   | 20.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.90                | /    | /   | 20.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.60                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.73                | /    | /   | 20.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.39                | /    | /   | 20.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.39                | /    | /   | 20.59     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.53                | /    | /   | 19.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.61                | /    | /   | 19.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.31                | /    | /   | 20.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.39                | /    | /   | 20.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.18                | /    | /   | 20.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.19                | /    | /   | 20.39     | /    | /   | <=30  | Pass    |
|                                     | 3954.99         | Edge_1RB_Left   | 25.73                | /    | /   | 19.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.63                | /    | /   | 19.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.42                | /    | /   | 20.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.58                | /    | /   | 20.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.31                | /    | /   | 20.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.20                | /    | /   | 20.40     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3725.01         | Edge_1RB_Left   | 25.80                | /    | /   | 20.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.92                | /    | /   | 20.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.56                | /    | /   | 20.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.64                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.56                | /    | /   | 20.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.46                | /    | /   | 20.66     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.63                | /    | /   | 19.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.57                | /    | /   | 19.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.27                | /    | /   | 20.47     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.32                | /    | /   | 20.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.14                | /    | /   | 20.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.11                | /    | /   | 20.31     | /    | /   | <=30  | Pass    |
|                                     | 3954.99         | Edge_1RB_Left   | 25.79                | /    | /   | 19.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.61                | /    | /   | 19.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.37                | /    | /   | 20.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.42                | /    | /   | 20.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.34                | /    | /   | 20.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.24                | /    | /   | 20.44     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3725.01         | Edge_1RB_Left   | 25.94                | /    | /   | 20.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.98                | /    | /   | 20.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.44                | /    | /   | 20.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.44                | /    | /   | 20.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.42                | /    | /   | 20.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.41                | /    | /   | 20.61     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.78                | /    | /   | 19.98     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.62                | /    | /   | 19.82     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.28                | /    | /   | 20.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.17                | /    | /   | 20.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.15                | /    | /   | 20.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.14                | /    | /   | 20.34     | /    | /   | <=30  | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 3954.99 | Edge_1RB_Left   | 25.80 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3725.01 | Edge_1RB_Left   | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.89 | / | / | 20.09 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.52 | / | / | 20.72 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.61 | / | / | 20.81 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.56 | / | / | 19.76 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3725.01 | Edge_1RB_Left   | 24.71 | / | / | 18.91 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.76 | / | / | 18.96 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.10 | / | / | 19.30 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.13 | / | / | 19.33 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.70 | / | / | 18.90 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.75 | / | / | 18.95 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 24.38 | / | / | 18.58 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.33 | / | / | 18.53 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.66 | / | / | 18.86 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.74 | / | / | 18.94 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.38 | / | / | 18.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.33 | / | / | 18.53 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 24.67 | / | / | 18.87 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.59 | / | / | 18.79 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.95 | / | / | 19.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.66 | / | / | 18.86 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.59 | / | / | 18.79 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3725.01 | Edge_1RB_Left   | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.57 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.47 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.41 | / | / | 20.62 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.71 | / | / | 19.92 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.67 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.39 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3725.01 | Edge_1RB_Left   | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM  |         | Outer_Full      | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.62 | / | / | 20.82 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.53 | / | / | 20.73 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.49 | / | / | 20.69 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 25.79 | / | / | 19.99 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.79 | / | / | 19.99 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                 | 3954.99 | Inner_1RB_Left  | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                 | 3725.01 | Outer_Full      | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.66 | / | / | 20.86 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3840    | Edge_1RB_Left   | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.94 | / | / | 20.14 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.05 | / | / | 20.26 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                 | 3954.99 | Inner_1RB_Left  | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Left   | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                 | 3725.01 | Outer_Full      | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                 | 3954.99 | Edge_1RB_Left   | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.89 | / | / | 20.10 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3840    | Inner_1RB_Left  | 25.79 | / | / | 19.99 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                 | 3954.99 | Edge_1RB_Left   | 22.61 | / | / | 16.81 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 23.05 | / | / | 17.26 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.16 | / | / | 17.36 | / | / | <=30 | Pass |
|                 | 3725.01 | Inner_1RB_Left  | 22.63 | / | / | 16.83 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                 | 3954.99 | Edge_1RB_Left   | 22.40 | / | / | 16.60 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.36 | / | / | 16.56 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.75 | / | / | 16.95 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.77 | / | / | 16.97 | / | / | <=30 | Pass |
|                 | 3840    | Inner_1RB_Left  | 22.35 | / | / | 16.55 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.46 | / | / | 16.66 | / | / | <=30 | Pass |
|                 | 3954.99 | Edge_1RB_Left   | 22.56 | / | / | 16.76 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.46 | / | / | 16.66 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.96 | / | / | 17.16 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.95 | / | / | 17.15 | / | / | <=30 | Pass |
|                 | 3725.01 | Inner_1RB_Left  | 22.57 | / | / | 16.77 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.44 | / | / | 16.64 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.6 30\_S\_60M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 60MHz NTN |                 |                |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation  | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Edge_1RB_Left  | 25.87                | /    | /   | 20.07     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right | 25.77                | /    | /   | 19.97     | /    | /   | <=30  | Pass    |

### Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                   |         |                 |       |   |   |       |   |   |      |      |
|-------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |         | Outer_Full      | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 26.53 | / | / | 20.73 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 25.46 | / | / | 19.66 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.48 | / | / | 19.68 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                   | 3949.98 | Inner_1RB_Left  | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.27 | / | / | 19.47 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   | 3730.02 | Outer_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                   | 3949.98 | Inner_1RB_Left  | 26.47 | / | / | 20.67 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 25.42 | / | / | 19.62 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.49 | / | / | 19.69 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3730.02 | Outer_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.36 | / | / | 19.56 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                   | 3949.98 | Inner_1RB_Left  | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.81 | / | / | 20.01 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3730.02 | Outer_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 26.39 | / | / | 20.60 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 25.49 | / | / | 19.69 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.57 | / | / | 19.77 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                   | 3949.98 | Inner_1RB_Left  | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Left   | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.44 | / | / | 19.64 | / | / | <=30 | Pass |
|                   | 3730.02 | Outer_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                   | 3840    | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 256 QAM |         | Inner_1RB_Left  | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.31 | / | / | 19.51 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                    | 3730.02 | Edge_1RB_Left   | 24.55 | / | / | 18.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.59 | / | / | 18.79 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.69 | / | / | 18.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.57 | / | / | 18.77 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3840    | Edge_1RB_Left   | 24.31 | / | / | 18.51 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.21 | / | / | 18.41 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.46 | / | / | 18.66 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.41 | / | / | 18.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.25 | / | / | 18.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.27 | / | / | 18.47 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 24.44 | / | / | 18.64 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.07 | / | / | 18.27 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.56 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.56 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.58 | / | / | 18.78 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.13 | / | / | 18.33 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3730.02 | Edge_1RB_Left   | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.22 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.48 | / | / | 20.69 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.48 | / | / | 19.68 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.89 | / | / | 20.09 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.50 | / | / | 19.70 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3730.02 | Edge_1RB_Left   | 25.81 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.52 | / | / | 20.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.52 | / | / | 20.72 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.59 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.44 | / | / | 19.64 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|--------------------------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM                                                                                   | 3730.02 | Edge_1RB_Left   | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 25.94 | / | / | 20.14 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 25.81 | / | / | 20.01 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                                                                                                  | 3840    | Edge_1RB_Left   | 25.48 | / | / | 19.68 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 25.50 | / | / | 19.70 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 25.39 | / | / | 19.59 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 25.46 | / | / | 19.66 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 25.52 | / | / | 19.72 | / | / | <=30 | Pass |
|                                                                                                  | 3949.98 | Edge_1RB_Left   | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 25.53 | / | / | 19.73 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 25.54 | / | / | 19.74 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 25.47 | / | / | 19.67 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                                  | 3730.02 | Edge_1RB_Left   | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 22.58 | / | / | 16.78 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 22.84 | / | / | 17.04 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 22.83 | / | / | 17.03 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 22.65 | / | / | 16.85 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 22.68 | / | / | 16.88 | / | / | <=30 | Pass |
|                                                                                                  | 3840    | Edge_1RB_Left   | 22.21 | / | / | 16.41 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 22.35 | / | / | 16.55 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 22.53 | / | / | 16.73 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 22.46 | / | / | 16.66 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 22.38 | / | / | 16.58 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 22.27 | / | / | 16.47 | / | / | <=30 | Pass |
|                                                                                                  | 3949.98 | Edge_1RB_Left   | 22.48 | / | / | 16.68 | / | / | <=30 | Pass |
|                                                                                                  |         | Edge_1RB_Right  | 22.18 | / | / | 16.38 | / | / | <=30 | Pass |
|                                                                                                  |         | Outer_Full      | 22.48 | / | / | 16.68 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_Full      | 22.56 | / | / | 16.76 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Left  | 22.56 | / | / | 16.76 | / | / | <=30 | Pass |
|                                                                                                  |         | Inner_1RB_Right | 22.21 | / | / | 16.41 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |



### 1.1.7 30\_S\_70M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 70MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3735            | Edge_1RB_Left   | 25.94                | /    | /   | 20.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.82                | /    | /   | 20.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.48                | /    | /   | 20.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.54                | /    | /   | 20.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.54                | /    | /   | 20.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.41                | /    | /   | 20.61     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.59                | /    | /   | 19.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.66                | /    | /   | 19.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.20                | /    | /   | 20.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.33                | /    | /   | 20.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.21                | /    | /   | 20.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.27                | /    | /   | 20.47     | /    | /   | <=30  | Pass    |
|                                     | 3945            | Edge_1RB_Left   | 25.82                | /    | /   | 20.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.55                | /    | /   | 19.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.29                | /    | /   | 20.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.44                | /    | /   | 20.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.44                | /    | /   | 20.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.24                | /    | /   | 20.44     | /    | /   | <=30  | Pass    |

### Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM QPSK    | 3735 | Edge_1RB_Left   | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.57 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.54 | / | / | 20.74 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.46 | / | / | 19.66 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.60 | / | / | 19.80 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.57 | / | / | 19.77 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3735 | Edge_1RB_Left   | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.34 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.56 | / | / | 20.76 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3735 | Edge_1RB_Left   | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.57 | / | / | 19.77 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3735 | Edge_1RB_Left   | 24.60 | / | / | 18.80 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.62 | / | / | 18.82 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.83 | / | / | 19.03 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.90 | / | / | 19.10 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.74 | / | / | 18.94 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.64 | / | / | 18.85 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 24.33 | / | / | 18.53 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.44 | / | / | 18.64 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                |      |                 |       |   |   |       |   |   |      |      |
|----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                |      | Outer_Full      | 24.68 | / | / | 18.88 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 24.63 | / | / | 18.83 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 24.36 | / | / | 18.56 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 24.38 | / | / | 18.58 | / | / | <=30 | Pass |
|                | 3945 | Edge_1RB_Left   | 24.53 | / | / | 18.73 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 24.35 | / | / | 18.55 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 24.77 | / | / | 18.97 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 24.71 | / | / | 18.91 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 24.57 | / | / | 18.77 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 24.32 | / | / | 18.52 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3735 | Edge_1RB_Left   | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.63 | / | / | 20.83 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.73 | / | / | 20.93 | / | / | <=30 | Pass |
|                | 3840 | Edge_1RB_Left   | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.53 | / | / | 20.73 | / | / | <=30 | Pass |
|                | 3945 | Edge_1RB_Left   | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.44 | / | / | 20.64 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3735 | Edge_1RB_Left   | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 26.06 | / | / | 20.26 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 26.44 | / | / | 20.64 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.62 | / | / | 20.82 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.59 | / | / | 20.79 | / | / | <=30 | Pass |
|                | 3840 | Edge_1RB_Left   | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 26.21 | / | / | 20.41 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                | 3945 | Edge_1RB_Left   | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.52 | / | / | 20.72 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3735 | Edge_1RB_Left   | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                | 3840 | Edge_1RB_Left   | 25.64 | / | / | 19.84 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Left  | 25.77 | / | / | 19.97 | / | / | <=30 | Pass |
|                |      | Inner_1RB_Right | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                | 3945 | Edge_1RB_Left   | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                |      | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                |      | Outer_Full      | 25.81 | / | / | 20.01 | / | / | <=30 | Pass |
|                |      | Inner_Full      | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 256 QAM |      | Inner_1RB_Left  | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                 | 3735 | Edge_1RB_Left   | 22.70 | / | / | 16.90 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.74 | / | / | 16.94 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.94 | / | / | 17.14 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 23.02 | / | / | 17.22 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.76 | / | / | 16.96 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.71 | / | / | 16.92 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.38 | / | / | 16.58 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.52 | / | / | 16.72 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.67 | / | / | 16.87 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.65 | / | / | 16.85 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.34 | / | / | 16.54 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.51 | / | / | 16.71 | / | / | <=30 | Pass |
|                 | 3945 | Edge_1RB_Left   | 22.65 | / | / | 16.85 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.45 | / | / | 16.65 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.73 | / | / | 16.93 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.75 | / | / | 16.95 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.71 | / | / | 16.91 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.44 | / | / | 16.64 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.8 30\_S\_80M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 80MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3740.01         | Edge_1RB_Left   | 26.00                | /    | /   | 20.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.87                | /    | /   | 20.07     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.52                | /    | /   | 20.72     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.61                | /    | /   | 20.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.60                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.50                | /    | /   | 20.70     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.44                | /    | /   | 19.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.67                | /    | /   | 19.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 16.09                | /    | /   | 10.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.24                | /    | /   | 20.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.15                | /    | /   | 20.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.29                | /    | /   | 20.49     | /    | /   | <=30  | Pass    |
|                                     | 3939.99         | Edge_1RB_Left   | 25.77                | /    | /   | 19.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.59                | /    | /   | 19.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.34                | /    | /   | 20.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.45                | /    | /   | 20.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.49                | /    | /   | 20.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.18                | /    | /   | 20.38     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3740.01         | Edge_1RB_Left   | 25.97                | /    | /   | 20.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.82                | /    | /   | 20.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.47                | /    | /   | 20.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.55                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.64                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.53                | /    | /   | 20.73     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.56                | /    | /   | 19.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.30                | /    | /   | 20.50     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.16                | /    | /   | 20.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.21                | /    | /   | 20.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.26                | /    | /   | 20.46     | /    | /   | <=30  | Pass    |
|                                     | 3939.99         | Edge_1RB_Left   | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.59                | /    | /   | 19.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.36                | /    | /   | 20.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.34                | /    | /   | 20.54     | /    | /   | <=30  | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694



