

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

### 1.1 Test Result

#### 1.1.1 CA\_5B\_NTNV\_ERP

| Band: CA_5B / NTNV |                                |                        |                        |                       |        |       |               |            |         |         |
|--------------------|--------------------------------|------------------------|------------------------|-----------------------|--------|-------|---------------|------------|---------|---------|
| BW<br>(MHz)        | Modulation                     | Frequency<br>(MHz)     | RB<br>Allocation       | Conducted Power (dBm) |        |       | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |
|                    |                                |                        |                        | CC1                   | CC2    | Sum   |               | Result     | Limit   |         |
| CC1:3<br>CC2:5     | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.21                 | -20.81 | 23.21 | 1.50          | 22.56      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@0<br>CC2: 1@24  | 13.37                 | 2.22   | 13.70 | 1.50          | 13.05      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.37                 | 7.19   | 18.69 | 1.50          | 18.04      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 22.17                 | 18.56  | 23.74 | 1.50          | 23.09      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 22.10                 | 18.52  | 23.68 | 1.50          | 23.03      | <=38.45 | Pass    |
|                    |                                | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 23.23                 | -20.07 | 23.23 | 1.50          | 22.58      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@0<br>CC2: 1@24  | 13.29                 | 2.17   | 13.61 | 1.50          | 12.96      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.40                 | 7.16   | 18.72 | 1.50          | 18.07      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 23.09                 | 14.80  | 23.69 | 1.50          | 23.04      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 23.10                 | 14.69  | 23.68 | 1.50          | 23.03      | <=38.45 | Pass    |
|                    |                                | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0   | 23.28                 | -21.04 | 23.28 | 1.50          | 22.63      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@0<br>CC2: 1@24  | 13.35                 | 2.16   | 13.66 | 1.50          | 13.01      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.40                 | 7.23   | 18.72 | 1.50          | 18.07      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 23.09                 | 14.89  | 23.70 | 1.50          | 23.05      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 23.11                 | 14.79  | 23.71 | 1.50          | 23.06      | <=38.45 | Pass    |
|                    | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.88                 | -20.18 | 23.88 | 1.50          | 23.23      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@0<br>CC2: 1@24  | 13.74                 | 2.12   | 14.03 | 1.50          | 13.38      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.44                 | 7.26   | 18.76 | 1.50          | 18.11      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 23.33                 | 14.58  | 23.88 | 1.50          | 23.23      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 23.01                 | 14.72  | 23.61 | 1.50          | 22.96      | <=38.45 | Pass    |
|                    |                                | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 23.76                 | -19.27 | 23.76 | 1.50          | 23.11      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@0<br>CC2: 1@24  | 13.81                 | 2.20   | 14.10 | 1.50          | 13.45      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.52                 | 7.11   | 18.83 | 1.50          | 18.18      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 23.28                 | 14.90  | 23.87 | 1.50          | 23.22      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0              | 23.25                 | 14.91  | 23.84 | 1.50          | 23.19      | <=38.45 | Pass    |

|  |                                  |                        |                        |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|------------------------|-------|--------|-------|------|-------|---------|------|
|  |                                  | CC1:842.6<br>CC2:846.5 | CC2: 25@0              |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@0<br>CC2: 0@0   | 23.82 | -19.48 | 23.82 | 1.50 | 23.17 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@24  | 13.99 | 1.95   | 14.25 | 1.50 | 13.60 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.50 | 7.19   | 18.81 | 1.50 | 18.16 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 23.18 | 14.71  | 23.76 | 1.50 | 23.11 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 23.14 | 14.64  | 23.71 | 1.50 | 23.06 | <=38.45 | Pass |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.40 | -20.16 | 23.40 | 1.50 | 22.75 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@24  | 13.57 | 2.16   | 13.87 | 1.50 | 13.22 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.40 | 7.00   | 18.70 | 1.50 | 18.05 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 22.70 | 14.07  | 23.26 | 1.50 | 22.61 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 22.55 | 14.23  | 23.14 | 1.50 | 22.49 | <=38.45 | Pass |
|  |                                  | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 23.63 | -20.31 | 23.63 | 1.50 | 22.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@24  | 13.76 | 1.94   | 14.03 | 1.50 | 13.38 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.49 | 7.20   | 18.80 | 1.50 | 18.15 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 22.05 | 18.47  | 23.63 | 1.50 | 22.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 22.90 | 14.66  | 23.51 | 1.50 | 22.86 | <=38.45 | Pass |
|  |                                  | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0   | 23.57 | -20.48 | 23.57 | 1.50 | 22.92 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@24  | 13.62 | 1.71   | 13.89 | 1.50 | 13.24 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.51 | 7.25   | 18.82 | 1.50 | 18.17 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 22.36 | 13.92  | 22.94 | 1.50 | 22.29 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 22.31 | 13.81  | 22.89 | 1.50 | 22.24 | <=38.45 | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 22.67 | -20.40 | 22.67 | 1.50 | 22.02 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@24  | 13.62 | 1.83   | 13.90 | 1.50 | 13.25 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 21.13 | 12.78  | 21.72 | 1.50 | 21.07 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 21.82 | 13.41  | 22.41 | 1.50 | 21.76 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 21.80 | 13.43  | 22.39 | 1.50 | 21.74 | <=38.45 | Pass |
|  |                                  | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 23.08 | -19.55 | 23.08 | 1.50 | 22.43 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@24  | 13.51 | 2.41   | 13.84 | 1.50 | 13.19 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 21.46 | 10.13  | 21.77 | 1.50 | 21.12 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 22.33 | 14.06  | 22.94 | 1.50 | 22.29 | <=38.45 | Pass |

|                |                                |                        |                        |       |        |       |      |       |         |      |
|----------------|--------------------------------|------------------------|------------------------|-------|--------|-------|------|-------|---------|------|
|                |                                |                        | CC1: 15@0<br>CC2: 25@0 | 22.37 | 14.03  | 22.96 | 1.50 | 22.31 | <=38.45 | Pass |
|                |                                | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0   | 22.37 | -19.71 | 22.37 | 1.50 | 21.72 | <=38.45 | Pass |
|                |                                |                        | CC1: 1@0<br>CC2: 1@24  | 13.50 | 2.07   | 13.80 | 1.50 | 13.15 | <=38.45 | Pass |
|                |                                |                        | CC1: 8@0<br>CC2: 12@13 | 21.51 | 10.37  | 21.83 | 1.50 | 21.18 | <=38.45 | Pass |
|                |                                |                        | CC1: 8@7<br>CC2: 12@0  | 21.45 | 12.99  | 22.02 | 1.50 | 21.37 | <=38.45 | Pass |
|                |                                |                        | CC1: 15@0<br>CC2: 25@0 | 21.43 | 12.92  | 22.00 | 1.50 | 21.35 | <=38.45 | Pass |
|                |                                |                        |                        |       |        |       |      |       |         |      |
| CC1:5<br>CC2:3 | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 0@0   | 23.27 | -24.59 | 23.27 | 1.50 | 22.62 | <=38.45 | Pass |
|                |                                |                        | CC1: 1@0<br>CC2: 1@14  | 13.32 | 2.10   | 13.63 | 1.50 | 12.98 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.36 | 7.12   | 18.68 | 1.50 | 18.03 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.07 | 14.57  | 23.65 | 1.50 | 23.00 | <=38.45 | Pass |
|                |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.03 | 14.37  | 23.59 | 1.50 | 22.94 | <=38.45 | Pass |
|                |                                |                        |                        |       |        |       |      |       |         |      |
|                |                                | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0   | 23.24 | -23.55 | 23.24 | 1.50 | 22.59 | <=38.45 | Pass |
|                |                                |                        | CC1: 1@0<br>CC2: 1@14  | 13.30 | 2.21   | 13.62 | 1.50 | 12.97 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.40 | 7.18   | 18.72 | 1.50 | 18.07 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.05 | 14.99  | 23.68 | 1.50 | 23.03 | <=38.45 | Pass |
|                |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.10 | 14.95  | 23.72 | 1.50 | 23.07 | <=38.45 | Pass |
|                |                                |                        |                        |       |        |       |      |       |         |      |
|                |                                | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0   | 23.31 | -25.40 | 23.31 | 1.50 | 22.66 | <=38.45 | Pass |
|                |                                |                        | CC1: 1@0<br>CC2: 1@14  | 13.37 | 2.12   | 13.69 | 1.50 | 13.04 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.47 | 7.24   | 18.78 | 1.50 | 18.13 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.00 | 14.38  | 23.56 | 1.50 | 22.91 | <=38.45 | Pass |
|                |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.10 | 14.33  | 23.64 | 1.50 | 22.99 | <=38.45 | Pass |
|                |                                |                        |                        |       |        |       |      |       |         |      |
|                | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 0@0   | 23.82 | -24.40 | 23.82 | 1.50 | 23.17 | <=38.45 | Pass |
|                |                                |                        | CC1: 1@0<br>CC2: 1@14  | 14.03 | 1.88   | 14.29 | 1.50 | 13.64 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.50 | 7.28   | 18.82 | 1.50 | 18.17 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@13<br>CC2: 8@0 | 22.97 | 14.47  | 23.55 | 1.50 | 22.90 | <=38.45 | Pass |
|                |                                |                        | CC1: 25@0<br>CC2: 15@0 | 22.99 | 14.50  | 23.56 | 1.50 | 22.91 | <=38.45 | Pass |
|                |                                |                        |                        |       |        |       |      |       |         |      |
|                |                                | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0   | 23.79 | -23.35 | 23.79 | 1.50 | 23.14 | <=38.45 | Pass |
|                |                                |                        | CC1: 1@0<br>CC2: 1@14  | 13.97 | 1.91   | 14.23 | 1.50 | 13.58 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.48 | 7.15   | 18.79 | 1.50 | 18.14 | <=38.45 | Pass |
|                |                                |                        | CC1: 12@13             | 23.18 | 14.92  | 23.78 | 1.50 | 23.13 | <=38.45 | Pass |
|                |                                |                        |                        |       |        |       |      |       |         |      |
|                |                                |                        |                        |       |        |       |      |       |         |      |

|  |                                  |                        |                        |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|------------------------|-------|--------|-------|------|-------|---------|------|
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   |                        | CC2: 8@0               |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@0<br>CC2: 15@0 | 23.16 | 15.07  | 23.79 | 1.50 | 23.14 | <=38.45 | Pass |
|  |                                  | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0   | 23.65 | -25.39 | 23.65 | 1.50 | 23.00 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@14  | 13.85 | 2.17   | 14.14 | 1.50 | 13.49 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 8@7  | 18.51 | 7.26   | 18.82 | 1.50 | 18.17 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 8@0 | 23.15 | 14.46  | 23.70 | 1.50 | 23.05 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 15@0 | 23.16 | 14.44  | 23.71 | 1.50 | 23.06 | <=38.45 | Pass |
|  |                                  | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 0@0   | 23.53 | -24.62 | 23.53 | 1.50 | 22.88 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@14  | 13.58 | 2.03   | 13.88 | 1.50 | 13.23 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 8@7  | 18.46 | 7.14   | 18.77 | 1.50 | 18.12 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 8@0 | 22.55 | 13.99  | 23.11 | 1.50 | 22.46 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 15@0 | 21.45 | 17.78  | 23.00 | 1.50 | 22.35 | <=38.45 | Pass |
|  |                                  | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0   | 23.58 | -23.62 | 23.58 | 1.50 | 22.93 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@14  | 13.75 | 2.19   | 14.04 | 1.50 | 13.39 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 8@7  | 18.46 | 7.23   | 18.78 | 1.50 | 18.13 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 8@0 | 23.23 | 14.90  | 23.82 | 1.50 | 23.17 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 15@0 | 23.19 | 14.98  | 23.80 | 1.50 | 23.15 | <=38.45 | Pass |
|  |                                  | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0   | 23.48 | -25.58 | 23.48 | 1.50 | 22.83 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@14  | 13.71 | 1.75   | 13.98 | 1.50 | 13.33 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 8@7  | 18.48 | 7.35   | 18.80 | 1.50 | 18.15 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 8@0 | 22.76 | 13.83  | 23.28 | 1.50 | 22.63 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 15@0 | 23.13 | 14.42  | 23.68 | 1.50 | 23.03 | <=38.45 | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 0@0   | 17.15 | -0.66  | 17.22 | 1.50 | 16.57 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@14  | 13.59 | 2.13   | 13.89 | 1.50 | 13.24 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 8@7  | 21.48 | 10.20  | 21.80 | 1.50 | 21.15 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 8@0 | 21.64 | 13.03  | 22.20 | 1.50 | 21.55 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 15@0 | 21.75 | 13.25  | 22.32 | 1.50 | 21.67 | <=38.45 | Pass |
|  |                                  | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0   | 17.25 | -1.17  | 17.31 | 1.50 | 16.66 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@14  | 13.62 | 2.39   | 13.94 | 1.50 | 13.29 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 8@7  | 21.52 | 9.80   | 21.80 | 1.50 | 21.15 | <=38.45 | Pass |

|                 |                                |                        |                         |       |        |       |      |       |         |      |
|-----------------|--------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|                 |                                |                        | CC1: 12@13<br>CC2: 8@0  | 22.47 | 14.11  | 23.06 | 1.50 | 22.41 | <=38.45 | Pass |
|                 |                                |                        | CC1: 25@0<br>CC2: 15@0  | 22.43 | 14.18  | 23.04 | 1.50 | 22.39 | <=38.45 | Pass |
|                 |                                | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0    | 17.54 | -1.14  | 17.59 | 1.50 | 16.94 | <=38.45 | Pass |
|                 |                                |                        | CC1: 1@0<br>CC2: 1@14   | 13.75 | 2.38   | 14.05 | 1.50 | 13.40 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@0<br>CC2: 8@7   | 21.22 | 12.98  | 21.83 | 1.50 | 21.18 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@13<br>CC2: 8@0  | 22.13 | 13.29  | 22.67 | 1.50 | 22.02 | <=38.45 | Pass |
|                 |                                |                        | CC1: 25@0<br>CC2: 15@0  | 22.39 | 13.47  | 22.92 | 1.50 | 22.27 | <=38.45 | Pass |
| CC1:5<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 23.10 | -22.15 | 23.10 | 1.50 | 22.45 | <=38.45 | Pass |
|                 |                                |                        | CC1: 1@0<br>CC2: 1@49   | 13.22 | 2.14   | 13.54 | 1.50 | 12.89 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.29 | 7.14   | 18.61 | 1.50 | 17.96 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@13<br>CC2: 25@0 | 21.28 | 11.23  | 21.59 | 1.50 | 20.94 | <=38.45 | Pass |
|                 |                                |                        | CC1: 25@0<br>CC2: 50@0  | 21.23 | 10.58  | 21.54 | 1.50 | 20.89 | <=38.45 | Pass |
|                 |                                | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 23.10 | -21.94 | 23.10 | 1.50 | 22.45 | <=38.45 | Pass |
|                 |                                |                        | CC1: 1@0<br>CC2: 1@49   | 13.17 | 2.16   | 13.50 | 1.50 | 12.85 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.27 | 7.10   | 18.59 | 1.50 | 17.94 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@13<br>CC2: 25@0 | 21.30 | 11.12  | 21.61 | 1.50 | 20.96 | <=38.45 | Pass |
|                 |                                |                        | CC1: 25@0<br>CC2: 50@0  | 21.24 | 10.60  | 21.55 | 1.50 | 20.90 | <=38.45 | Pass |
|                 |                                | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 23.14 | -21.51 | 23.14 | 1.50 | 22.49 | <=38.45 | Pass |
|                 |                                |                        | CC1: 1@0<br>CC2: 1@49   | 13.18 | 2.07   | 13.50 | 1.50 | 12.85 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.29 | 7.01   | 18.60 | 1.50 | 17.95 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@13<br>CC2: 25@0 | 21.37 | 11.31  | 21.67 | 1.50 | 21.02 | <=38.45 | Pass |
|                 |                                |                        | CC1: 25@0<br>CC2: 50@0  | 21.31 | 10.64  | 21.61 | 1.50 | 20.96 | <=38.45 | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 23.07 | -22.12 | 23.07 | 1.50 | 22.42 | <=38.45 | Pass |
|                 |                                |                        | CC1: 1@0<br>CC2: 1@49   | 13.66 | 2.04   | 13.95 | 1.50 | 13.30 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.36 | 7.06   | 18.67 | 1.50 | 18.02 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@13<br>CC2: 25@0 | 20.34 | 10.25  | 20.65 | 1.50 | 20.00 | <=38.45 | Pass |
|                 |                                |                        | CC1: 25@0<br>CC2: 50@0  | 20.33 | 9.71   | 20.65 | 1.50 | 20.00 | <=38.45 | Pass |
|                 |                                | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 23.03 | -22.28 | 23.03 | 1.50 | 22.38 | <=38.45 | Pass |
|                 |                                |                        | CC1: 1@0<br>CC2: 1@49   | 13.66 | 2.17   | 13.96 | 1.50 | 13.31 | <=38.45 | Pass |
|                 |                                |                        | CC1: 12@0               | 18.38 | 7.07   | 18.69 | 1.50 | 18.04 | <=38.45 | Pass |

|  |                                  |                        |                         |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|  |                                  | CC1:836.8<br>CC2:844   | CC2: 25@25              |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 20.29 | 10.26  | 20.60 | 1.50 | 19.95 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.32 | 9.68   | 20.63 | 1.50 | 19.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 0@0    | 23.09 | -21.16 | 23.09 | 1.50 | 22.44 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.64 | 1.84   | 13.92 | 1.50 | 13.27 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.34 | 7.04   | 18.65 | 1.50 | 18.00 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 20.29 | 10.19  | 20.60 | 1.50 | 19.95 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.34 | 9.75   | 20.65 | 1.50 | 20.00 | <=38.45 | Pass |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 22.64 | -22.43 | 22.64 | 1.50 | 21.99 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.53 | 2.10   | 13.83 | 1.50 | 13.18 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.31 | 7.15   | 18.63 | 1.50 | 17.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 20.30 | 10.28  | 20.61 | 1.50 | 19.96 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.29 | 9.84   | 20.62 | 1.50 | 19.97 | <=38.45 | Pass |
|  |                                  | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 21.77 | -22.79 | 21.77 | 1.50 | 21.12 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.71 | 2.09   | 14.00 | 1.50 | 13.35 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.32 | 7.03   | 18.63 | 1.50 | 17.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 20.34 | 10.11  | 20.64 | 1.50 | 19.99 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.28 | 9.72   | 20.60 | 1.50 | 19.95 | <=38.45 | Pass |
|  |                                  | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 21.68 | -22.11 | 21.68 | 1.50 | 21.03 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.64 | 2.19   | 13.94 | 1.50 | 13.29 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.36 | 6.97   | 18.66 | 1.50 | 18.01 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 20.33 | 10.32  | 20.63 | 1.50 | 19.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.24 | 9.71   | 20.56 | 1.50 | 19.91 | <=38.45 | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 18.69 | -23.98 | 18.69 | 1.50 | 18.04 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.66 | 2.09   | 13.96 | 1.50 | 13.31 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 17.77 | 6.67   | 18.09 | 1.50 | 17.44 | <=38.45 | Pass |
|  |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 18.33 | 8.31   | 18.63 | 1.50 | 17.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 18.28 | 7.76   | 18.60 | 1.50 | 17.95 | <=38.45 | Pass |
|  |                                  | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 18.62 | -24.18 | 18.63 | 1.50 | 17.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.45 | 2.04   | 13.75 | 1.50 | 13.10 | <=38.45 | Pass |

|                                |                         |                        |                              |                      |                       |       |        |         |         |       |         |      |
|--------------------------------|-------------------------|------------------------|------------------------------|----------------------|-----------------------|-------|--------|---------|---------|-------|---------|------|
|                                |                         |                        | CC1: 12@0<br>CC2: 25@25      | 17.82                | 6.71                  | 18.14 | 1.50   | 17.49   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 12@13<br>CC2: 25@0      | 18.27                | 7.97                  | 18.57 | 1.50   | 17.92   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 25@0<br>CC2: 50@0       | 18.25                | 7.64                  | 18.56 | 1.50   | 17.91   | <=38.45 | Pass  |         |      |
|                                |                         | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 0@0         | 18.80                | -23.14                | 18.80 | 1.50   | 18.15   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 1@0<br>CC2: 1@49        | 13.65                | 2.01                  | 13.94 | 1.50   | 13.29   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 12@0<br>CC2: 25@25      | 17.84                | 6.63                  | 18.16 | 1.50   | 17.51   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 12@13<br>CC2: 25@0      | 18.30                | 8.26                  | 18.62 | 1.50   | 17.97   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 25@0<br>CC2: 50@0       | 18.26                | 7.72                  | 18.57 | 1.50   | 17.92   | <=38.45 | Pass  |         |      |
|                                |                         | CC1:10<br>CC2:5        | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:829<br>CC2:836.2 | CC1: 1@0<br>CC2: 0@0  | 23.14 | -43.98 | 23.14   | 1.50    | 22.49 | <=38.45 | Pass |
|                                |                         |                        |                              |                      | CC1: 1@0<br>CC2: 1@24 | 13.20 | 2.19   | 13.53   | 1.50    | 12.88 | <=38.45 | Pass |
| CC1: 25@0<br>CC2: 12@13        | 18.32                   |                        |                              |                      | 7.22                  | 18.64 | 1.50   | 17.99   | <=38.45 | Pass  |         |      |
| CC1: 25@25<br>CC2: 12@0        | 21.24                   |                        |                              |                      | 9.97                  | 21.55 | 1.50   | 20.90   | <=38.45 | Pass  |         |      |
| CC1: 50@0<br>CC2: 25@0         | 21.20                   |                        |                              |                      | 10.01                 | 21.52 | 1.50   | 20.87   | <=38.45 | Pass  |         |      |
| CC1:834.2<br>CC2:841.4         | CC1: 1@0<br>CC2: 0@0    |                        |                              | 23.06                | -43.94                | 23.06 | 1.50   | 22.41   | <=38.45 | Pass  |         |      |
|                                | CC1: 1@0<br>CC2: 1@24   |                        |                              | 13.15                | 2.01                  | 13.47 | 1.50   | 12.82   | <=38.45 | Pass  |         |      |
|                                | CC1: 25@0<br>CC2: 12@13 |                        |                              | 18.34                | 7.13                  | 18.65 | 1.50   | 18.00   | <=38.45 | Pass  |         |      |
|                                | CC1: 25@25<br>CC2: 12@0 |                        |                              | 21.24                | 10.09                 | 21.55 | 1.50   | 20.90   | <=38.45 | Pass  |         |      |
|                                | CC1: 50@0<br>CC2: 25@0  |                        |                              | 21.22                | 9.99                  | 21.53 | 1.50   | 20.88   | <=38.45 | Pass  |         |      |
| CC1:839.3<br>CC2:846.5         | CC1: 1@0<br>CC2: 0@0    |                        |                              | 23.12                | -43.95                | 23.12 | 1.50   | 22.47   | <=38.45 | Pass  |         |      |
|                                | CC1: 1@0<br>CC2: 1@24   |                        |                              | 13.22                | 2.14                  | 13.54 | 1.50   | 12.89   | <=38.45 | Pass  |         |      |
|                                | CC1: 25@0<br>CC2: 12@13 |                        |                              | 18.27                | 7.08                  | 18.59 | 1.50   | 17.94   | <=38.45 | Pass  |         |      |
|                                | CC1: 25@25<br>CC2: 12@0 |                        |                              | 21.19                | 9.87                  | 21.49 | 1.50   | 20.84   | <=38.45 | Pass  |         |      |
|                                | CC1: 50@0<br>CC2: 25@0  |                        |                              | 21.21                | 9.96                  | 21.52 | 1.50   | 20.87   | <=38.45 | Pass  |         |      |
| CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:829<br>CC2:836.2    |                        | CC1: 1@0<br>CC2: 0@0         | 22.74                | -43.86                | 22.74 | 1.50   | 22.09   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 1@0<br>CC2: 1@24        | 13.69                | 1.90                  | 13.97 | 1.50   | 13.32   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 25@0<br>CC2: 12@13      | 18.28                | 7.12                  | 18.60 | 1.50   | 17.95   | <=38.45 | Pass  |         |      |
|                                |                         |                        | CC1: 25@25<br>CC2: 12@0      | 20.25                | 9.10                  | 20.56 | 1.50   | 19.91   | <=38.45 | Pass  |         |      |
|                                |                         | CC1: 50@0<br>CC2: 25@0 | 20.18                        | 9.07                 | 20.50                 | 1.50  | 19.85  | <=38.45 | Pass    |       |         |      |
|                                | CC1:834.2<br>CC2:841.4  | CC1: 1@0<br>CC2: 0@0   | 22.86                        | -43.97               | 22.86                 | 1.50  | 22.21  | <=38.45 | Pass    |       |         |      |
|                                |                         | CC1: 1@0               | 13.59                        | 1.87                 | 13.87                 | 1.50  | 13.22  | <=38.45 | Pass    |       |         |      |

|                        |                                |                                  |                         |                         |        |        |       |         |         |         |      |
|------------------------|--------------------------------|----------------------------------|-------------------------|-------------------------|--------|--------|-------|---------|---------|---------|------|
|                        |                                |                                  | CC2: 1@24               |                         |        |        |       |         |         |         |      |
|                        |                                |                                  | CC1: 25@0<br>CC2: 12@13 | 18.31                   | 7.12   | 18.62  | 1.50  | 17.97   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@25<br>CC2: 12@0 | 20.16                   | 9.08   | 20.48  | 1.50  | 19.83   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 50@0<br>CC2: 25@0  | 20.27                   | 8.91   | 20.57  | 1.50  | 19.92   | <=38.45 | Pass    |      |
|                        |                                | CC1:839.3<br>CC2:846.5           | CC1: 1@0<br>CC2: 0@0    | 23.00                   | -43.85 | 23.00  | 1.50  | 22.35   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 1@0<br>CC2: 1@24   | 13.75                   | 2.07   | 14.03  | 1.50  | 13.38   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@0<br>CC2: 12@13 | 18.30                   | 7.03   | 18.62  | 1.50  | 17.97   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@25<br>CC2: 12@0 | 19.95                   | 11.58  | 20.53  | 1.50  | 19.88   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 50@0<br>CC2: 25@0  | 20.24                   | 9.03   | 20.55  | 1.50  | 19.90   | <=38.45 | Pass    |      |
|                        |                                |                                  |                         |                         |        |        |       |         |         |         |      |
|                        | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:829<br>CC2:836.2             | CC1: 1@0<br>CC2: 0@0    | 22.71                   | -43.98 | 22.71  | 1.50  | 22.06   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 1@0<br>CC2: 1@24   | 13.78                   | 1.99   | 14.06  | 1.50  | 13.41   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@0<br>CC2: 12@13 | 18.28                   | 7.24   | 18.61  | 1.50  | 17.96   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@25<br>CC2: 12@0 | 20.19                   | 9.10   | 20.51  | 1.50  | 19.86   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 50@0<br>CC2: 25@0  | 20.28                   | 9.13   | 20.60  | 1.50  | 19.95   | <=38.45 | Pass    |      |
|                        |                                | CC1:834.2<br>CC2:841.4           | CC1: 1@0<br>CC2: 0@0    | 21.82                   | -43.99 | 21.82  | 1.50  | 21.17   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 1@0<br>CC2: 1@24   | 13.60                   | 2.25   | 13.91  | 1.50  | 13.26   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@0<br>CC2: 12@13 | 18.39                   | 7.18   | 18.71  | 1.50  | 18.06   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@25<br>CC2: 12@0 | 20.26                   | 9.19   | 20.58  | 1.50  | 19.93   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 50@0<br>CC2: 25@0  | 20.32                   | 9.09   | 20.63  | 1.50  | 19.98   | <=38.45 | Pass    |      |
|                        |                                | CC1:839.3<br>CC2:846.5           | CC1: 1@0<br>CC2: 0@0    | 21.77                   | -43.95 | 21.77  | 1.50  | 21.12   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 1@0<br>CC2: 1@24   | 13.63                   | 2.13   | 13.93  | 1.50  | 13.28   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@0<br>CC2: 12@13 | 18.28                   | 7.01   | 18.60  | 1.50  | 17.95   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 25@25<br>CC2: 12@0 | 20.21                   | 9.03   | 20.52  | 1.50  | 19.87   | <=38.45 | Pass    |      |
|                        |                                |                                  | CC1: 50@0<br>CC2: 25@0  | 20.24                   | 9.12   | 20.56  | 1.50  | 19.91   | <=38.45 | Pass    |      |
|                        |                                |                                  |                         |                         |        |        |       |         |         |         |      |
|                        |                                | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:836.2    | CC1: 1@0<br>CC2: 0@0    | 18.72  | -29.25 | 18.72 | 1.50    | 18.07   | <=38.45 | Pass |
|                        |                                |                                  |                         | CC1: 1@0<br>CC2: 1@24   | 13.39  | 2.28   | 13.71 | 1.50    | 13.06   | <=38.45 | Pass |
|                        |                                |                                  |                         | CC1: 25@0<br>CC2: 12@13 | 17.83  | 6.68   | 18.15 | 1.50    | 17.50   | <=38.45 | Pass |
|                        |                                |                                  |                         | CC1: 25@25<br>CC2: 12@0 | 18.22  | 7.01   | 18.52 | 1.50    | 17.87   | <=38.45 | Pass |
| CC1: 50@0<br>CC2: 25@0 | 18.19                          |                                  |                         | 7.07                    | 18.51  | 1.50   | 17.86 | <=38.45 | Pass    |         |      |
| CC1:834.2<br>CC2:841.4 | CC1: 1@0<br>CC2: 0@0           |                                  | 18.65                   | -28.87                  | 18.65  | 1.50   | 18.00 | <=38.45 | Pass    |         |      |

|                  |                                |                        |                         |       |        |       |      |       |         |      |
|------------------|--------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|                  |                                |                        | CC1: 1@0<br>CC2: 1@24   | 13.46 | 2.05   | 13.76 | 1.50 | 13.11 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 17.85 | 6.60   | 18.16 | 1.50 | 17.51 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 18.25 | 6.96   | 18.56 | 1.50 | 17.91 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 18.23 | 7.09   | 18.55 | 1.50 | 17.90 | <=38.45 | Pass |
|                  |                                | CC1:839.3<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0    | 18.69 | -29.62 | 18.69 | 1.50 | 18.04 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@0<br>CC2: 1@24   | 13.63 | 2.56   | 13.96 | 1.50 | 13.31 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 17.82 | 6.64   | 18.14 | 1.50 | 17.49 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 18.24 | 7.03   | 18.55 | 1.50 | 17.90 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 18.26 | 7.16   | 18.58 | 1.50 | 17.93 | <=38.45 | Pass |
|                  |                                |                        |                         |       |        |       |      |       |         |      |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 0@0    | 23.04 | -40.99 | 23.04 | 1.50 | 22.39 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@0<br>CC2: 1@49   | 12.78 | 1.53   | 13.09 | 1.50 | 12.44 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.28 | 6.98   | 18.59 | 1.50 | 17.94 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 22.24 | 11.05  | 22.56 | 1.50 | 21.91 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 21.24 | 10.00  | 21.55 | 1.50 | 20.90 | <=38.45 | Pass |
|                  |                                | CC1:831.6<br>CC2:841.5 | CC1: 1@0<br>CC2: 0@0    | 23.11 | -40.95 | 23.11 | 1.50 | 22.46 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@0<br>CC2: 1@49   | 12.72 | 1.48   | 13.03 | 1.50 | 12.38 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.23 | 7.20   | 18.56 | 1.50 | 17.91 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 22.27 | 10.99  | 22.58 | 1.50 | 21.93 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 21.26 | 10.13  | 21.58 | 1.50 | 20.93 | <=38.45 | Pass |
|                  |                                | CC1:834.1<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 23.10 | -40.94 | 23.10 | 1.50 | 22.45 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@0<br>CC2: 1@49   | 12.78 | 1.57   | 13.10 | 1.50 | 12.45 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.26 | 7.21   | 18.59 | 1.50 | 17.94 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 22.26 | 11.00  | 22.57 | 1.50 | 21.92 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 21.32 | 10.09  | 21.64 | 1.50 | 20.99 | <=38.45 | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 0@0    | 22.87 | -40.84 | 22.87 | 1.50 | 22.22 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@0<br>CC2: 1@49   | 13.26 | 1.47   | 13.54 | 1.50 | 12.89 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.34 | 7.10   | 18.66 | 1.50 | 18.01 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 21.31 | 10.08  | 21.63 | 1.50 | 20.98 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 20.32 | 9.10   | 20.63 | 1.50 | 19.98 | <=38.45 | Pass |
|                  |                                | CC1:831.6              | CC1: 1@0                | 22.86 | -40.92 | 22.86 | 1.50 | 22.21 | <=38.45 | Pass |

|  |                                  |                        |                         |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|  |                                  | CC2:841.5              | CC2: 0@0                |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.24 | 1.56   | 13.52 | 1.50 | 12.87 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 25@25 | 18.38 | 7.13   | 18.69 | 1.50 | 18.04 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 25@0 | 21.05 | 12.73  | 21.65 | 1.50 | 21.00 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 50@0  | 20.31 | 9.14   | 20.63 | 1.50 | 19.98 | <=38.45 | Pass |
|  |                                  | CC1:834.1<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 22.80 | -40.80 | 22.80 | 1.50 | 22.15 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.33 | 1.37   | 13.60 | 1.50 | 12.95 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 25@25 | 18.33 | 6.92   | 18.63 | 1.50 | 17.98 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 25@0 | 21.26 | 9.93   | 21.56 | 1.50 | 20.91 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 50@0  | 20.28 | 9.22   | 20.61 | 1.50 | 19.96 | <=38.45 | Pass |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 0@0    | 21.76 | -41.00 | 21.76 | 1.50 | 21.11 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.25 | 1.53   | 13.53 | 1.50 | 12.88 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 25@25 | 18.29 | 7.13   | 18.61 | 1.50 | 17.96 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 25@0 | 20.05 | 11.76  | 20.65 | 1.50 | 20.00 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 50@0  | 20.30 | 9.24   | 20.63 | 1.50 | 19.98 | <=38.45 | Pass |
|  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 1@0<br>CC2: 0@0    | 21.68 | -41.00 | 21.68 | 1.50 | 21.03 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.10 | 1.30   | 13.37 | 1.50 | 12.72 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 25@25 | 18.29 | 7.16   | 18.62 | 1.50 | 17.97 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 25@0 | 20.25 | 9.06   | 20.57 | 1.50 | 19.92 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 50@0  | 20.28 | 9.08   | 20.60 | 1.50 | 19.95 | <=38.45 | Pass |
|  |                                  | CC1:834.1<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 21.74 | -40.98 | 21.74 | 1.50 | 21.09 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.16 | 1.49   | 13.44 | 1.50 | 12.79 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 25@25 | 18.28 | 7.22   | 18.61 | 1.50 | 17.96 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 25@0 | 20.27 | 9.01   | 20.59 | 1.50 | 19.94 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 50@0  | 20.35 | 9.15   | 20.66 | 1.50 | 20.01 | <=38.45 | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 0@0    | 18.65 | -23.26 | 18.65 | 1.50 | 18.00 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@0<br>CC2: 1@49   | 13.07 | 1.63   | 13.37 | 1.50 | 12.72 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 25@25 | 17.82 | 6.59   | 18.13 | 1.50 | 17.48 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 25@0 | 18.24 | 7.10   | 18.56 | 1.50 | 17.91 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 50@0  | 18.25 | 7.06   | 18.57 | 1.50 | 17.92 | <=38.45 | Pass |

|                                               |  |                        |                         |       |        |       |      |       |         |      |
|-----------------------------------------------|--|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|                                               |  | CC1:831.6<br>CC2:841.5 | CC1: 1@0<br>CC2: 0@0    | 18.72 | -22.86 | 18.72 | 1.50 | 18.07 | <=38.45 | Pass |
|                                               |  |                        | CC1: 1@0<br>CC2: 1@49   | 13.15 | 1.70   | 13.45 | 1.50 | 12.80 | <=38.45 | Pass |
|                                               |  |                        | CC1: 25@0<br>CC2: 25@25 | 17.77 | 6.90   | 18.11 | 1.50 | 17.46 | <=38.45 | Pass |
|                                               |  |                        | CC1: 25@25<br>CC2: 25@0 | 18.22 | 7.06   | 18.54 | 1.50 | 17.89 | <=38.45 | Pass |
|                                               |  |                        | CC1: 50@0<br>CC2: 50@0  | 18.23 | 7.06   | 18.55 | 1.50 | 17.90 | <=38.45 | Pass |
|                                               |  | CC1:834.1<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 18.78 | -22.53 | 18.78 | 1.50 | 18.13 | <=38.45 | Pass |
|                                               |  |                        | CC1: 1@0<br>CC2: 1@49   | 12.90 | 1.91   | 13.24 | 1.50 | 12.59 | <=38.45 | Pass |
|                                               |  |                        | CC1: 25@0<br>CC2: 25@25 | 17.85 | 6.90   | 18.19 | 1.50 | 17.54 | <=38.45 | Pass |
|                                               |  |                        | CC1: 25@25<br>CC2: 25@0 | 18.19 | 7.05   | 18.51 | 1.50 | 17.86 | <=38.45 | Pass |
|                                               |  |                        | CC1: 50@0<br>CC2: 50@0  | 18.33 | 7.20   | 18.65 | 1.50 | 18.00 | <=38.45 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain-2.15 |  |                        |                         |       |        |       |      |       |         |      |

## 2. 99% & 26dB Bandwidth

### 2.1 Test Result

#### 2.1.1 CA\_5B\_NTNV\_OBW

| Band: CA 5B / NTNV |                                  |                        |                        |                              |       |         |
|--------------------|----------------------------------|------------------------|------------------------|------------------------------|-------|---------|
| BW<br>(MHz)        | Modulation                       | Frequency<br>(MHz)     | RB<br>Allocation       | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                    |                                  |                        |                        | Sum                          | Limit |         |
| CC1:3<br>CC2:5     | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.60                         | /     | Pass    |
|                    |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.61                         | /     | Pass    |
|                    |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.61                         | /     | Pass    |
|                    | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.62                         | /     | Pass    |
|                    |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.61                         | /     | Pass    |
|                    |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.61                         | /     | Pass    |
|                    | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.59                         | /     | Pass    |
|                    |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.59                         | /     | Pass    |
|                    |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.61                         | /     | Pass    |
|                    | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.59                         | /     | Pass    |
|                    |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.58                         | /     | Pass    |
|                    |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.58                         | /     | Pass    |
| CC1:5              | CC1:                             | CC1:826.5              | CC1: 25@0              | 7.64                         | /     | Pass    |

|                 |                                  |                        |                        |       |   |      |
|-----------------|----------------------------------|------------------------|------------------------|-------|---|------|
| CC2:3           | QPSK<br>CC2:<br>QPSK             | CC2:830.4              | CC2: 15@0              |       |   |      |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.62  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.58  | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.61  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.59  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.58  | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.61  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.59  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.60  | / | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.61  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.63  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.60  | / | Pass |
| CC1:5<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.05 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.05 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.99 | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.03 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.03 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.95 | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.02 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.00 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.97 | / | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.02 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.04 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 14.00 | / | Pass |
| CC1:10<br>CC2:5 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.07 | / | Pass |
|                 |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 14.66 | / | Pass |
|                 |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.26 | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.07 | / | Pass |
|                 |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 14.69 | / | Pass |
|                 |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.27 | / | Pass |

|                  |                                  |                        |                        |       |   |      |
|------------------|----------------------------------|------------------------|------------------------|-------|---|------|
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.10 | / | Pass |
|                  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 14.69 | / | Pass |
|                  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.19 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.07 | / | Pass |
|                  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 14.00 | / | Pass |
|                  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 13.99 | / | Pass |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.40 | / | Pass |
|                  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.37 | / | Pass |
|                  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.38 | / | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.27 | / | Pass |
|                  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.26 | / | Pass |
|                  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.23 | / | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.20 | / | Pass |
|                  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.24 | / | Pass |
|                  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.24 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.19 | / | Pass |
|                  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.24 | / | Pass |
|                  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.24 | / | Pass |