|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 16 QAM  |         | Inner_1RB_Left  | 26.37 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    | 3740.01 | Edge_1RB_Left   | 26.06 | / | / | 20.26 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.94 | / | / | 20.14 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.54 | / | / | 20.74 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.56 | / | / | 19.76 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.12 | / | / | 20.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3740.01 | Edge_1RB_Left   | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.53 | / | / | 20.73 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.46 | / | / | 20.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.62 | / | / | 19.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.51 | / | / | 19.71 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.50 | / | / | 20.70 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3740.01 | Edge_1RB_Left   | 24.80 | / | / | 19.00 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.70 | / | / | 18.90 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.91 | / | / | 19.11 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.89 | / | / | 19.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.85 | / | / | 19.05 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.75 | / | / | 18.95 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 24.33 | / | / | 18.53 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.44 | / | / | 18.64 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.68 | / | / | 18.88 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.68 | / | / | 18.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.37 | / | / | 18.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.48 | / | / | 18.68 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 24.53 | / | / | 18.73 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.34 | / | / | 18.54 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.79 | / | / | 18.99 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.80 | / | / | 19.00 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.67 | / | / | 18.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.41 | / | / | 18.61 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3740.01 | Edge_1RB_Left   | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 26.06 | / | / | 20.26 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.64 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.73 | / | / | 20.93 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 | 3840    | Edge_1RB_Left   | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.74 | / | / | 19.94 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.46 | / | / | 20.66 | / | / | <=30 | Pass |
|                 | 3939.99 | Edge_1RB_Left   | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.71 | / | / | 20.91 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3740.01 | Edge_1RB_Left   | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.55 | / | / | 20.75 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.87 | / | / | 21.07 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.67 | / | / | 20.87 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 25.61 | / | / | 19.81 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.22 | / | / | 20.42 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                 | 3939.99 | Edge_1RB_Left   | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3740.01 | Edge_1RB_Left   | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 25.58 | / | / | 19.78 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.66 | / | / | 19.86 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                 | 3939.99 | Edge_1RB_Left   | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.67 | / | / | 19.87 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3740.01 | Edge_1RB_Left   | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.70 | / | / | 16.90 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.91 | / | / | 17.11 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.93 | / | / | 17.13 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.64 | / | / | 16.84 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.73 | / | / | 16.93 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.35 | / | / | 16.55 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.47 | / | / | 16.67 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.56 | / | / | 16.76 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.41 | / | / | 16.61 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.49 | / | / | 16.69 | / | / | <=30 | Pass |
|                 | 3939.99 | Edge_1RB_Left   | 22.58 | / | / | 16.78 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.35 | / | / | 16.55 | / | / | <=30 | Pass |
|                 |         |                 |       |   |   |       |   |   |      |      |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                                                                                                  |  |                 |       |   |   |       |   |   |      |      |
|--------------------------------------------------------------------------------------------------|--|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                                  |  | Outer_Full      | 22.74 | / | / | 16.94 | / | / | <=30 | Pass |
|                                                                                                  |  | Inner_Full      | 22.78 | / | / | 16.98 | / | / | <=30 | Pass |
|                                                                                                  |  | Inner_1RB_Left  | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                                                                                                  |  | Inner_1RB_Right | 22.40 | / | / | 16.60 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |  |                 |       |   |   |       |   |   |      |      |

### 1.1.9 30\_S\_90M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 90MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Edge_1RB_Left   | 26.23                | /    | /   | 20.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 26.07                | /    | /   | 20.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.45                | /    | /   | 20.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.53                | /    | /   | 20.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.74                | /    | /   | 20.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.58                | /    | /   | 20.78     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 25.70                | /    | /   | 19.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.82                | /    | /   | 20.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.21                | /    | /   | 20.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.17                | /    | /   | 20.37     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Inner_1RB_Left  | 26.28                | /    | /   | 20.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.44                | /    | /   | 20.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 26.02                | /    | /   | 20.22     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.79                | /    | /   | 19.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.32                | /    | /   | 20.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.40                | /    | /   | 20.60     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3745.02         | Inner_1RB_Left  | 26.55                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.29                | /    | /   | 20.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 26.08                | /    | /   | 20.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 26.03                | /    | /   | 20.23     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.46                | /    | /   | 20.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.55                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Inner_1RB_Left  | 26.69                | /    | /   | 20.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.46                | /    | /   | 20.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 25.77                | /    | /   | 19.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.88                | /    | /   | 20.08     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Outer_Full      | 26.09                | /    | /   | 20.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.07                | /    | /   | 20.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.32                | /    | /   | 20.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.38                | /    | /   | 20.58     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 25.99                | /    | /   | 20.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.73                | /    | /   | 19.93     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3745.02         | Outer_Full      | 26.36                | /    | /   | 20.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.31                | /    | /   | 20.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.57                | /    | /   | 20.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.21                | /    | /   | 20.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Left   | 26.20                | /    | /   | 20.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.95                | /    | /   | 20.15     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Outer_Full      | 26.41                | /    | /   | 20.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.29                | /    | /   | 20.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.65                | /    | /   | 20.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.52                | /    | /   | 20.72     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Edge_1RB_Left   | 25.53                | /    | /   | 19.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.67                | /    | /   | 19.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.20                | /    | /   | 20.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.01                | /    | /   | 20.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.28                | /    | /   | 20.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.34                | /    | /   | 20.54     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Edge_1RB_Left   | 25.95                | /    | /   | 20.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 25.76                | /    | /   | 19.96     | /    | /   | <=30  | Pass    |



**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  |         | Outer_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                    | 3745.02 | Edge_1RB_Left   | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Left  | 26.47 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 25.76 | / | / | 19.96 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                    | 3934.98 | Outer_Full      | 26.06 | / | / | 20.26 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3745.02 | Edge_1RB_Left   | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.62 | / | / | 19.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.24 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Left  | 26.62 | / | / | 20.82 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.71 | / | / | 18.91 | / | / | <=30 | Pass |
|                    | 3934.98 | Outer_Full      | 24.85 | / | / | 19.05 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.98 | / | / | 19.18 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.90 | / | / | 19.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.76 | / | / | 18.96 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3745.02 | Edge_1RB_Left   | 24.41 | / | / | 18.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.47 | / | / | 18.67 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.61 | / | / | 18.81 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.65 | / | / | 18.85 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Left  | 24.26 | / | / | 18.46 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.52 | / | / | 18.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 24.73 | / | / | 18.93 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.45 | / | / | 18.65 | / | / | <=30 | Pass |
|                    | 3934.98 | Outer_Full      | 24.74 | / | / | 18.94 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.76 | / | / | 18.96 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.78 | / | / | 18.98 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.51 | / | / | 18.71 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3745.02 | Edge_1RB_Left   | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 26.05 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.55 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                    | 3840    | Inner_1RB_Left  | 26.83 | / | / | 21.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.67 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 25.72 | / | / | 19.92 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                    | 3934.98 | Outer_Full      | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.39 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.47 | / | / | 20.67 | / | / | <=30 | Pass |
|                    | 3745.02 | Edge_1RB_Left   | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 25.70 | / | / | 19.90 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.61 | / | / | 20.81 | / | / | <=30 | Pass |
|                    | 3745.02 | Inner_1RB_Left  | 26.65 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 26.18 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                    | 3745.02 | Outer_Full      | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM  |         | Inner_1RB_Left  | 26.75 | / | / | 20.95 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.68 | / | / | 20.88 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.07 | / | / | 20.27 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                 | 3934.98 | Edge_1RB_Left   | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 26.29 | / | / | 20.49 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.68 | / | / | 20.88 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.44 | / | / | 20.64 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3745.02 | Edge_1RB_Left   | 26.20 | / | / | 20.40 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.83 | / | / | 20.03 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 25.89 | / | / | 20.09 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.71 | / | / | 19.91 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.55 | / | / | 19.75 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.99 | / | / | 20.19 | / | / | <=30 | Pass |
|                 | 3934.98 | Edge_1RB_Left   | 26.10 | / | / | 20.30 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 25.81 | / | / | 20.01 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 25.72 | / | / | 19.92 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 26.16 | / | / | 20.36 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3745.02 | Edge_1RB_Left   | 22.83 | / | / | 17.03 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.71 | / | / | 16.91 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.99 | / | / | 17.19 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.95 | / | / | 17.15 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.82 | / | / | 17.02 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.84 | / | / | 17.04 | / | / | <=30 | Pass |
|                 | 3840    | Edge_1RB_Left   | 22.44 | / | / | 16.64 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.48 | / | / | 16.68 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.66 | / | / | 16.86 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.74 | / | / | 16.94 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.26 | / | / | 16.46 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.50 | / | / | 16.70 | / | / | <=30 | Pass |
|                 | 3934.98 | Edge_1RB_Left   | 22.63 | / | / | 16.83 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 22.39 | / | / | 16.59 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 22.75 | / | / | 16.95 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.75 | / | / | 16.95 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.70 | / | / | 16.90 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.43 | / | / | 16.63 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.10 30\_S\_100M\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 100MHz NTNv |                 |                |                      |      |     |           |      |     |       |         |
|---------------------------------------|-----------------|----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                            | Frequency (MHz) | RB Allocation  | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                       |                 |                | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                  | 3750            | Edge_1RB_Left  | 26.15                | /    | /   | 20.35     | /    | /   | <=30  | Pass    |
|                                       |                 | Edge_1RB_Right | 25.86                | /    | /   | 20.06     | /    | /   | <=30  | Pass    |
|                                       |                 | Outer_Full     | 26.49                | /    | /   | 20.69     | /    | /   | <=30  | Pass    |
|                                       |                 | Inner_Full     | 26.39                | /    | /   | 20.59     | /    | /   | <=30  | Pass    |

### Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                   |  |      |                 |       |   |   |       |   |   |      |      |
|-------------------|--|------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |  |      | Inner_1RB_Left  | 26.61 | / | / | 20.81 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.49 | / | / | 20.69 | / | / | <=30 | Pass |
|                   |  | 3840 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.80 | / | / | 20.00 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.26 | / | / | 20.46 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                   |  | 3930 | Edge_1RB_Left   | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.57 | / | / | 20.77 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   |  | 3750 | Edge_1RB_Left   | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.77 | / | / | 20.97 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.56 | / | / | 20.76 | / | / | <=30 | Pass |
|                   |  | 3840 | Edge_1RB_Left   | 25.68 | / | / | 19.88 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.69 | / | / | 19.89 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.14 | / | / | 20.34 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                   |  | 3930 | Edge_1RB_Left   | 25.98 | / | / | 20.18 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.75 | / | / | 19.95 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.40 | / | / | 20.60 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.57 | / | / | 20.77 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.34 | / | / | 20.55 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM |  | 3750 | Edge_1RB_Left   | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.43 | / | / | 20.63 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.61 | / | / | 20.81 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.51 | / | / | 20.71 | / | / | <=30 | Pass |
|                   |  | 3840 | Edge_1RB_Left   | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.36 | / | / | 20.56 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.42 | / | / | 20.62 | / | / | <=30 | Pass |
|                   |  | 3930 | Edge_1RB_Left   | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.30 | / | / | 20.50 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.31 | / | / | 20.51 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM |  | 3750 | Edge_1RB_Left   | 25.96 | / | / | 20.17 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.93 | / | / | 20.13 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.38 | / | / | 20.58 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.60 | / | / | 20.80 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.41 | / | / | 20.61 | / | / | <=30 | Pass |
|                   |  | 3840 | Edge_1RB_Left   | 25.78 | / | / | 19.98 | / | / | <=30 | Pass |
|                   |  |      | Edge_1RB_Right  | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                   |  |      | Outer_Full      | 26.06 | / | / | 20.26 | / | / | <=30 | Pass |
|                   |  |      | Inner_Full      | 26.13 | / | / | 20.33 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Left  | 26.23 | / | / | 20.43 | / | / | <=30 | Pass |
|                   |  |      | Inner_1RB_Right | 26.27 | / | / | 20.47 | / | / | <=30 | Pass |



Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 3930 | Edge_1RB_Left   | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.73 | / | / | 19.93 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.25 | / | / | 20.45 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.32 | / | / | 20.52 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3750 | Edge_1RB_Left   | 24.85 | / | / | 19.05 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.74 | / | / | 18.94 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.85 | / | / | 19.05 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.92 | / | / | 19.12 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.99 | / | / | 19.19 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.77 | / | / | 18.97 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 24.53 | / | / | 18.73 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.56 | / | / | 18.76 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.66 | / | / | 18.86 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.65 | / | / | 18.85 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.57 | / | / | 18.77 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.71 | / | / | 18.91 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 24.80 | / | / | 19.00 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.59 | / | / | 18.79 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.74 | / | / | 18.94 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.84 | / | / | 19.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.64 | / | / | 18.84 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3750 | Edge_1RB_Left   | 26.19 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.48 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.28 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.92 | / | / | 21.12 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.46 | / | / | 20.67 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.87 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.88 | / | / | 20.08 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.91 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.58 | / | / | 20.78 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.61 | / | / | 20.81 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 25.92 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.33 | / | / | 20.53 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.78 | / | / | 20.98 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.61 | / | / | 20.81 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3750 | Edge_1RB_Left   | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 26.09 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.45 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.46 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.62 | / | / | 20.82 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.58 | / | / | 20.78 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 25.82 | / | / | 20.02 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 26.00 | / | / | 20.20 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.15 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.39 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.50 | / | / | 20.70 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 26.17 | / | / | 20.37 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 26.02 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 26.35 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.34 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 27.05 | / | / | 21.25 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.50 | / | / | 20.70 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM     | 3750 | Edge_1RB_Left   | 26.04 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |      |                 |       |   |   |       |   |   |      |      |
|-----------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 256 QAM | 3840 | Outer_Full      | 26.03 | / | / | 20.23 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.11 | / | / | 20.31 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Left   | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.97 | / | / | 20.17 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.65 | / | / | 19.85 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.69 | / | / | 19.89 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 25.85 | / | / | 20.05 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.96 | / | / | 20.16 | / | / | <=30 | Pass |
|                 | 3930 | Edge_1RB_Left   | 26.01 | / | / | 20.21 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 25.95 | / | / | 20.15 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 25.90 | / | / | 20.10 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 25.84 | / | / | 20.04 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 26.08 | / | / | 20.28 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 25.86 | / | / | 20.06 | / | / | <=30 | Pass |
|                 | 3750 | Edge_1RB_Left   | 22.88 | / | / | 17.08 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.76 | / | / | 16.96 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.91 | / | / | 17.11 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.97 | / | / | 17.17 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.95 | / | / | 17.15 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.73 | / | / | 16.93 | / | / | <=30 | Pass |
|                 | 3840 | Edge_1RB_Left   | 22.29 | / | / | 16.49 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.70 | / | / | 16.90 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.63 | / | / | 16.83 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.63 | / | / | 16.83 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.39 | / | / | 16.59 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.58 | / | / | 16.78 | / | / | <=30 | Pass |
|                 | 3930 | Edge_1RB_Left   | 22.60 | / | / | 16.80 | / | / | <=30 | Pass |
|                 |      | Edge_1RB_Right  | 22.53 | / | / | 16.73 | / | / | <=30 | Pass |
|                 |      | Outer_Full      | 22.77 | / | / | 16.97 | / | / | <=30 | Pass |
|                 |      | Inner_Full      | 22.82 | / | / | 17.02 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Left  | 22.67 | / | / | 16.87 | / | / | <=30 | Pass |
|                 |      | Inner_1RB_Right | 22.50 | / | / | 16.70 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 30\_S\_10M

| 5G NR n77a SCS=30kHz SISO 10MHz |                 |               |                 |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|-----------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C)      | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |                 |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20              | LV    | -12.53           | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |                 | HV    | -14.47           | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30             | NV    | -2.69            | -0.0007               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20             | NV    | -10.36           | -0.0027               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10             | NV    | -9.77            | -0.0025               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0               | NV    | -8.01            | -0.0021               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10              | NV    | -5.57            | -0.0015               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20              | NV    | -23.08           | -0.0060               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30              | NV    | -3.72            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40              | NV    | 11.00            | 0.0029                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50              | NV    | -15.07           | -0.0039               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | DFT-s-OFDM QPSK | 3840  | Outer_Full       | 20                    | LV             | 1.46    |
| HV                              | -0.10           | 0.0000        |                 |       |                  |                       | >=-2.5 & <=2.5 | Pass    |
| -30                             | NV              | 0.41          |                 |       |                  | 0.0001                | >=-2.5 & <=2.5 | Pass    |
| -20                             | NV              | 7.87          |                 |       |                  | 0.0020                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |                 |       |                  |                       |                |         |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                          |      |
|--------------------|------|------------|-----|----|--------|---------|--------------------------|------|
|                    |      |            | -10 | NV | 2.59   | 0.0007  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -16.99 | -0.0044 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | 11.39  | 0.0030  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -8.04  | -0.0021 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -3.15  | -0.0008 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | 7.91   | 0.0021  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -10.95 | -0.0029 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| DFT-s-OFDM 16 QAM  | 3840 | Outer_Full | 20  | LV | 1.59   | 0.0004  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -0.42  | -0.0001 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | -6.24  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | -5.27  | -0.0014 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -6.25  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -16.41 | -0.0043 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -1.55  | -0.0004 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -7.36  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -9.46  | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -7.18  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -7.61  | -0.0020 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| DFT-s-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | 5.54   | 0.0014  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -2.20  | -0.0006 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | -7.99  | -0.0021 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | 3.71   | 0.0010  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -2.52  | -0.0007 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -9.45  | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -8.48  | -0.0022 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -2.72  | -0.0007 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | 1.06   | 0.0003  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | 4.72   | 0.0012  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -6.18  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -10.90 | -0.0028 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -7.65  | -0.0020 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | -2.36  | -0.0006 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | -0.51  | -0.0001 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -13.85 | -0.0036 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -3.25  | -0.0008 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -10.71 | -0.0028 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -9.76  | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -0.56  | -0.0001 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | 12.90  | 0.0034  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -2.19  | -0.0006 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | 20  | LV | -12.08 | -0.0031 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -17.10 | -0.0045 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | 0.19   | 0.0000  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | -2.15  | -0.0006 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -4.08  | -0.0011 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -1.32  | -0.0003 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -10.07 | -0.0026 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -6.26  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -9.47  | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -6.46  | -0.0017 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -5.53  | -0.0014 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 20  | LV | 0.37   | 0.0001  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -10.89 | -0.0028 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | 0.14   | 0.0000  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | -2.86  | -0.0007 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | 9.80   | 0.0026  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -4.92  | -0.0013 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -5.84  | -0.0015 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -7.11  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -5.38  | -0.0014 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -10.31 | -0.0027 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | 3.35   | 0.0009  | $\geq -2.5$ & $\leq 2.5$ | Pass |

|                 |      |            |     |    |        |         |                |      |
|-----------------|------|------------|-----|----|--------|---------|----------------|------|
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | -8.39  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 1.63   | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 4.28   | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -5.40  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 2.24   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -7.98  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | 0.49   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -7.01  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 3.51   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 6.06   | 0.0016  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 50  | NV | -10.68 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | LV | 0.83   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 2.07   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -7.08  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -3.14  | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 5.04   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -1.72  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -0.12  | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -11.22 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 3.16   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 8.35   | 0.0022  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -5.80  | -0.0015 | >=-2.5 & <=2.5 | Pass |

## 2.1.2 30\_S\_20M

| 5G NR n77a SCS=30kHz SISO 20MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -6.92            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -18.15           | -0.0047               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 0.28             | 0.0001                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | 2.38             | 0.0006                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -11.88           | -0.0031               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -3.67            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -6.81            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -3.65            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -8.21            | -0.0021               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -8.91            | -0.0023               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 3840            | Outer_Full    | 50         | NV    | -6.92            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | LV    | -6.02            | -0.0016               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -10.22           | -0.0027               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -7.11            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | 1.98             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -7.20            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | 4.21             | 0.0011                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -0.78            | -0.0002               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -4.83            | -0.0013               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 3.81             | 0.0010                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 3840            | Outer_Full    | 40         | NV    | 1.57             | 0.0004                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -8.66            | -0.0023               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | LV    | -3.27            | -0.0009               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 0.86             | 0.0002                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 0.97             | 0.0003                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -0.68            | -0.0002               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -4.18            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -8.37            | -0.0022               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -6.35            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -13.40           | -0.0035               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM               | 3840            | Outer_Full    | 30         | NV    | -1.89            | -0.0005               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -5.36            | -0.0014               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | 2.06             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | LV    | -8.70            | -0.0023               | >=-2.5 & <=2.5 | Pass    |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                |      |
|--------------------|------|------------|-----|----|--------|---------|----------------|------|
|                    |      |            |     | HV | 1.50   | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -1.84  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 6.69   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -4.20  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -8.53  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -7.76  | -0.0020 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -11.30 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 4.92   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 1.73   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 3.79   | 0.0010  | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -8.83  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -2.60  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | 10.33  | 0.0027  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 3.18   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 1.44   | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -2.42  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 2.81   | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -4.27  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -4.76  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 5.84   | 0.0015  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | 50  | NV | 3.43   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -4.11  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -10.62 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -4.44  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -9.04  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -8.37  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -4.79  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -1.40  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | 13.38  | 0.0035  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -0.31  | -0.0001 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 40  | NV | 1.11   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -3.01  | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -6.94  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -1.63  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -21.49 | -0.0056 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -11.96 | -0.0031 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 2.22   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -6.19  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -10.86 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -1.62  | -0.0004 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM     | 3840 | Outer_Full | 30  | NV | -9.30  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -2.75  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -2.78  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | 10.73  | 0.0028  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 3.12   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | 3.35   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 5.48   | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 6.61   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -19.37 | -0.0050 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 8.79   | 0.0023  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM    | 3840 | Outer_Full | 20  | NV | 8.19   | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 1.08   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -0.41  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 4.97   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -1.44  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 0.06   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -0.84  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -0.11  | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -5.91  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -3.44  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -6.36  | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | 7.78   | 0.0020  | >=-2.5 & <=2.5 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|  |  |  |    |    |        |         |                |      |
|--|--|--|----|----|--------|---------|----------------|------|
|  |  |  | 30 | NV | -14.31 | -0.0037 | >=-2.5 & <=2.5 | Pass |
|  |  |  | 40 | NV | 3.57   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|  |  |  | 50 | NV | 4.82   | 0.0013  | >=-2.5 & <=2.5 | Pass |