## 2.1.2 CA\_5B\_NTNV\_XDB

| Band: CA_5B / NTNV |                                |                        |                        |                      |       |         |
|--------------------|--------------------------------|------------------------|------------------------|----------------------|-------|---------|
| BW<br>(MHz)        | Modulation                     | Frequency<br>(MHz)     | RB<br>Allocation       | 26dB Bandwidth (MHz) |       | Verdict |
|                    |                                |                        |                        | Sum                  | Limit |         |
| CC1:3<br>CC2:5     | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 8.29                 | /     | Pass    |
|                    |                                | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 8.55                 | /     | Pass    |
|                    |                                | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 8.40                 | /     | Pass    |
|                    | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 8.68                 | /     | Pass    |
|                    |                                | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 8.38                 | /     | Pass    |
|                    |                                | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 8.40                 | /     | Pass    |
|                    | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 8.27                 | /     | Pass    |
|                    |                                | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 8.42                 | /     | Pass    |

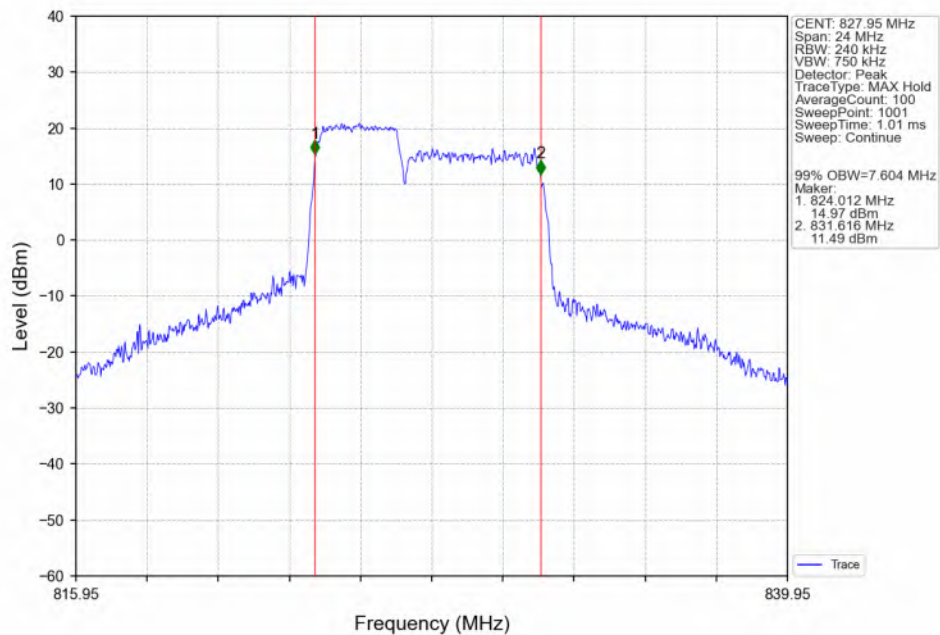
|                 |                                  |                        |                        |       |   |      |
|-----------------|----------------------------------|------------------------|------------------------|-------|---|------|
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 8.36  | / | Pass |
|                 |                                  | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 8.20  | / | Pass |
|                 |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 8.79  | / | Pass |
|                 |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 8.39  | / | Pass |
| CC1:5<br>CC2:3  | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 8.37  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 8.58  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 8.69  | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 8.33  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 8.40  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 8.37  | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 8.43  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 8.40  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 8.41  | / | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 8.32  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 8.35  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 8.48  | / | Pass |
| CC1:5<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 15.18 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 15.34 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 15.33 | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 15.10 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 15.45 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 15.20 | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 15.09 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 15.45 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 15.36 | / | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 15.29 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 15.37 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 15.19 | / | Pass |
| CC1:10<br>CC2:5 | CC1:<br>QPSK<br>CC2:             | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 15.42 | / | Pass |
|                 |                                  | CC1:834.2              | CC1: 50@0              | 22.12 | / | Pass |

|                  |                                  |           |           |       |   |      |
|------------------|----------------------------------|-----------|-----------|-------|---|------|
|                  | QPSK                             | CC2:841.4 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:839.3 | CC1: 50@0 | 19.03 | / | Pass |
|                  |                                  | CC2:846.5 | CC2: 25@0 |       |   |      |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:829   | CC1: 50@0 | 15.38 | / | Pass |
|                  |                                  | CC2:836.2 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:834.2 | CC1: 50@0 | 27.70 | / | Pass |
|                  |                                  | CC2:841.4 | CC2: 25@0 |       |   |      |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:839.3 | CC1: 50@0 | 24.80 | / | Pass |
|                  |                                  | CC2:846.5 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 15.68 | / | Pass |
|                  |                                  | CC2:836.2 | CC2: 25@0 |       |   |      |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:834.2 | CC1: 50@0 | 23.67 | / | Pass |
|                  |                                  | CC2:841.4 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:839.3 | CC1: 50@0 | 25.98 | / | Pass |
|                  |                                  | CC2:846.5 | CC2: 25@0 |       |   |      |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829   | CC1: 50@0 | 21.15 | / | Pass |
|                  |                                  | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:831.6 | CC1: 50@0 | 21.58 | / | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:834.1 | CC1: 50@0 | 21.32 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 21.06 | / | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:831.6 | CC1: 50@0 | 21.29 | / | Pass |
|                  |                                  | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:834.1 | CC1: 50@0 | 21.30 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC2:844   | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 21.21 | / | Pass |
|                  |                                  | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:831.6 | CC1: 50@0 | 21.25 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:834.1 | CC1: 50@0 | 21.27 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 21.17 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:831.6 | CC1: 50@0 | 21.29 | / | Pass |
|                  |                                  | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:834.1 | CC1: 50@0 | 21.42 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 |       |   |      |

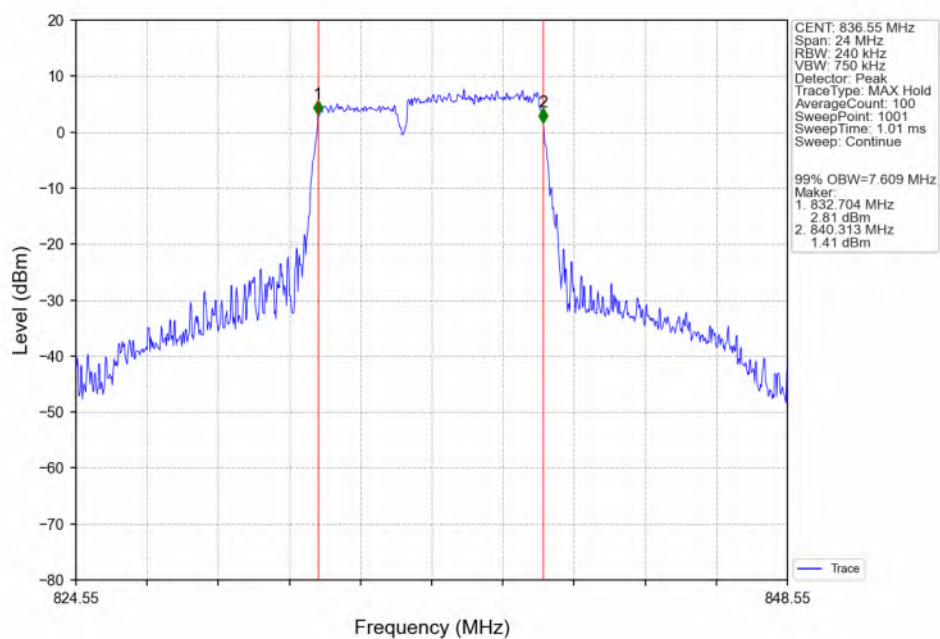
## 2.2 Test Graph

### 2.2.1 CA\_5B\_NTNV\_OBW

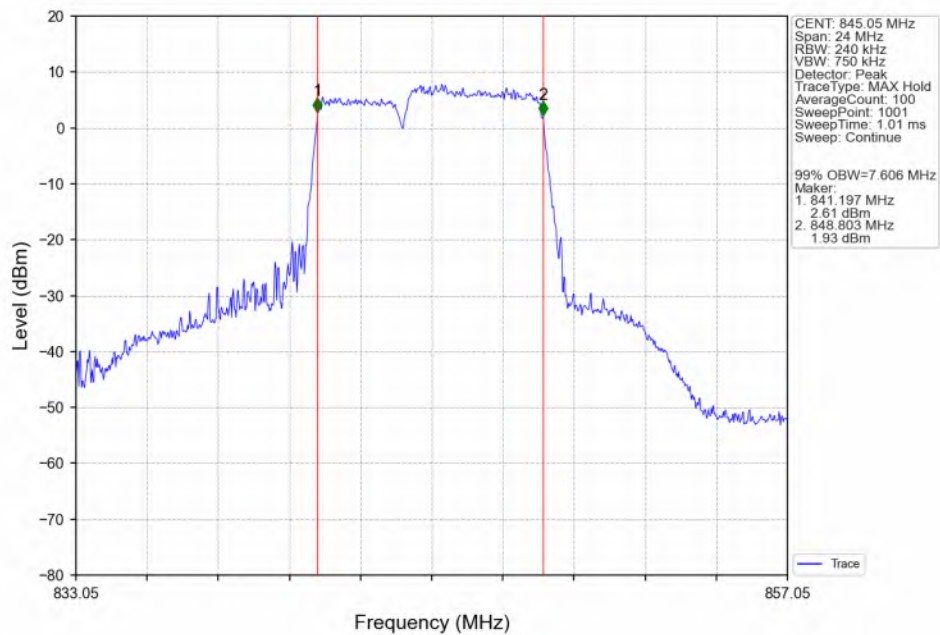
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



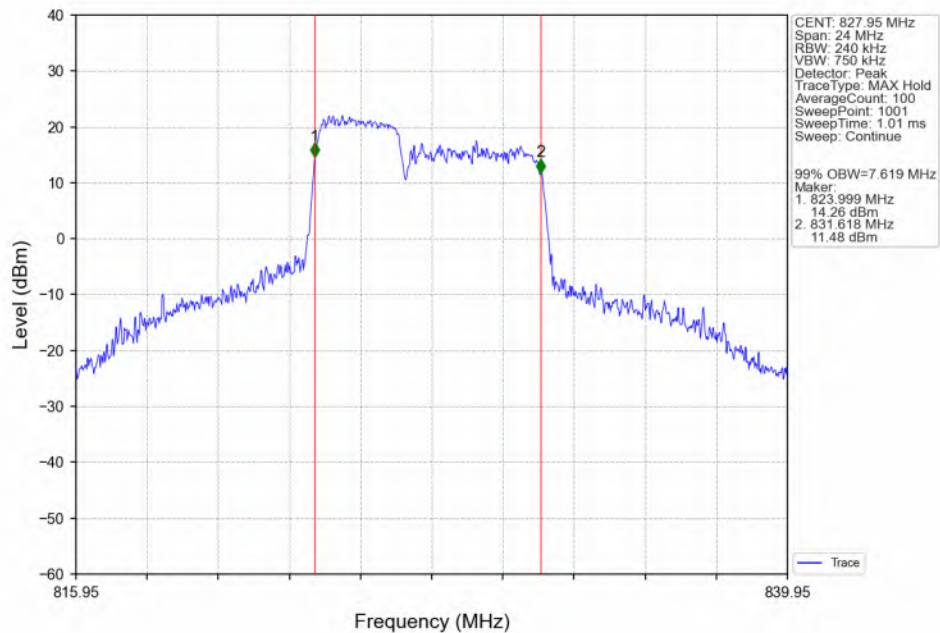
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



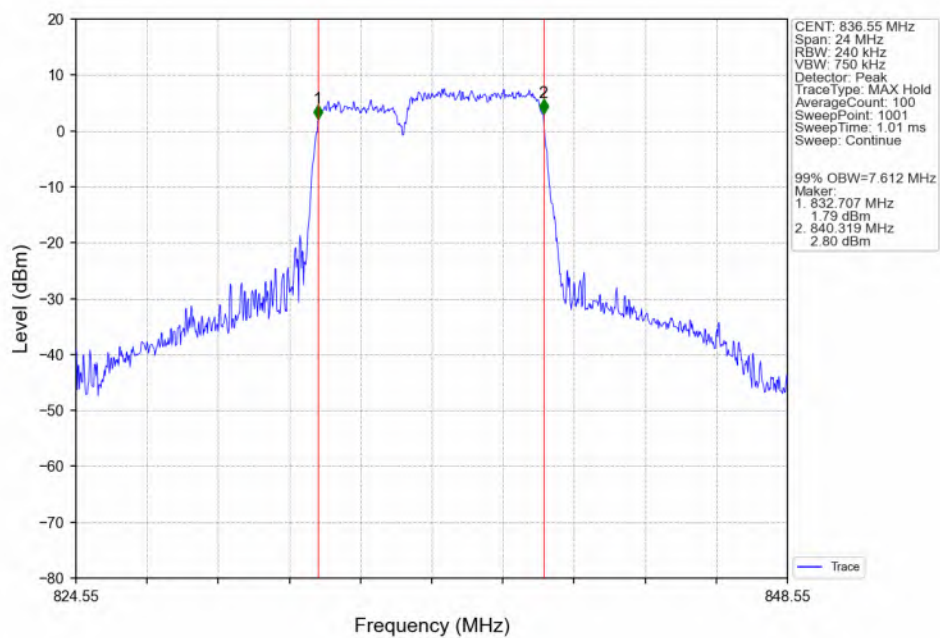
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



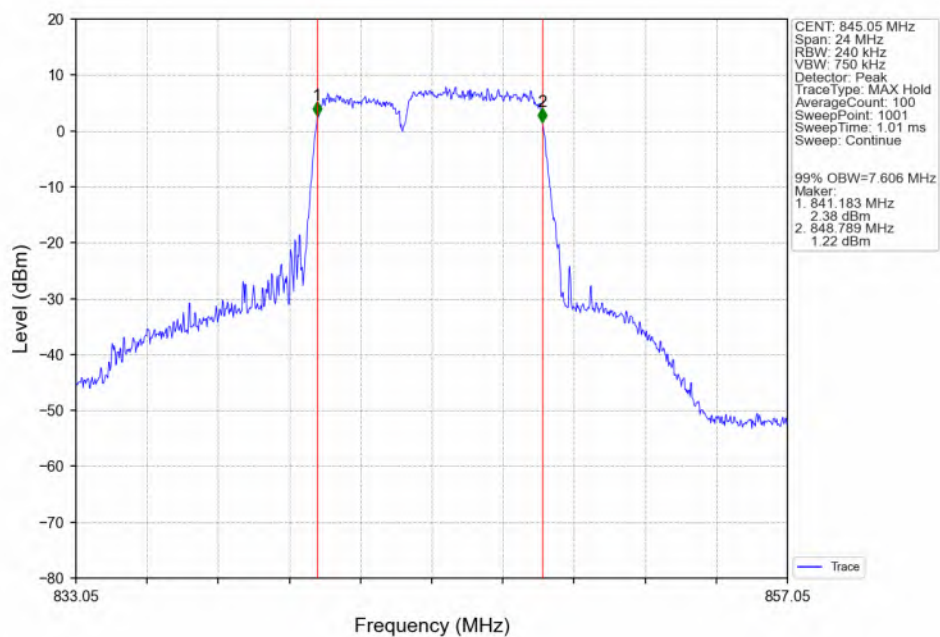
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



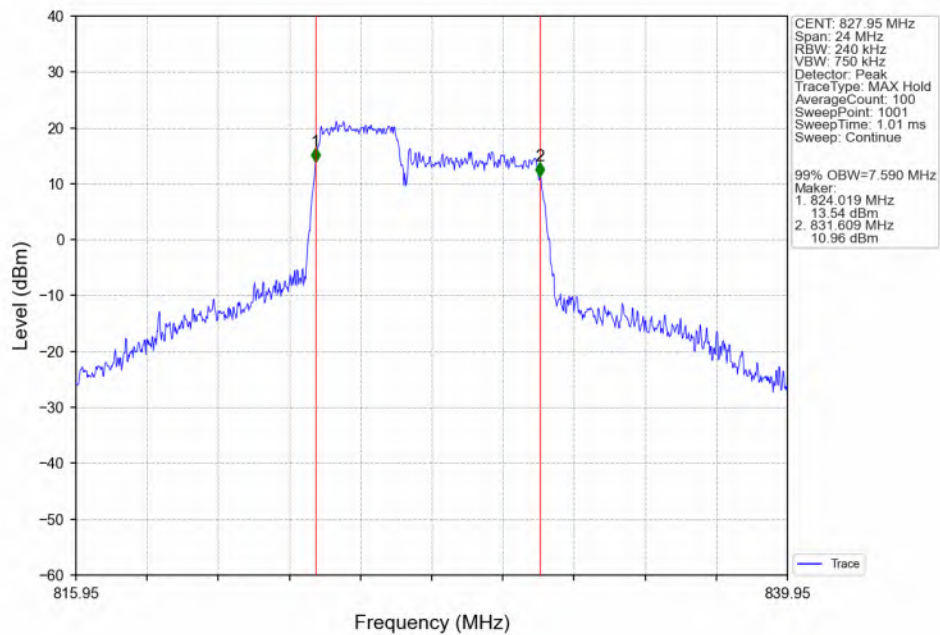
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



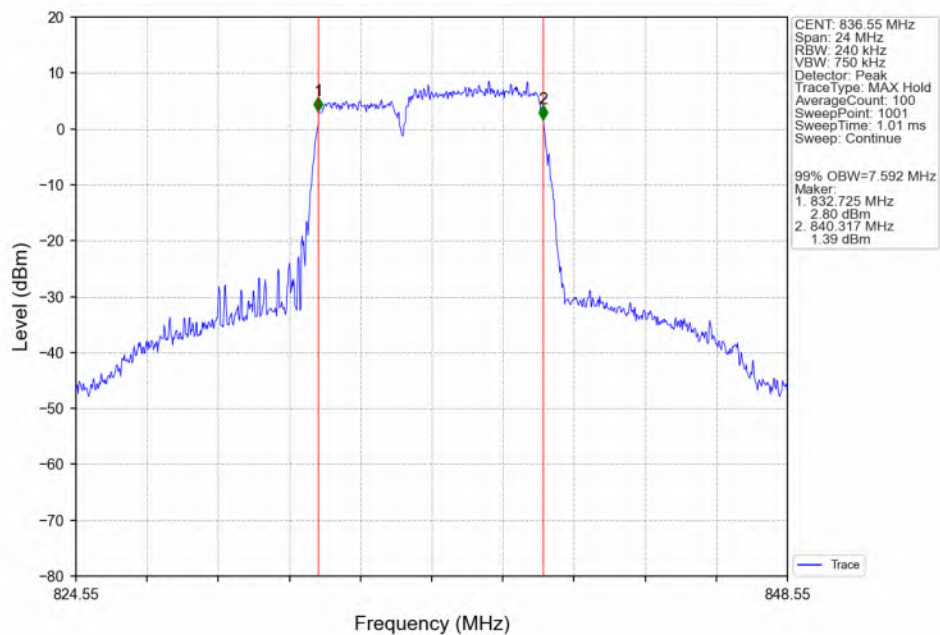
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



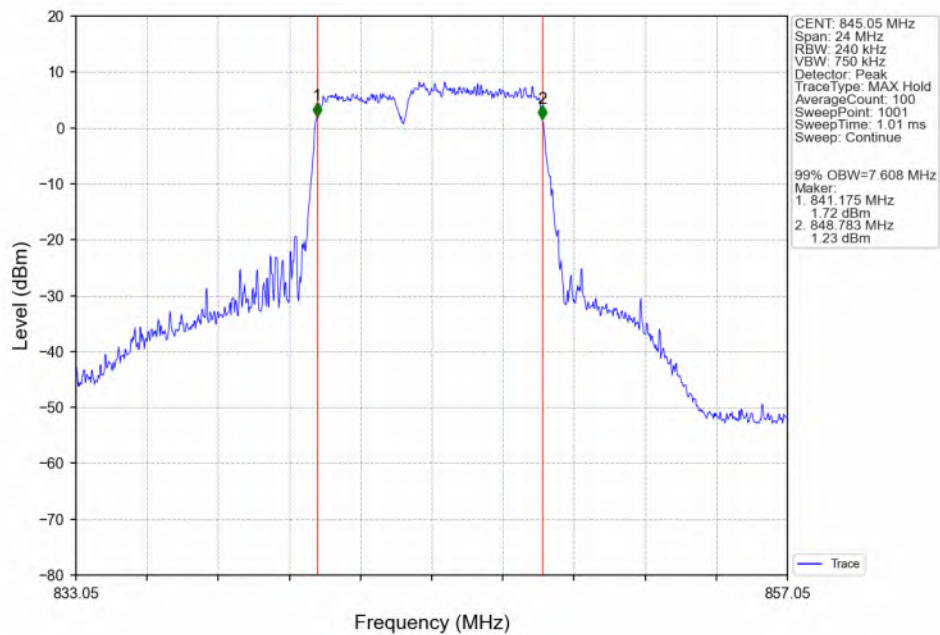
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



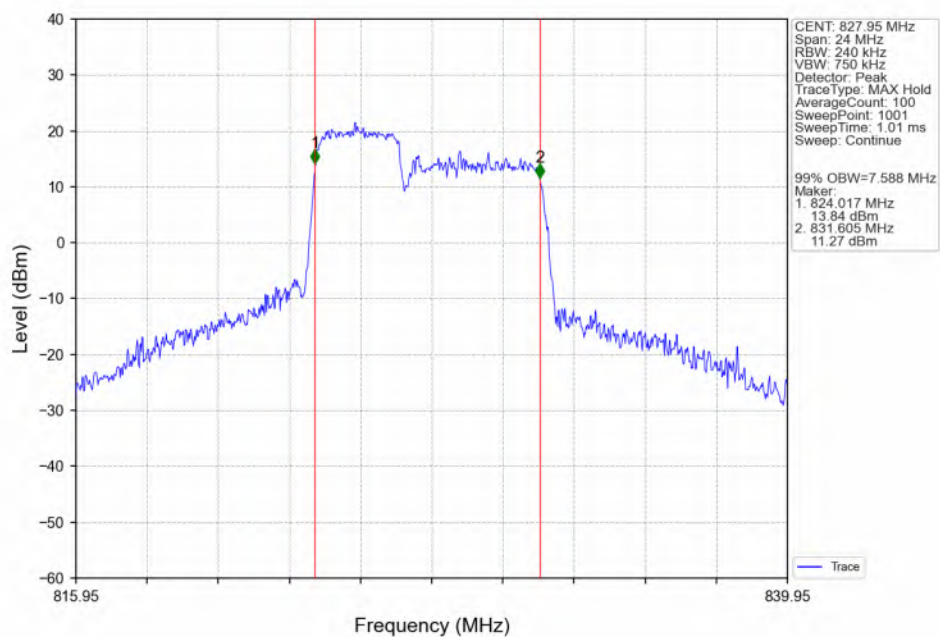
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



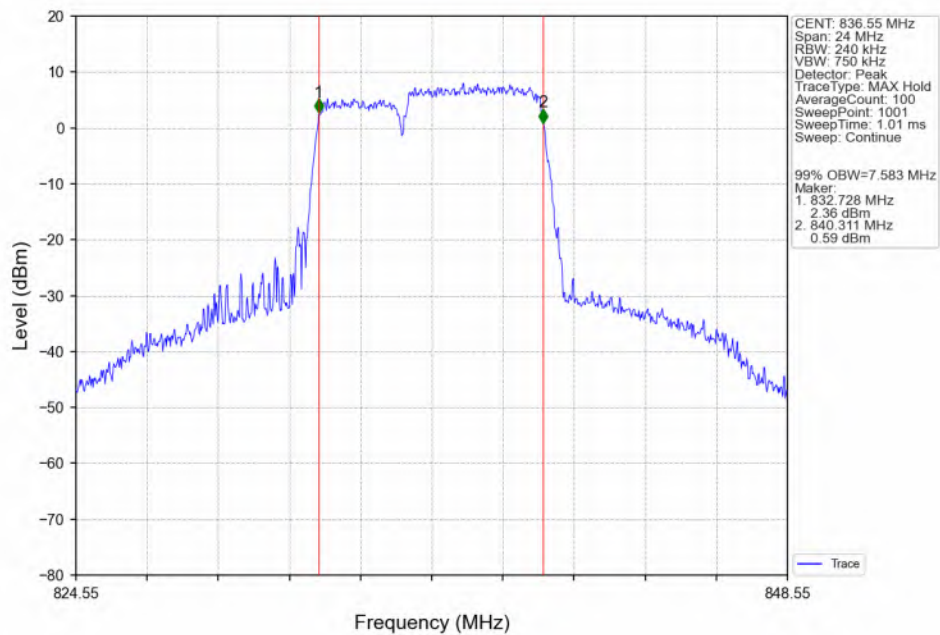
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



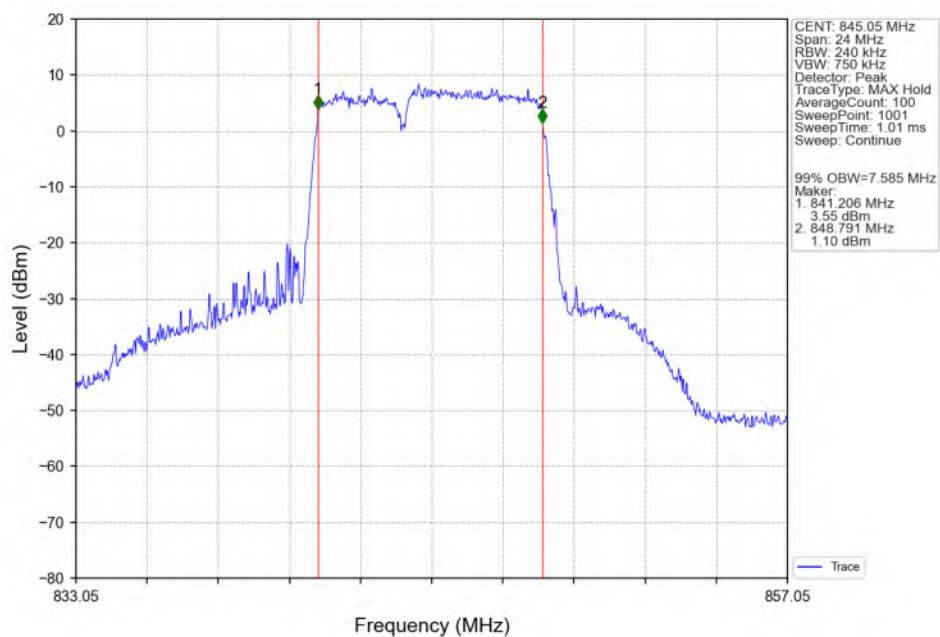
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



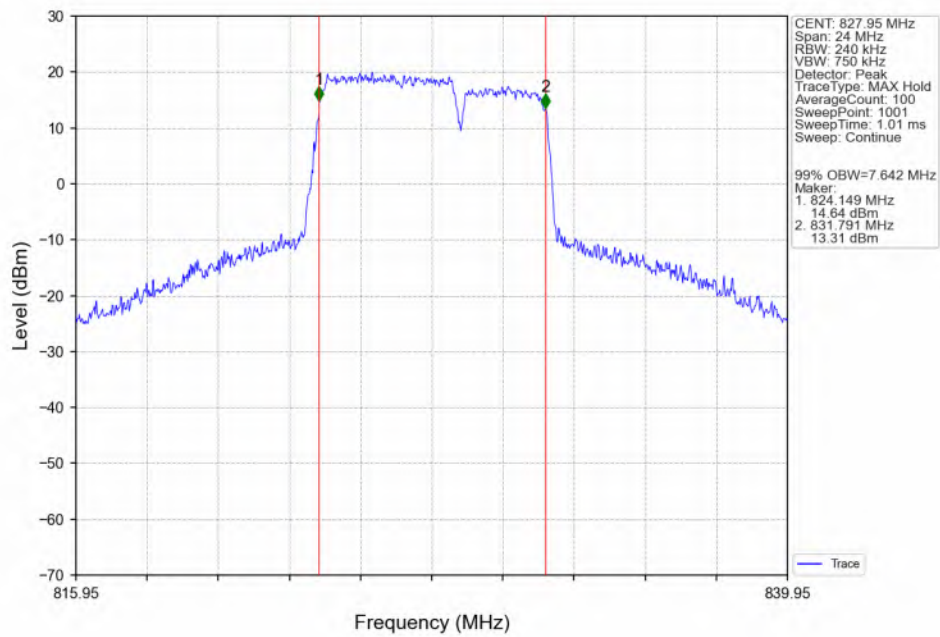
CA\_5B\_SISO\_NTNV\_CC1:3\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:834.1\_CC2:838MHz\_CC1: 15@0 CC2: 25@0



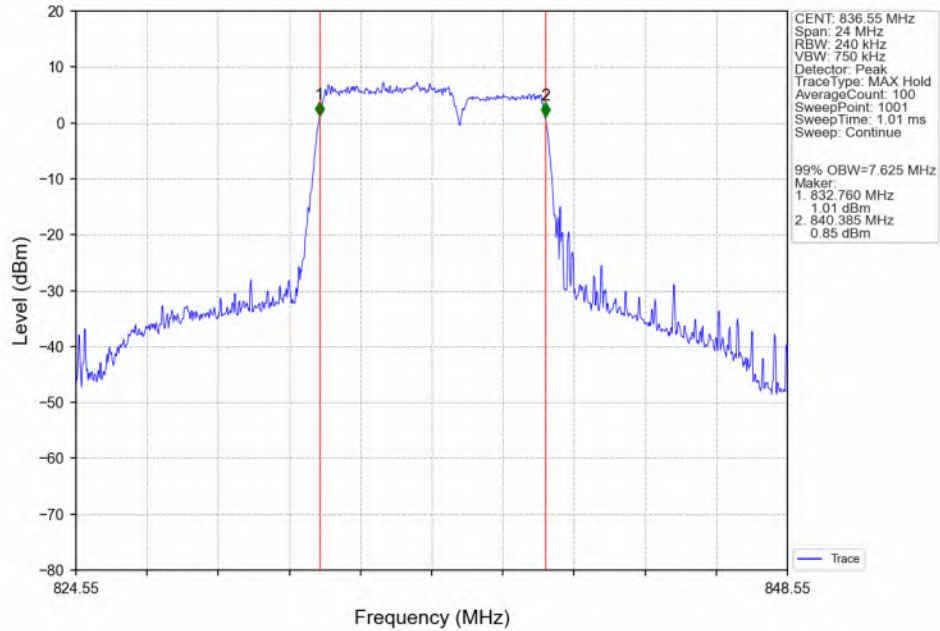
CA\_5B\_SISO\_NTNV\_CC1:3\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:842.6\_CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



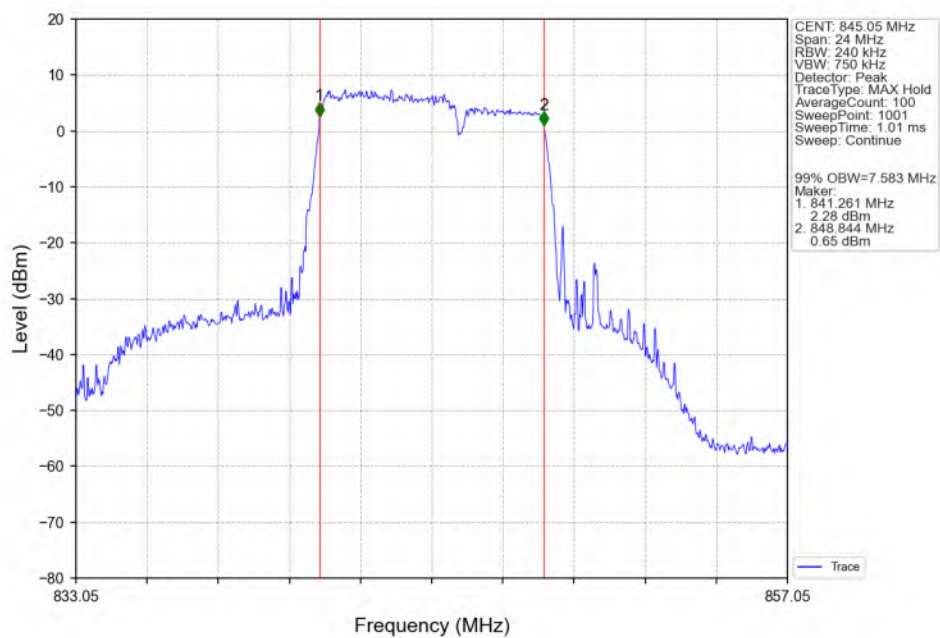
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK\_CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



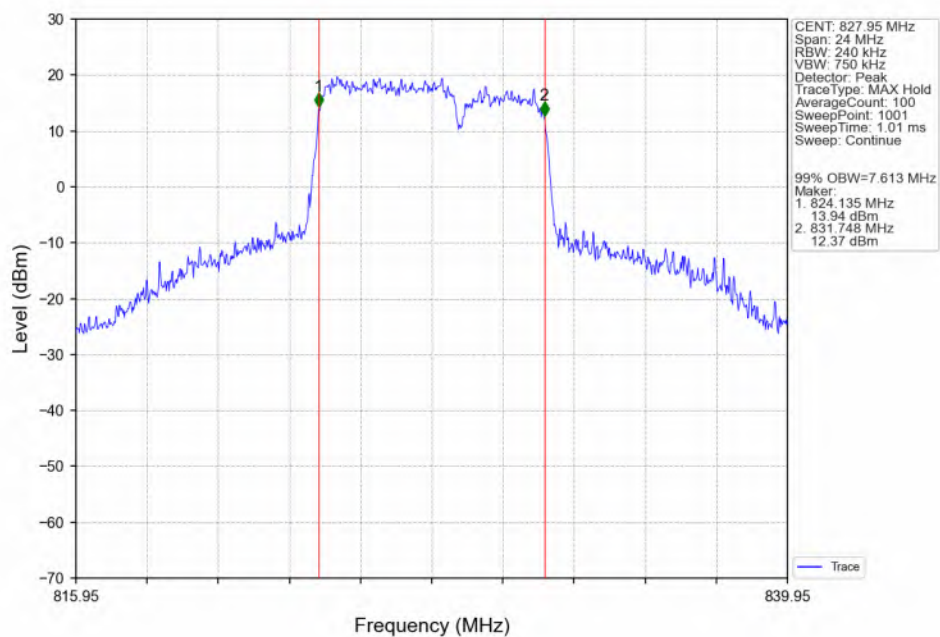
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK\_CC1:835.1 CC2:839MHz\_CC1: 25@0 CC2: 15@0



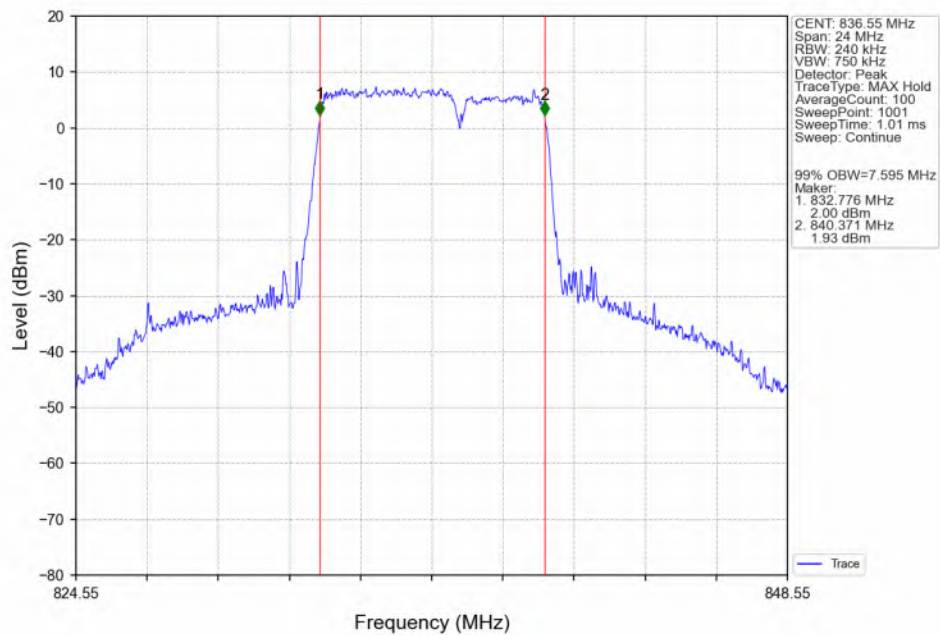
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:843.6 CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



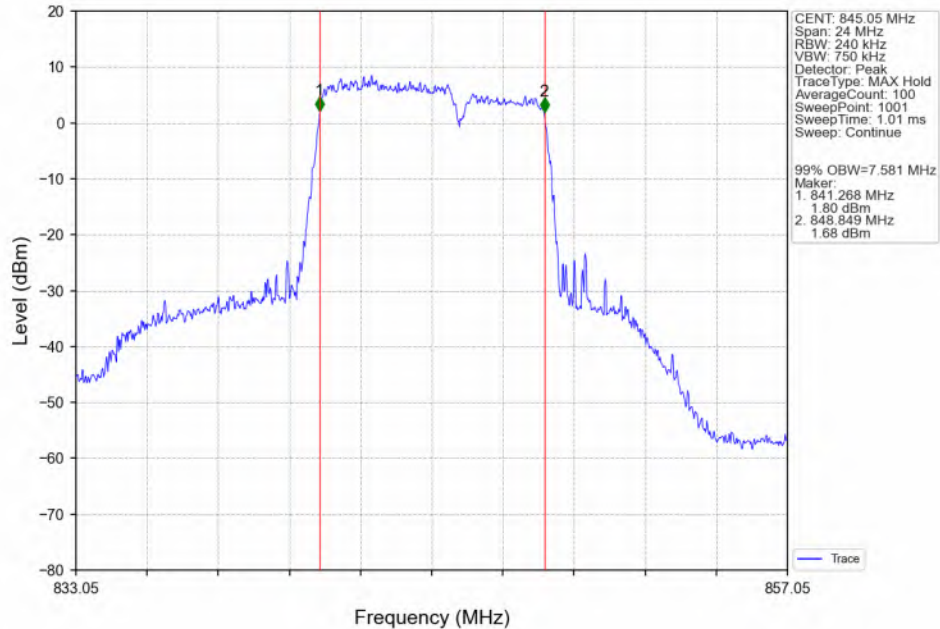
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:16QAM CC2:16QAM CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