### 2.1.3 30\_S\_30M

| 5G NR n77a SCS=30kHz SISO 30MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -5.90            | -0.0015               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -5.16            | -0.0013               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 1.40             | 0.0004                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -0.98            | -0.0003               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 0.93             | 0.0002                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | 2.57             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -11.87           | -0.0031               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -2.76            | -0.0007               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -1.50            | -0.0004               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -4.99            | -0.0013               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 3840            | Outer_Full    | 20         | LV    | 0.92             | 0.0002                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -5.22            | -0.0014               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -15.83           | -0.0041               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -4.64            | -0.0012               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 2.86             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -4.56            | -0.0012               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 6.74             | 0.0018                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -7.70            | -0.0020               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 0.02             | 0.0000                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -2.95            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 3840            | Outer_Full    | 20         | LV    | -3.07            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 2.38             | 0.0006                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -3.05            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -1.67            | -0.0004               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -1.14            | -0.0003               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -6.19            | -0.0016               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 8.91             | 0.0023                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 5.06             | 0.0013                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -0.05            | 0.0000                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 0.99             | 0.0003                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM               | 3840            | Outer_Full    | 20         | LV    | 5.99             | 0.0016                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -3.47            | -0.0009               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -0.60            | -0.0002               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -5.24            | -0.0014               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -6.64            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -6.74            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -6.94            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 3.47             | 0.0009                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -10.53           | -0.0027               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -0.81            | -0.0002               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 256 QAM              | 3840            | Outer_Full    | 20         | LV    | -16.86           | -0.0044               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -11.61           | -0.0030               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 6.95             | 0.0018                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | 0.12             | 0.0000                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -1.42            | -0.0004               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | 2.83             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -3.54            | -0.0009               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 4.95             | 0.0013                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 5.69             | 0.0015                | >=-2.5 & <=2.5 | Pass    |



**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                |       |            |                 |      |            |         |                |        |
|----------------|-------|------------|-----------------|------|------------|---------|----------------|--------|
|                |       |            | 40              | NV   | -12.29     | -0.0032 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 50              | NV   | -3.88      | -0.0010 | >=-2.5 & <=2.5 | Pass   |
| CP-OFDM QPSK   | 3840  | Outer_Full | 20              | LV   | -7.30      | -0.0019 | >=-2.5 & <=2.5 | Pass   |
|                |       |            |                 | HV   | -15.59     | -0.0041 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | -30             | NV   | -11.19     | -0.0029 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | -20             | NV   | 6.64       | 0.0017  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | -10             | NV   | 0.73       | 0.0002  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 0               | NV   | 1.19       | 0.0003  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 10              | NV   | -17.20     | -0.0045 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 20              | NV   | -0.46      | -0.0001 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 30              | NV   | 0.40       | 0.0001  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 40              | NV   | 3.57       | 0.0009  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 50              | NV   | 2.53       | 0.0007  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | CP-OFDM 16 QAM  | 3840 | Outer_Full | 20      | LV             | -17.00 |
| HV             | -5.33 | -0.0014    |                 |      |            |         | >=-2.5 & <=2.5 | Pass   |
| -30            | NV    | -2.91      |                 |      |            | -0.0008 | >=-2.5 & <=2.5 | Pass   |
| -20            | NV    | 23.15      |                 |      |            | 0.0060  | >=-2.5 & <=2.5 | Pass   |
| -10            | NV    | -18.40     |                 |      |            | -0.0048 | >=-2.5 & <=2.5 | Pass   |
| 0              | NV    | 2.46       |                 |      |            | 0.0006  | >=-2.5 & <=2.5 | Pass   |
| 10             | NV    | -5.26      |                 |      |            | -0.0014 | >=-2.5 & <=2.5 | Pass   |
| 20             | NV    | -12.83     |                 |      |            | -0.0033 | >=-2.5 & <=2.5 | Pass   |
| 30             | NV    | 1.14       |                 |      |            | 0.0003  | >=-2.5 & <=2.5 | Pass   |
| 40             | NV    | -1.82      |                 |      |            | -0.0005 | >=-2.5 & <=2.5 | Pass   |
| 50             | NV    | -24.53     |                 |      |            | -0.0064 | >=-2.5 & <=2.5 | Pass   |
| CP-OFDM 64 QAM | 3840  | Outer_Full |                 |      |            | 20      | LV             | 6.50   |
|                |       |            | HV              | 5.83 | 0.0015     |         | >=-2.5 & <=2.5 | Pass   |
|                |       |            | -30             | NV   | 2.97       | 0.0008  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | -20             | NV   | 5.77       | 0.0015  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | -10             | NV   | -10.25     | -0.0027 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 0               | NV   | -11.02     | -0.0029 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 10              | NV   | -8.15      | -0.0021 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 20              | NV   | -15.66     | -0.0041 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 30              | NV   | -8.38      | -0.0022 | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 40              | NV   | 3.92       | 0.0010  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | 50              | NV   | 0.74       | 0.0002  | >=-2.5 & <=2.5 | Pass   |
|                |       |            | CP-OFDM 256 QAM | 3840 | Outer_Full | 20      | LV             | 6.20   |
| HV             | 6.53  | 0.0017     |                 |      |            |         | >=-2.5 & <=2.5 | Pass   |
| -30            | NV    | -0.91      |                 |      |            | -0.0002 | >=-2.5 & <=2.5 | Pass   |
| -20            | NV    | -7.55      |                 |      |            | -0.0020 | >=-2.5 & <=2.5 | Pass   |
| -10            | NV    | 3.82       |                 |      |            | 0.0010  | >=-2.5 & <=2.5 | Pass   |
| 0              | NV    | 1.90       |                 |      |            | 0.0005  | >=-2.5 & <=2.5 | Pass   |
| 10             | NV    | -6.35      |                 |      |            | -0.0017 | >=-2.5 & <=2.5 | Pass   |
| 20             | NV    | -10.51     |                 |      |            | -0.0027 | >=-2.5 & <=2.5 | Pass   |
| 30             | NV    | -11.74     |                 |      |            | -0.0031 | >=-2.5 & <=2.5 | Pass   |
| 40             | NV    | 1.22       |                 |      |            | 0.0003  | >=-2.5 & <=2.5 | Pass   |
| 50             | NV    | 9.46       |                 |      |            | 0.0025  | >=-2.5 & <=2.5 | Pass   |

#### 2.1.4 30\_S\_40M

| 5G NR n77a SCS=30kHz SISO 40MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -7.46            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 4.84             | 0.0013                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 13.15            | 0.0034                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -14.45           | -0.0038               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -2.13            | -0.0006               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | 6.86             | 0.0018                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 0.90             | 0.0002                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 7.22             | 0.0019                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -24.54           | -0.0064               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -6.58            | -0.0017               | >=-2.5 & <=2.5 | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                |      |
|--------------------|------|------------|-----|----|--------|---------|----------------|------|
|                    |      |            | 50  | NV | -13.11 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK    | 3840 | Outer_Full | 20  | LV | 2.27   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 4.14   | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -6.12  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -6.96  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 14.43  | 0.0038  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 1.74   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -2.15  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -1.46  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -7.06  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -3.65  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -5.01  | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM  | 3840 | Outer_Full | 20  | LV | 3.21   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 9.97   | 0.0026  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | 3.51   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 3.71   | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -2.08  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -8.53  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 1.06   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -17.92 | -0.0047 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 5.53   | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 5.16   | 0.0013  | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | -12.81 | -0.0033 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -8.97  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -14.18 | -0.0037 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -4.21  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -3.46  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 2.51   | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -2.17  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -1.87  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 12.96  | 0.0034  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -2.42  | -0.0006 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -10.79 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 10.16  | 0.0026  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -1.63  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -9.12  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -3.63  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -9.77  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 9.09   | 0.0024  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -2.18  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -6.33  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 5.42   | 0.0014  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | 20  | LV | 2.26   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -10.67 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -9.65  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -3.71  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -10.14 | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -0.13  | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 6.44   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -1.45  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -3.80  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -1.63  | -0.0004 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 20  | LV | -7.03  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -8.53  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -13.90 | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -9.83  | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 7.91   | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 2.63   | 0.0007  | >=-2.5 & <=2.5 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

|                 |      |            |     |    |        |         |                |      |
|-----------------|------|------------|-----|----|--------|---------|----------------|------|
|                 |      |            | 10  | NV | -0.39  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -3.24  | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -4.81  | -0.0013 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 5.84   | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 8.03   | 0.0021  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | -1.94  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 2.32   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 1.81   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -4.64  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 6.48   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | 3.72   | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | 3.16   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -13.73 | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 7.03   | 0.0018  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 13.35  | 0.0035  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 1.00   | 0.0003  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | 9.29   | 0.0024  | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 5.04   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 3.45   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -1.09  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 6.14   | 0.0016  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -4.43  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -9.01  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -8.12  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -1.63  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -3.77  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 0.90   | 0.0002  | >=-2.5 & <=2.5 | Pass |

### 2.1.5 30\_S\_50M

| 5G NR n77a SCS=30kHz SISO 50MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -3.14            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 6.14             | 0.0016                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -4.40            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | 8.73             | 0.0023                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -18.13           | -0.0047               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -10.42           | -0.0027               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 1.61             | 0.0004                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -4.01            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 4.33             | 0.0011                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 1.34             | 0.0003                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 3840            | Outer_Full    | 20         | LV    | 7.52             | 0.0020                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -8.81            | -0.0023               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 8.39             | 0.0022                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -2.82            | -0.0007               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 6.16             | 0.0016                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -12.97           | -0.0034               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -1.35            | -0.0004               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 9.19             | 0.0024                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -13.29           | -0.0035               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -3.48            | -0.0009               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 3840            | Outer_Full    | 20         | LV    | -1.05            | -0.0003               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -4.42            | -0.0012               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -6.33            | -0.0016               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -2.89            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -4.18            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -3.78            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 9.29             | 0.0024                | >=-2.5 & <=2.5 | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                |      |
|--------------------|------|------------|-----|----|--------|---------|----------------|------|
|                    |      |            | 20  | NV | 0.91   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 0.26   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -6.12  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 3.32   | 0.0009  | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | -8.98  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 2.43   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -17.08 | -0.0044 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -2.50  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 2.99   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -0.88  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 7.56   | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -6.79  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 2.02   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -16.80 | -0.0044 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 1.78   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -6.20  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 3.23   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -5.93  | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | -20 | NV | 4.83   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -0.31  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -4.47  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -4.95  | -0.0013 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | 2.69   | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -4.30  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -13.73 | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 7.86   | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -10.62 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -9.57  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -15.49 | -0.0040 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 3.03   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -7.19  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 8.99   | 0.0023  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | 10  | NV | -3.55  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -11.44 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 14.27  | 0.0037  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -16.45 | -0.0043 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 2.45   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -7.62  | -0.0020 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 4.93   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -4.25  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 7.04   | 0.0018  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -15.25 | -0.0040 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -3.61  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 4.61   | 0.0012  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | 5.70   | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -8.03  | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 40  | NV | -0.76  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 13.76  | 0.0036  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | 6.46   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -0.04  | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -1.92  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -11.82 | -0.0031 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -3.78  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -10.65 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 11.48  | 0.0030  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -0.60  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 0.95   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 5.42   | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -8.99  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -9.75  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -4.74  | -0.0012 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM    | 3840 | Outer_Full | -30 | NV | 4.60   | 0.0012  | >=-2.5 & <=2.5 | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|  |  |  |     |    |       |         |                |      |
|--|--|--|-----|----|-------|---------|----------------|------|
|  |  |  | -20 | NV | 7.20  | 0.0019  | >=-2.5 & <=2.5 | Pass |
|  |  |  | -10 | NV | -4.61 | -0.0012 | >=-2.5 & <=2.5 | Pass |
|  |  |  | 0   | NV | 2.41  | 0.0006  | >=-2.5 & <=2.5 | Pass |
|  |  |  | 10  | NV | 3.66  | 0.0010  | >=-2.5 & <=2.5 | Pass |
|  |  |  | 20  | NV | -6.15 | -0.0016 | >=-2.5 & <=2.5 | Pass |
|  |  |  | 30  | NV | -3.32 | -0.0009 | >=-2.5 & <=2.5 | Pass |
|  |  |  | 40  | NV | 6.00  | 0.0016  | >=-2.5 & <=2.5 | Pass |
|  |  |  | 50  | NV | 2.09  | 0.0005  | >=-2.5 & <=2.5 | Pass |

## 2.1.6 30\_S\_60M

| 5G NR n77a SCS=30kHz SISO 60MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -3.57            | -0.0009               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -7.75            | -0.0020               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 6.44             | 0.0017                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -16.65           | -0.0043               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 2.60             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -4.22            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 9.98             | 0.0026                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -9.79            | -0.0025               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -6.92            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 7.41             | 0.0019                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | 5.06             | 0.0013                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 3840            | Outer_Full    | 20         | LV    | -12.84           | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -12.30           | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 5.51             | 0.0014                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -4.21            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -10.67           | -0.0028               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | 1.83             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 0.08             | 0.0000                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -9.49            | -0.0025               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 8.96             | 0.0023                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 7.55             | 0.0020                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | 1.47             | 0.0004                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 3840            | Outer_Full    | 20         | LV    | 5.25             | 0.0014                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 11.39            | 0.0030                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 6.89             | 0.0018                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -11.59           | -0.0030               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 2.57             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -2.64            | -0.0007               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | 2.77             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -5.86            | -0.0015               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -17.02           | -0.0044               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -2.95            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -20.25           | -0.0053               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM               | 3840            | Outer_Full    | 20         | LV    | 0.68             | 0.0002                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 1.84             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 1.06             | 0.0003                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -11.41           | -0.0030               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -8.46            | -0.0022               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -0.37            | -0.0001               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -4.31            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -6.48            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 9.21             | 0.0024                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 13.94            | 0.0036                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -6.35            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 256 QAM              | 3840            | Outer_Full    | 20         | LV    | -1.19            | -0.0003               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -6.45            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 10.21            | 0.0027                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -2.35            | -0.0006               | >=-2.5 & <=2.5 | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                 |      |            |     |    |        |         |                |      |
|-----------------|------|------------|-----|----|--------|---------|----------------|------|
|                 |      |            | -10 | NV | -12.68 | -0.0033 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -2.03  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -1.44  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -11.50 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 2.11   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 0.00   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 1.67   | 0.0004  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK    | 3840 | Outer_Full | 20  | LV | -1.29  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 0.54   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -4.29  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -5.54  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 0.82   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -0.56  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -4.53  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -2.27  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 5.43   | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -14.75 | -0.0038 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 6.84   | 0.0018  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM  | 3840 | Outer_Full | 20  | LV | -1.50  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 3.09   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -8.43  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -7.63  | -0.0020 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -0.89  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | 9.77   | 0.0025  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | 5.11   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -1.25  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 3.16   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -7.29  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 3.37   | 0.0009  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | 0.48   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | -8.16  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 6.60   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | 10.76  | 0.0028  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -0.64  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -6.92  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | 2.63   | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -4.37  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -10.98 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -2.57  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -5.56  | -0.0014 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -6.91  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 10.55  | 0.0027  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 0.08   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | 4.93   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -4.72  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | 8.36   | 0.0022  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -5.48  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | 0.02   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -7.37  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 14.72  | 0.0038  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 0.09   | 0.0000  | >=-2.5 & <=2.5 | Pass |



## 2.1.7 30\_S\_70M

| 5G NR n77a SCS=30kHz SISO 70MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -12.71           | -0.0033               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -10.73           | -0.0028               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -3.77            | -0.0010               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -0.57            | -0.0001               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 2.56             | 0.0007                | >=-2.5 & <=2.5 | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                          |      |
|--------------------|------|------------|-----|----|--------|---------|--------------------------|------|
|                    |      |            | 0   | NV | -0.70  | -0.0002 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | 3.81   | 0.0010  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -6.80  | -0.0018 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -9.62  | -0.0025 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | 1.80   | 0.0005  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -9.29  | -0.0024 | $\geq -2.5$ & $\leq 2.5$ | Pass |
| DFT-s-OFDM QPSK    | 3840 | Outer_Full | 20  | LV | -7.41  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -7.99  | -0.0021 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | -5.99  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | -10.79 | -0.0028 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -3.45  | -0.0009 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -14.46 | -0.0038 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | 4.48   | 0.0012  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -7.44  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -15.12 | -0.0039 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -4.08  | -0.0011 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -3.89  | -0.0010 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     |    |        |         |                          |      |
| DFT-s-OFDM 16 QAM  | 3840 | Outer_Full | 20  | LV | -10.41 | -0.0027 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -4.02  | -0.0010 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | 0.54   | 0.0001  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | 3.21   | 0.0008  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -6.33  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -3.62  | -0.0009 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | 5.46   | 0.0014  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -14.93 | -0.0039 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -3.59  | -0.0009 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -4.43  | -0.0012 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -8.98  | -0.0023 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     |    |        |         |                          |      |
| DFT-s-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | 5.78   | 0.0015  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | 6.07   | 0.0016  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | 1.88   | 0.0005  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | 2.23   | 0.0006  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | 10.62  | 0.0028  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -12.40 | -0.0032 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -11.28 | -0.0029 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -11.38 | -0.0030 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -7.14  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -13.35 | -0.0035 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -8.74  | -0.0023 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     |    |        |         |                          |      |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -10.07 | -0.0026 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | -4.46  | -0.0012 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | -0.19  | 0.0000  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | 1.49   | 0.0004  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | -3.29  | -0.0009 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -11.87 | -0.0031 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -10.85 | -0.0028 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | -6.13  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -6.99  | -0.0018 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | -7.24  | -0.0019 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -10.14 | -0.0026 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     |    |        |         |                          |      |
| CP-OFDM QPSK       | 3840 | Outer_Full | 20  | LV | 0.09   | 0.0000  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     | HV | 4.05   | 0.0011  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -30 | NV | 11.55  | 0.0030  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -20 | NV | -3.18  | -0.0008 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | -10 | NV | 0.36   | 0.0001  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 0   | NV | -8.19  | -0.0021 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 10  | NV | -14.39 | -0.0037 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 20  | NV | 1.72   | 0.0004  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 30  | NV | -5.93  | -0.0015 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 40  | NV | 5.31   | 0.0014  | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            | 50  | NV | -5.98  | -0.0016 | $\geq -2.5$ & $\leq 2.5$ | Pass |
|                    |      |            |     |    |        |         |                          |      |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 20  | LV | 0.74   | 0.0002  | $\geq -2.5$ & $\leq 2.5$ | Pass |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                 |      |            |     |    |        |         |                |      |
|-----------------|------|------------|-----|----|--------|---------|----------------|------|
|                 |      |            |     | HV | -9.18  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 0.12   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -2.72  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -1.14  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -6.38  | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -6.76  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -5.64  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -13.51 | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -6.95  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -0.05  | 0.0000  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | 0.27   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | -7.20  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -11.86 | -0.0031 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -5.76  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -17.83 | -0.0046 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -6.53  | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -4.42  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -8.02  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -6.24  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -8.31  | -0.0022 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 50  | NV | -13.42 | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | LV | -2.84  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | -11.88 | -0.0031 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -13.81 | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -9.72  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -17.28 | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | 0.40   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -12.73 | -0.0033 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | 5.33   | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | 0.12   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -5.78  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -10.77 | -0.0028 | >=-2.5 & <=2.5 | Pass |

### 2.1.8 30\_S\_80M

| 5G NR n77a SCS=30kHz SISO 80MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | -12.94           | -0.0034               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -9.06            | -0.0024               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -20.24           | -0.0053               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -4.08            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 4.51             | 0.0012                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -10.16           | -0.0026               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -9.40            | -0.0024               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -4.99            | -0.0013               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 3.84             | 0.0010                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -17.71           | -0.0046               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 3840            | Outer_Full    | 50         | NV    | -3.07            | -0.0008               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | LV    | -1.01            | -0.0003               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -2.68            | -0.0007               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -0.27            | -0.0001               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -14.13           | -0.0037               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -2.26            | -0.0006               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -0.62            | -0.0002               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -12.95           | -0.0034               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -2.75            | -0.0007               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -2.26            | -0.0006               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 3840            | Outer_Full    | 40         | NV    | -22.68           | -0.0059               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 50         | NV    | -6.99            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | LV    | -2.31            | -0.0006               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -4.93            | -0.0013               | >=-2.5 & <=2.5 | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                |      |
|--------------------|------|------------|-----|----|--------|---------|----------------|------|
|                    |      |            | -30 | NV | -2.45  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -14.14 | -0.0037 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -15.82 | -0.0041 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -10.56 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -10.10 | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -1.15  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 0.26   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -7.92  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -10.65 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | -4.02  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -4.78  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -8.33  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -3.27  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -14.06 | -0.0037 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -16.18 | -0.0042 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -0.61  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -0.29  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -11.75 | -0.0031 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -7.55  | -0.0020 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -0.92  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -11.03 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -2.80  | -0.0007 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | -30 | NV | -17.19 | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 4.89   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -7.14  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -1.73  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 1.00   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -9.58  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -8.51  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -9.60  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -1.76  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -16.68 | -0.0043 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 8.19   | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -11.66 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -4.31  | -0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | -10 | NV | -13.83 | -0.0036 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -11.46 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 8.04   | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -15.24 | -0.0040 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -6.80  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -0.07  | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -9.54  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | 13.32  | 0.0035  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 0.84   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -2.10  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -5.36  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 3.20   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -5.07  | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 10  | NV | 3.12   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -8.63  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -4.22  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 4.08   | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | -15.16 | -0.0039 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | LV | -8.11  | -0.0021 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -8.78  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | 2.90   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -11.58 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 0.24   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -9.96  | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 2.48   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -11.44 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM     | 3840 | Outer_Full | 30  | NV | -0.88  | -0.0002 | >=-2.5 & <=2.5 | Pass |

|                 |      |            |     |    |        |         |                |      |
|-----------------|------|------------|-----|----|--------|---------|----------------|------|
| CP-OFDM 256 QAM | 3840 | Outer_Full | 40  | NV | -17.12 | -0.0045 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -10.89 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | LV | -9.45  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | -5.69  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | 2.51   | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -6.13  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 0.01   | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -7.22  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -9.17  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -5.15  | -0.0013 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -13.32 | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 1.06   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | 2.24   | 0.0006  | >=-2.5 & <=2.5 | Pass |

### 2.1.9 30\_S\_90M

| 5G NR n77a SCS=30kHz SISO 90MHz |                 |               |            |       |                  |                       |                |         |
|---------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                 |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK            | 3840            | Outer_Full    | 20         | LV    | 0.99             | 0.0003                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 5.39             | 0.0014                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | 1.73             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -11.54           | -0.0030               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | 2.11             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -7.36            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -9.75            | -0.0025               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -15.61           | -0.0041               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -5.92            | -0.0015               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 2.48             | 0.0006                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                 | 3840            | Outer_Full    | 20         | LV    | -10.60           | -0.0028               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 1.67             | 0.0004                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -1.90            | -0.0005               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | 2.19             | 0.0006                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -12.31           | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -23.89           | -0.0062               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -7.42            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 4.64             | 0.0012                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | 4.65             | 0.0012                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -3.34            | -0.0009               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM               | 3840            | Outer_Full    | 20         | LV    | -4.73            | -0.0012               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | 9.36             | 0.0024                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -1.98            | -0.0005               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | -8.83            | -0.0023               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -6.15            | -0.0016               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -6.80            | -0.0018               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -6.71            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | 22.20            | 0.0058                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -5.72            | -0.0015               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | 2.01             | 0.0005                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM               | 3840            | Outer_Full    | 20         | LV    | -4.33            | -0.0011               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               |            | HV    | -16.49           | -0.0043               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -30        | NV    | -10.82           | -0.0028               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -20        | NV    | 2.86             | 0.0007                | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | -10        | NV    | -6.68            | -0.0017               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 0          | NV    | -7.21            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 10         | NV    | -12.91           | -0.0034               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 20         | NV    | -5.50            | -0.0014               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 30         | NV    | -8.17            | -0.0021               | >=-2.5 & <=2.5 | Pass    |
|                                 |                 |               | 40         | NV    | -15.84           | -0.0041               | >=-2.5 & <=2.5 | Pass    |

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |      |            |     |    |        |         |                |      |
|--------------------|------|------------|-----|----|--------|---------|----------------|------|
|                    |      |            | 50  | NV | 1.82   | 0.0005  | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -5.99  | -0.0016 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -8.65  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | 0.29   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -14.69 | -0.0038 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 0.25   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -2.10  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 0.82   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -9.99  | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -5.79  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | 4.10   | 0.0011  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | 20  | LV | 0.48   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 0.79   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -5.65  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | 0.81   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 1.12   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 1.81   | 0.0005  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -10.03 | -0.0026 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -0.74  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 5.34   | 0.0014  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -19.62 | -0.0051 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 20  | LV | 6.40   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 6.32   | 0.0016  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -9.49  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -6.70  | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | 10.85  | 0.0028  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 7.14   | 0.0019  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | -2.14  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -0.55  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 2.36   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -0.40  | -0.0001 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM     | 3840 | Outer_Full | 20  | LV | 2.79   | 0.0007  | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | -0.68  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -2.03  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -5.16  | -0.0013 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -8.87  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | 6.20   | 0.0016  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 7.72   | 0.0020  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | 6.89   | 0.0018  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | -11.70 | -0.0030 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -2.47  | -0.0006 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM    | 3840 | Outer_Full | 20  | LV | -6.93  | -0.0018 | >=-2.5 & <=2.5 | Pass |
|                    |      |            |     | HV | 6.83   | 0.0018  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -30 | NV | -2.07  | -0.0005 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -20 | NV | -9.25  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | -10 | NV | -1.12  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 0   | NV | -8.52  | -0.0022 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 10  | NV | 9.79   | 0.0025  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 20  | NV | -7.55  | -0.0020 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 30  | NV | 7.15   | 0.0019  | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 40  | NV | -16.80 | -0.0044 | >=-2.5 & <=2.5 | Pass |
|                    |      |            | 50  | NV | 5.21   | 0.0014  | >=-2.5 & <=2.5 | Pass |