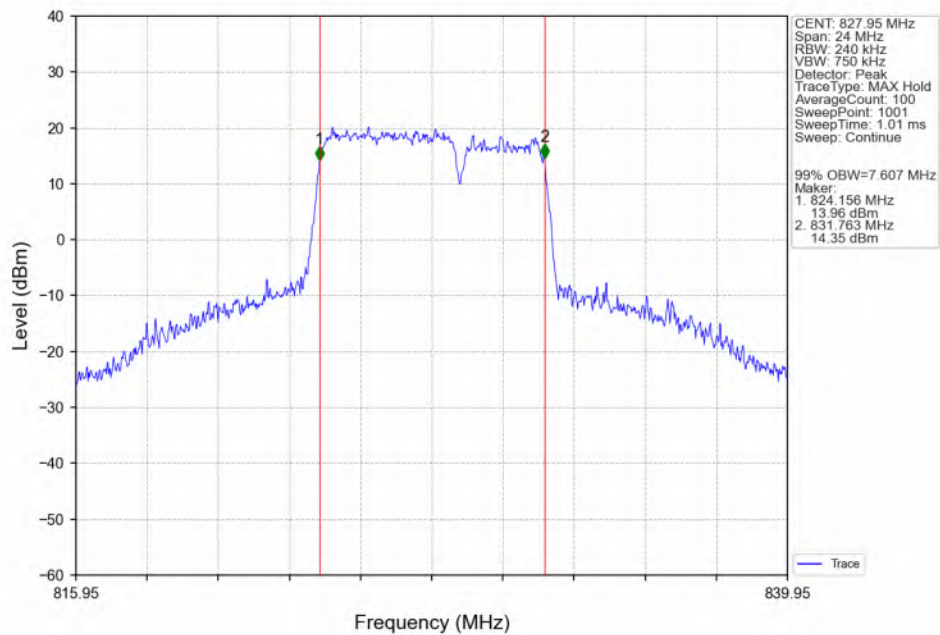
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:16QAM\_CC2:16QAM\_CC1:835.1\_CC2:839MHz\_CC1: 25@0 CC2: 15@0



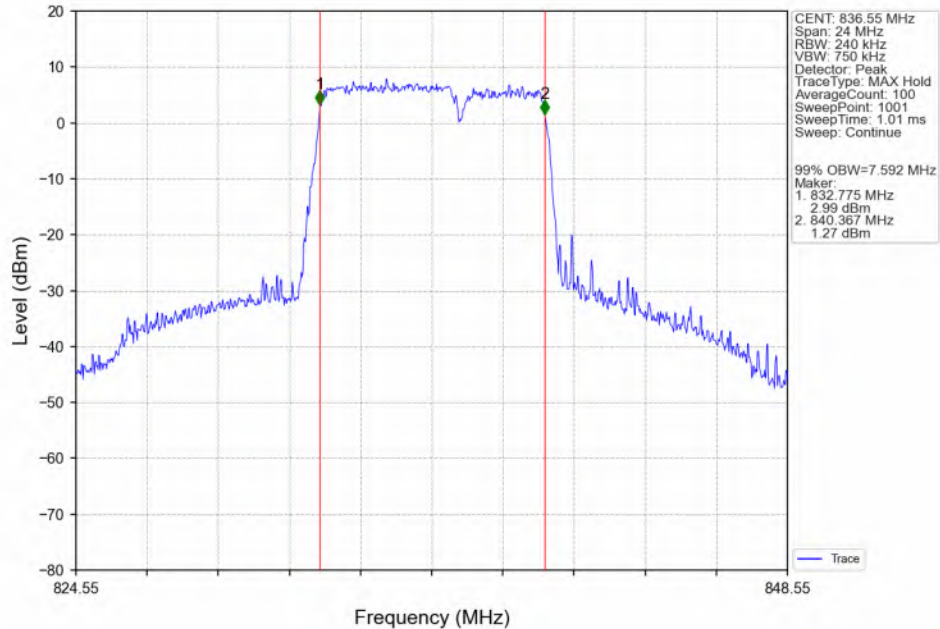
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:16QAM\_CC2:16QAM\_CC1:843.6\_CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



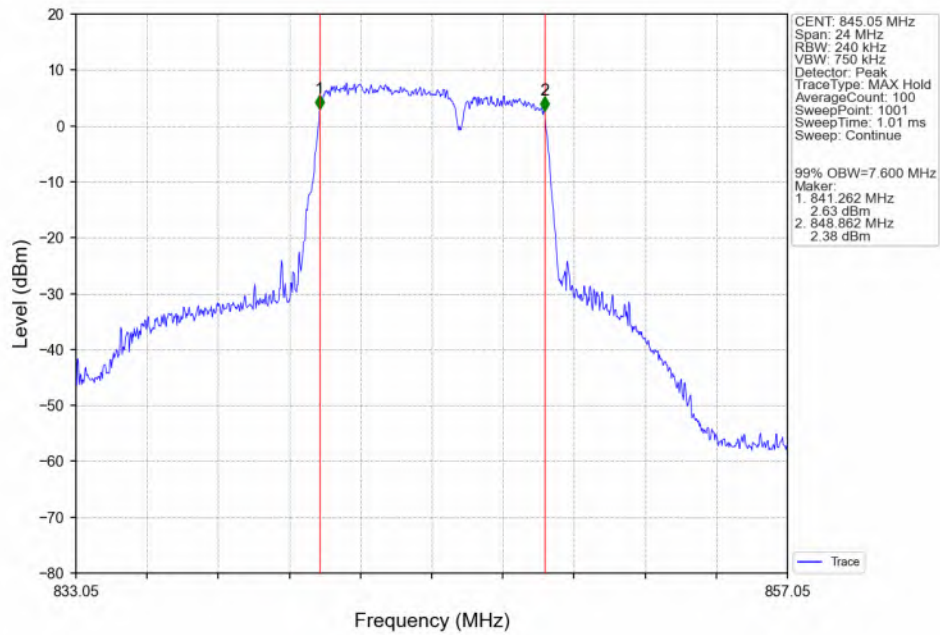
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:64QAM CC2:64QAM\_CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



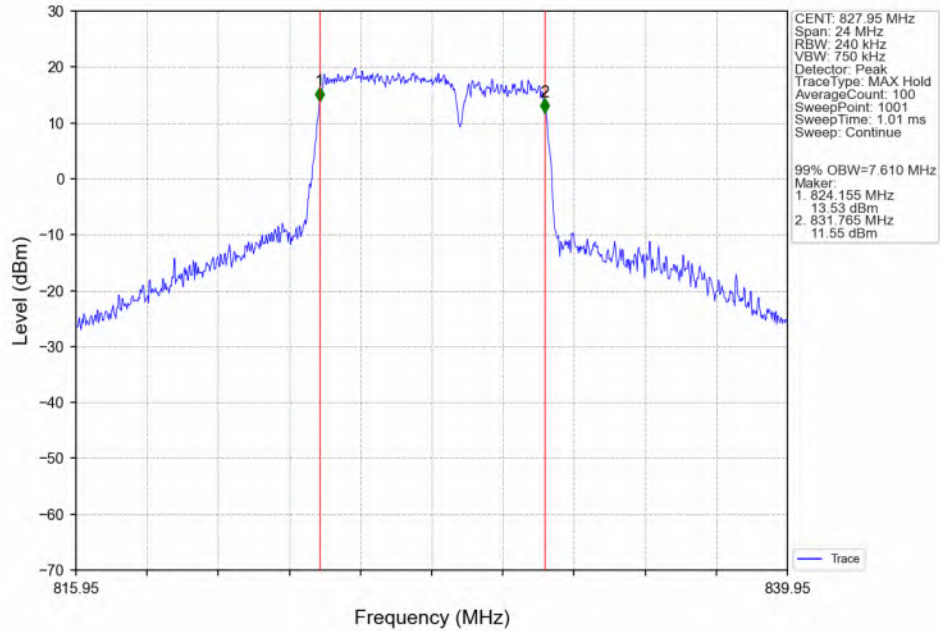
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:64QAM CC2:64QAM\_CC1:835.1 CC2:839MHz\_CC1: 25@0 CC2: 15@0



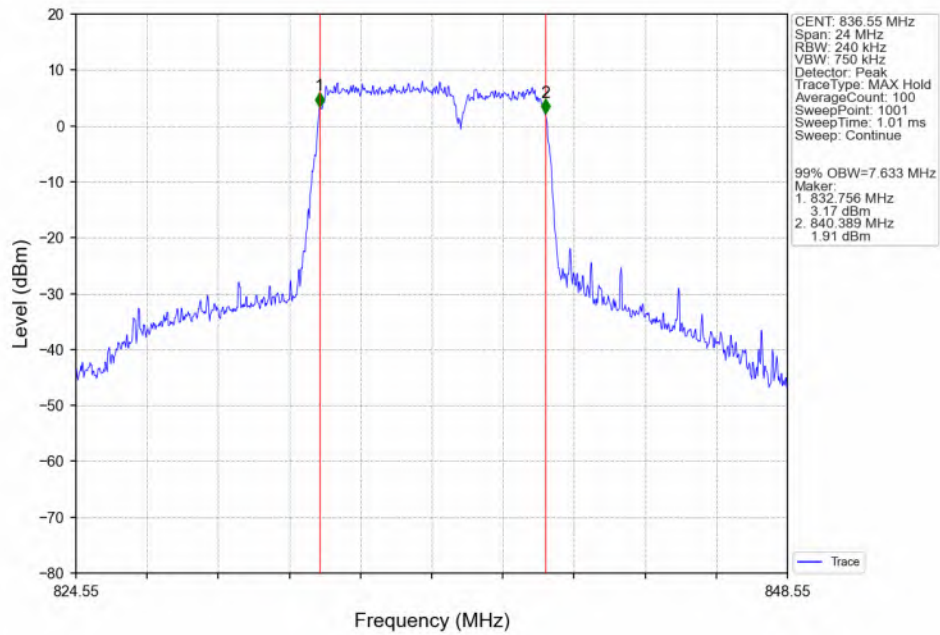
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:64QAM CC2:64QAM\_CC1:843.6 CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



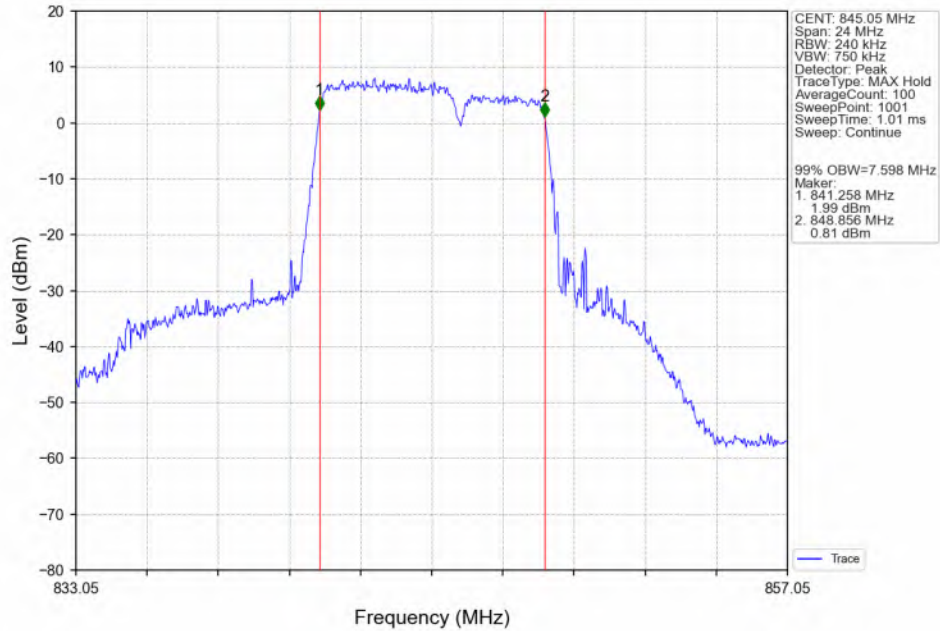
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:256QAM CC2:256QAM\_CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



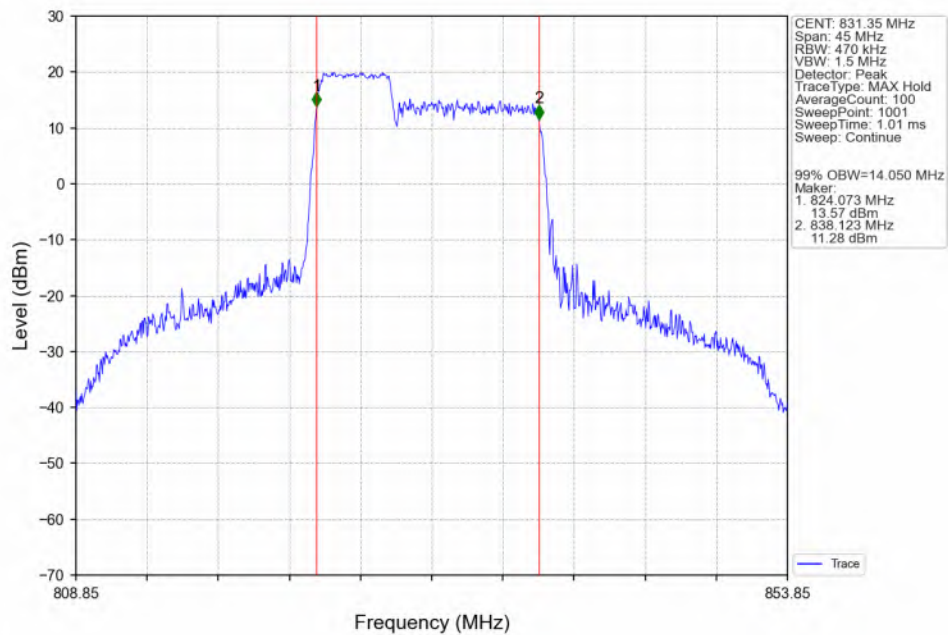
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:256QAM\_CC2:256QAM\_CC1:835.1\_CC2:839MHz\_CC1: 25@0 CC2: 15@0



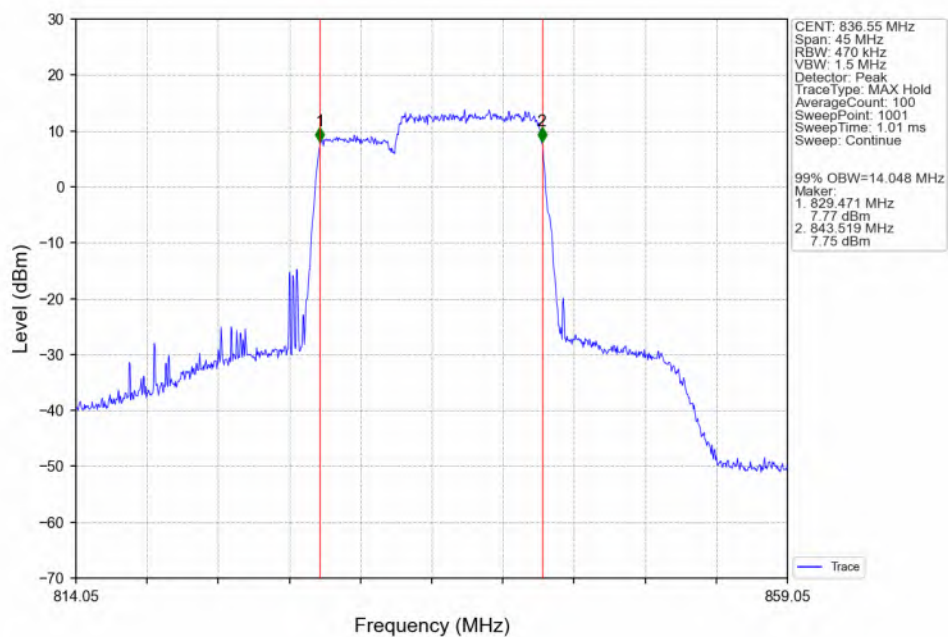
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:256QAM\_CC2:256QAM\_CC1:843.6\_CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



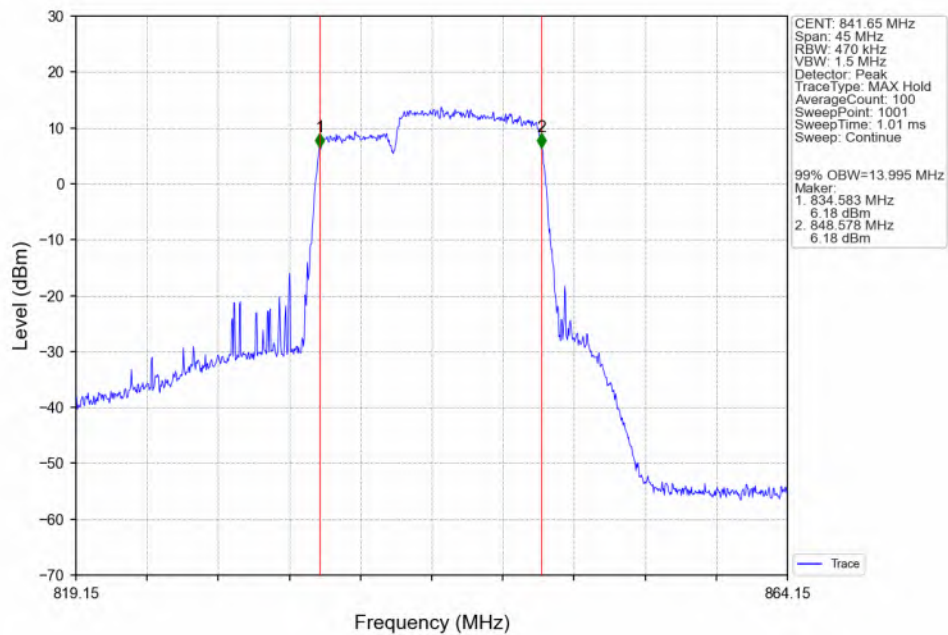
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



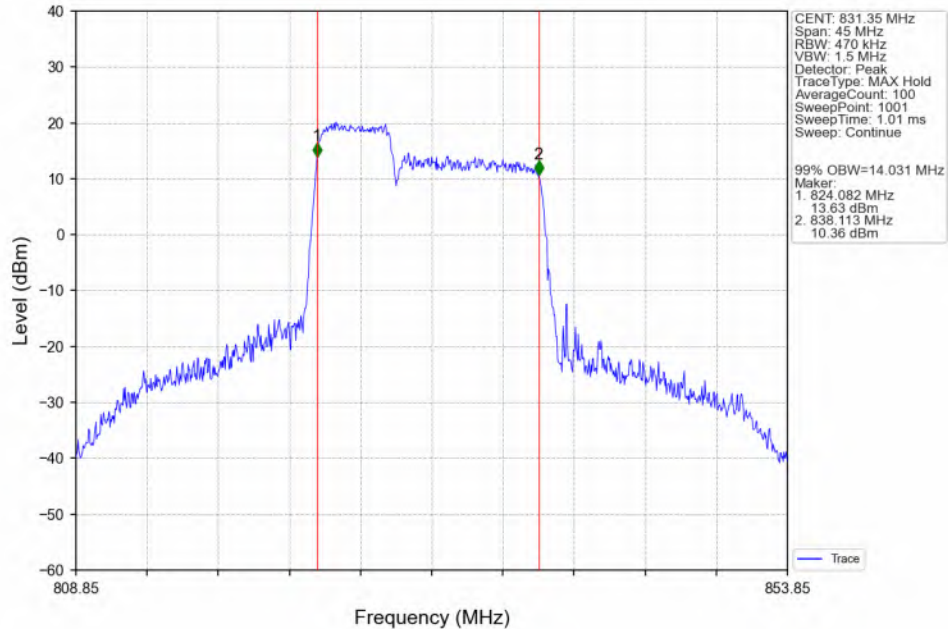
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



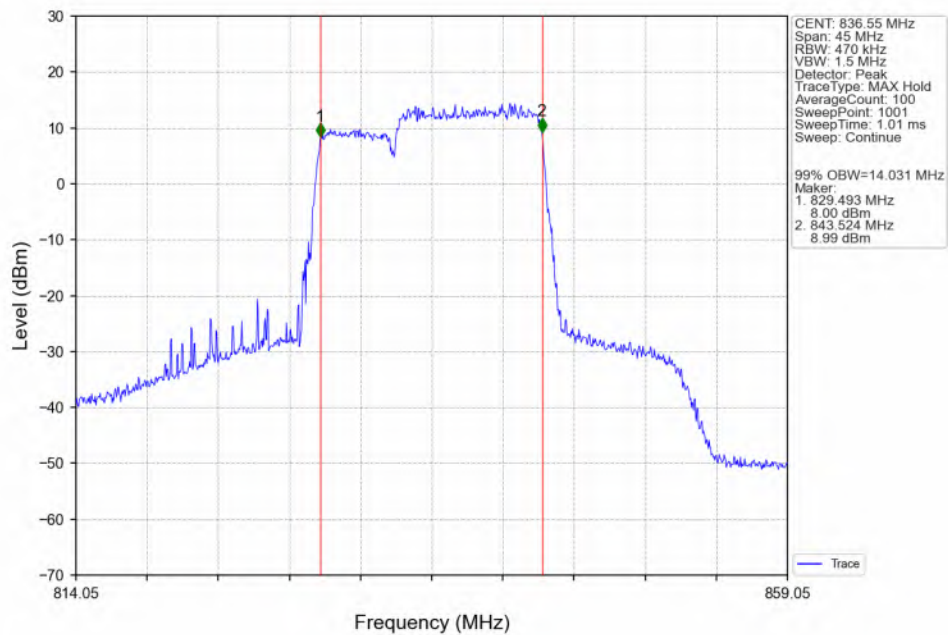
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:836.8 CC2:844MHz\_CC1: 25@0 CC2: 50@0



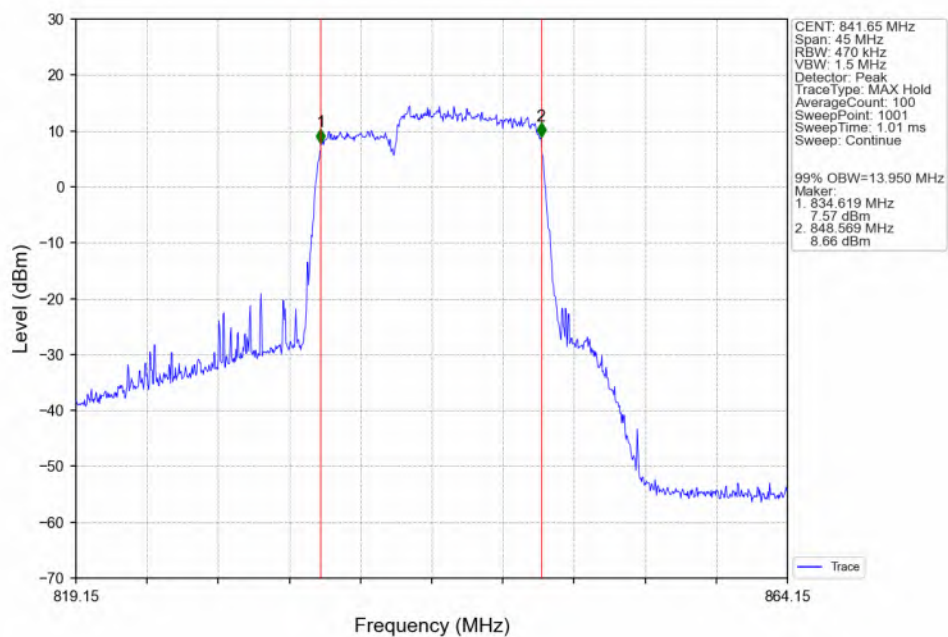
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:826.5 CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



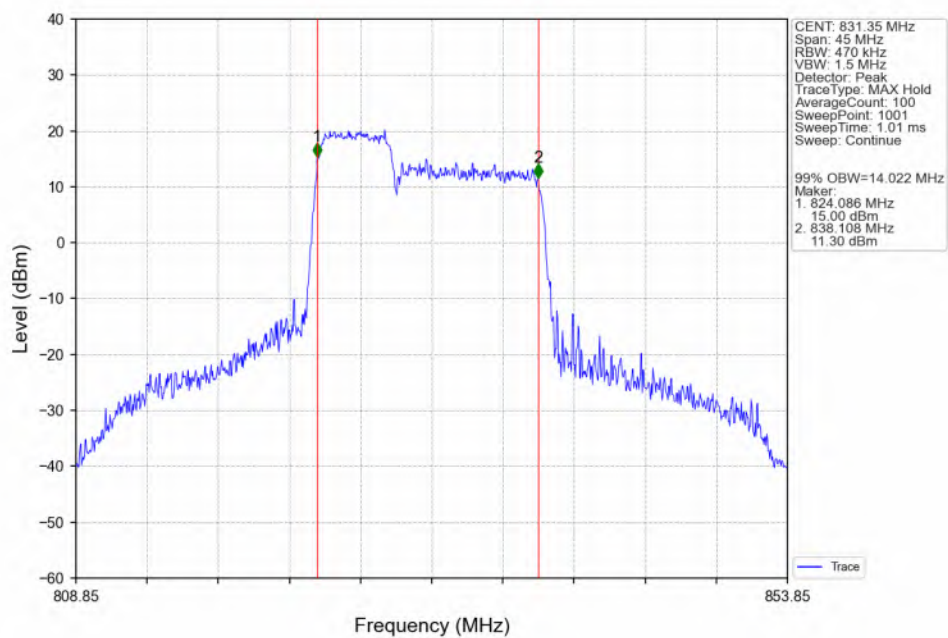
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



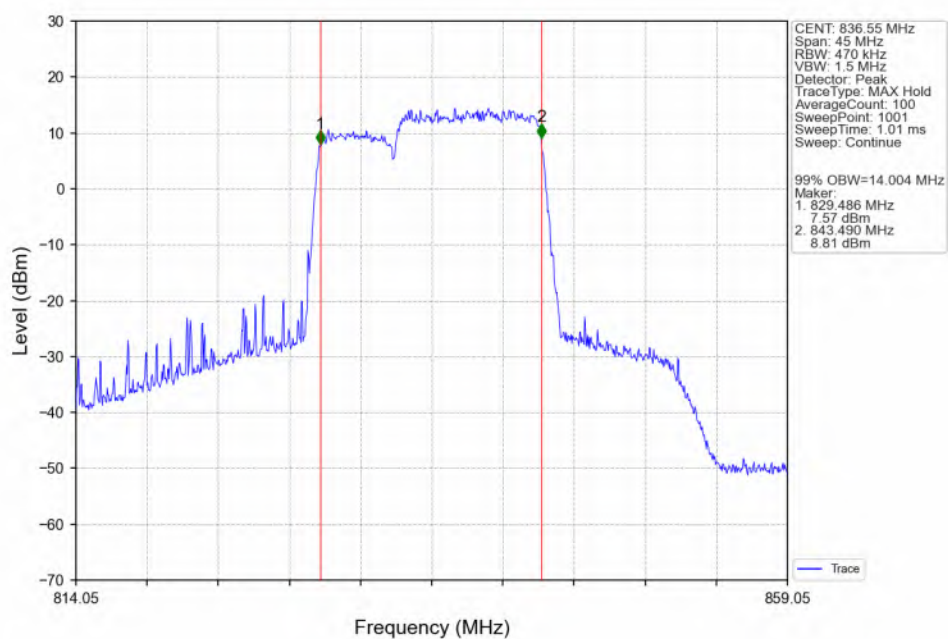
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0

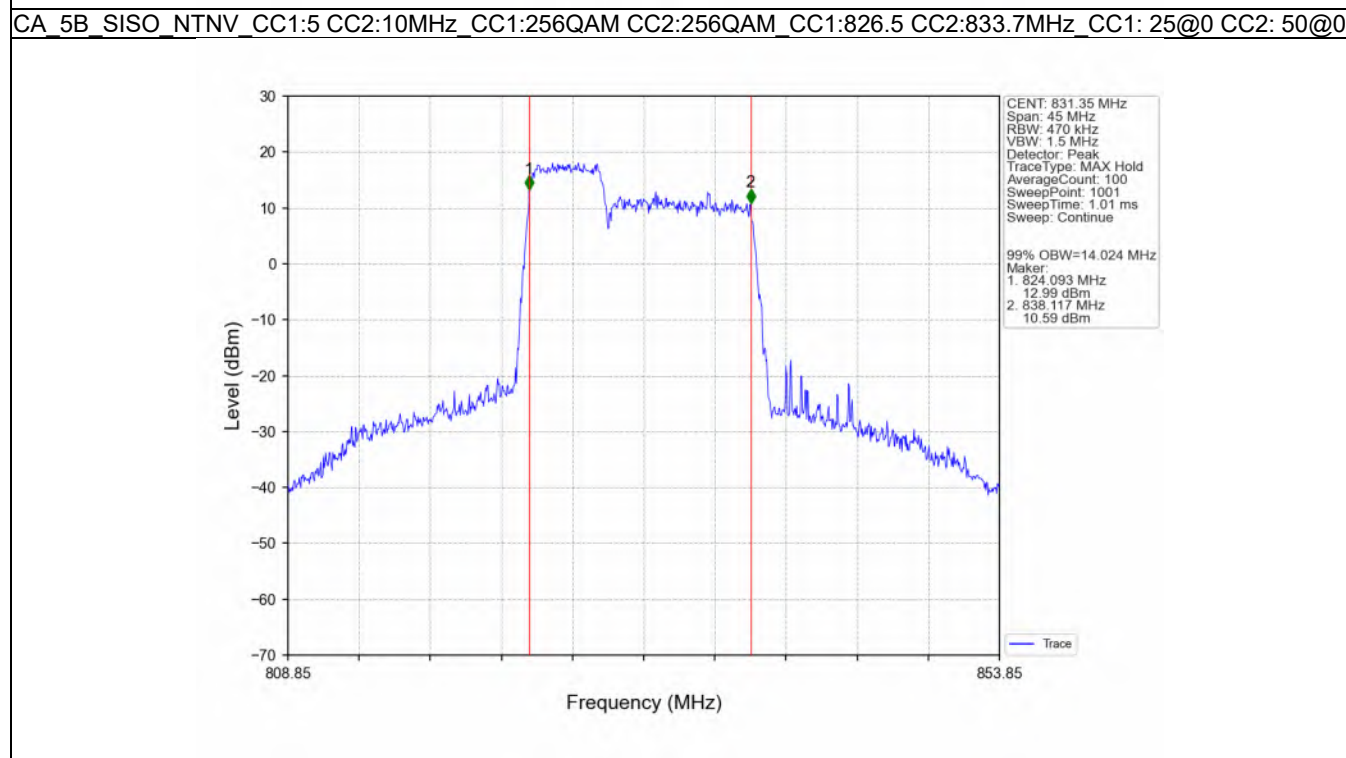
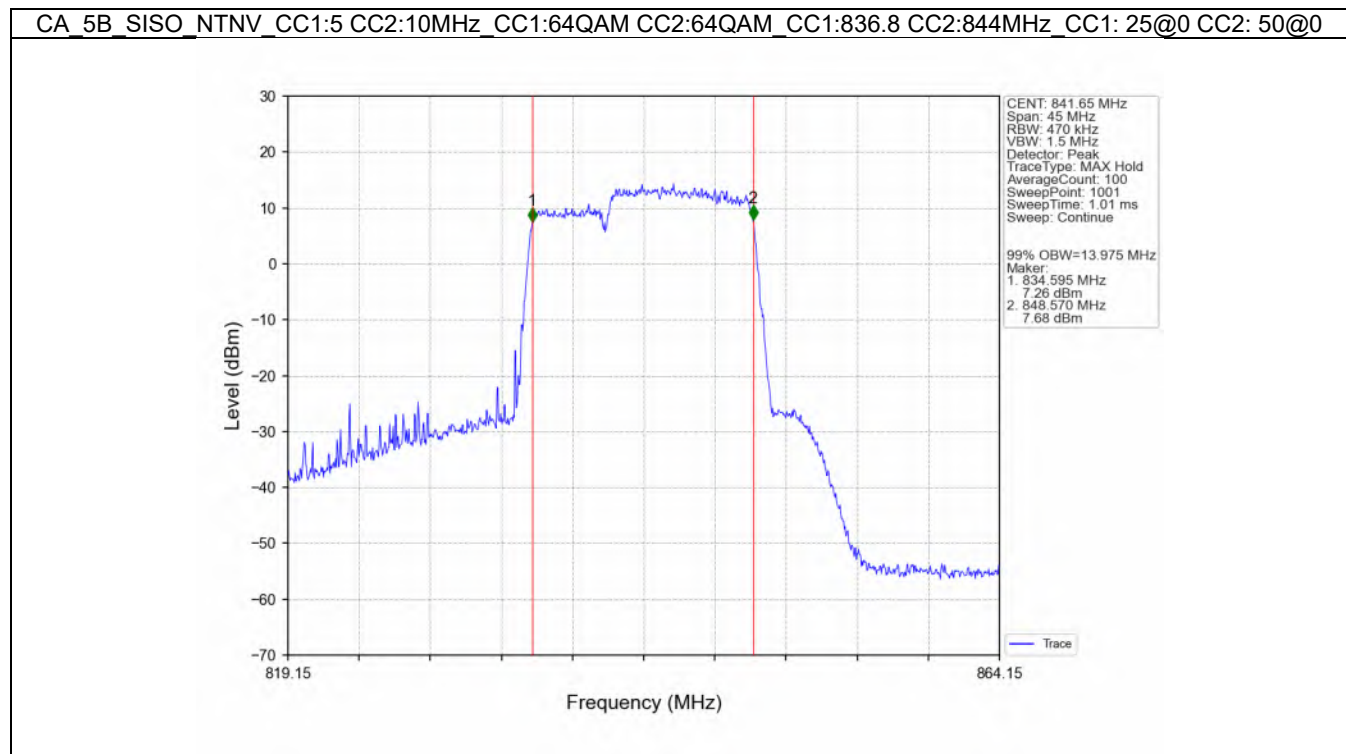


CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0

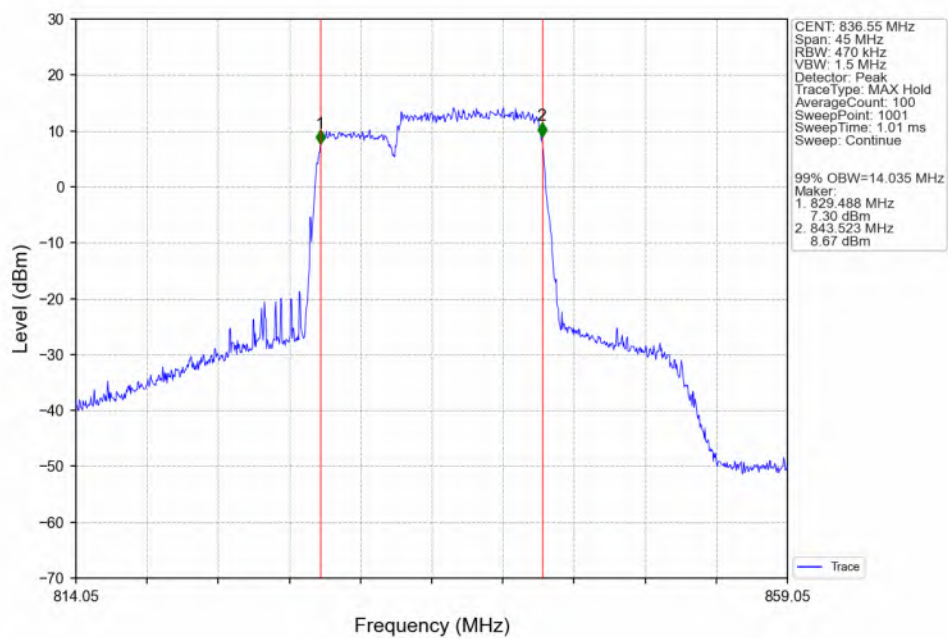


CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0

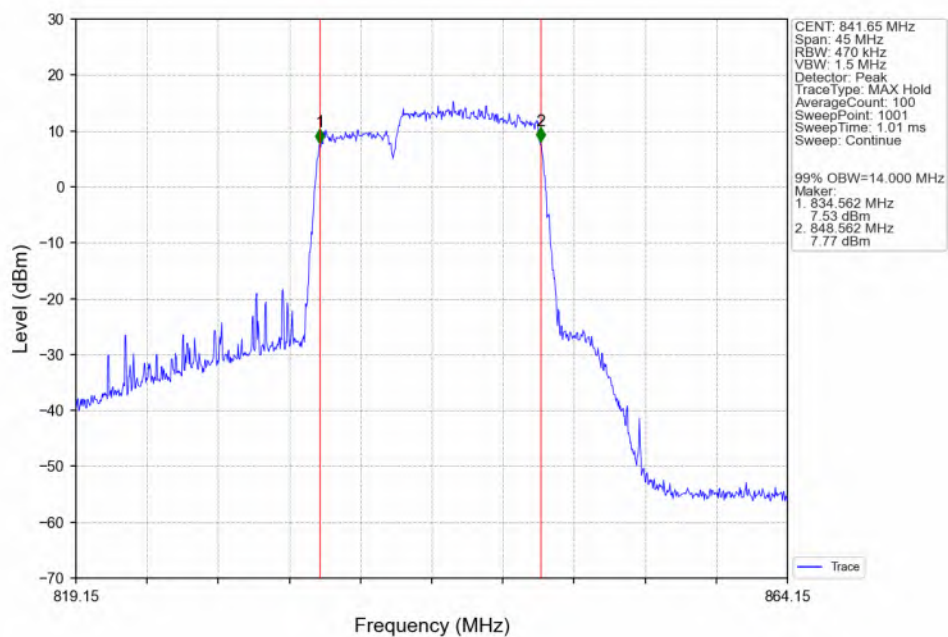




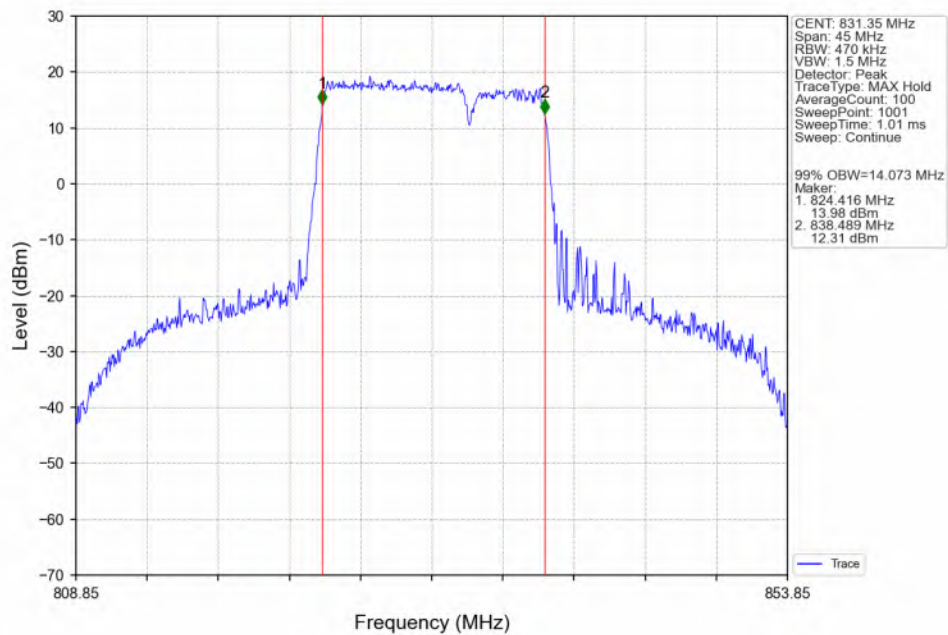
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



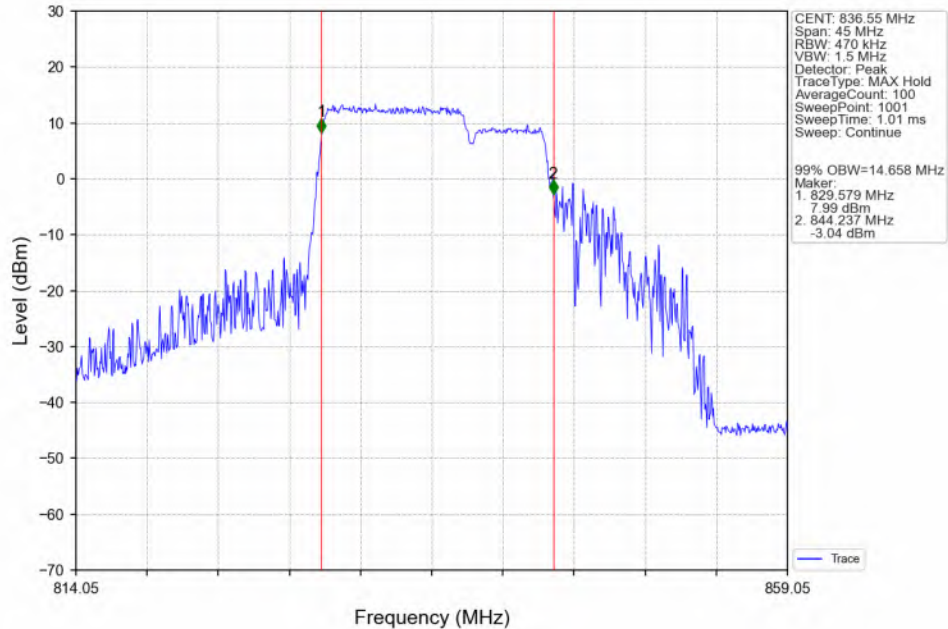
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



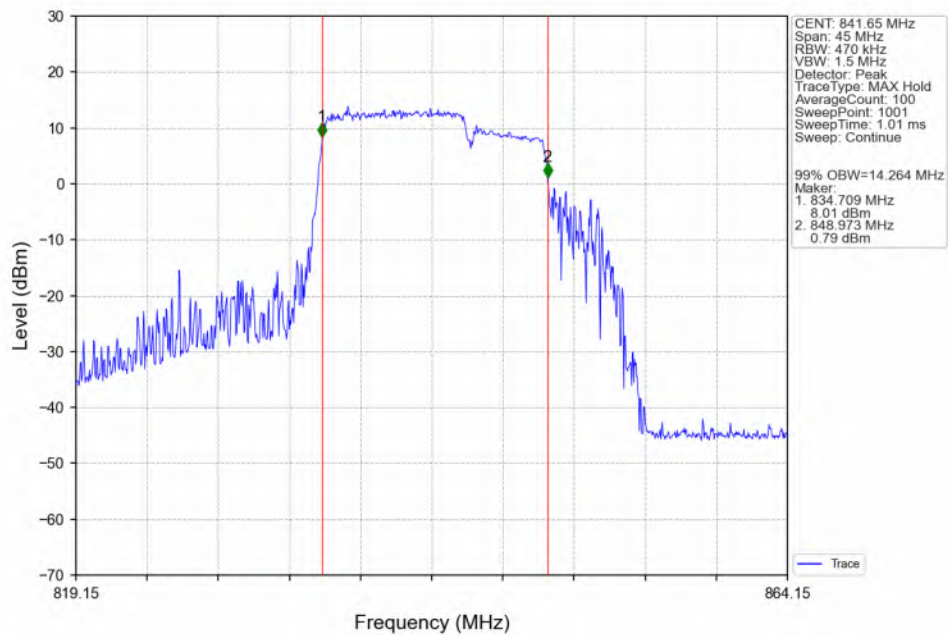
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



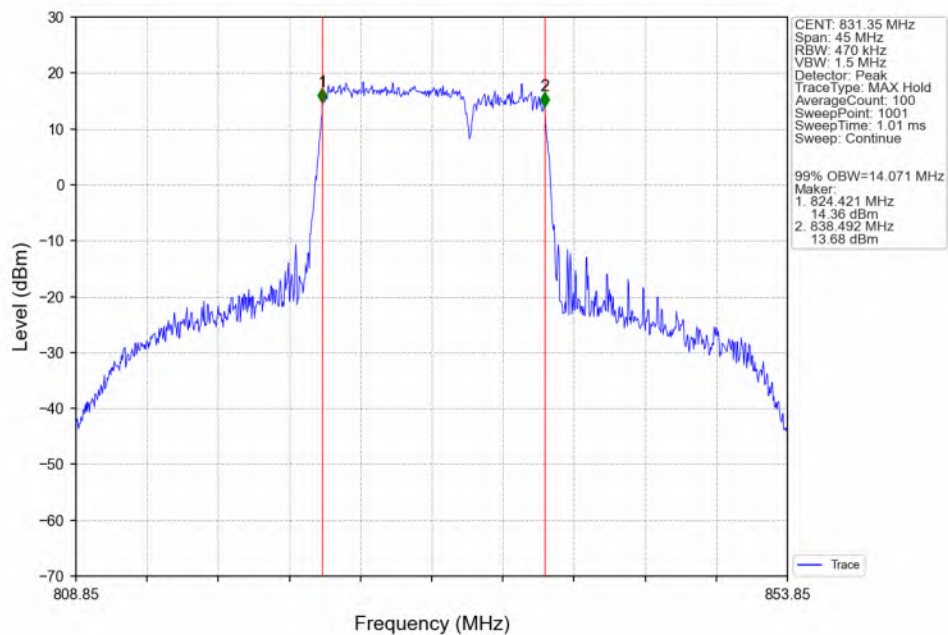
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:834.2 CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



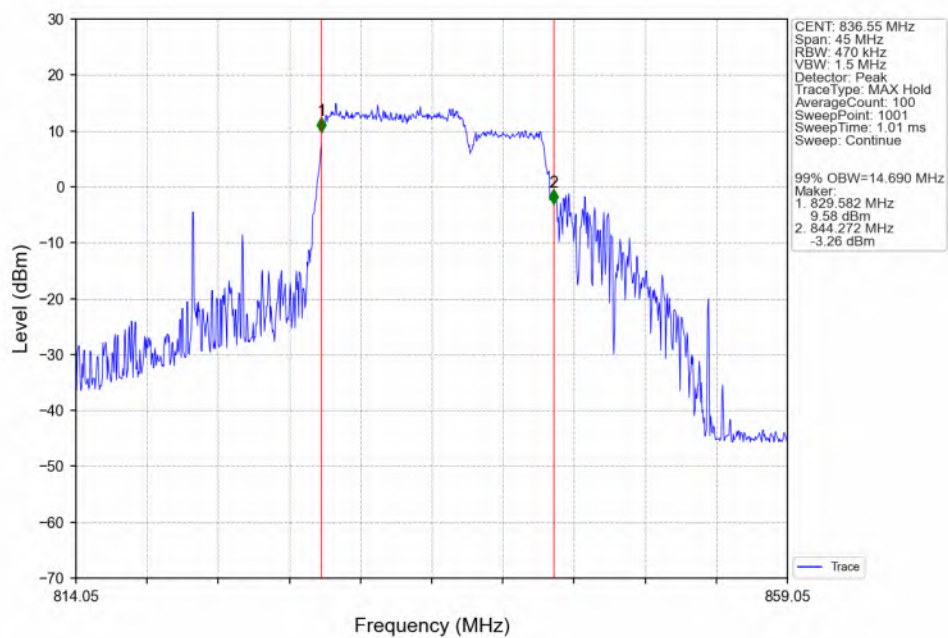
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0 CC2: 25@0



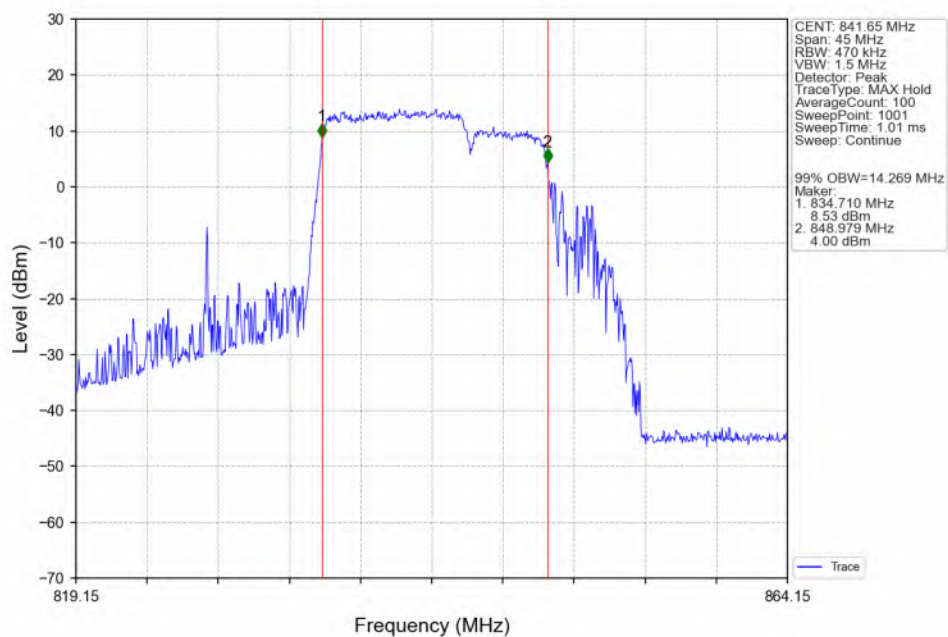
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:829\_CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



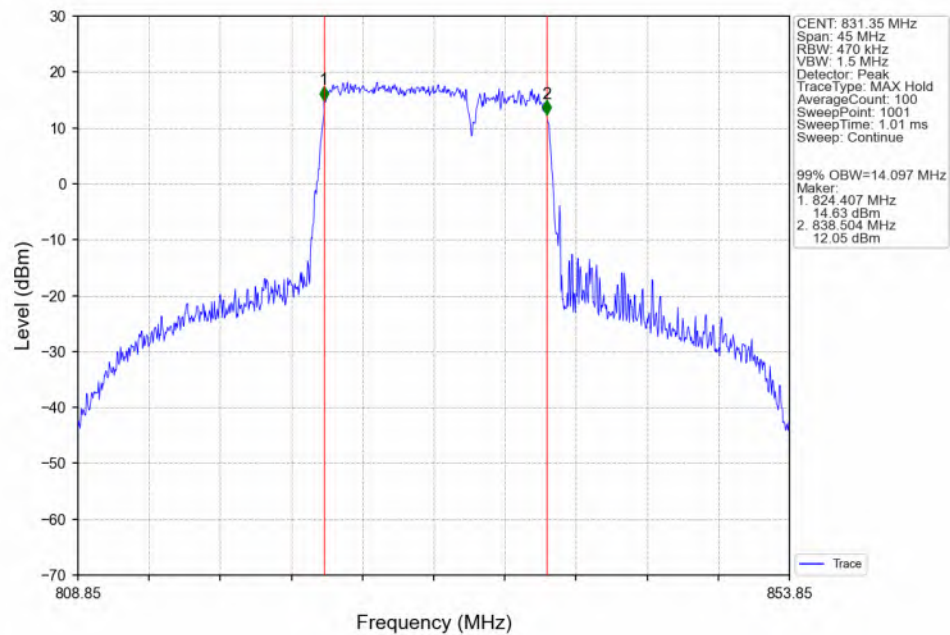
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



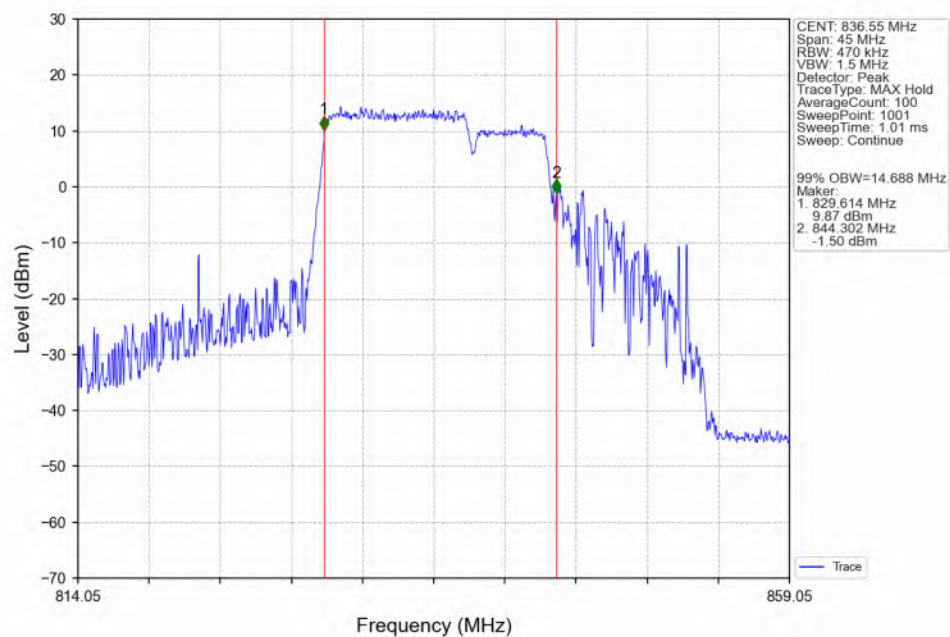
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0 CC2: 25@0



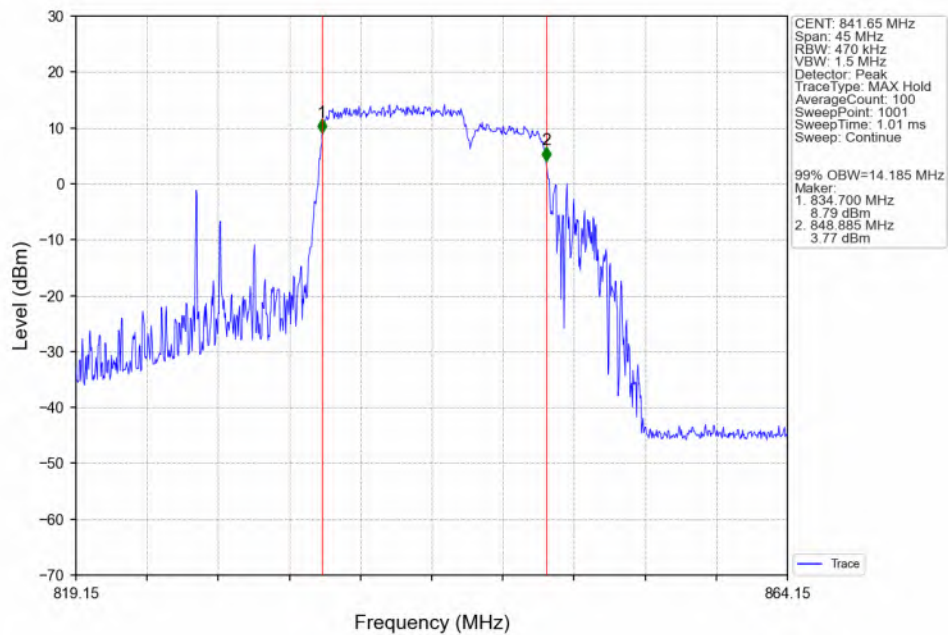
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



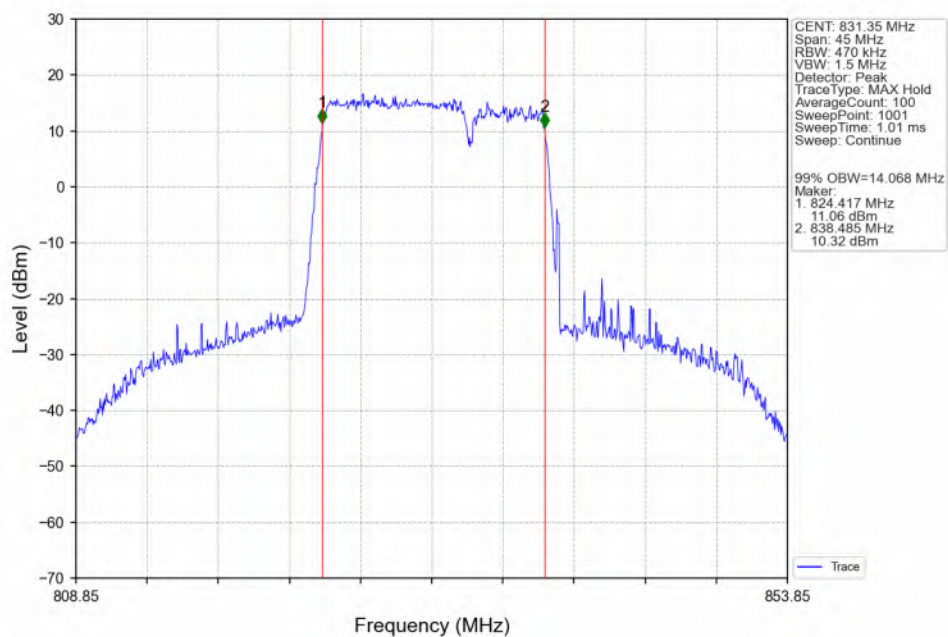
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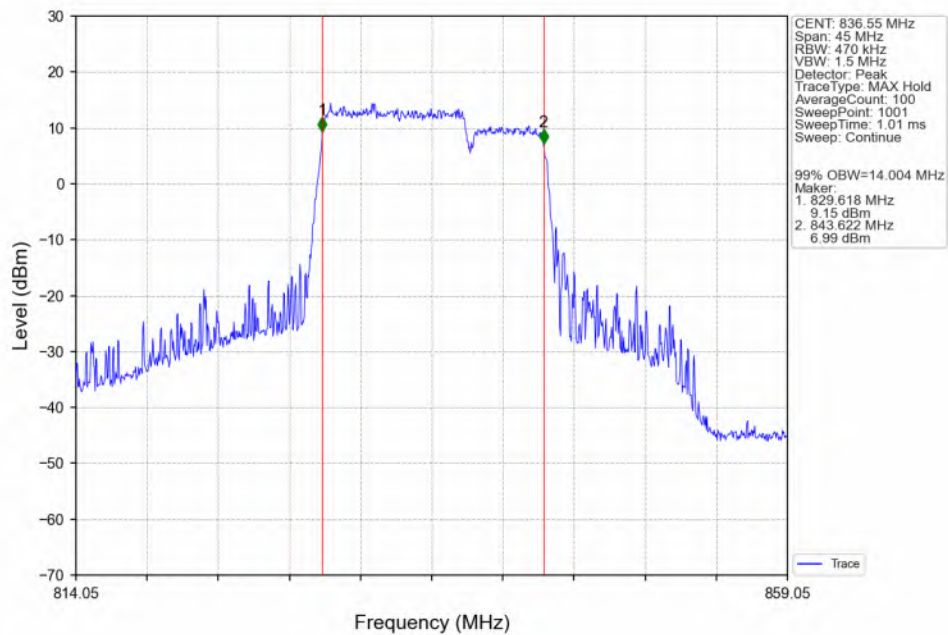
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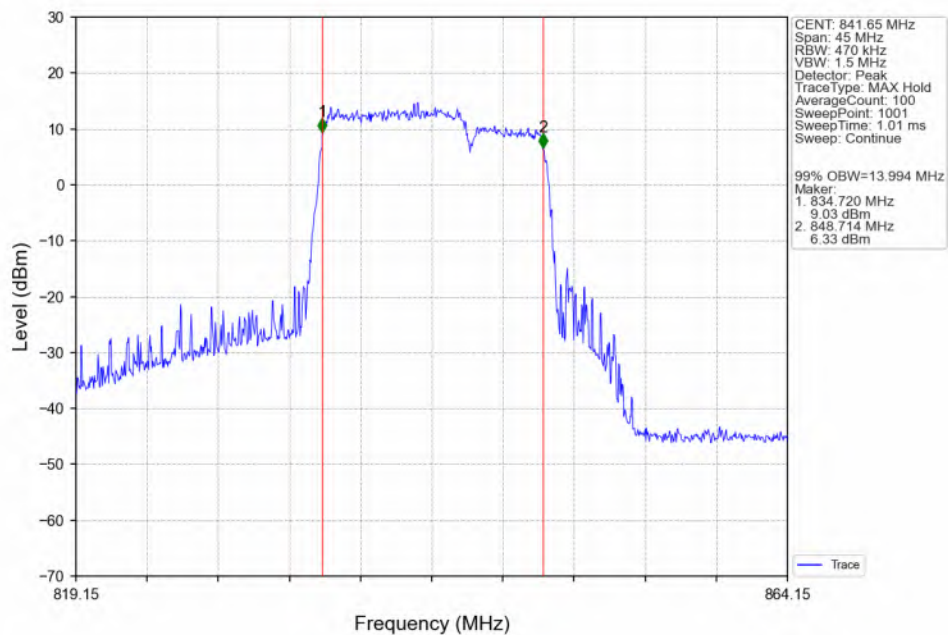
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



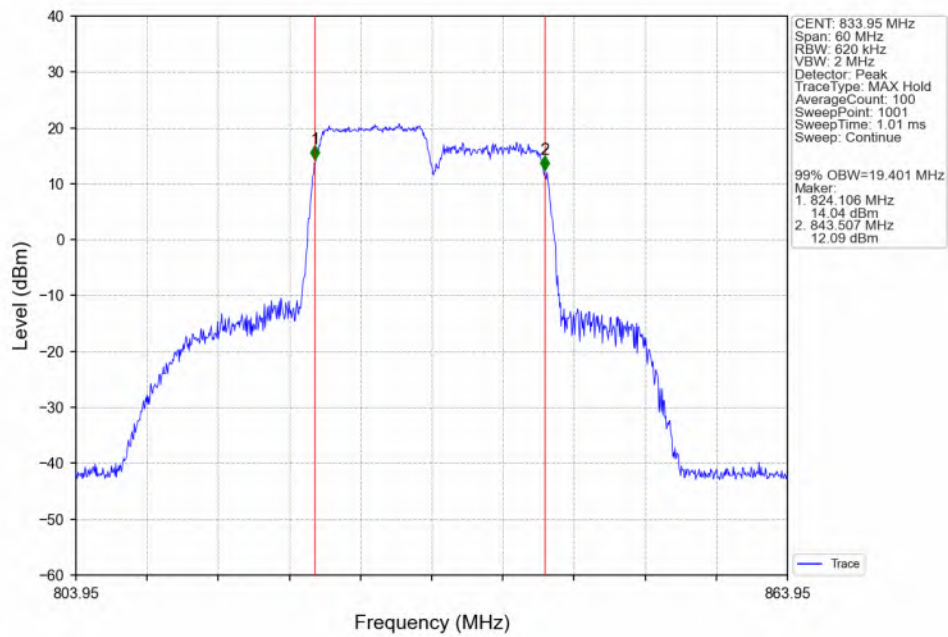
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



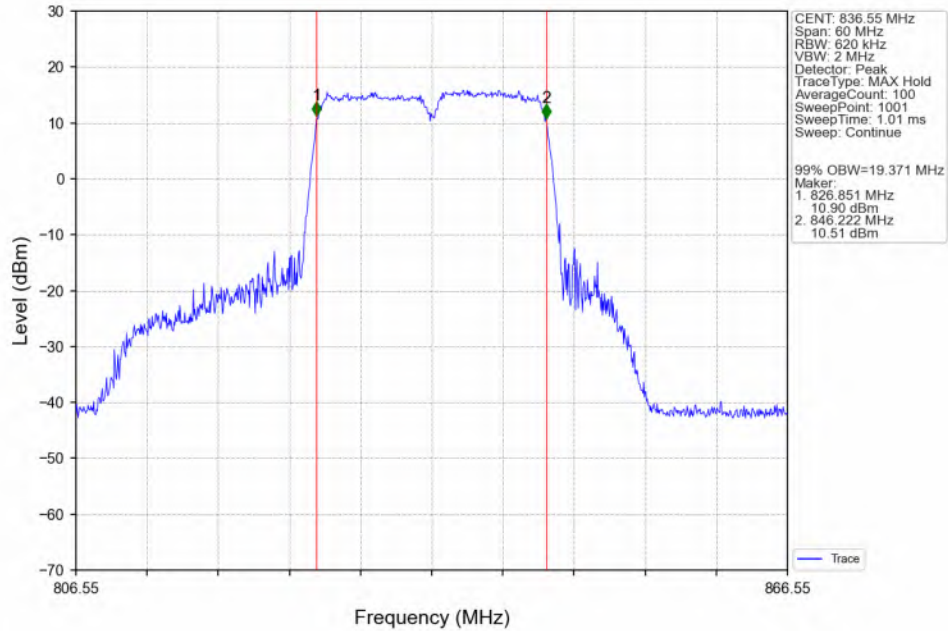
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0 CC2: 25@0



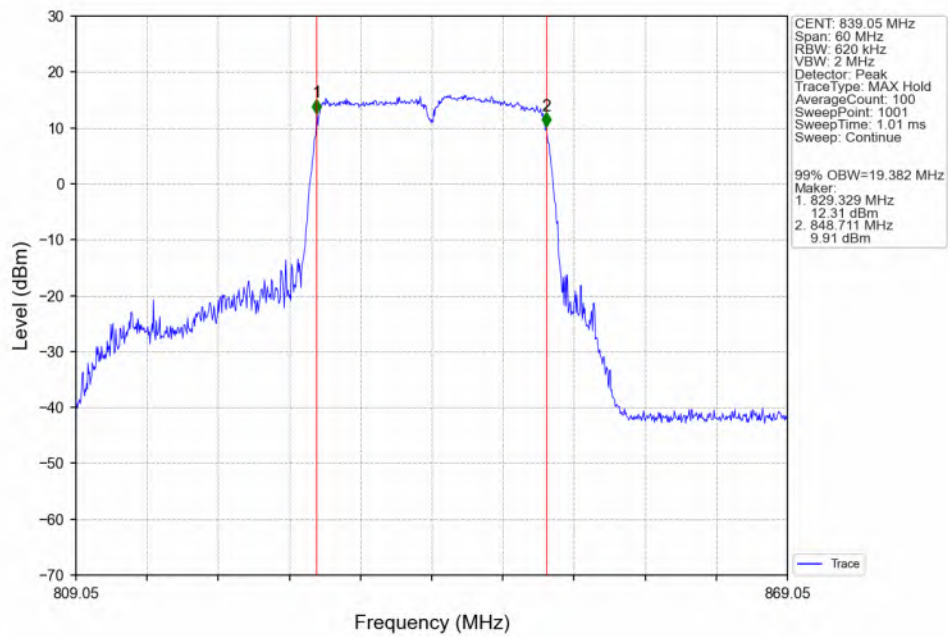
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



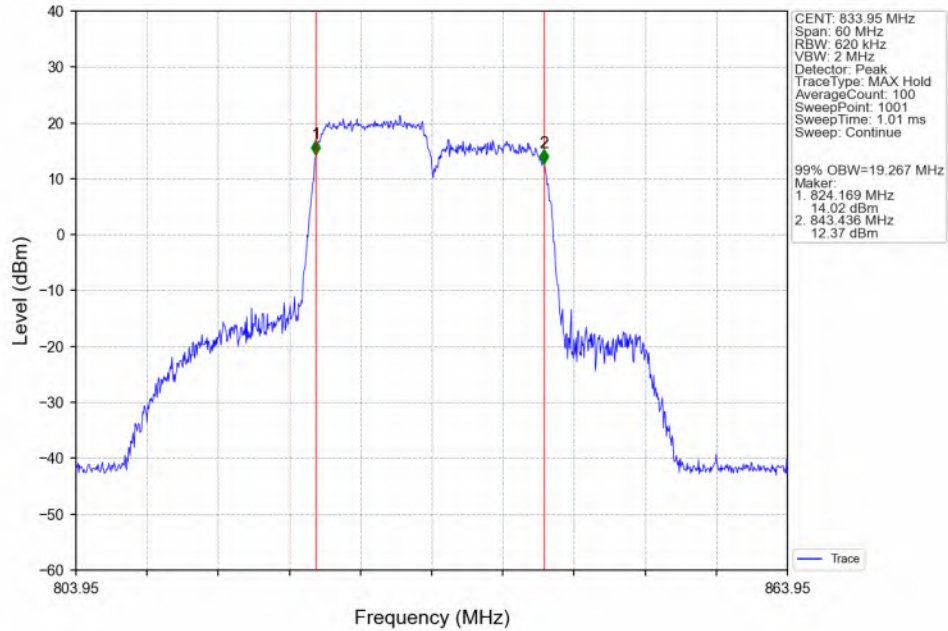
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:831.6 CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



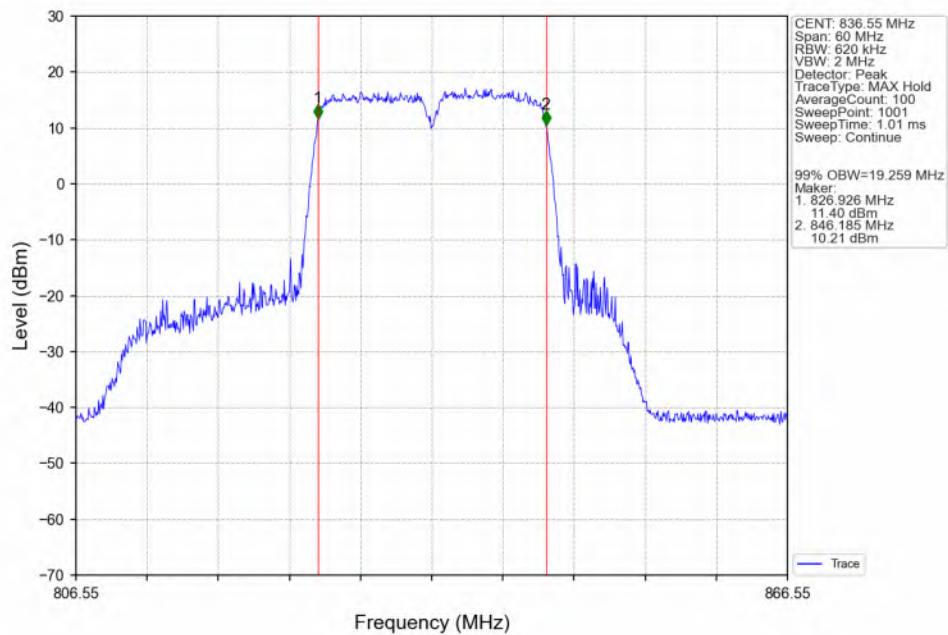
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:834.1\_CC2:844MHz\_CC1: 50@0 CC2: 50@0



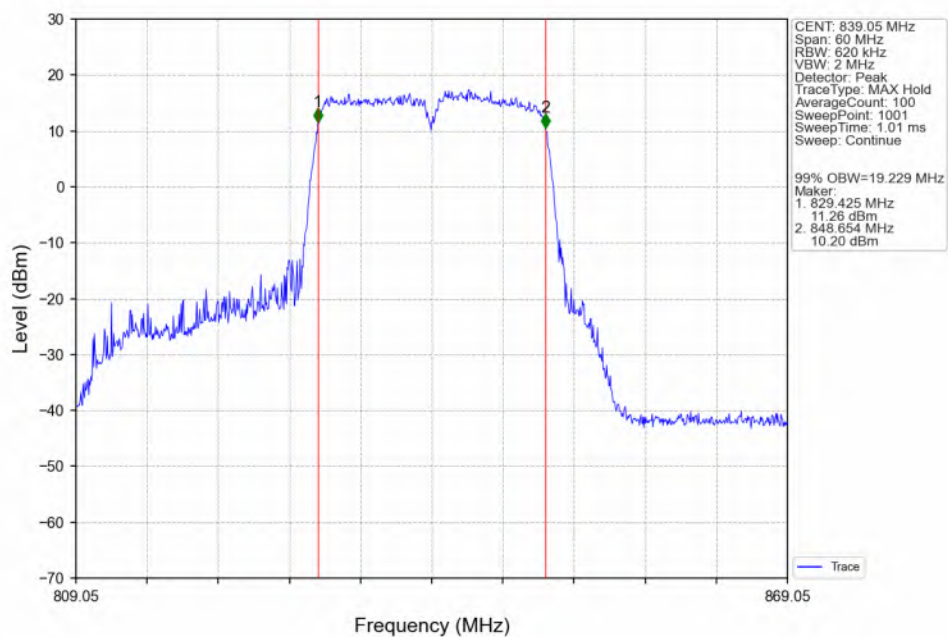
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



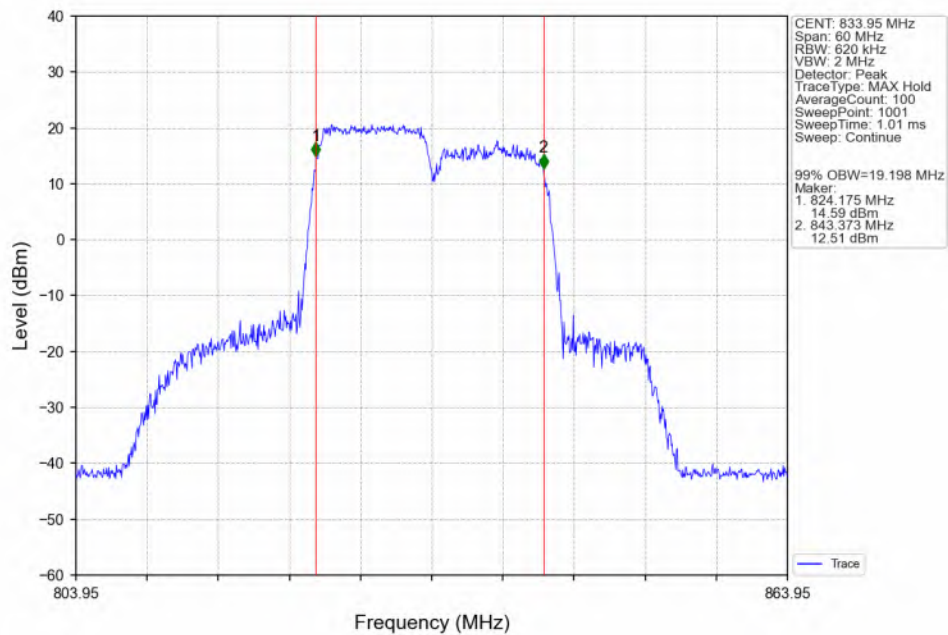
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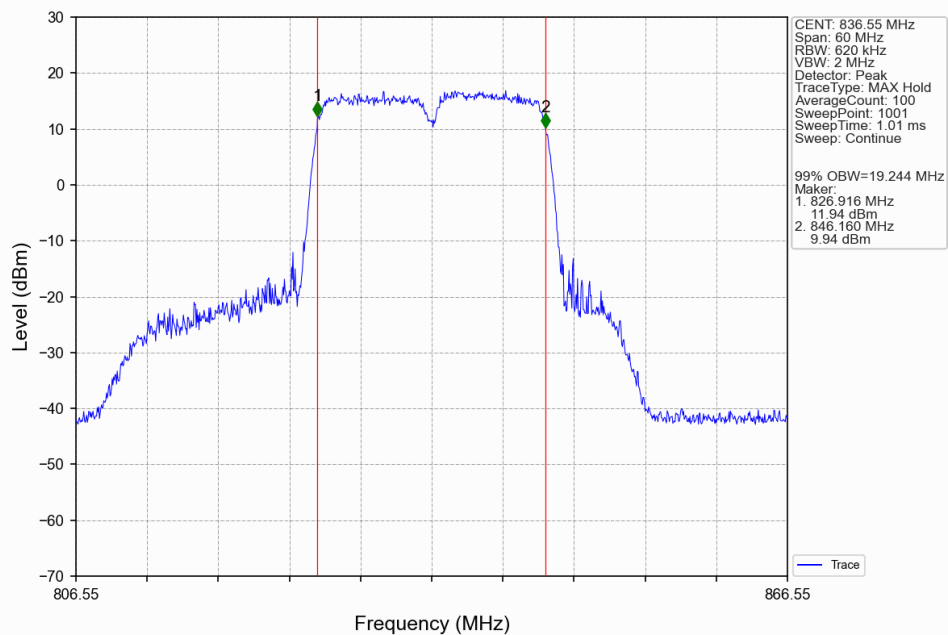
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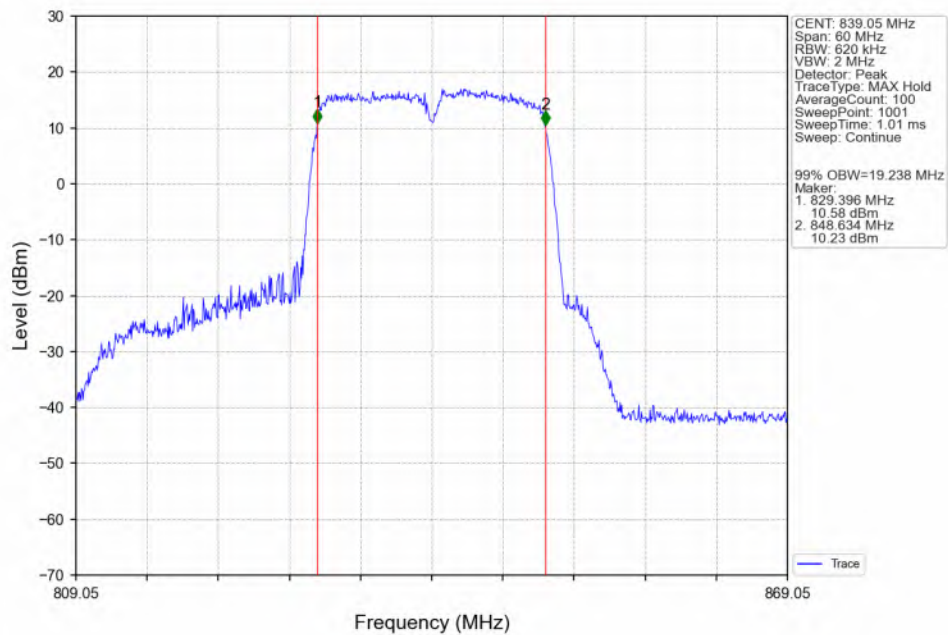
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