## 2.1.10 30\_S\_100M

| 5G NR n77a SCS=30kHz SISO 100MHz |                 |               |            |       |                  |                       |       |         |
|----------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |       | Verdict |
|                                  |                 |               |            |       |                  | Result                | Limit |         |

### Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                      |      |            |     |    |        |         |                |      |
|----------------------|------|------------|-----|----|--------|---------|----------------|------|
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20  | LV | -0.13  | 0.0000  | >=-2.5 & <=2.5 | Pass |
|                      |      |            |     | HV | -2.89  | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -30 | NV | -4.36  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -20 | NV | 12.78  | 0.0033  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -10 | NV | -10.44 | -0.0027 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 0   | NV | 4.55   | 0.0012  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 10  | NV | -0.55  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | NV | 8.25   | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 30  | NV | 0.92   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 40  | NV | 2.20   | 0.0006  | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK      | 3840 | Outer_Full | 50  | NV | 9.12   | 0.0024  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | LV | -13.42 | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                      |      |            |     | HV | 14.55  | 0.0038  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -30 | NV | 1.11   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -20 | NV | 0.54   | 0.0001  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -10 | NV | -1.35  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 0   | NV | -5.36  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 10  | NV | -4.61  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | NV | -0.88  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 30  | NV | -8.05  | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM    | 3840 | Outer_Full | 40  | NV | 4.09   | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 50  | NV | -4.73  | -0.0012 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | LV | -4.37  | -0.0011 | >=-2.5 & <=2.5 | Pass |
|                      |      |            |     | HV | 1.11   | 0.0003  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -30 | NV | -10.70 | -0.0028 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -20 | NV | 4.84   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -10 | NV | 10.25  | 0.0027  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 0   | NV | 3.60   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 10  | NV | -3.84  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | NV | -9.78  | -0.0025 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM    | 3840 | Outer_Full | 30  | NV | 8.29   | 0.0022  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 40  | NV | 3.93   | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 50  | NV | 0.78   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | LV | 8.20   | 0.0021  | >=-2.5 & <=2.5 | Pass |
|                      |      |            |     | HV | 16.05  | 0.0042  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -30 | NV | -19.53 | -0.0051 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -20 | NV | 8.29   | 0.0022  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -10 | NV | 3.15   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 0   | NV | 3.23   | 0.0008  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 10  | NV | -9.06  | -0.0024 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM   | 3840 | Outer_Full | 20  | NV | 3.58   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 30  | NV | 6.55   | 0.0017  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 40  | NV | -19.57 | -0.0051 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 50  | NV | -12.37 | -0.0032 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | LV | -7.23  | -0.0019 | >=-2.5 & <=2.5 | Pass |
|                      |      |            |     | HV | -1.26  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -30 | NV | -2.73  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -20 | NV | 2.15   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -10 | NV | 3.55   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 0   | NV | 3.58   | 0.0009  | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK         | 3840 | Outer_Full | 10  | NV | -11.89 | -0.0031 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | NV | -3.16  | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 30  | NV | 3.79   | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 40  | NV | -2.32  | -0.0006 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 50  | NV | 3.58   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 20  | LV | -0.54  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                      |      |            |     | HV | 4.96   | 0.0013  | >=-2.5 & <=2.5 | Pass |
|                      |      | Outer_Full | -30 | NV | -5.75  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -20 | NV | 5.77   | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                      |      |            | -10 | NV | -5.34  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 0   | NV | -9.73  | -0.0025 | >=-2.5 & <=2.5 | Pass |
|                      |      |            | 10  | NV | -0.94  | -0.0002 | >=-2.5 & <=2.5 | Pass |

|                 |      |            |     |    |        |         |                |      |
|-----------------|------|------------|-----|----|--------|---------|----------------|------|
|                 |      |            | 20  | NV | 3.56   | 0.0009  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -8.95  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -12.69 | -0.0033 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -1.41  | -0.0004 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM  | 3840 | Outer_Full | 20  | LV | 0.63   | 0.0002  | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | -0.60  | -0.0002 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -3.62  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -6.49  | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | -1.63  | -0.0004 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -5.80  | -0.0015 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | -1.22  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | 4.61   | 0.0012  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -0.28  | -0.0001 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -5.31  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -3.92  | -0.0010 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | -6.55  | -0.0017 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | -10.97 | -0.0029 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -13.07 | -0.0034 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | -2.79  | -0.0007 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 5.66   | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -5.20  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | 5.80   | 0.0015  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -13.42 | -0.0035 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -3.92  | -0.0010 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | -9.26  | -0.0024 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -7.73  | -0.0020 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | -8.65  | -0.0023 | >=-2.5 & <=2.5 | Pass |
|                 |      |            |     | HV | 3.84   | 0.0010  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -30 | NV | -1.22  | -0.0003 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -20 | NV | 1.55   | 0.0004  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | -10 | NV | 11.90  | 0.0031  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 0   | NV | -2.89  | -0.0008 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 10  | NV | 4.20   | 0.0011  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 20  | NV | -3.42  | -0.0009 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 30  | NV | -5.40  | -0.0014 | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 40  | NV | 2.14   | 0.0006  | >=-2.5 & <=2.5 | Pass |
|                 |      |            | 50  | NV | -9.26  | -0.0024 | >=-2.5 & <=2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 30\_S\_10M\_NTNV

| 5G NR n77a SCS=30kHz SISO 10MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3705            | Outer_Full    | 8.58                | 9.51                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.62                | 9.19                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.59                | 9.55                 | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3705            | Outer_Full    | 8.61                | 9.32                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.54                | 9.66                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.60                | 9.42                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3705            | Outer_Full    | 8.57                | 9.35                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.58                | 9.44                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.60                | 9.27                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3705            | Outer_Full    | 8.54                | 9.50                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.47                | 9.25                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.54                | 9.45                 | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3705            | Outer_Full    | 8.61                | 9.38                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.61                | 9.35                 | /           | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                 |      |            |      |      |   |      |
|-----------------|------|------------|------|------|---|------|
|                 | 3975 | Outer_Full | 8.59 | 9.47 | / | Pass |
| CP-OFDM QPSK    | 3705 | Outer_Full | 8.57 | 9.62 | / | Pass |
|                 | 3840 | Outer_Full | 8.56 | 9.65 | / | Pass |
|                 | 3975 | Outer_Full | 8.57 | 9.58 | / | Pass |
| CP-OFDM 16 QAM  | 3705 | Outer_Full | 8.62 | 9.47 | / | Pass |
|                 | 3840 | Outer_Full | 8.59 | 9.49 | / | Pass |
|                 | 3975 | Outer_Full | 8.59 | 9.49 | / | Pass |
| CP-OFDM 64 QAM  | 3705 | Outer_Full | 8.55 | 9.41 | / | Pass |
|                 | 3840 | Outer_Full | 8.56 | 9.56 | / | Pass |
|                 | 3975 | Outer_Full | 8.54 | 9.28 | / | Pass |
| CP-OFDM 256 QAM | 3705 | Outer_Full | 8.59 | 9.24 | / | Pass |
|                 | 3840 | Outer_Full | 8.58 | 9.19 | / | Pass |
|                 | 3975 | Outer_Full | 8.58 | 9.41 | / | Pass |

### 3.1.2 30\_S\_20M\_NTNV

| 5G NR n77a SCS=30kHz SISO 20MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3710.01         | Outer_Full    | 17.86               | 18.79                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 17.86               | 18.80                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 17.87               | 18.95                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3710.01         | Outer_Full    | 17.75               | 19.35                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 17.89               | 19.45                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 17.84               | 18.81                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3710.01         | Outer_Full    | 17.75               | 19.11                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 17.89               | 18.81                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 17.77               | 18.95                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3710.01         | Outer_Full    | 17.69               | 18.86                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 17.83               | 18.63                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 17.84               | 19.12                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3710.01         | Outer_Full    | 17.80               | 18.71                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 17.81               | 18.67                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 17.89               | 18.60                | /           | Pass    |
| CP-OFDM QPSK                        | 3710.01         | Outer_Full    | 18.17               | 19.35                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.24               | 19.31                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.12               | 19.59                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3710.01         | Outer_Full    | 18.18               | 19.53                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.20               | 19.46                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.18               | 18.81                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3710.01         | Outer_Full    | 18.25               | 19.52                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.18               | 19.22                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.30               | 19.06                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3710.01         | Outer_Full    | 18.22               | 19.49                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.25               | 19.54                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.18               | 19.05                | /           | Pass    |

### 3.1.3 30\_S\_30M\_NTNV

| 5G NR n77a SCS=30kHz SISO 30MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3715.02         | Outer_Full    | 26.80               | 27.90                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 26.77               | 27.74                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 26.75               | 28.15                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3715.02         | Outer_Full    | 26.86               | 28.16                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 26.73               | 27.70                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 26.80               | 27.91                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3715.02         | Outer_Full    | 26.88               | 28.69                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 26.84               | 27.92                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 26.90               | 28.14                | /           | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |         |            |       |       |   |      |
|--------------------|---------|------------|-------|-------|---|------|
| DFT-s-OFDM 64 QAM  | 3715.02 | Outer_Full | 26.82 | 27.86 | / | Pass |
|                    | 3840    | Outer_Full | 25.88 | 27.64 | / | Pass |
|                    | 3964.98 | Outer_Full | 26.77 | 28.00 | / | Pass |
| DFT-s-OFDM 256 QAM | 3715.02 | Outer_Full | 26.80 | 28.04 | / | Pass |
|                    | 3840    | Outer_Full | 26.74 | 28.05 | / | Pass |
|                    | 3964.98 | Outer_Full | 26.87 | 27.94 | / | Pass |
| CP-OFDM QPSK       | 3715.02 | Outer_Full | 27.84 | 29.41 | / | Pass |
|                    | 3840    | Outer_Full | 27.77 | 29.04 | / | Pass |
|                    | 3964.98 | Outer_Full | 27.92 | 29.20 | / | Pass |
| CP-OFDM 16 QAM     | 3715.02 | Outer_Full | 27.81 | 28.73 | / | Pass |
|                    | 3840    | Outer_Full | 27.78 | 28.83 | / | Pass |
|                    | 3964.98 | Outer_Full | 27.85 | 29.10 | / | Pass |
| CP-OFDM 64 QAM     | 3715.02 | Outer_Full | 27.84 | 28.77 | / | Pass |
|                    | 3840    | Outer_Full | 27.52 | 28.83 | / | Pass |
|                    | 3964.98 | Outer_Full | 27.84 | 29.13 | / | Pass |
| CP-OFDM 256 QAM    | 3715.02 | Outer_Full | 27.95 | 29.09 | / | Pass |
|                    | 3840    | Outer_Full | 27.75 | 29.03 | / | Pass |
|                    | 3964.98 | Outer_Full | 27.90 | 29.23 | / | Pass |

### 3.1.4 30\_S\_40M\_NTNV

| 5G NR n77a SCS=30kHz SISO 40MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3720            | Outer_Full    | 35.84               | 37.77                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 35.91               | 38.22                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 35.99               | 38.17                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3720            | Outer_Full    | 36.06               | 38.49                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 36.07               | 37.78                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 35.80               | 38.07                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3720            | Outer_Full    | 35.89               | 38.19                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 36.08               | 38.15                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 36.02               | 37.97                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3720            | Outer_Full    | 36.01               | 37.99                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 35.98               | 38.02                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 36.13               | 38.14                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3720            | Outer_Full    | 35.80               | 38.38                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 35.92               | 38.23                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 35.95               | 38.21                | /           | Pass    |
| CP-OFDM QPSK                        | 3720            | Outer_Full    | 37.90               | 40.24                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.11               | 40.32                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.00               | 40.27                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3720            | Outer_Full    | 38.10               | 40.12                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.02               | 40.60                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.05               | 40.19                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3720            | Outer_Full    | 38.00               | 40.38                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.02               | 40.18                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.06               | 40.14                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3720            | Outer_Full    | 38.18               | 40.23                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.04               | 40.25                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.05               | 40.20                | /           | Pass    |