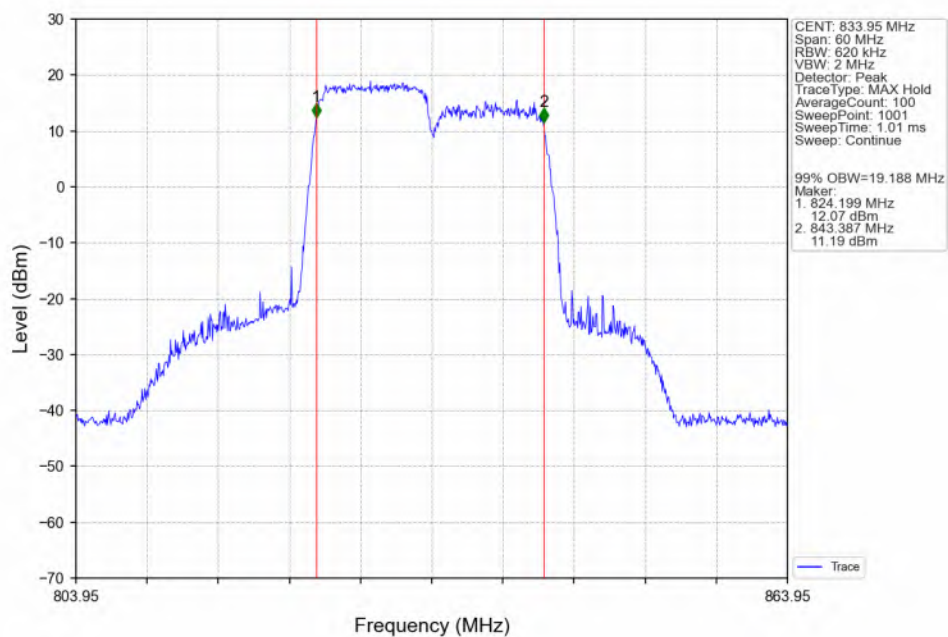
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.6\_CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



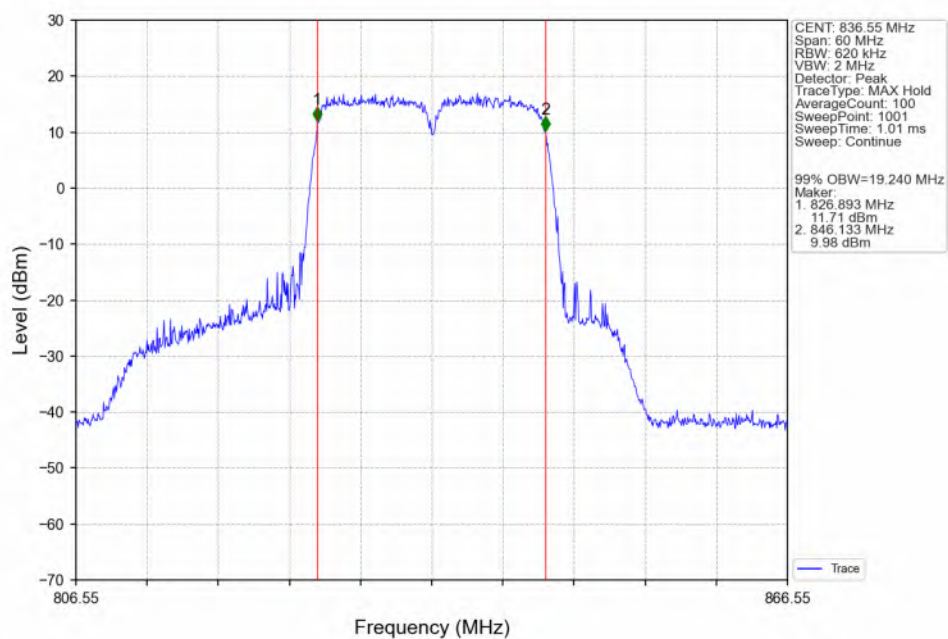
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:834.1\_CC2:844MHz\_CC1: 50@0 CC2: 50@0



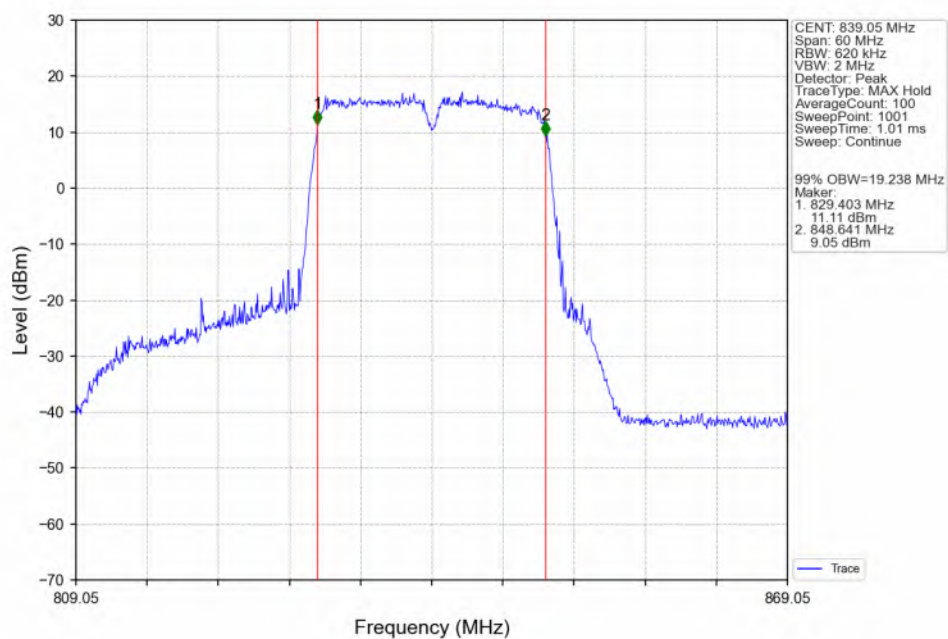
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:831.6 CC2:841.5MHz\_CC1: 50@0 CC2:  
50@0

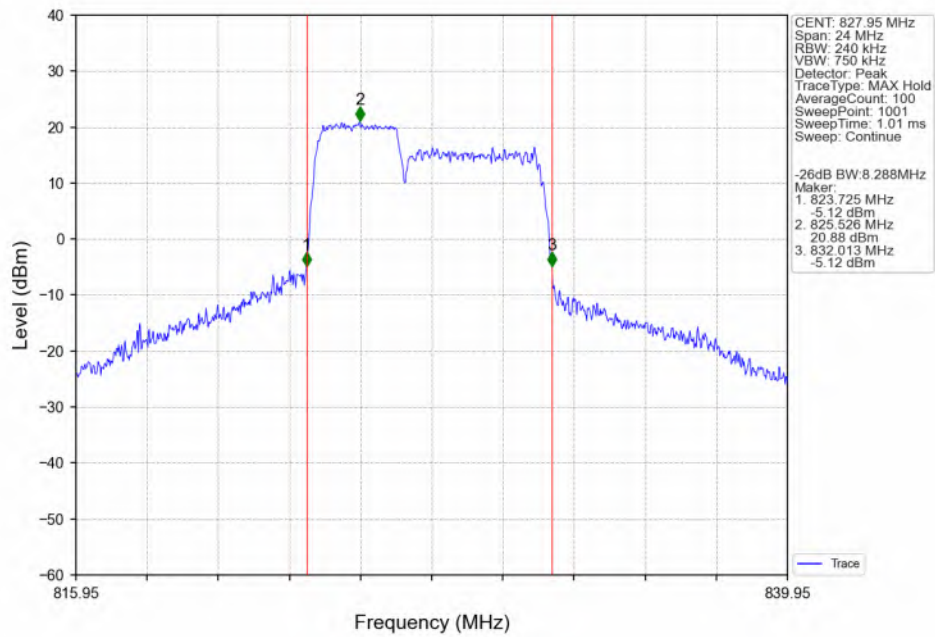


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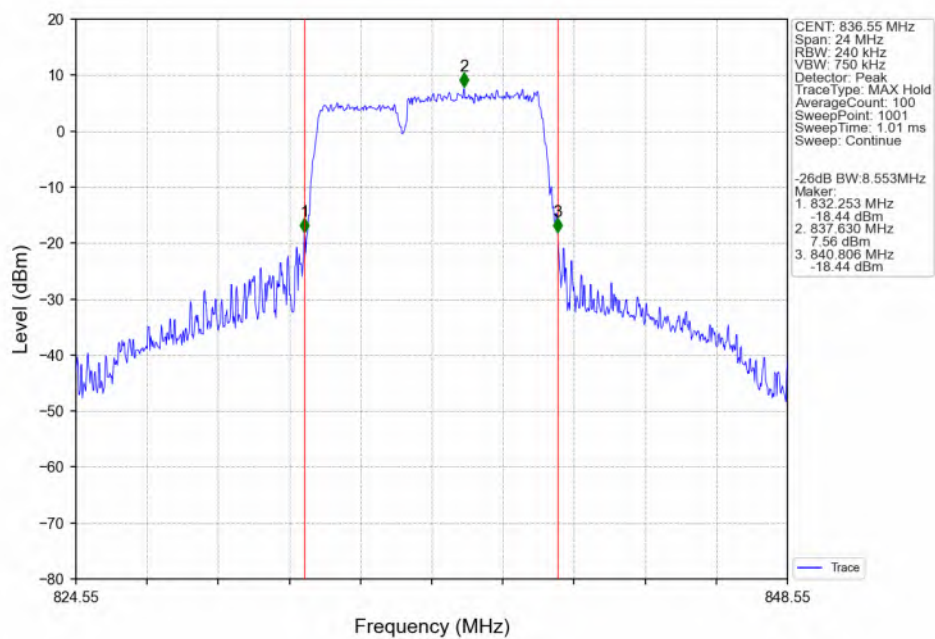


## 2.2.2 CA\_5B\_NTNV\_XDB

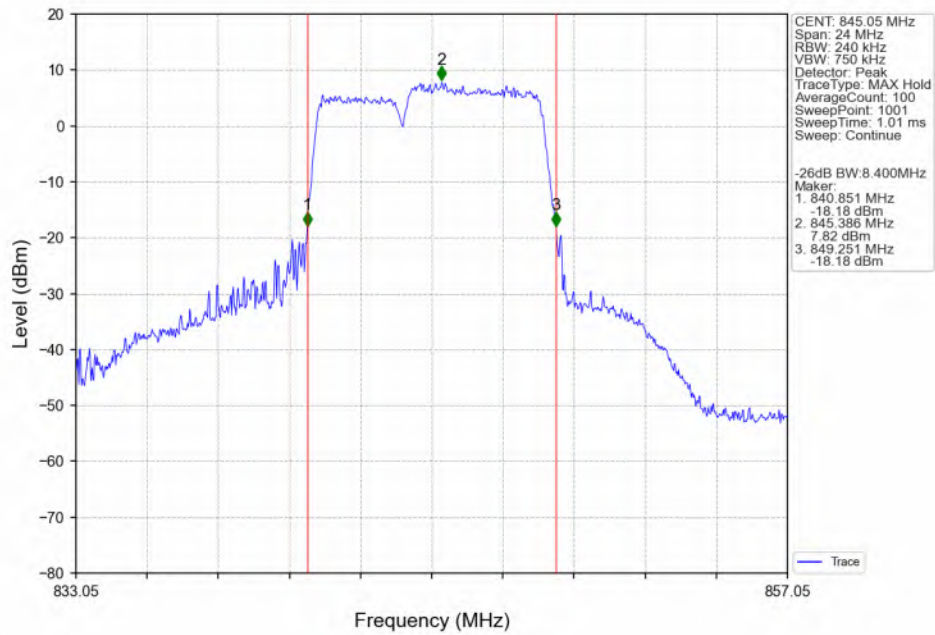
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



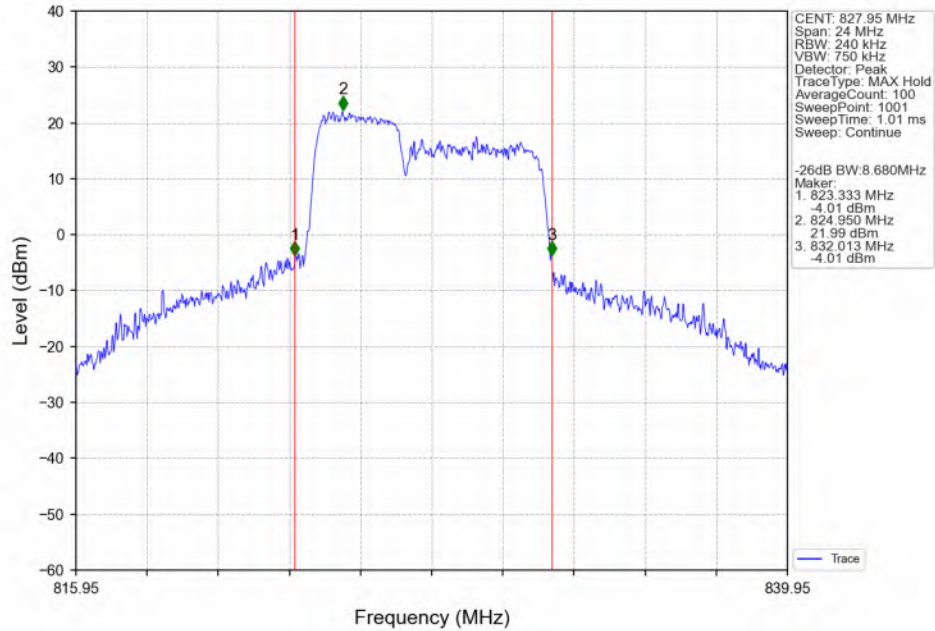
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



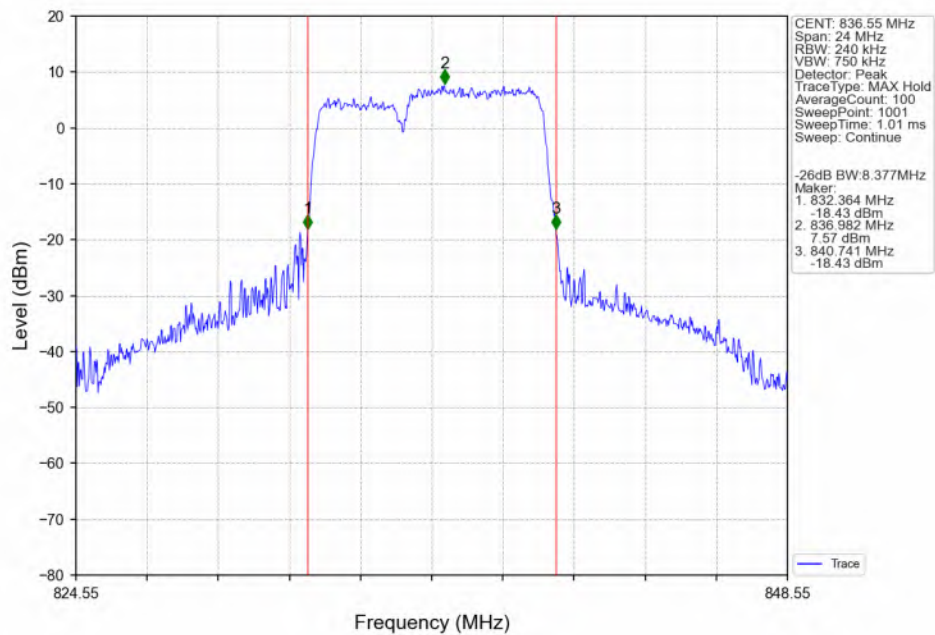
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



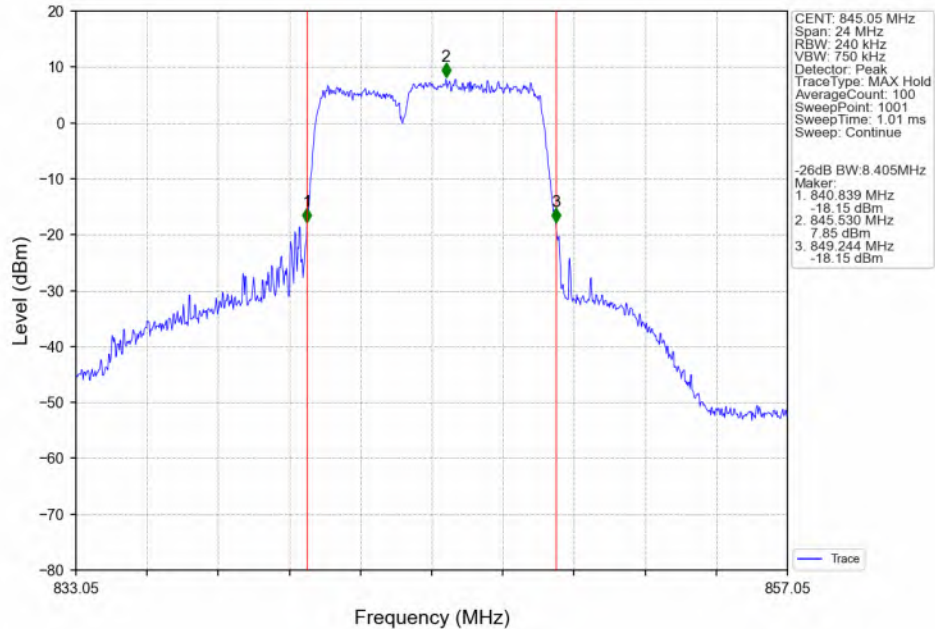
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



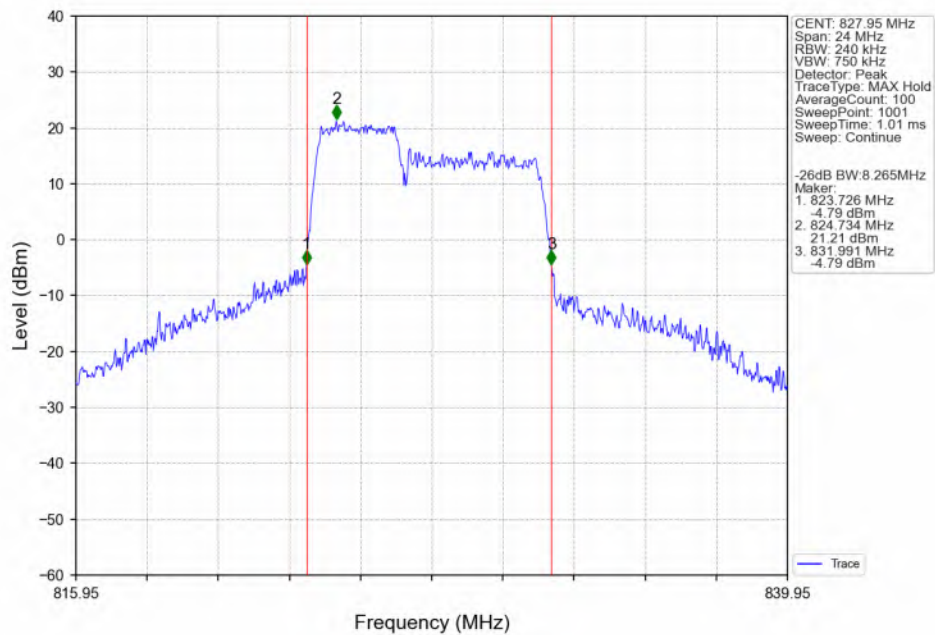
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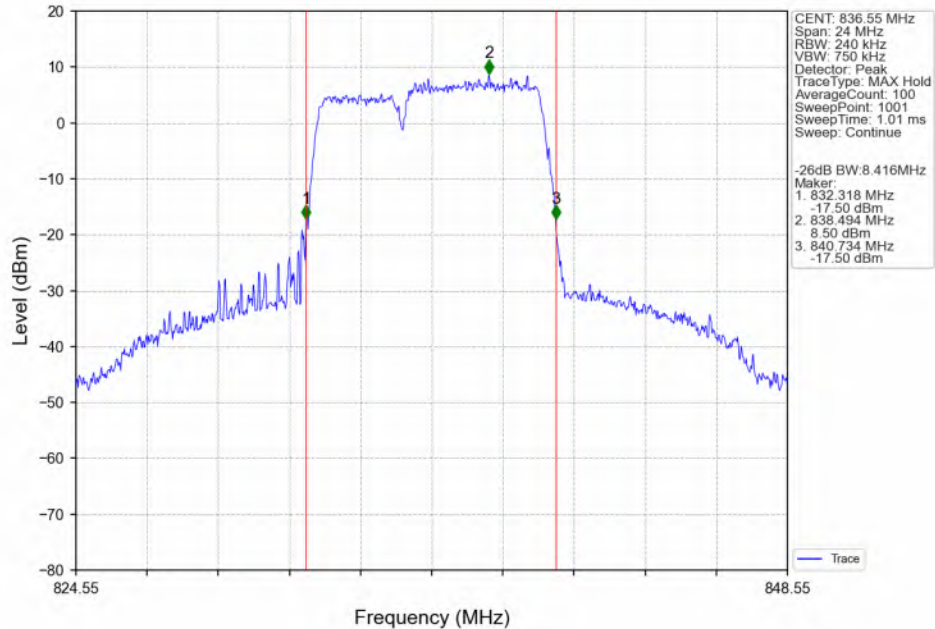
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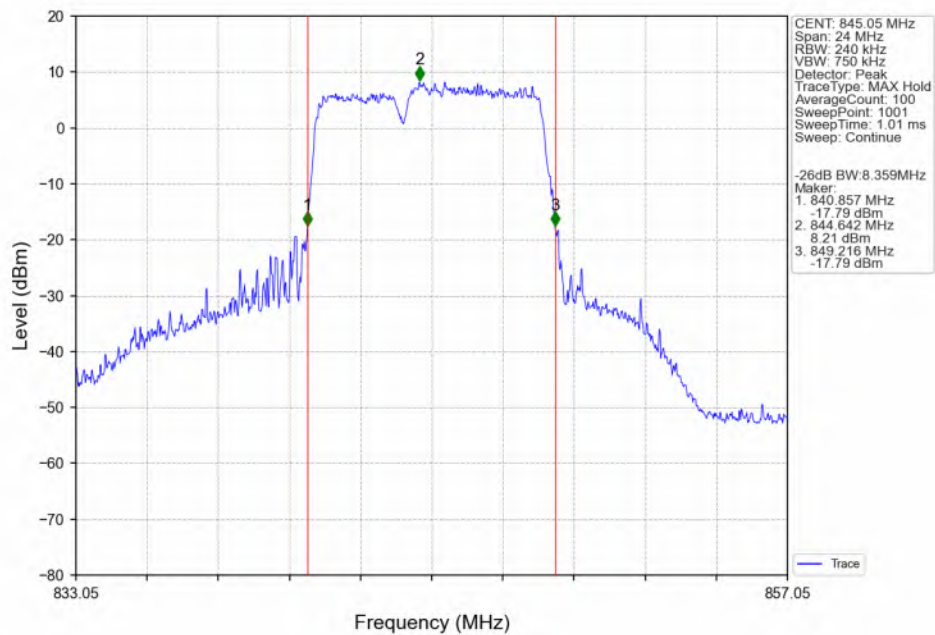
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



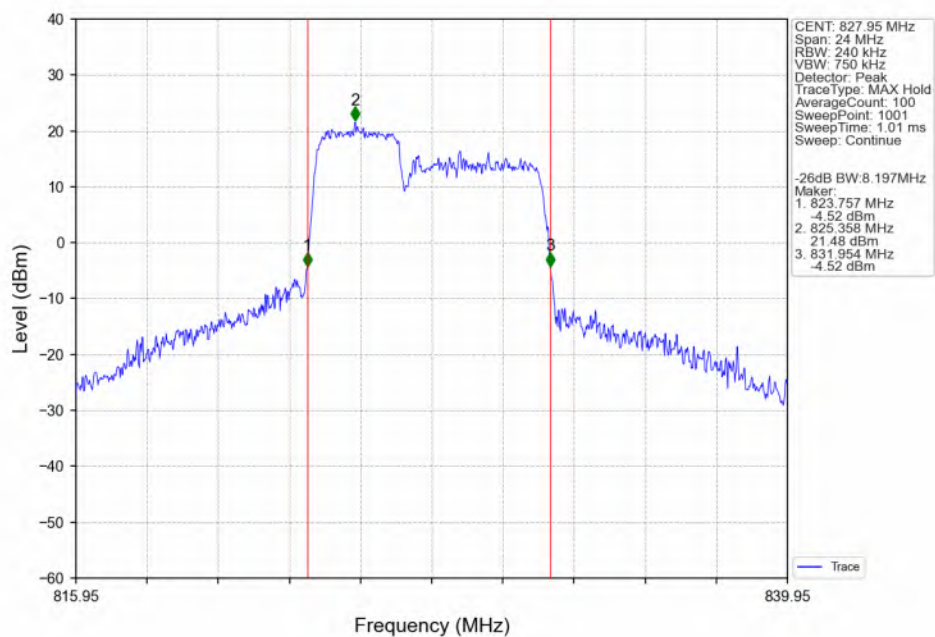
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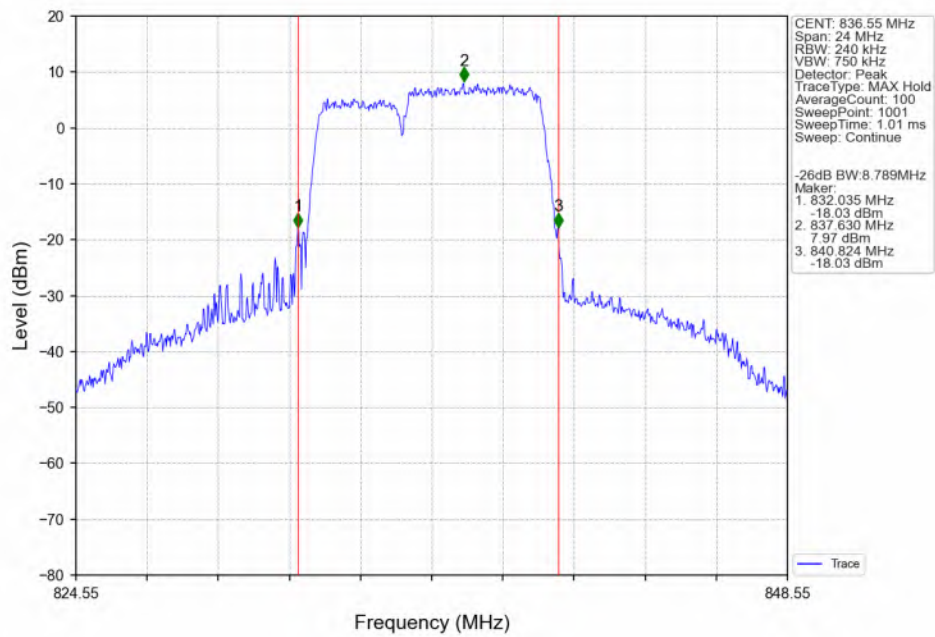
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



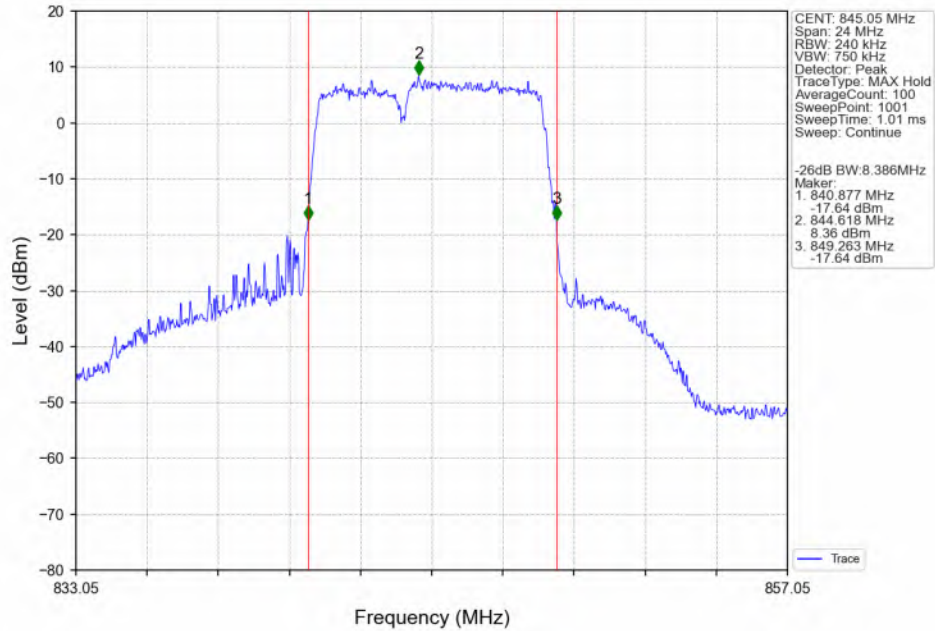
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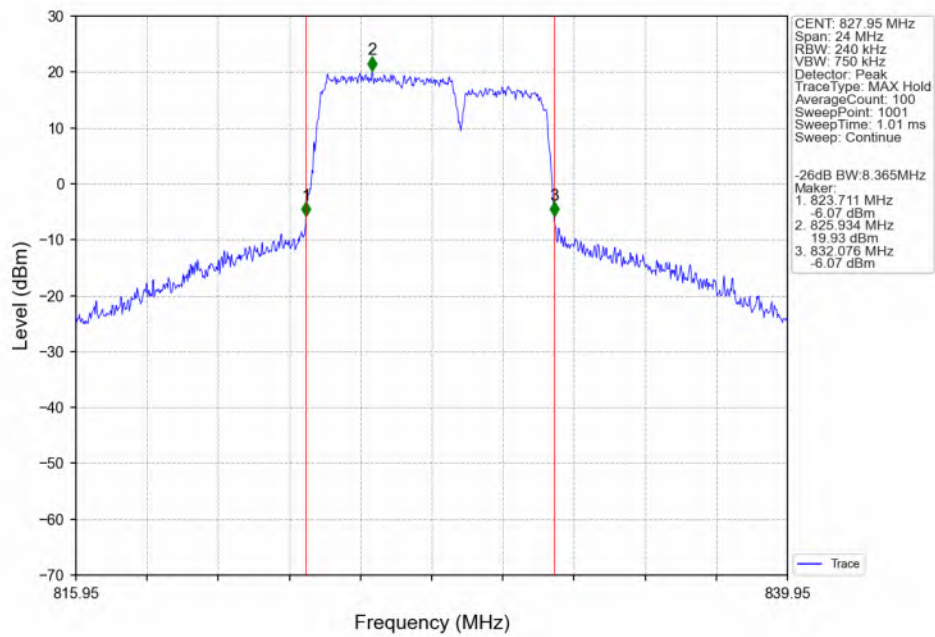
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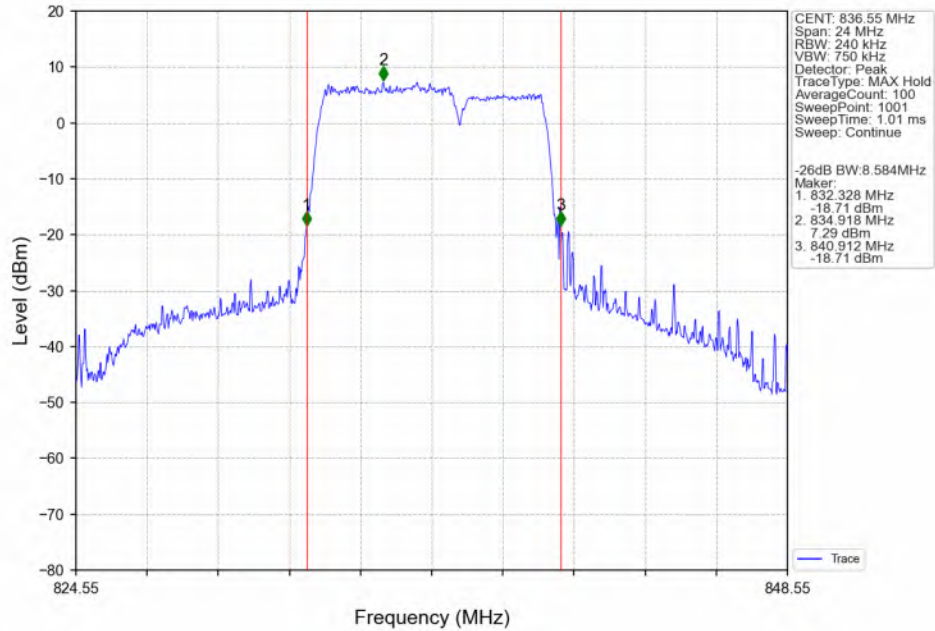
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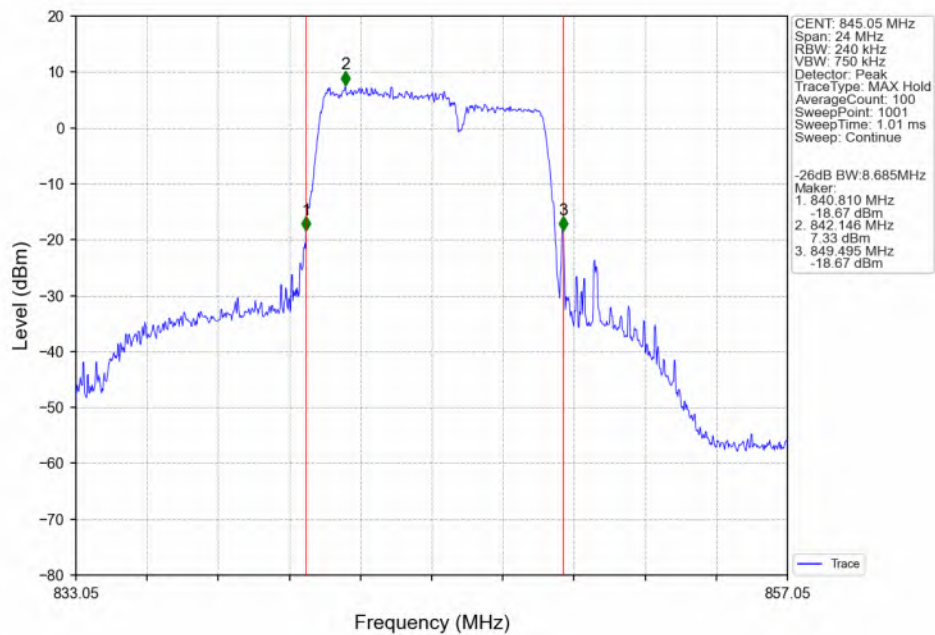
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK\_CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



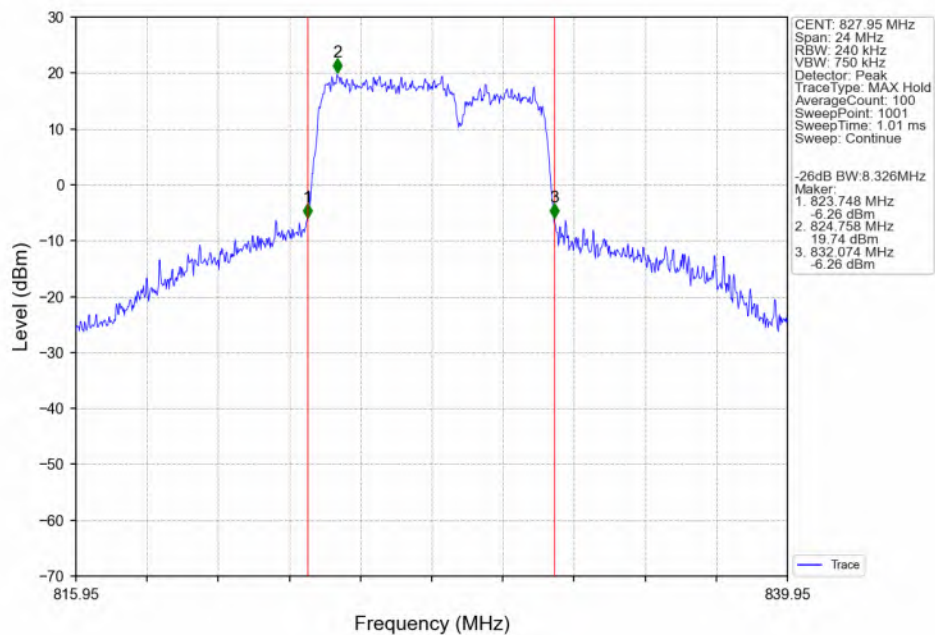
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK\_CC1:835.1 CC2:839MHz\_CC1: 25@0 CC2: 15@0



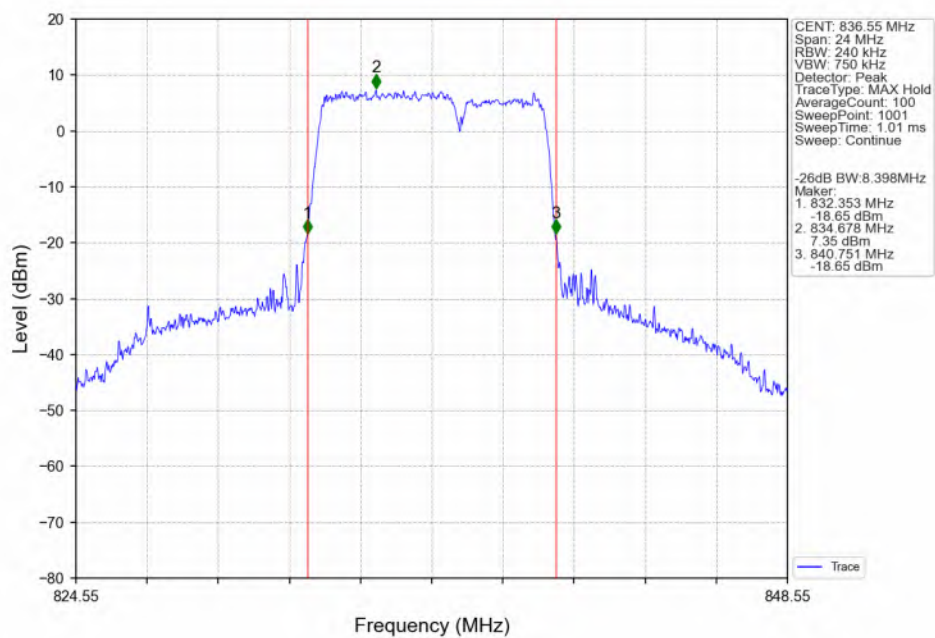
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:843.6 CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



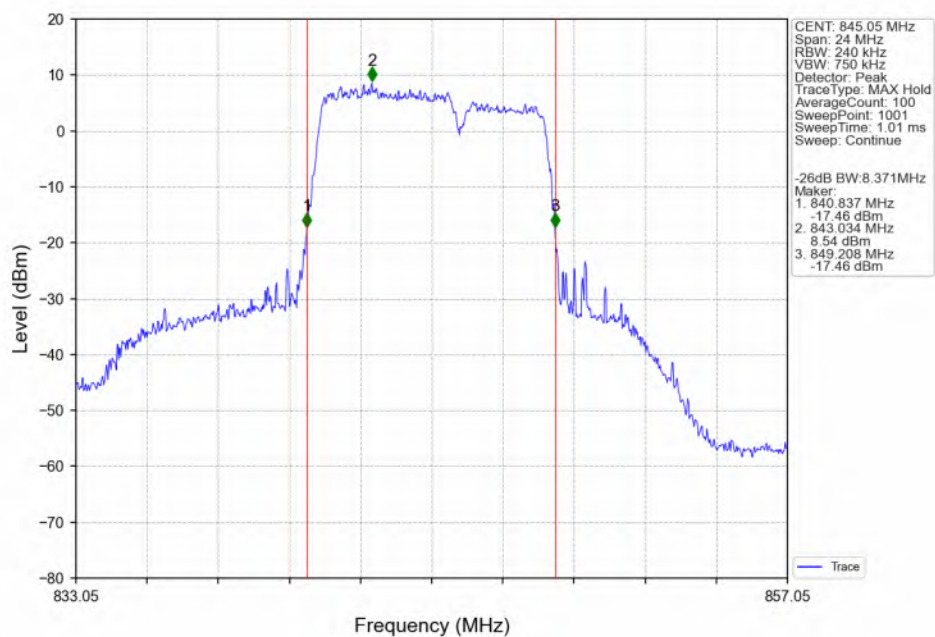
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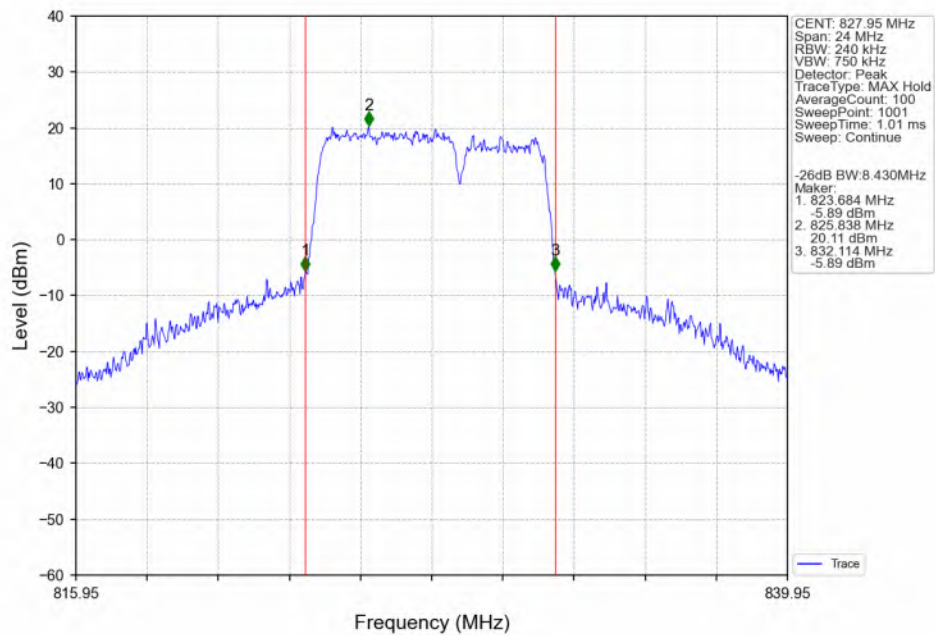
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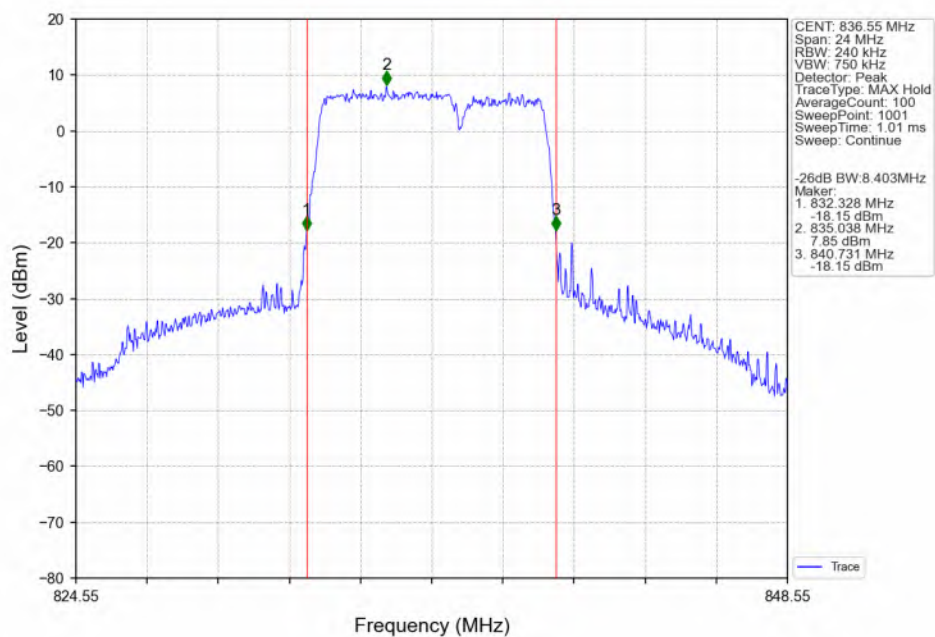
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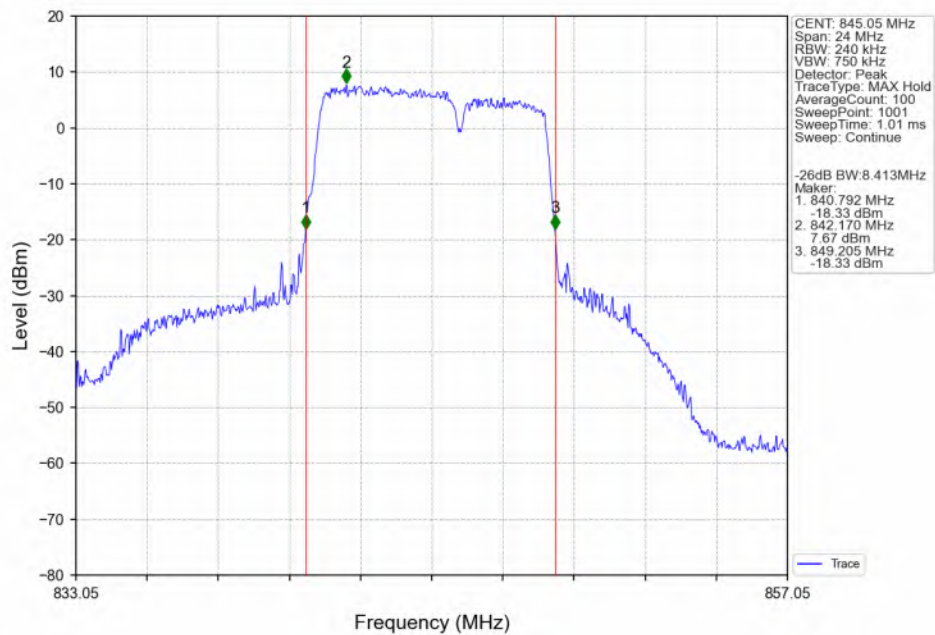
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:64QAM CC2:64QAM\_CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



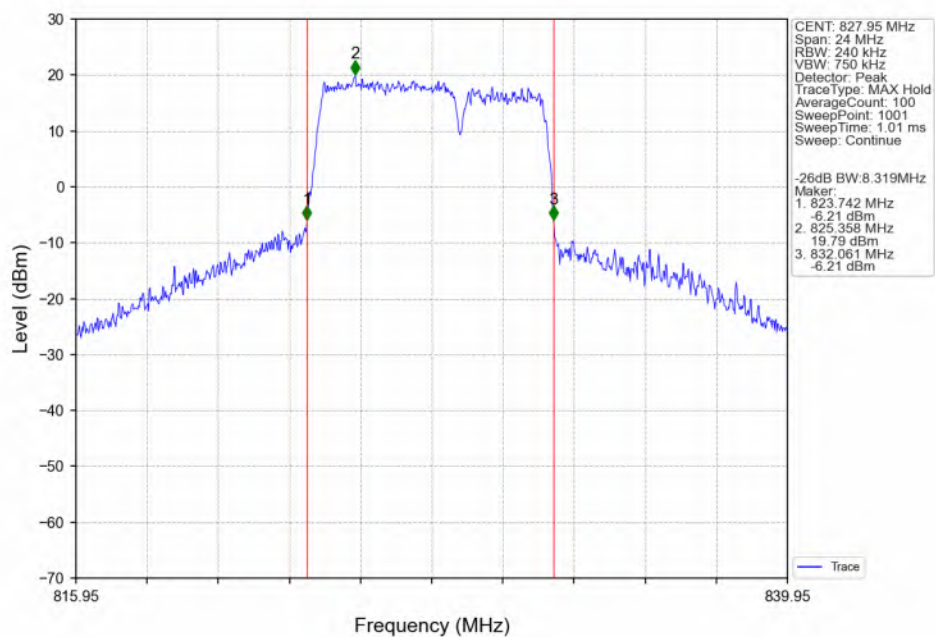
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:64QAM CC2:64QAM\_CC1:835.1 CC2:839MHz\_CC1: 25@0 CC2: 15@0



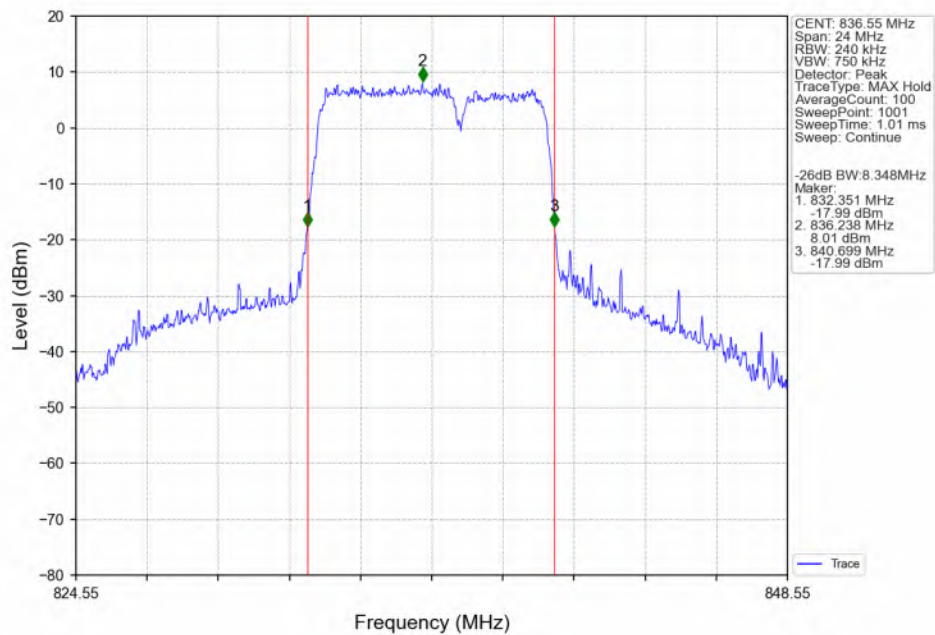
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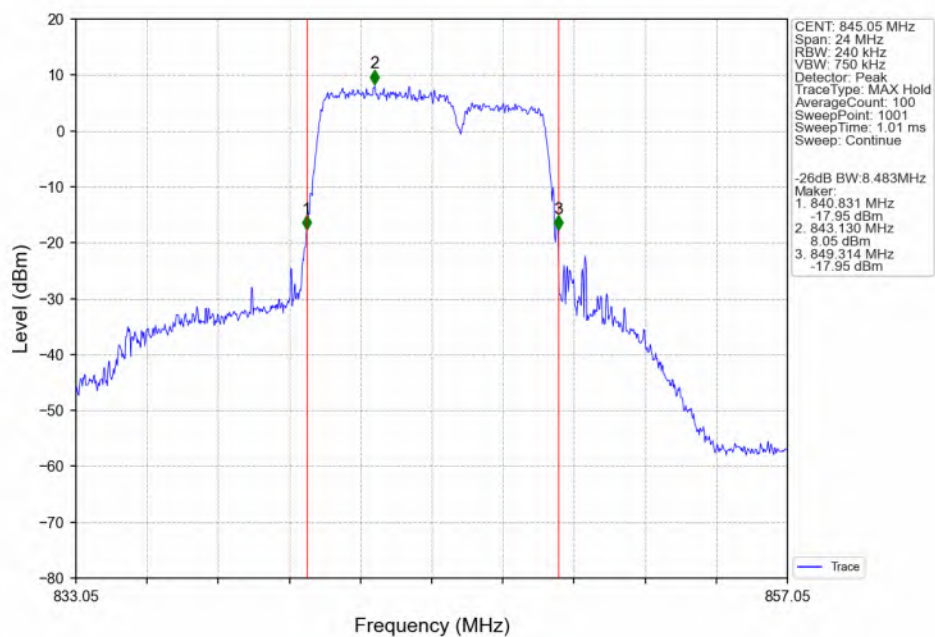
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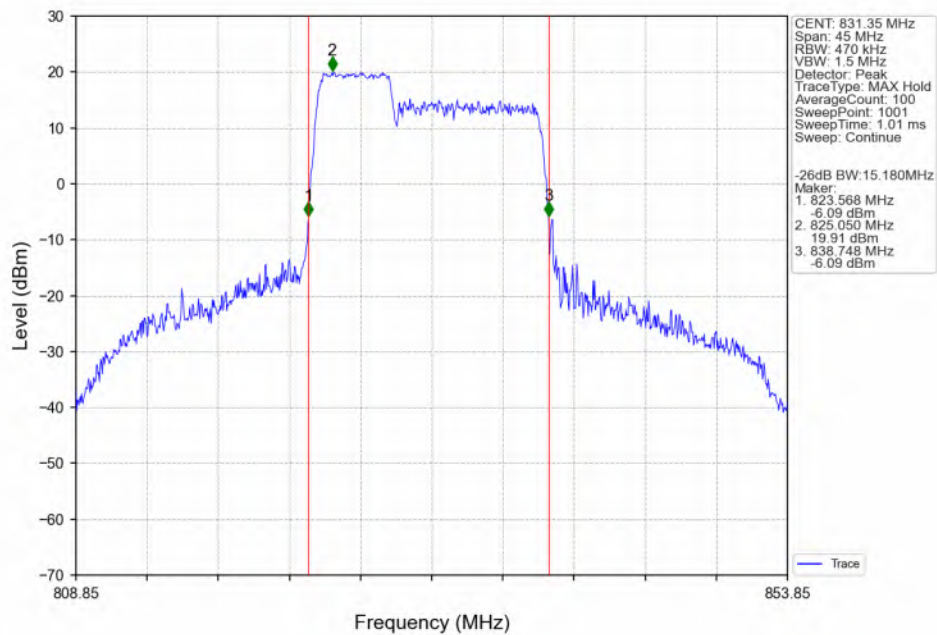
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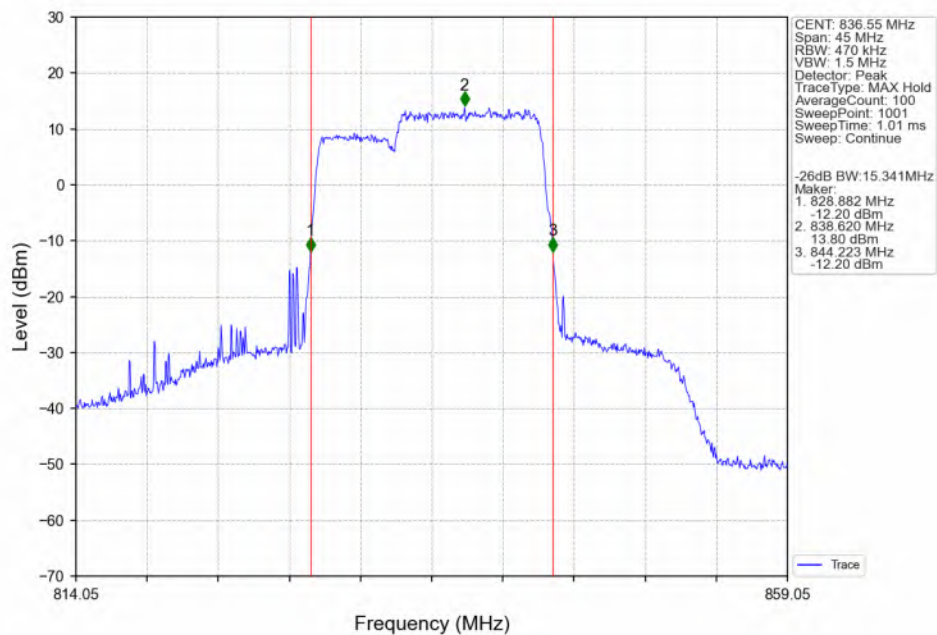
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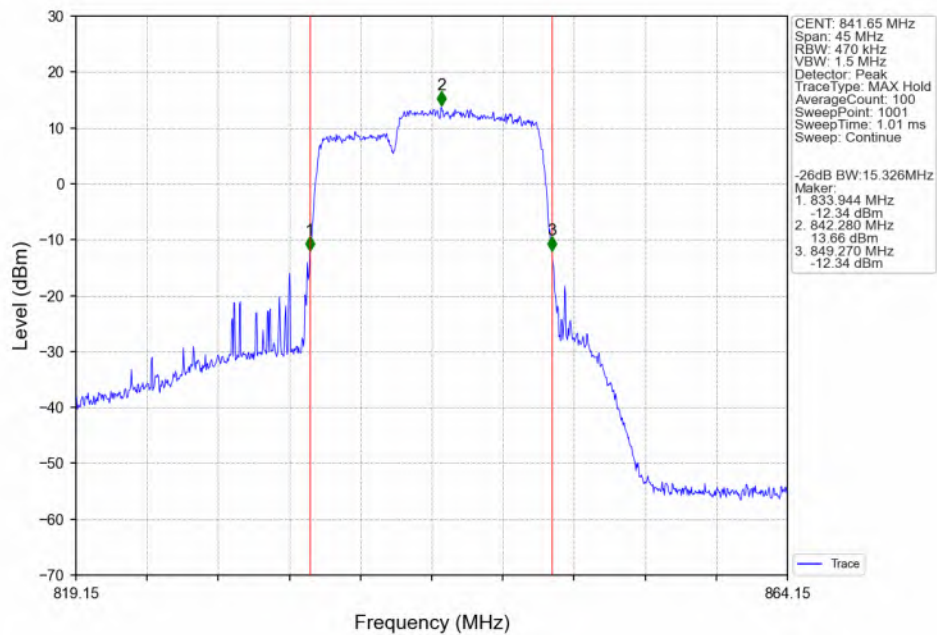
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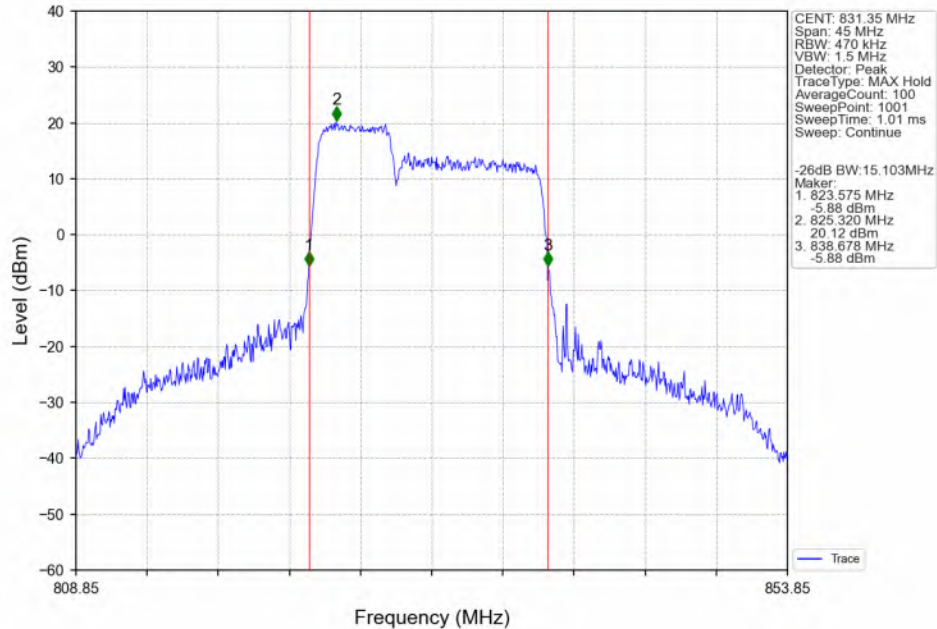
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



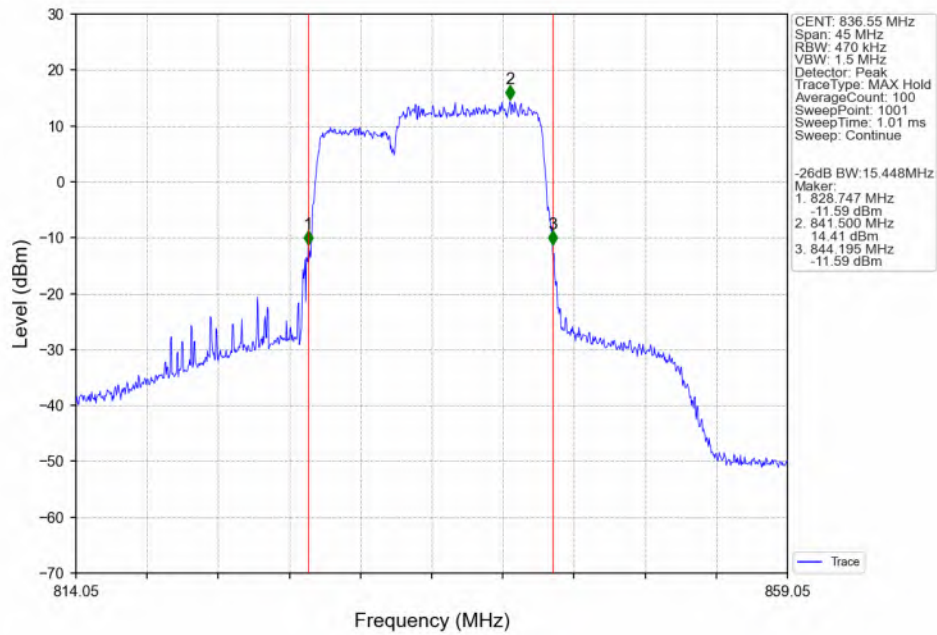
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:836.8 CC2:844MHz\_CC1: 25@0 CC2: 50@0



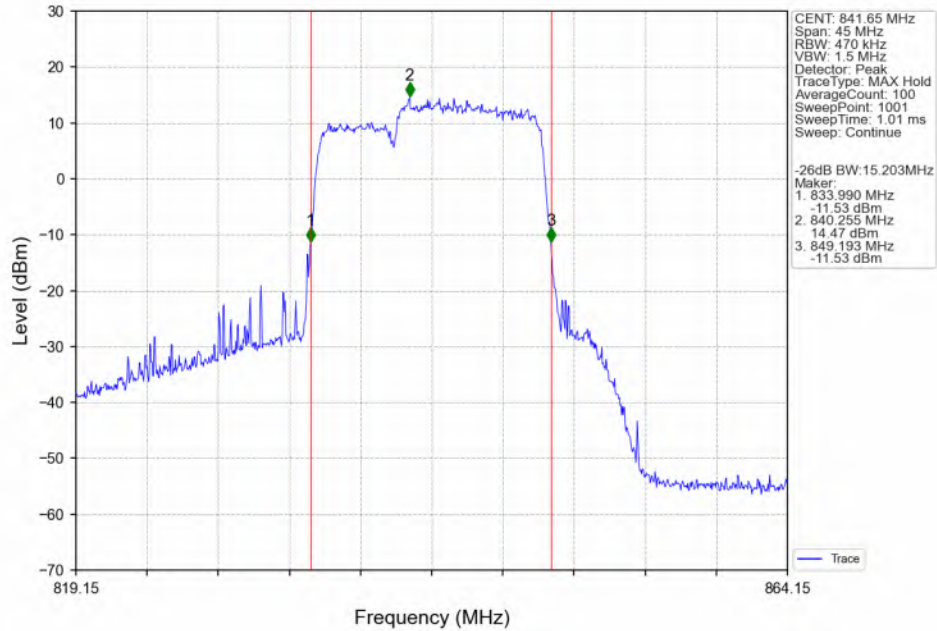
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:826.5 CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



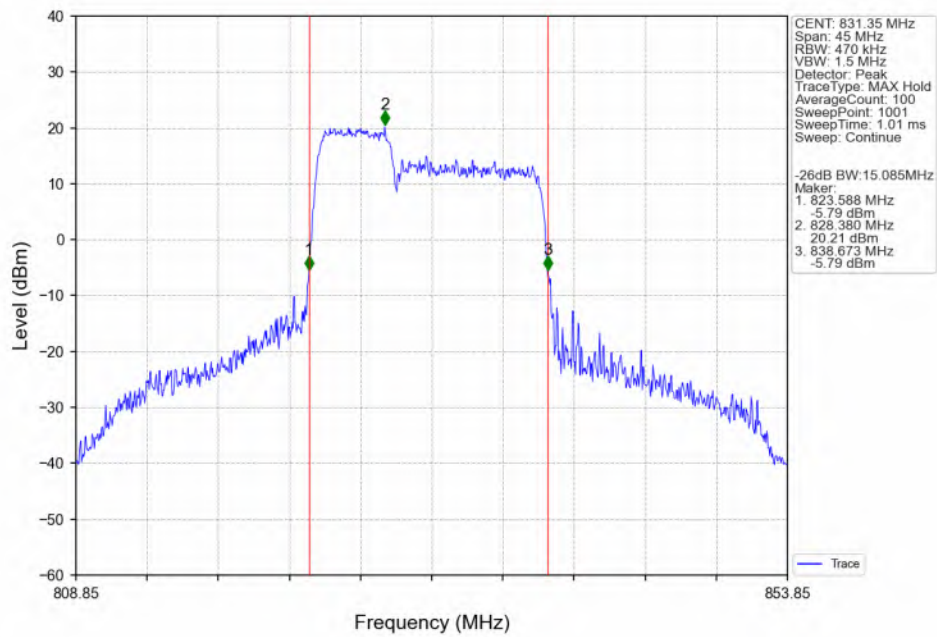
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



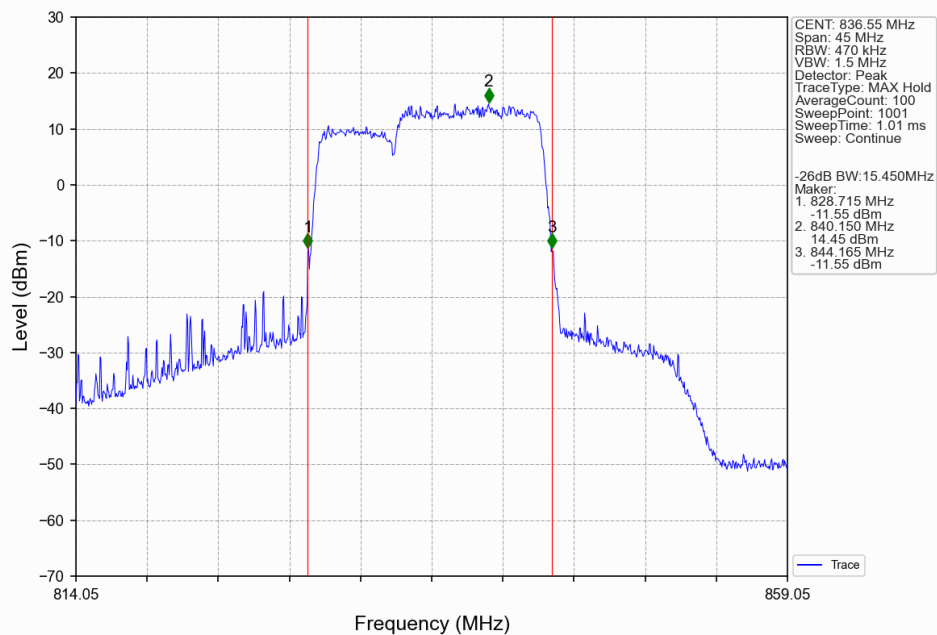
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



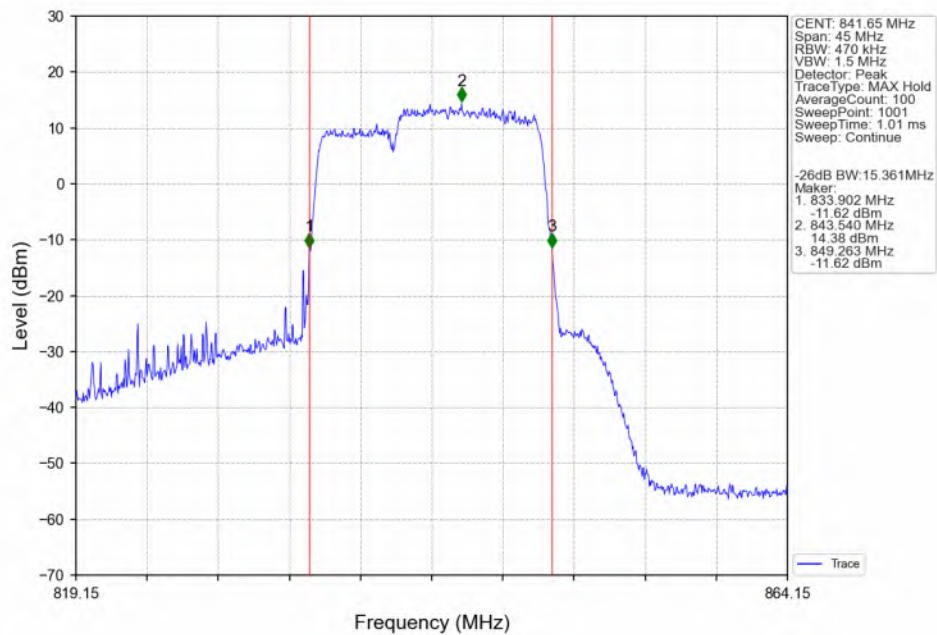
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



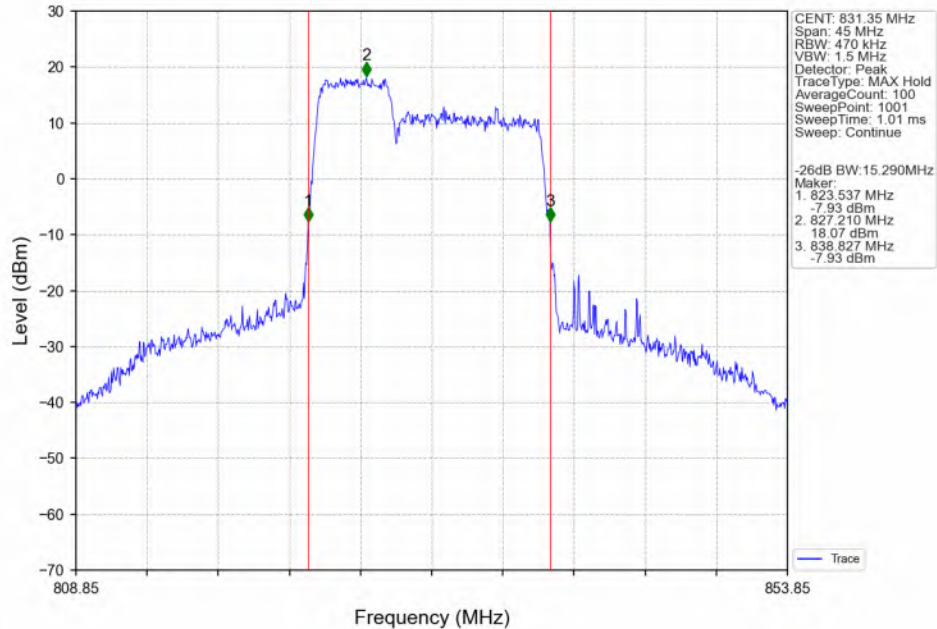
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



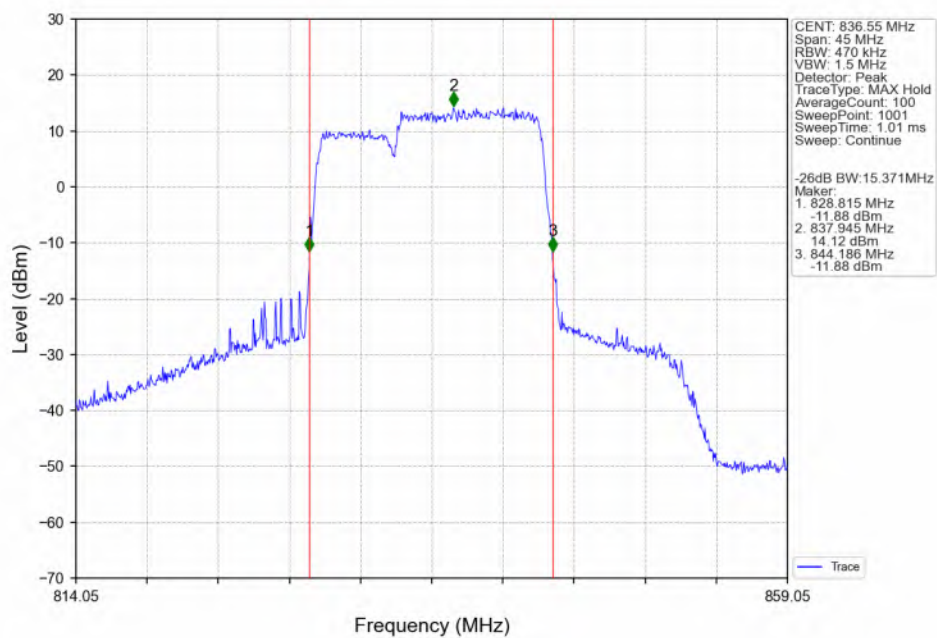
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



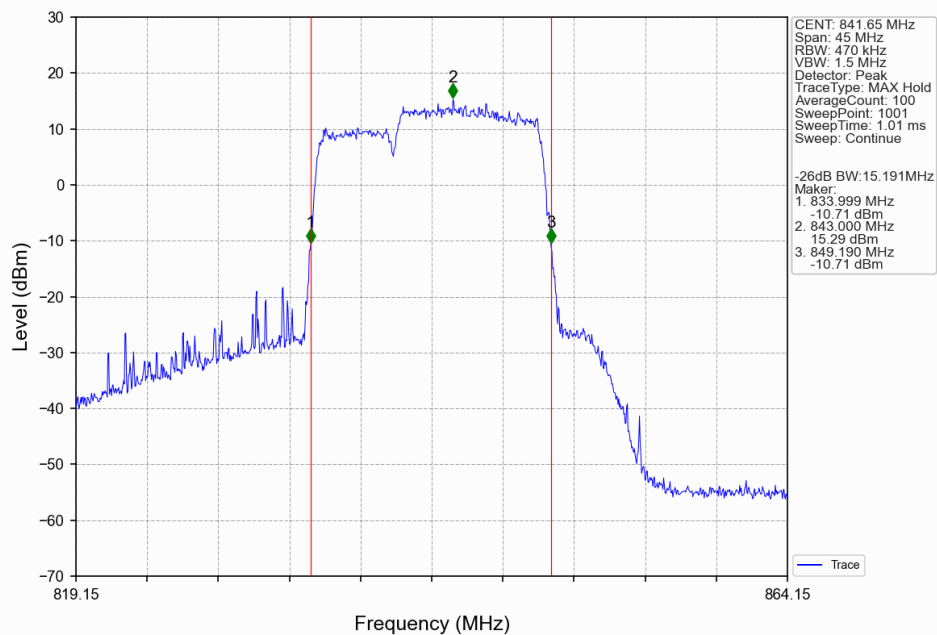
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



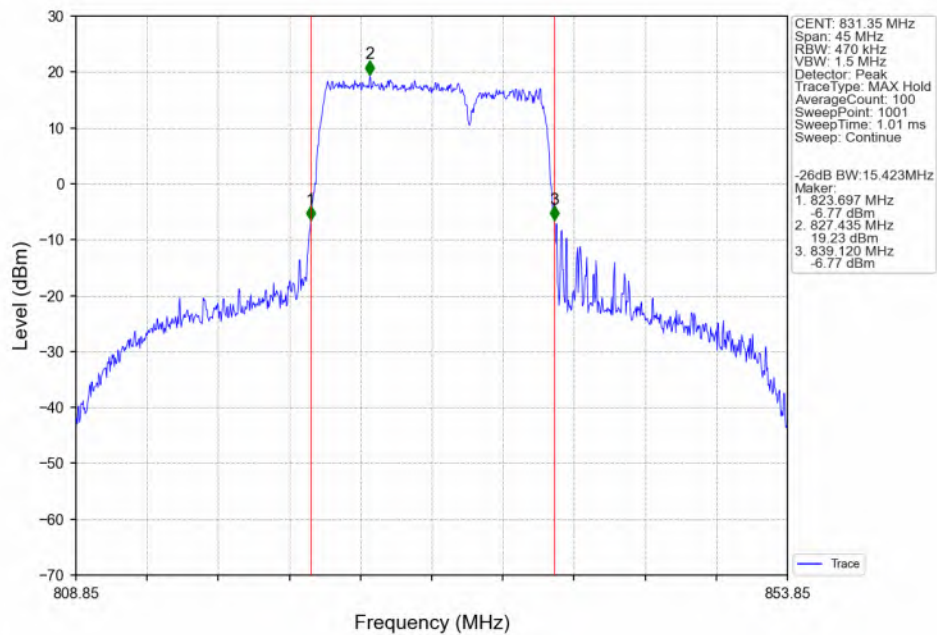
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