### 3.1.5 30\_S\_50M\_NTNV

| 5G NR n77a SCS=30kHz SISO 50MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3725.01         | Outer_Full    | 45.79               | 48.38                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 45.95               | 48.22                | /           | Pass    |
|                                     | 3954.99         | Outer_Full    | 45.76               | 48.17                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3725.01         | Outer_Full    | 46.21               | 48.34                | /           | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                    |         |            |       |       |   |      |
|--------------------|---------|------------|-------|-------|---|------|
|                    | 3840    | Outer_Full | 45.97 | 48.22 | / | Pass |
|                    | 3954.99 | Outer_Full | 45.89 | 48.24 | / | Pass |
|                    | 3725.01 | Outer_Full | 45.78 | 48.52 | / | Pass |
| DFT-s-OFDM 16 QAM  | 3840    | Outer_Full | 45.96 | 48.09 | / | Pass |
|                    | 3954.99 | Outer_Full | 45.83 | 48.52 | / | Pass |
|                    | 3725.01 | Outer_Full | 45.96 | 48.07 | / | Pass |
| DFT-s-OFDM 64 QAM  | 3840    | Outer_Full | 45.97 | 48.39 | / | Pass |
|                    | 3954.99 | Outer_Full | 46.15 | 48.16 | / | Pass |
|                    | 3725.01 | Outer_Full | 46.23 | 48.29 | / | Pass |
| DFT-s-OFDM 256 QAM | 3840    | Outer_Full | 45.97 | 48.14 | / | Pass |
|                    | 3954.99 | Outer_Full | 45.96 | 47.96 | / | Pass |
|                    | 3725.01 | Outer_Full | 47.69 | 50.08 | / | Pass |
| CP-OFDM QPSK       | 3840    | Outer_Full | 47.70 | 50.07 | / | Pass |
|                    | 3954.99 | Outer_Full | 47.49 | 49.93 | / | Pass |
|                    | 3725.01 | Outer_Full | 47.44 | 49.82 | / | Pass |
| CP-OFDM 16 QAM     | 3840    | Outer_Full | 47.51 | 50.08 | / | Pass |
|                    | 3954.99 | Outer_Full | 47.58 | 49.85 | / | Pass |
|                    | 3725.01 | Outer_Full | 47.65 | 49.96 | / | Pass |
| CP-OFDM 64 QAM     | 3840    | Outer_Full | 47.84 | 50.08 | / | Pass |
|                    | 3954.99 | Outer_Full | 47.46 | 49.86 | / | Pass |
|                    | 3725.01 | Outer_Full | 47.65 | 49.97 | / | Pass |
| CP-OFDM 256 QAM    | 3840    | Outer_Full | 47.83 | 49.60 | / | Pass |
|                    | 3954.99 | Outer_Full | 47.57 | 49.99 | / | Pass |
|                    |         |            |       |       |   |      |

### 3.1.6 30\_S\_60M\_NTNV

| 5G NR n77a SCS=30kHz SISO 60MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Outer_Full    | 57.90               | 60.33                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 40.52               | 42.04                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.06               | 60.61                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3730.02         | Outer_Full    | 58.07               | 60.38                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.09               | 60.49                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.12               | 60.85                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3730.02         | Outer_Full    | 57.92               | 60.16                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.12               | 60.88                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.55               | 60.32                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3730.02         | Outer_Full    | 57.87               | 60.54                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 57.91               | 60.80                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 57.43               | 60.60                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3730.02         | Outer_Full    | 57.95               | 60.52                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.14               | 60.59                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.00               | 60.54                | /           | Pass    |
| CP-OFDM QPSK                        | 3730.02         | Outer_Full    | 57.85               | 60.53                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 57.87               | 60.52                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 57.86               | 60.54                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3730.02         | Outer_Full    | 58.07               | 60.44                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 57.88               | 60.53                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 57.69               | 60.45                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3730.02         | Outer_Full    | 57.92               | 60.59                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 57.94               | 60.61                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 57.91               | 60.68                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3730.02         | Outer_Full    | 57.88               | 60.32                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.17               | 62.46                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 57.90               | 60.37                | /           | Pass    |

### 3.1.7 30\_S\_70M\_NTNV

| 5G NR n77a SCS=30kHz SISO 70MHz NTN |           |    |               |                |       |         |
|-------------------------------------|-----------|----|---------------|----------------|-------|---------|
| Modulation                          | Frequency | RB | 99% Bandwidth | 26dB Bandwidth | Limit | Verdict |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                      | (MHz) | Allocation | (MHz) | (MHz) | (MHz) |      |
|----------------------|-------|------------|-------|-------|-------|------|
| DFT-s-OFDM PI/2 BPSK | 3735  | Outer_Full | 64.22 | 66.89 | /     | Pass |
|                      | 3840  | Outer_Full | 64.76 | 68.90 | /     | Pass |
|                      | 3945  | Outer_Full | 64.37 | 66.92 | /     | Pass |
| DFT-s-OFDM QPSK      | 3735  | Outer_Full | 64.28 | 66.74 | /     | Pass |
|                      | 3840  | Outer_Full | 64.50 | 66.93 | /     | Pass |
|                      | 3945  | Outer_Full | 64.46 | 67.08 | /     | Pass |
| DFT-s-OFDM 16 QAM    | 3735  | Outer_Full | 64.51 | 66.84 | /     | Pass |
|                      | 3840  | Outer_Full | 64.19 | 66.93 | /     | Pass |
|                      | 3945  | Outer_Full | 64.13 | 66.70 | /     | Pass |
| DFT-s-OFDM 64 QAM    | 3735  | Outer_Full | 64.30 | 67.04 | /     | Pass |
|                      | 3840  | Outer_Full | 64.01 | 66.98 | /     | Pass |
|                      | 3945  | Outer_Full | 64.34 | 67.11 | /     | Pass |
| DFT-s-OFDM 256 QAM   | 3735  | Outer_Full | 64.41 | 66.98 | /     | Pass |
|                      | 3840  | Outer_Full | 64.60 | 67.27 | /     | Pass |
|                      | 3945  | Outer_Full | 64.16 | 66.96 | /     | Pass |
| CP-OFDM QPSK         | 3735  | Outer_Full | 67.52 | 70.20 | /     | Pass |
|                      | 3840  | Outer_Full | 67.55 | 70.25 | /     | Pass |
|                      | 3945  | Outer_Full | 67.45 | 70.37 | /     | Pass |
| CP-OFDM 16 QAM       | 3735  | Outer_Full | 67.19 | 70.26 | /     | Pass |
|                      | 3840  | Outer_Full | 67.50 | 70.40 | /     | Pass |
|                      | 3945  | Outer_Full | 67.53 | 70.08 | /     | Pass |
| CP-OFDM 64 QAM       | 3735  | Outer_Full | 67.46 | 70.64 | /     | Pass |
|                      | 3840  | Outer_Full | 67.41 | 70.24 | /     | Pass |
|                      | 3945  | Outer_Full | 67.52 | 70.44 | /     | Pass |
| CP-OFDM 256 QAM      | 3735  | Outer_Full | 67.61 | 70.18 | /     | Pass |
|                      | 3840  | Outer_Full | 67.75 | 70.04 | /     | Pass |
|                      | 3945  | Outer_Full | 67.41 | 70.08 | /     | Pass |

### 3.1.8 30\_S\_80M\_NTNV

| 5G NR n77a SCS=30kHz SISO 80MHz NTNv |                 |               |                     |                      |             |         |
|--------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3740.01         | Outer_Full    | 77.17               | 80.06                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.13               | 80.08                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 76.12               | 79.66                | /           | Pass    |
| DFT-s-OFDM QPSK                      | 3740.01         | Outer_Full    | 77.29               | 79.95                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.63               | 81.99                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 76.93               | 79.94                | /           | Pass    |
| DFT-s-OFDM 16 QAM                    | 3740.01         | Outer_Full    | 77.08               | 80.08                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 76.91               | 79.97                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 77.11               | 80.00                | /           | Pass    |
| DFT-s-OFDM 64 QAM                    | 3740.01         | Outer_Full    | 77.08               | 79.78                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.22               | 79.84                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 77.09               | 80.22                | /           | Pass    |
| DFT-s-OFDM 256 QAM                   | 3740.01         | Outer_Full    | 77.16               | 79.94                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 76.86               | 79.95                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 77.18               | 79.89                | /           | Pass    |
| CP-OFDM QPSK                         | 3740.01         | Outer_Full    | 77.48               | 80.29                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.59               | 80.52                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 77.42               | 80.33                | /           | Pass    |
| CP-OFDM 16 QAM                       | 3740.01         | Outer_Full    | 77.37               | 80.26                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.12               | 80.33                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 77.54               | 80.39                | /           | Pass    |
| CP-OFDM 64 QAM                       | 3740.01         | Outer_Full    | 77.56               | 80.31                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.52               | 80.09                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 77.19               | 80.37                | /           | Pass    |
| CP-OFDM 256 QAM                      | 3740.01         | Outer_Full    | 77.65               | 80.42                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 77.18               | 80.22                | /           | Pass    |
|                                      | 3939.99         | Outer_Full    | 76.82               | 80.11                | /           | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

### 3.1.9 30\_S\_90M\_NTNV

| 5G NR n77a SCS=30kHz SISO 90MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Outer_Full    | 86.60               | 89.70                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 86.98               | 89.69                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 86.31               | 89.52                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3745.02         | Outer_Full    | 86.67               | 89.59                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 86.88               | 89.72                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 86.65               | 89.72                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3745.02         | Outer_Full    | 86.76               | 89.68                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 86.77               | 89.83                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 86.91               | 89.78                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3745.02         | Outer_Full    | 86.89               | 89.67                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 86.81               | 89.52                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 86.88               | 89.48                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3745.02         | Outer_Full    | 86.61               | 89.70                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 86.87               | 89.73                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 86.63               | 89.63                | /           | Pass    |
| CP-OFDM QPSK                        | 3745.02         | Outer_Full    | 87.21               | 90.49                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.46               | 90.43                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.57               | 90.73                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3745.02         | Outer_Full    | 87.73               | 90.31                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.10               | 90.33                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.46               | 90.50                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3745.02         | Outer_Full    | 87.84               | 90.46                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.10               | 90.32                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 86.99               | 90.29                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3745.02         | Outer_Full    | 86.86               | 90.41                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.46               | 90.45                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.44               | 90.41                | /           | Pass    |

### 3.1.10 30\_S\_100M\_NTNV

| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                 |               |                     |                      |             |         |
|--------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Outer_Full    | 96.29               | 99.52                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 96.15               | 99.32                | /           | Pass    |
|                                      | 3930            | Outer_Full    | 96.42               | 99.48                | /           | Pass    |
| DFT-s-OFDM QPSK                      | 3750            | Outer_Full    | 96.31               | 99.51                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 96.16               | 99.48                | /           | Pass    |
|                                      | 3930            | Outer_Full    | 96.52               | 99.40                | /           | Pass    |
| DFT-s-OFDM 16 QAM                    | 3750            | Outer_Full    | 96.11               | 99.57                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 96.39               | 99.42                | /           | Pass    |
|                                      | 3930            | Outer_Full    | 96.27               | 99.42                | /           | Pass    |
| DFT-s-OFDM 64 QAM                    | 3750            | Outer_Full    | 96.52               | 99.39                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 96.49               | 99.46                | /           | Pass    |
|                                      | 3930            | Outer_Full    | 96.69               | 99.57                | /           | Pass    |
| DFT-s-OFDM 256 QAM                   | 3750            | Outer_Full    | 96.30               | 99.22                | /           | Pass    |
|                                      | 3840            | Outer_Full    | 96.64               | 99.43                | /           | Pass    |
|                                      | 3930            | Outer_Full    | 96.58               | 99.80                | /           | Pass    |
| CP-OFDM QPSK                         | 3750            | Outer_Full    | 97.58               | 102.55               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.58               | 102.13               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.66               | 102.33               | /           | Pass    |
| CP-OFDM 16 QAM                       | 3750            | Outer_Full    | 98.12               | 102.44               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.83               | 102.17               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.26               | 102.10               | /           | Pass    |
| CP-OFDM 64 QAM                       | 3750            | Outer_Full    | 97.52               | 102.14               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.96               | 102.41               | /           | Pass    |

**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

|                 |      |            |       |        |   |      |
|-----------------|------|------------|-------|--------|---|------|
| CP-OFDM 256 QAM | 3930 | Outer_Full | 97.50 | 102.34 | / | Pass |
|                 | 3750 | Outer_Full | 97.45 | 102.56 | / | Pass |
|                 | 3840 | Outer_Full | 97.68 | 102.27 | / | Pass |
|                 | 3930 | Outer_Full | 97.48 | 102.46 | / | Pass |

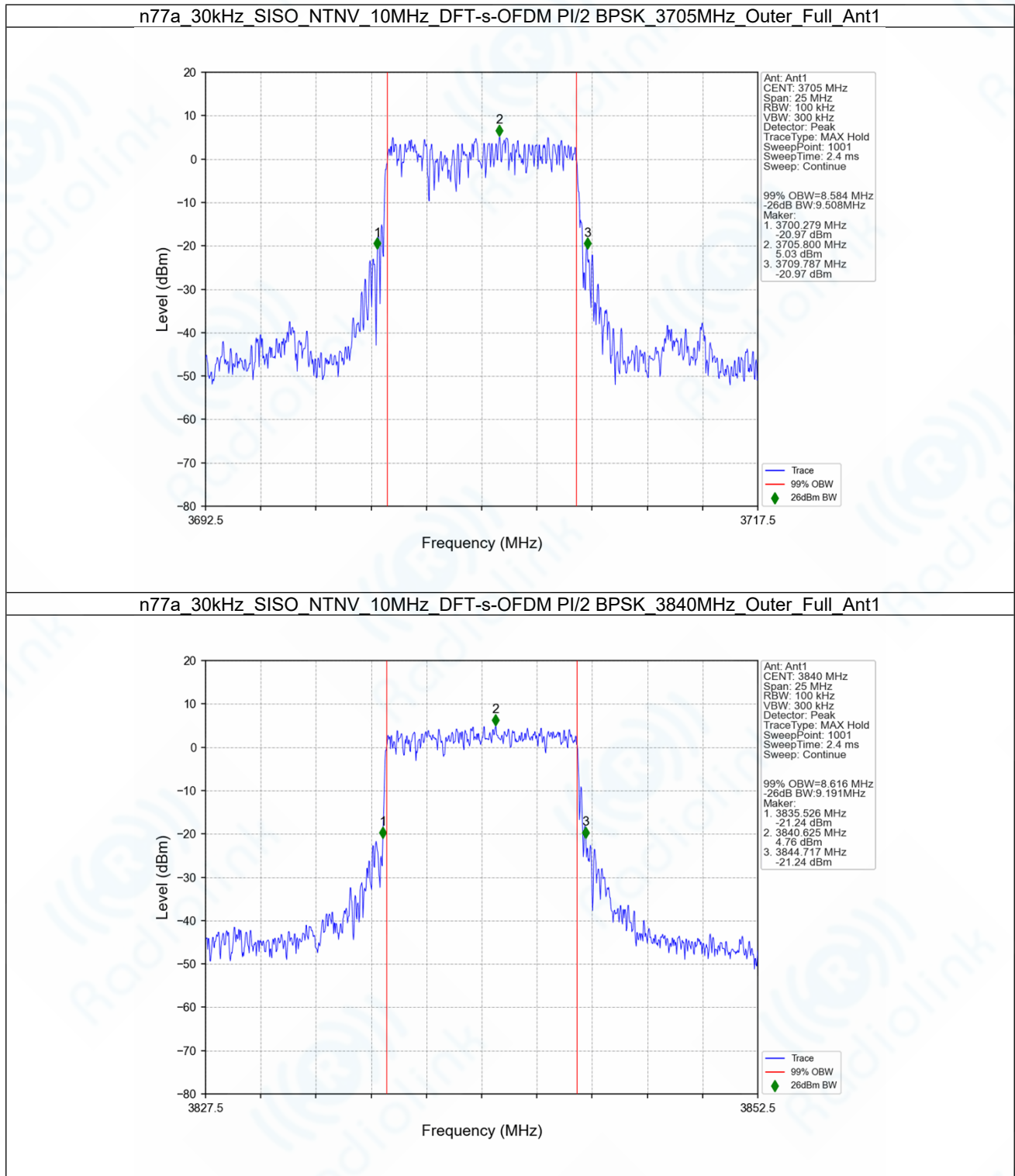


**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

## 3.2 Test Graph

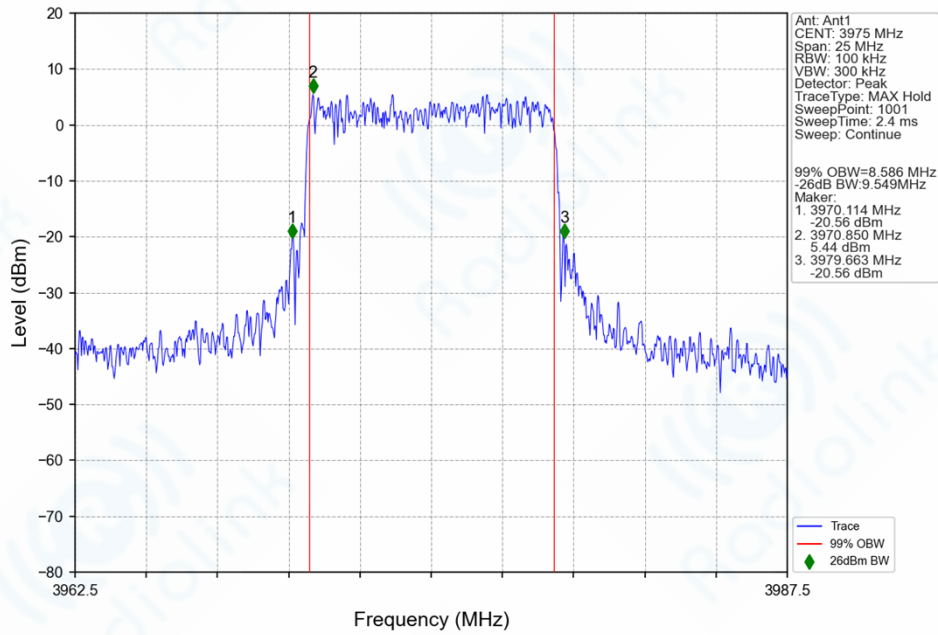
### 3.2.1 30\_S\_10M\_NTNV



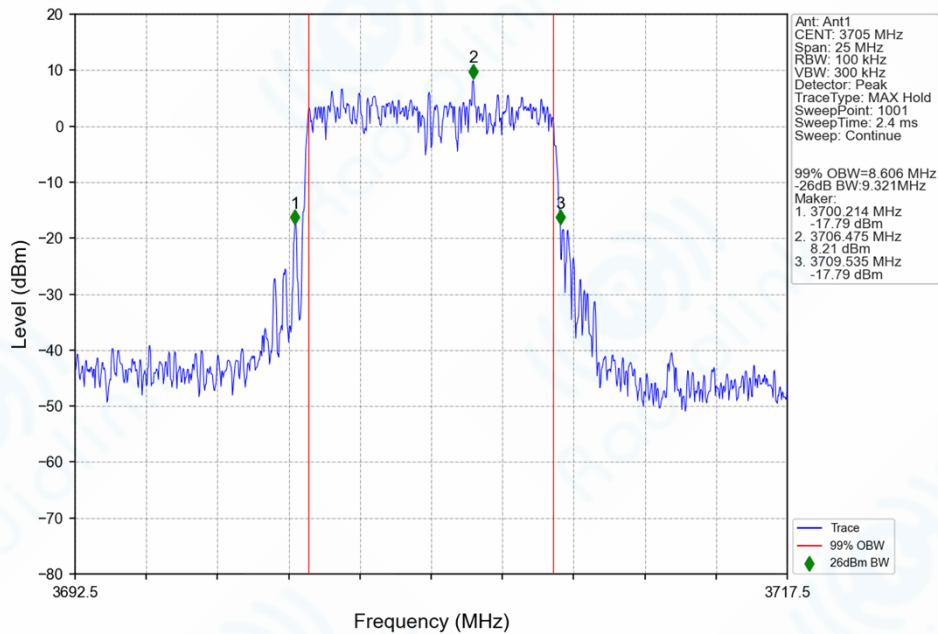
**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694

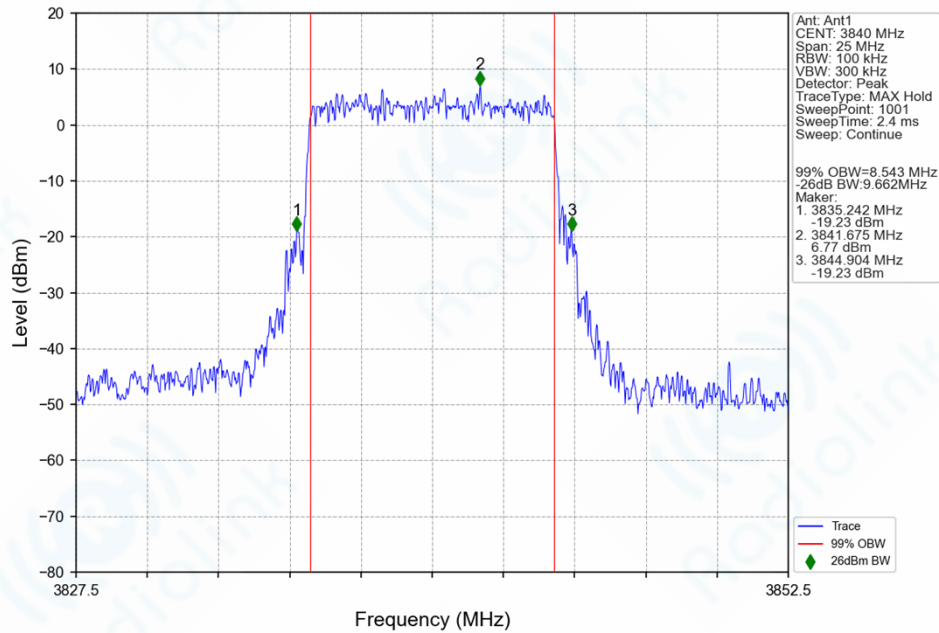
n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3975MHz\_Outer\_Full\_Ant1



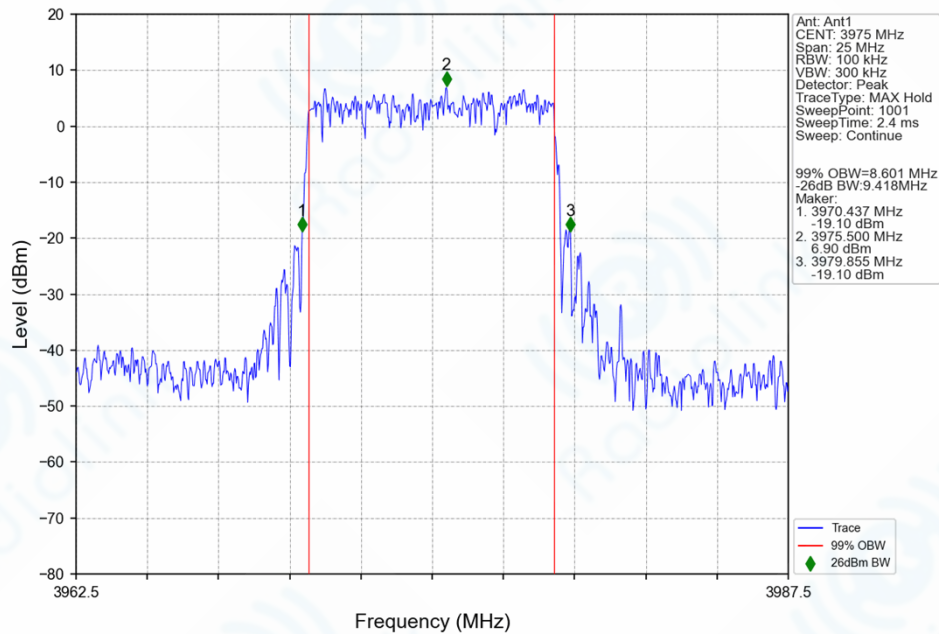
n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3705MHz\_Outer\_Full\_Ant1



n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Outer\_Full\_Ant1



n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3975MHz\_Outer\_Full\_Ant1


**Radiolink Testing (Shenzhen) Co., Ltd.**

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,  
Shenzhen, Guangdong Province, China  
Tel: +86 0755 23080694