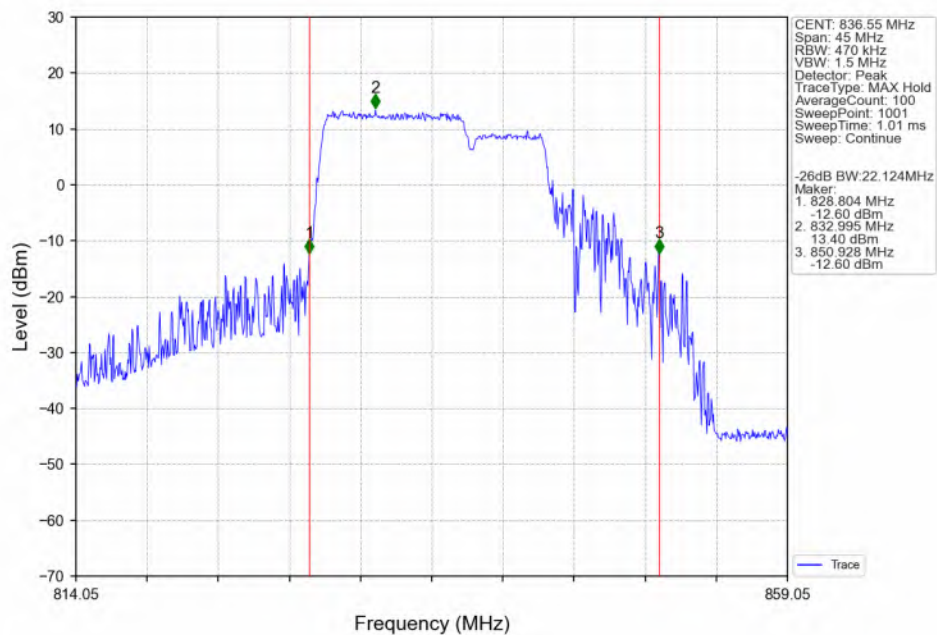
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



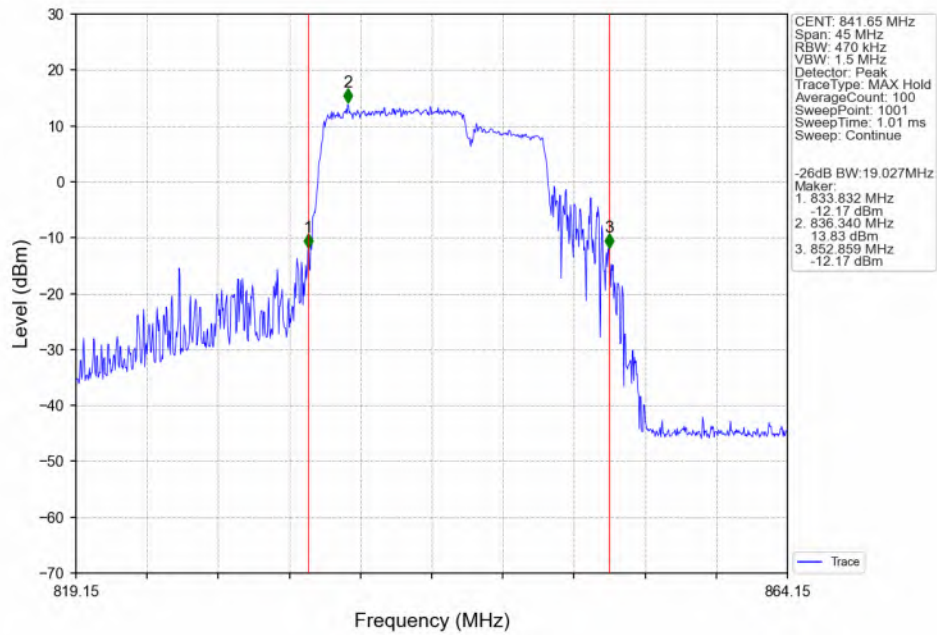
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



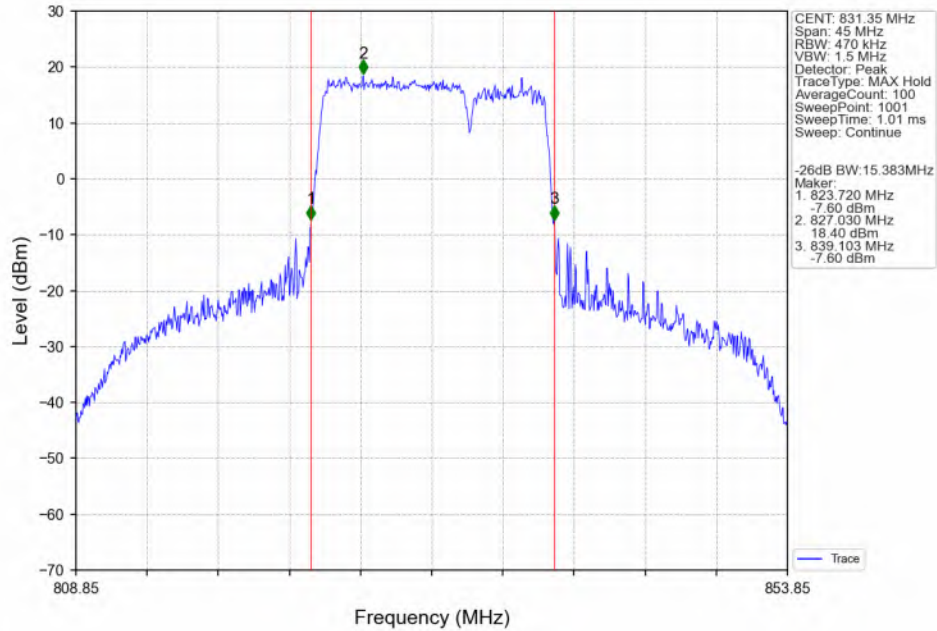
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:834.2 CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



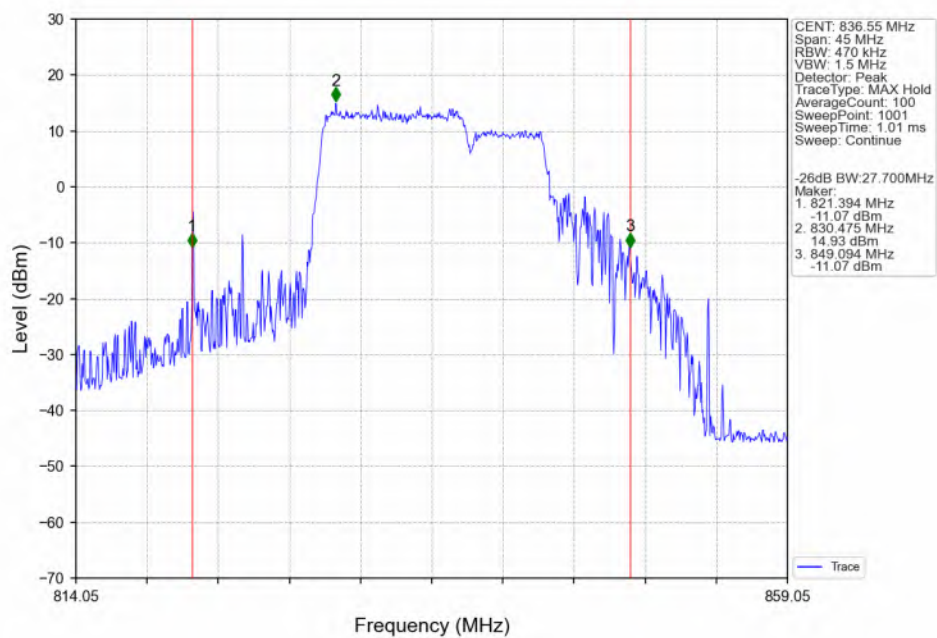
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:839.3 CC2:846.5MHz\_CC1: 50@0 CC2: 25@0



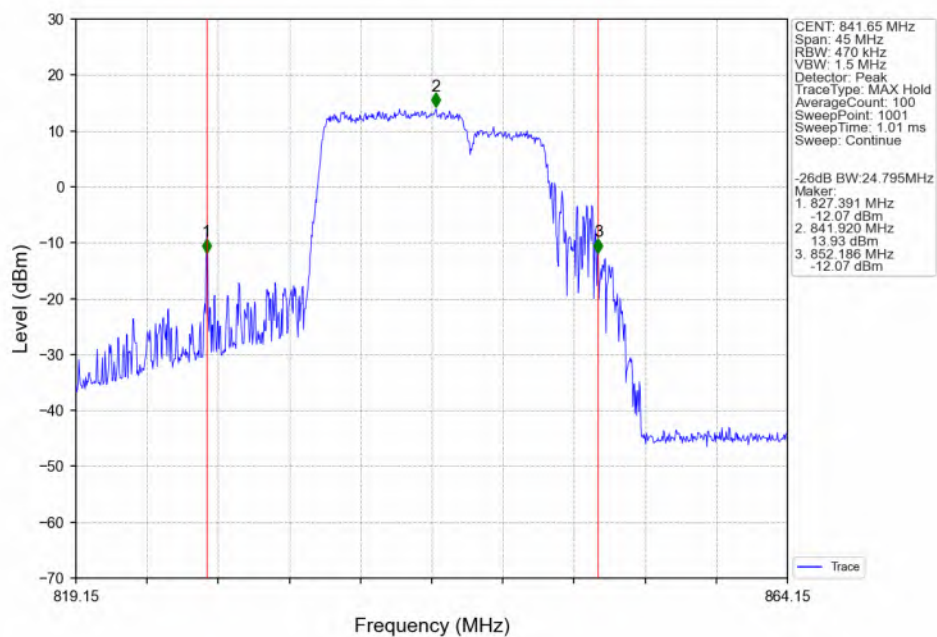
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



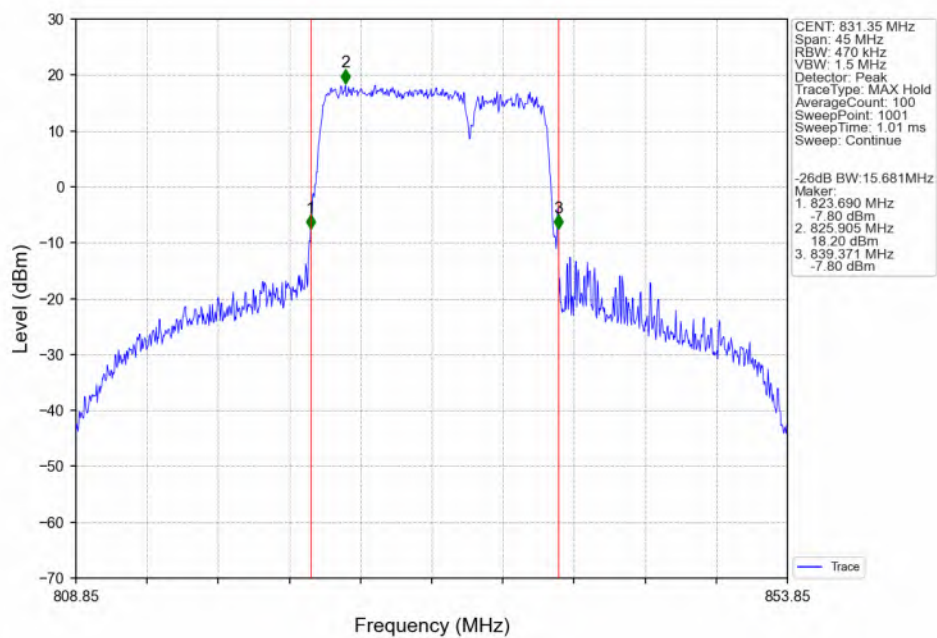
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



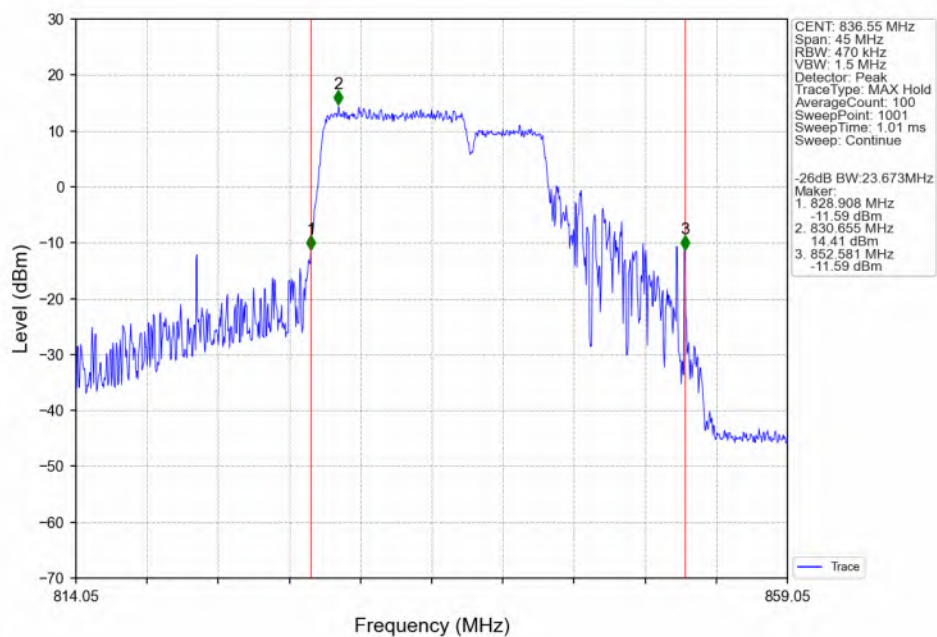
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0 CC2: 25@0



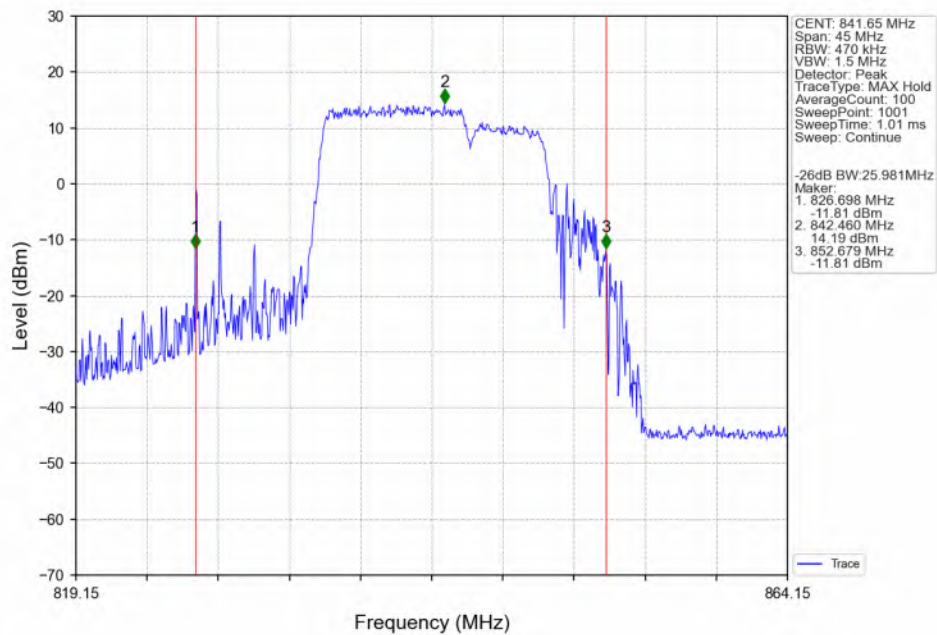
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:64QAM CC2:64QAM CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



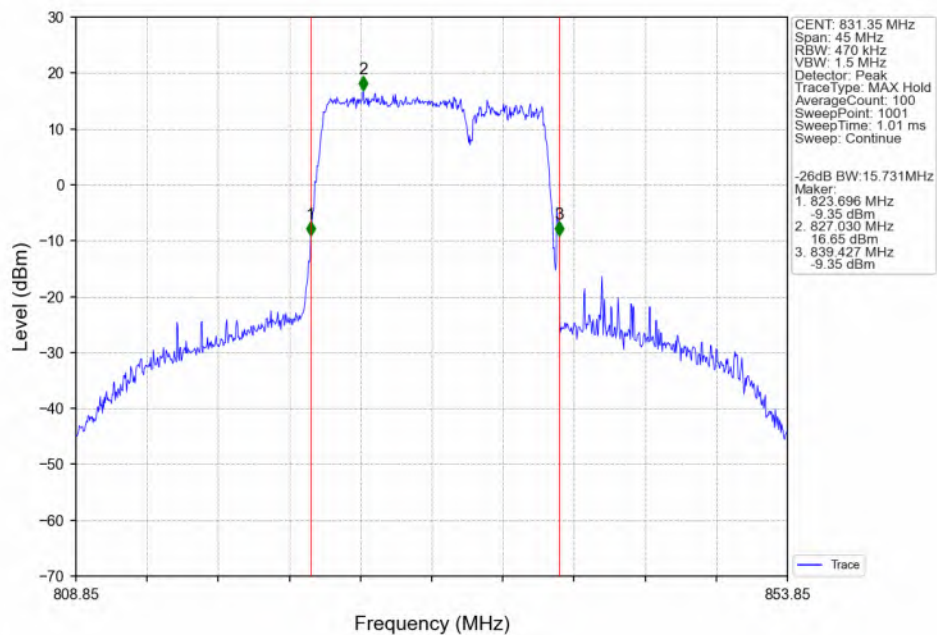
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:64QAM CC2:64QAM CC1:834.2 CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



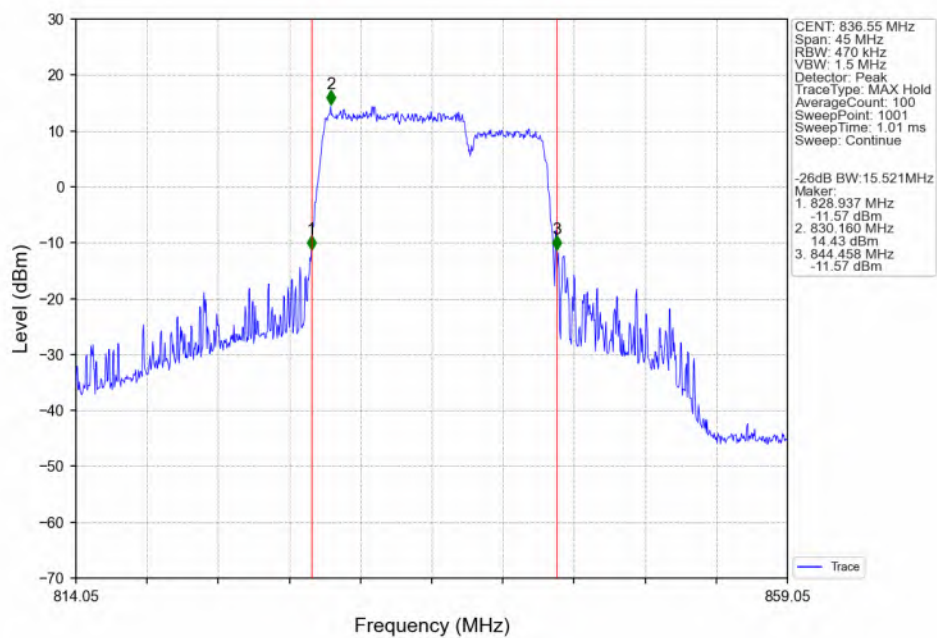
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:64QAM\_CC2:64QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0 CC2: 25@0



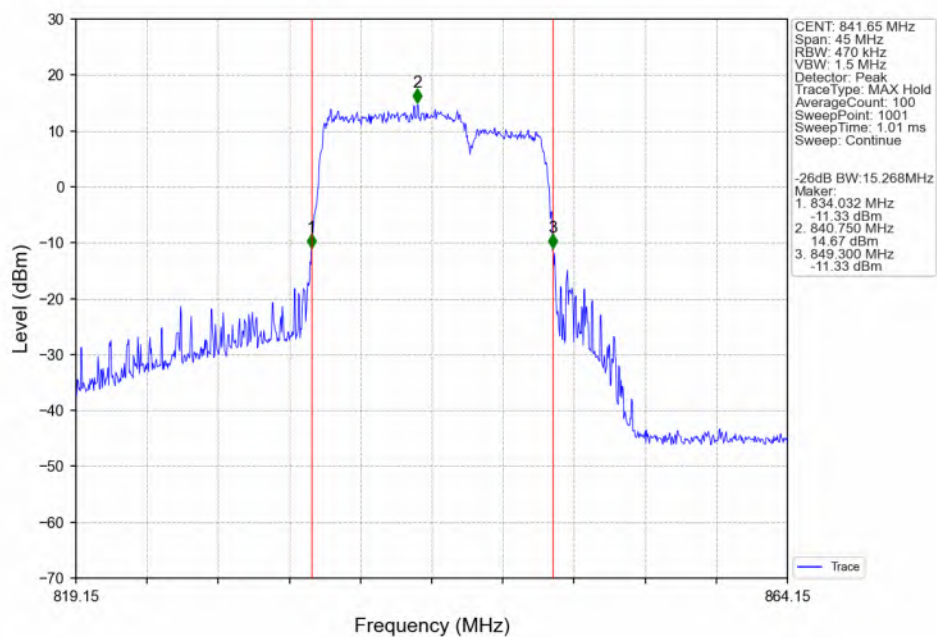
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



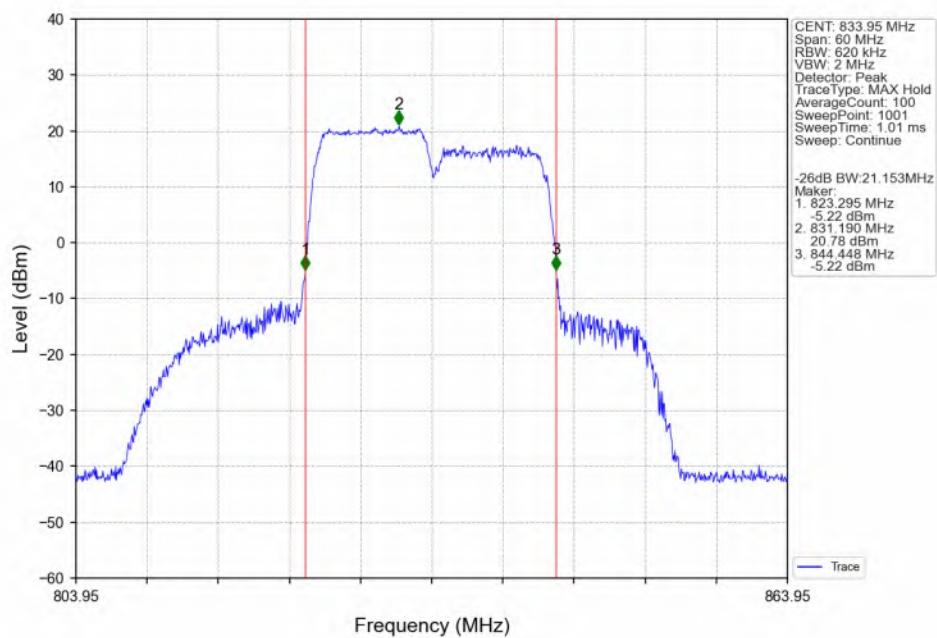
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0\_CC2: 25@0



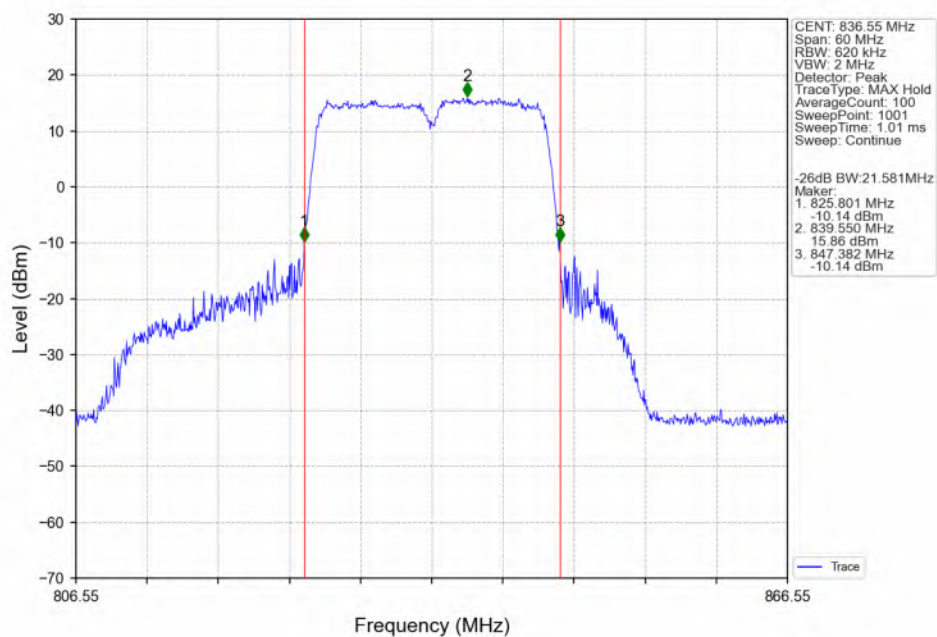
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0\_CC2: 25@0



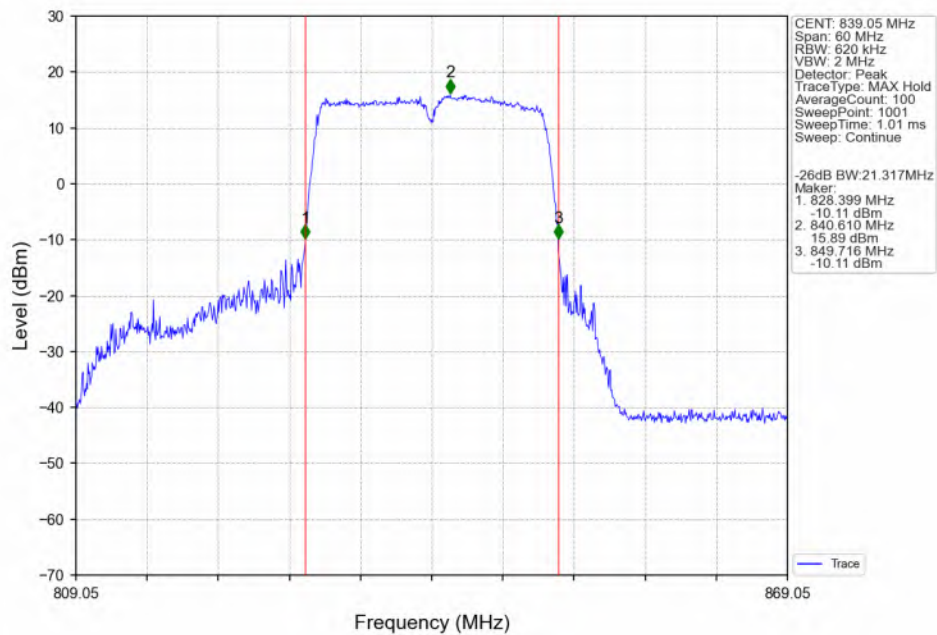
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829.95MHz\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



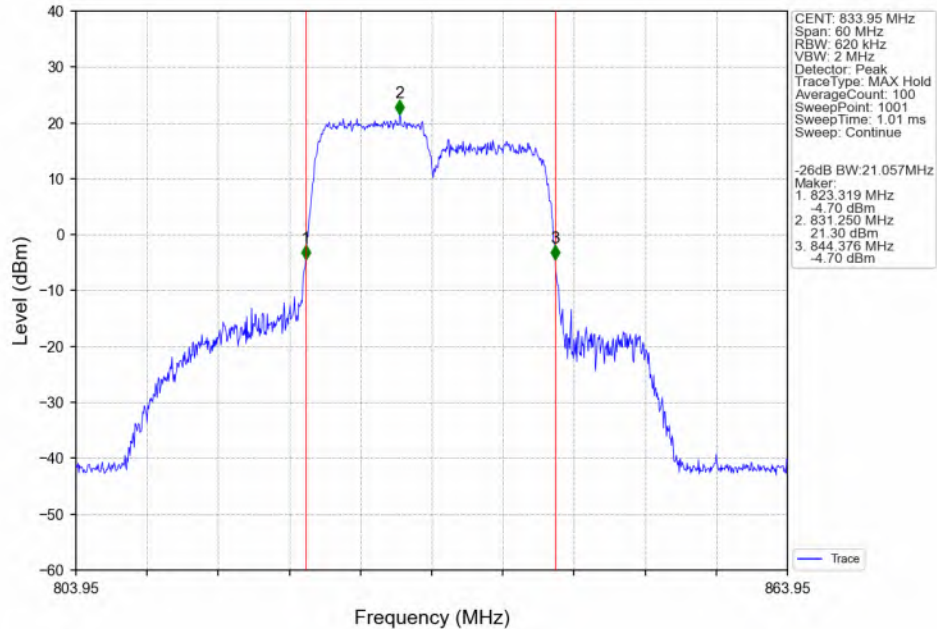
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:831.6MHz\_CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



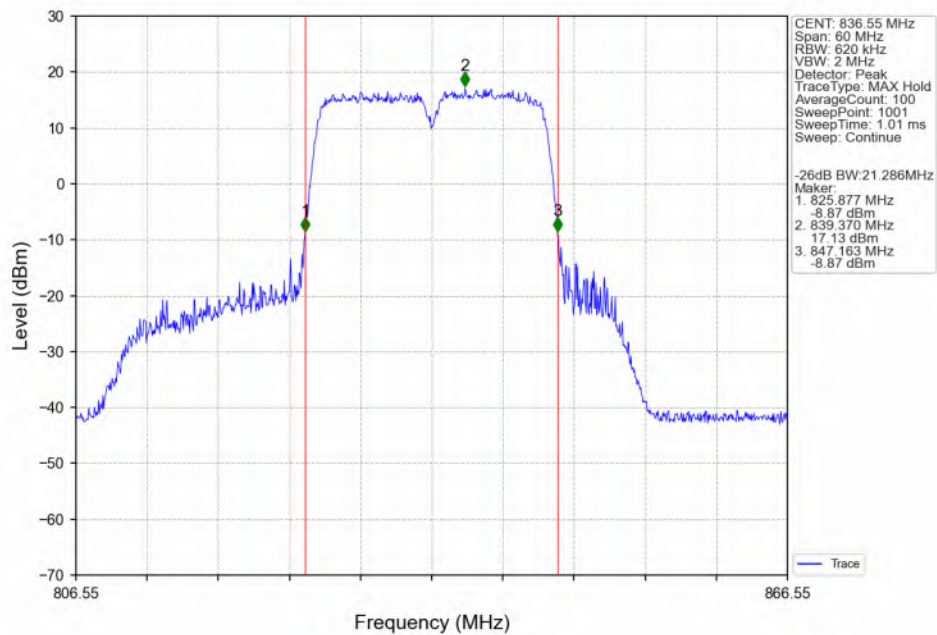
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:834.1\_CC2:844MHz\_CC1: 50@0\_CC2: 50@0



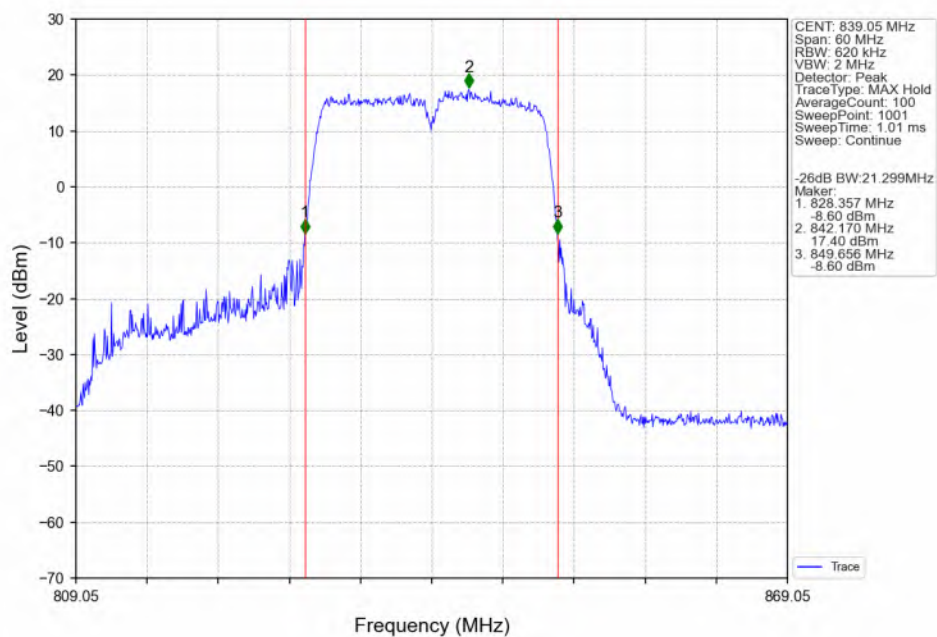
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0\_CC2: 50@0



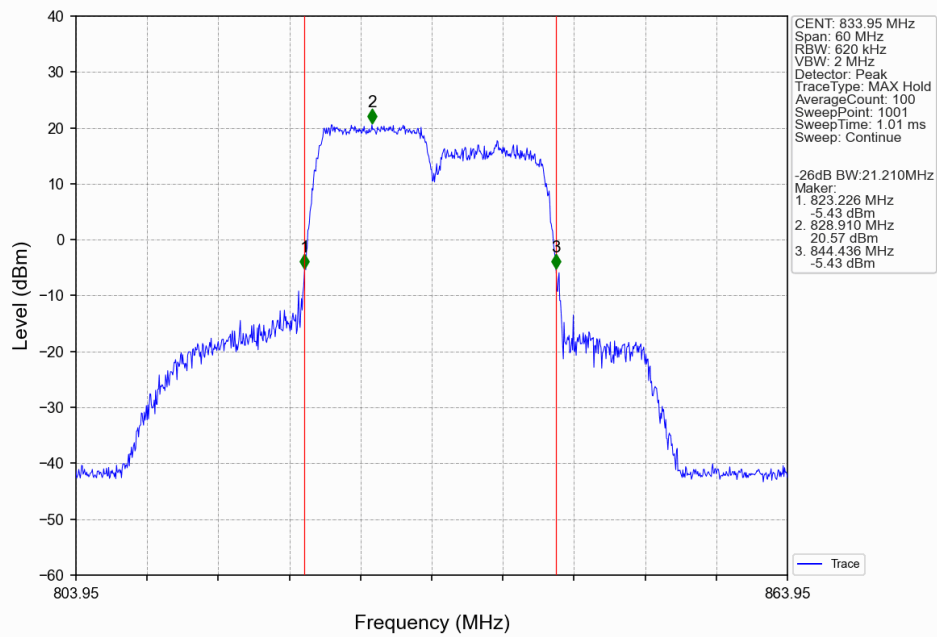
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:831.6 CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



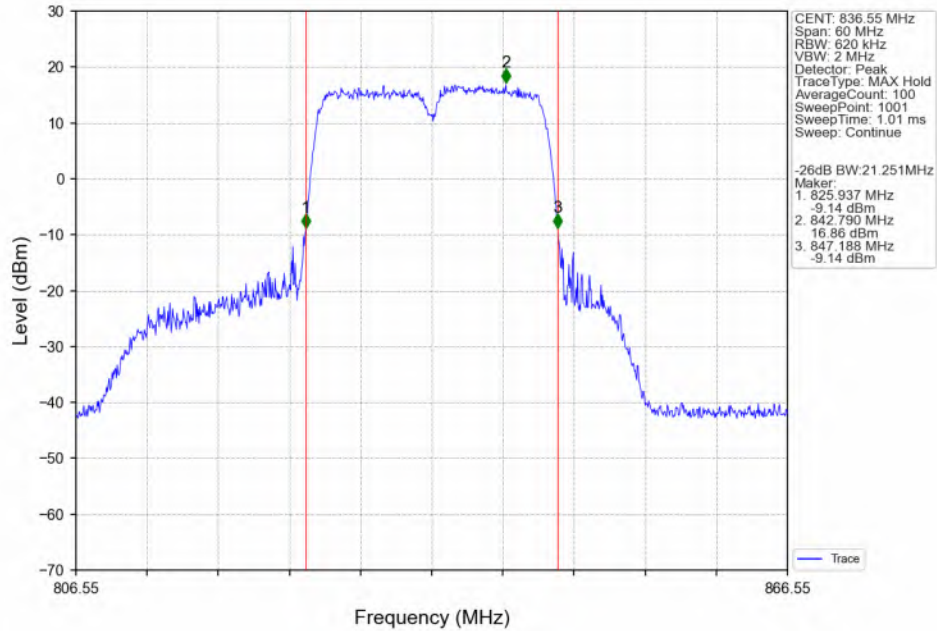
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:834.1 CC2:844MHz\_CC1: 50@0 CC2: 50@0



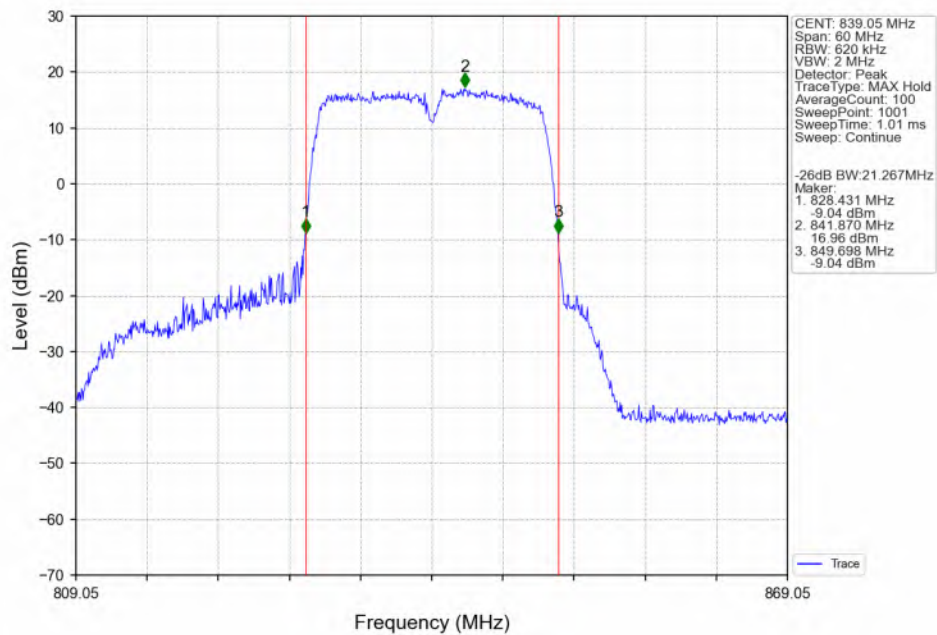
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



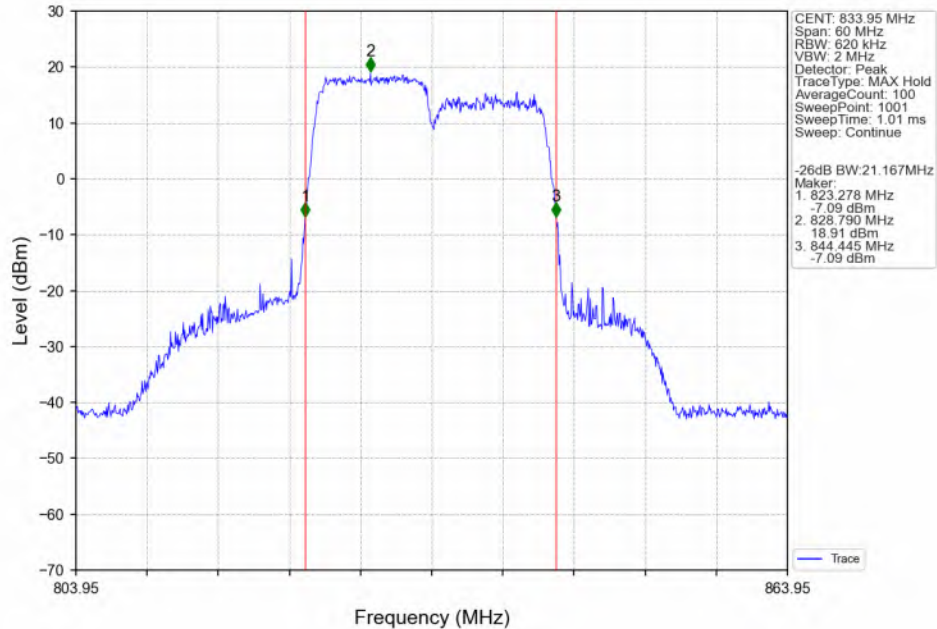
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.6\_CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



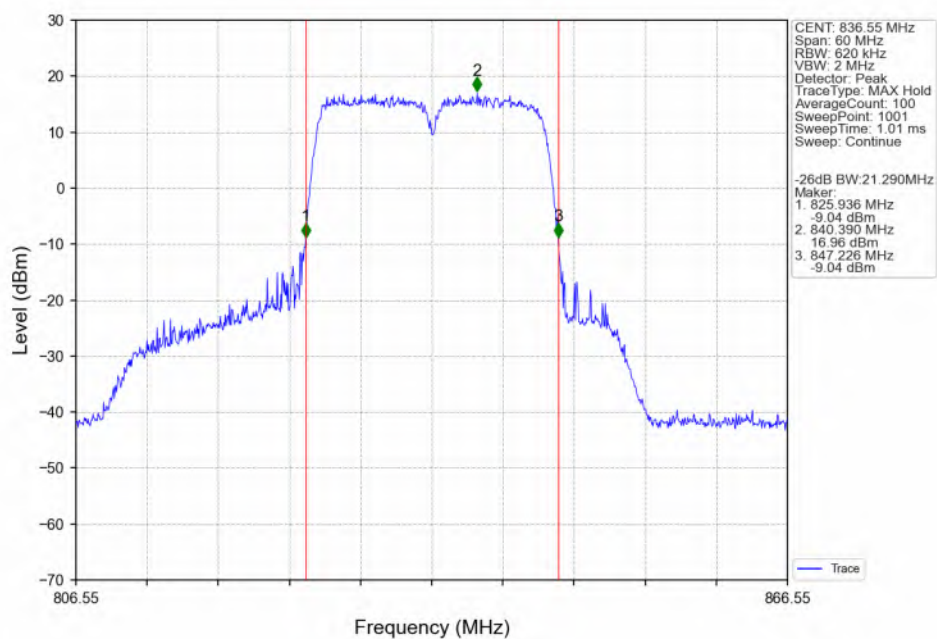
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:834.1\_CC2:844MHz\_CC1: 50@0 CC2: 50@0



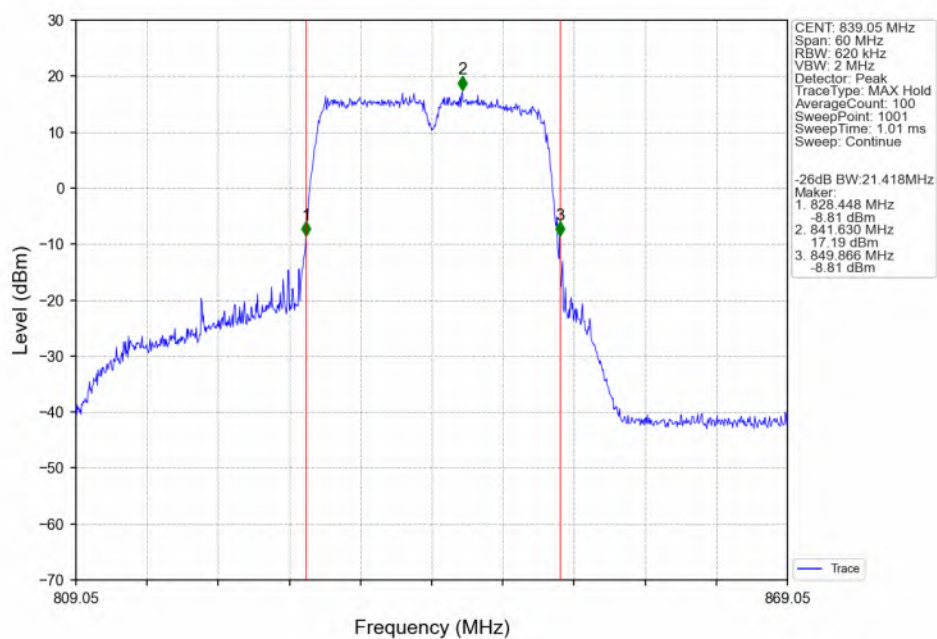
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:831.6 CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:834.1 CC2:844MHz\_CC1: 50@0 CC2: 50@0



### 3. Spurious Emission

#### 3.1 Test Result

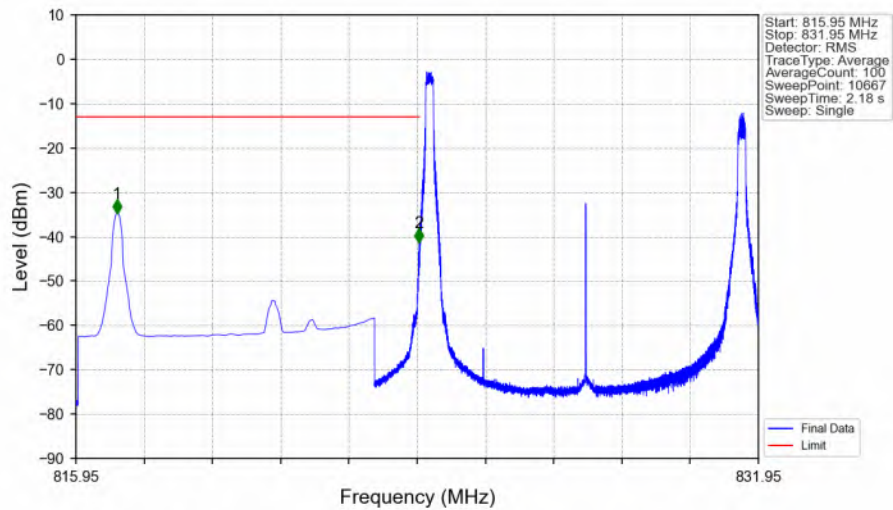
##### 3.1.1 CA\_5B\_NTNV

| Band: CA_5B / NTNv |                              |                        |                        |                     |     |     |       |         |
|--------------------|------------------------------|------------------------|------------------------|---------------------|-----|-----|-------|---------|
| BW<br>(MHz)        | Modulation                   | Frequency<br>(MHz)     | RB<br>Allocation       | Spurious Emission   |     |     |       | Verdict |
|                    |                              |                        |                        | CC1                 | CC2 | Sum | Limit |         |
| CC1:3<br>CC2:5     | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 1@24  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 1@24  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:5<br>CC2:3     | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 1@14  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 25@0<br>CC2: 15@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 1@14  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 25@0<br>CC2: 15@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:5<br>CC2:10    | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 1@49  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 25@0<br>CC2: 50@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 1@49  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 25@0<br>CC2: 50@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:10<br>CC2:5    | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:829<br>CC2:836.2   | CC1: 1@0<br>CC2: 1@24  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 50@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:839.3<br>CC2:846.5 | CC1: 1@0<br>CC2: 1@24  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 50@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:10<br>CC2:10   | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 1@49  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 50@0<br>CC2: 50@0 | Refer To Test Graph |     |     |       | Pass    |
|                    |                              | CC1:834.1<br>CC2:844   | CC1: 1@0<br>CC2: 1@49  | Refer To Test Graph |     |     |       | Pass    |
|                    |                              |                        | CC1: 50@0<br>CC2: 50@0 | Refer To Test Graph |     |     |       | Pass    |

## 3.2 Test Graph

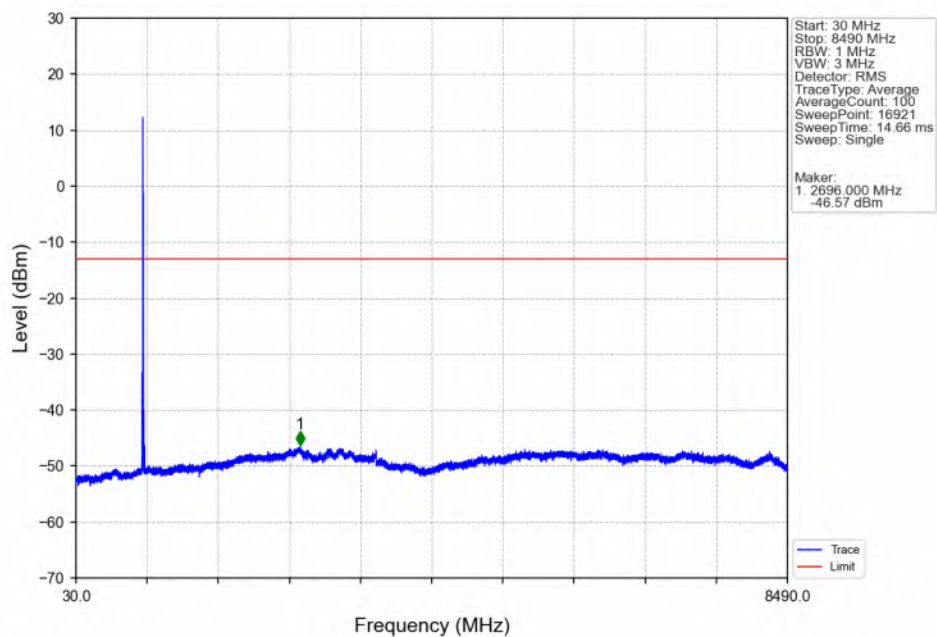
### 3.2.1 CA\_5B\_NTNV

CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:825.5 CC2:829.4MHz\_CC1: 1@0 CC2: 1@24

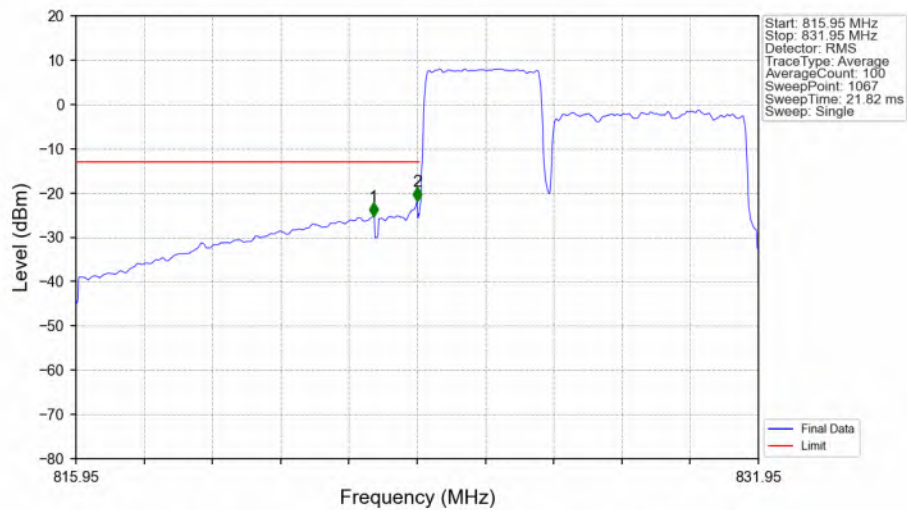


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 815.95      | 823        | 0.1       | CHP    | 1          | 816.910    | -34.68      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.997    | -41.23      | -13         | Pass   |
| 824         | 831.95     | 0.003     | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:825.5 CC2:829.4MHz\_CC1: 1@0 CC2: 1@24

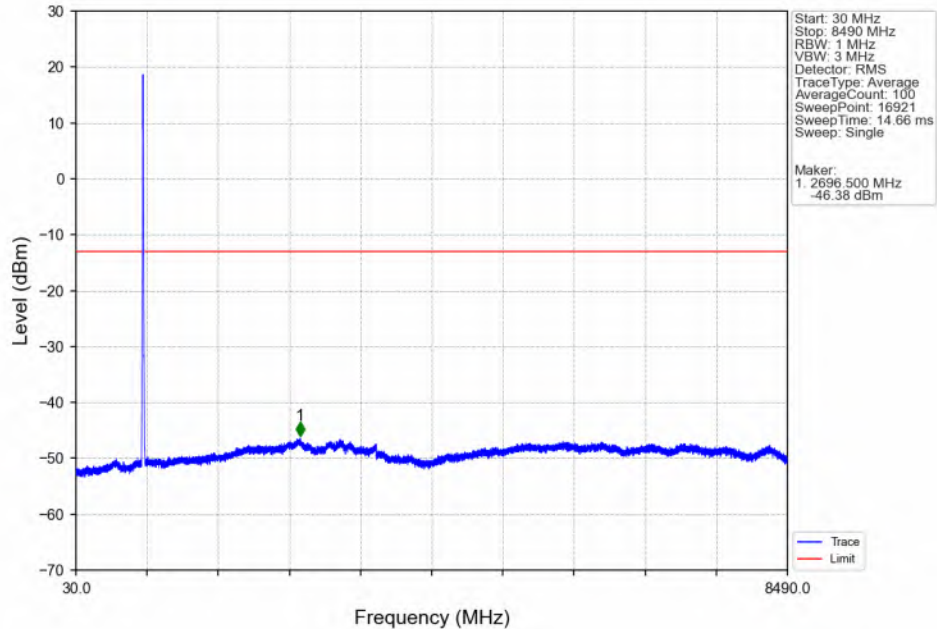


CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0

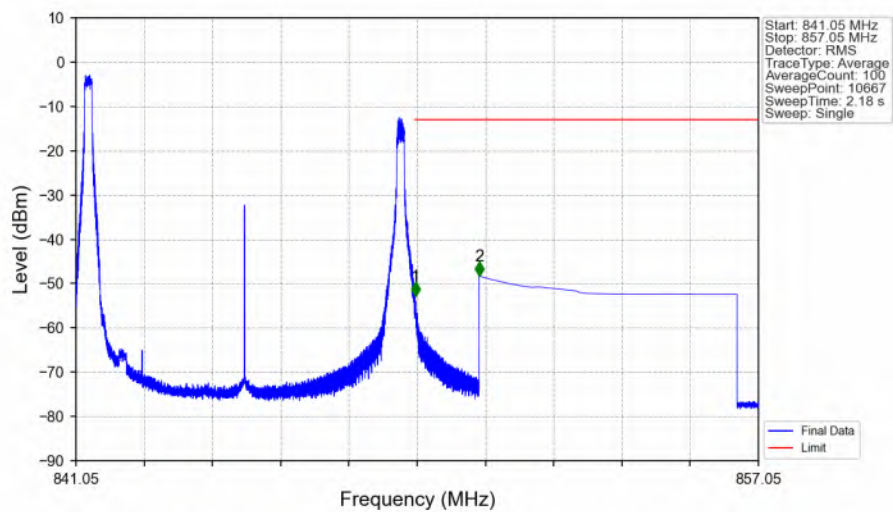


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 815.95      | 823        | 0.1       | CHP    | 1          | 822.929    | -25.26      | -13         | Pass   |
| 823         | 824        | 0.083     | CHP    | 2          | 823.950    | -21.82      | -13         | Pass   |
| 824         | 831.95     | 0.083     | CHP    | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0

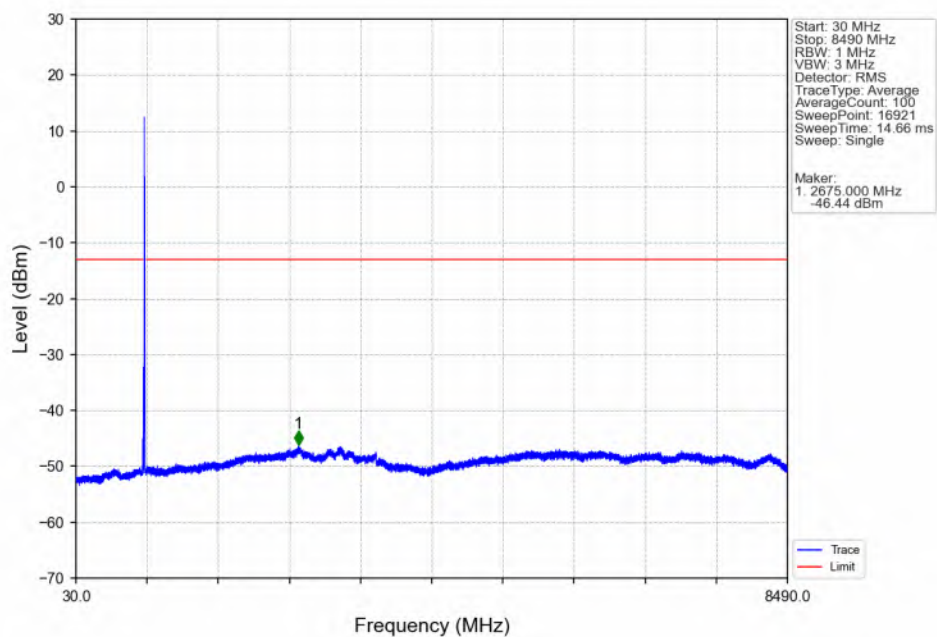


CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:842.6 CC2:846.5MHz\_CC1: 1@0 CC2: 1@24

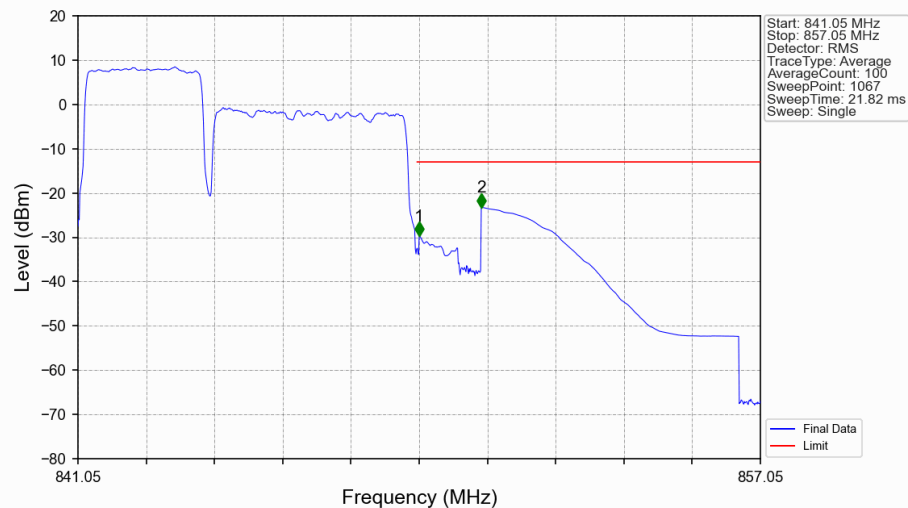


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 841.05      | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.003    | -52.71      | -13         | Pass   |
| 850         | 857.05     | 1         | CHP    | 2          | 850.501    | -48.26      | -13         | Pass   |

CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:842.6 CC2:846.5MHz\_CC1: 1@0 CC2: 1@24

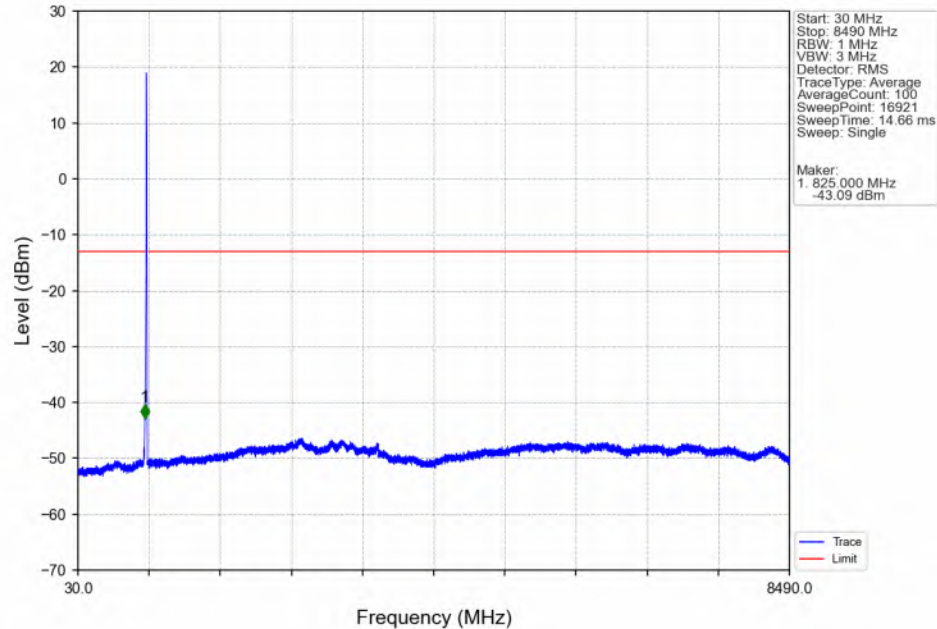


CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0

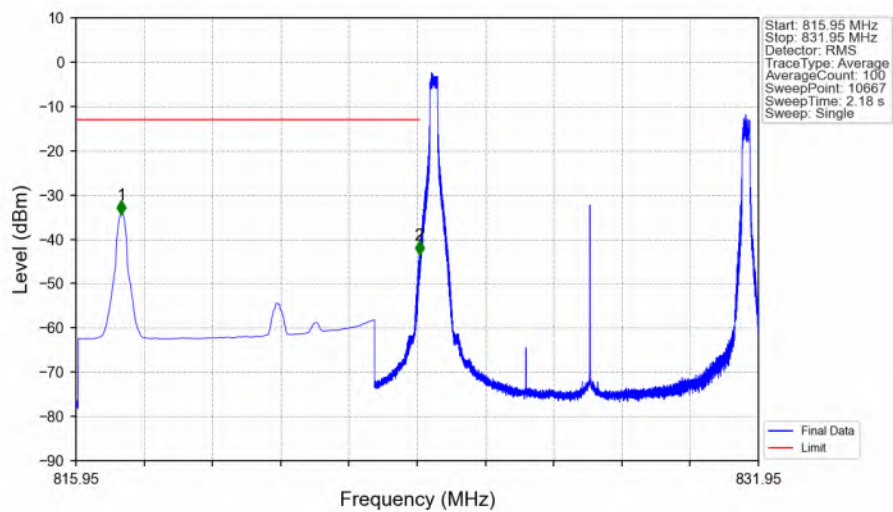


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 841.05      | 849        | 0.084     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.084     | CHP    | 1          | 849.050    | -29.67      | -13         | Pass   |
| 850         | 857.05     | 1         | CHP    | 2          | 850.506    | -23.21      | -13         | Pass   |

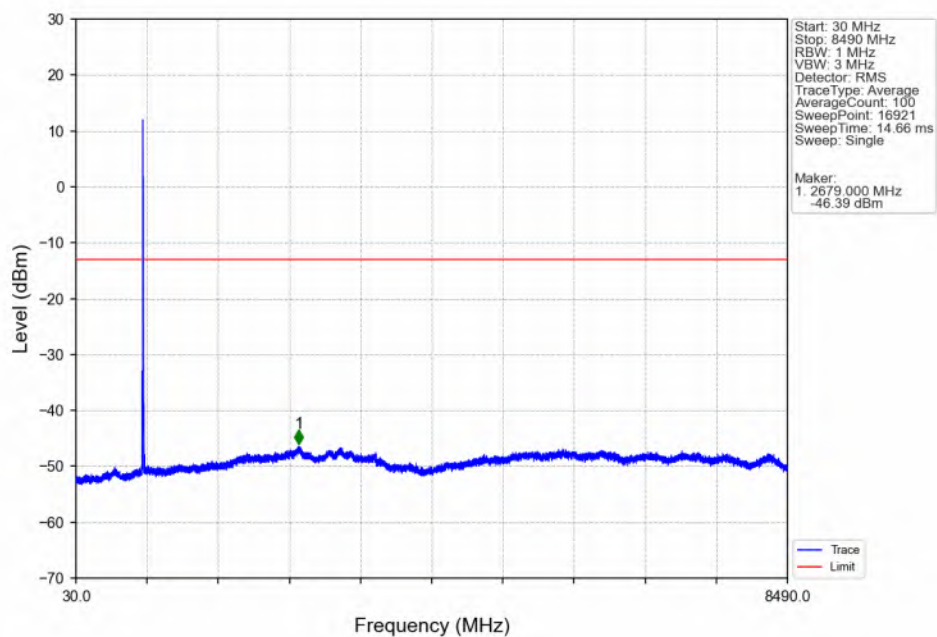
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



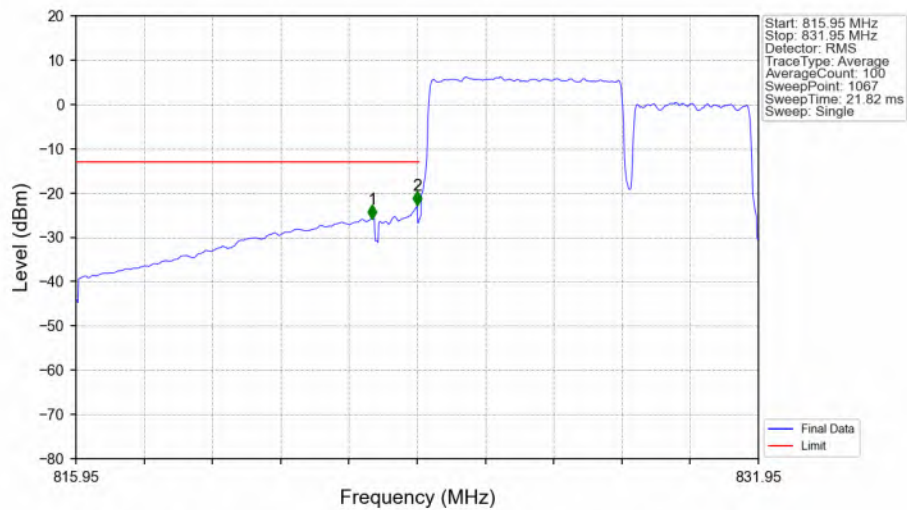
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:QPSK\_CC2:QPSK\_CC1:826.5\_CC2:830.4MHz\_CC1: 1@0 CC2: 1@14



CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:QPSK\_CC2:QPSK\_CC1:826.5\_CC2:830.4MHz\_CC1: 1@0 CC2: 1@14

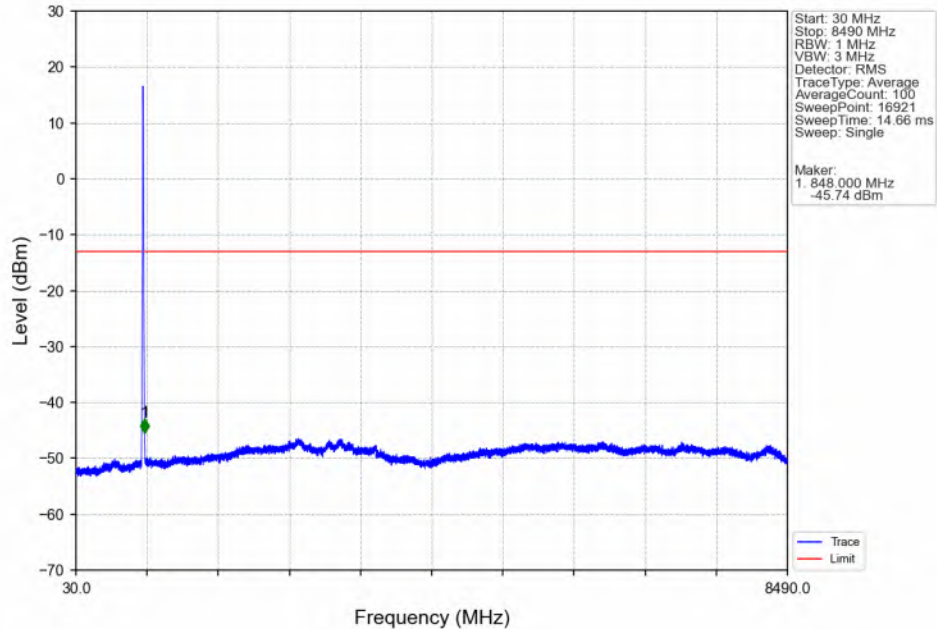


CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0

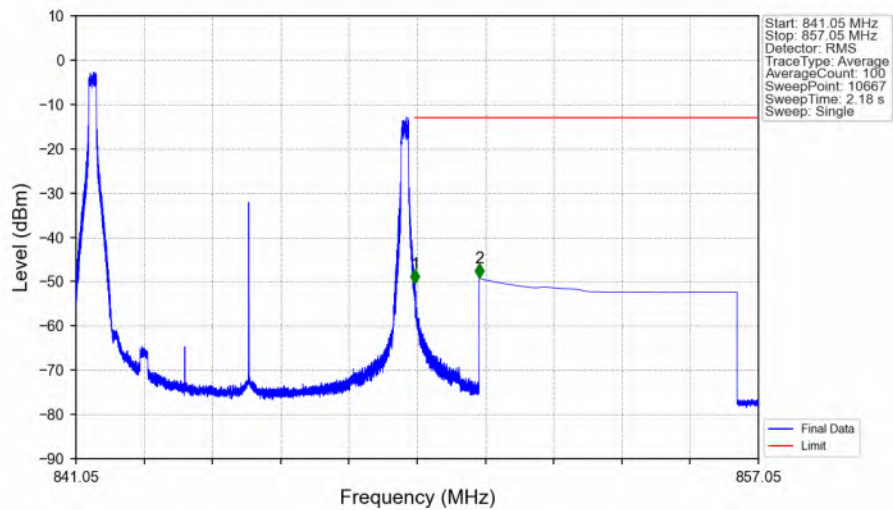


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 815.95      | 823        | 0.1       | CHP    | 1          | 822.899    | -25.78      | -13         | Pass   |
| 823         | 824        | 0.084     | CHP    | 2          | 823.950    | -22.75      | -13         | Pass   |
| 824         | 831.95     | 0.084     | CHP    | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0

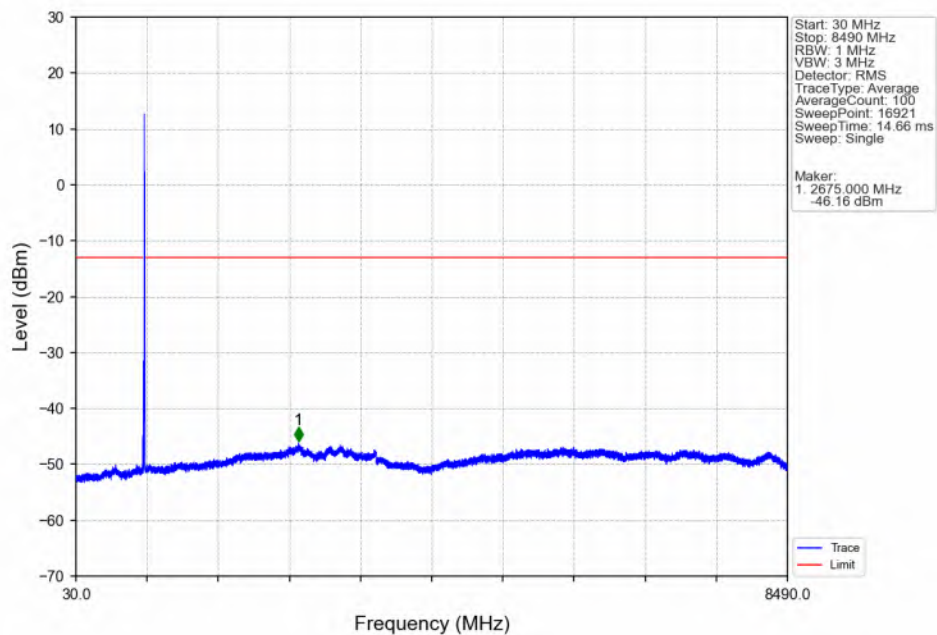


CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:QPSK\_CC2:QPSK\_CC1:843.6\_CC2:847.5MHz\_CC1: 1@0\_CC2: 1@14

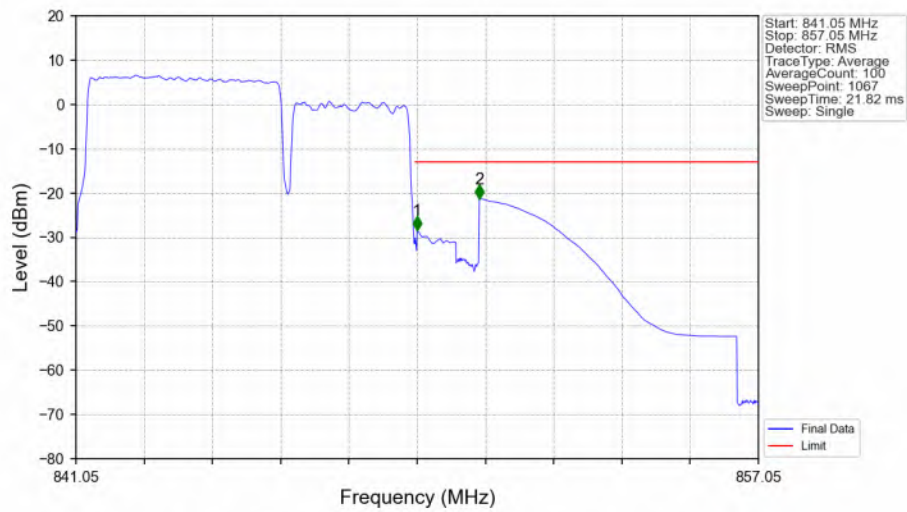


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 841.05      | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.002    | -50.38      | -13         | Pass   |
| 850         | 857.05     | 1         | CHP    | 2          | 850.501    | -49.17      | -13         | Pass   |

CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:QPSK\_CC2:QPSK\_CC1:843.6\_CC2:847.5MHz\_CC1: 1@0\_CC2: 1@14

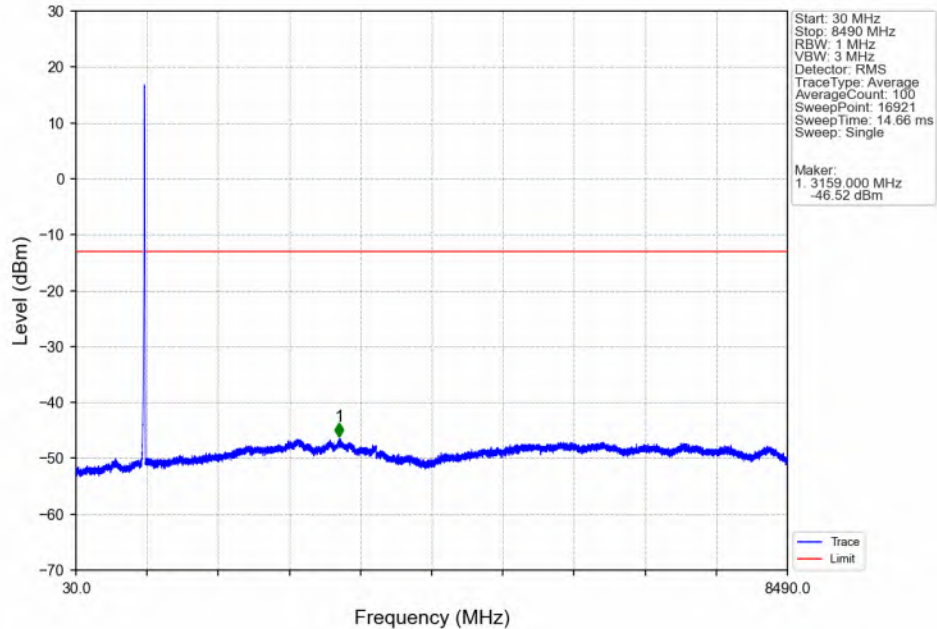


CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:843.6 CC2:847.5MHz\_CC1: 25@0 CC2: 15@0

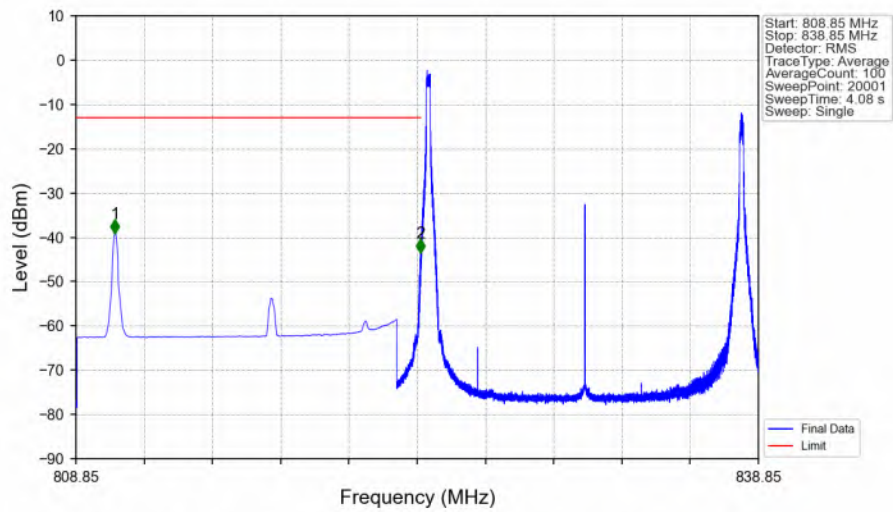


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 841.05      | 849        | 0.087     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.087     | CHP    | 1          | 849.050    | -28.39      | -13         | Pass   |
| 850         | 857.05     | 1         | CHP    | 2          | 850.506    | -21.23      | -13         | Pass   |

CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:843.6 CC2:847.5MHz\_CC1: 25@0 CC2: 15@0

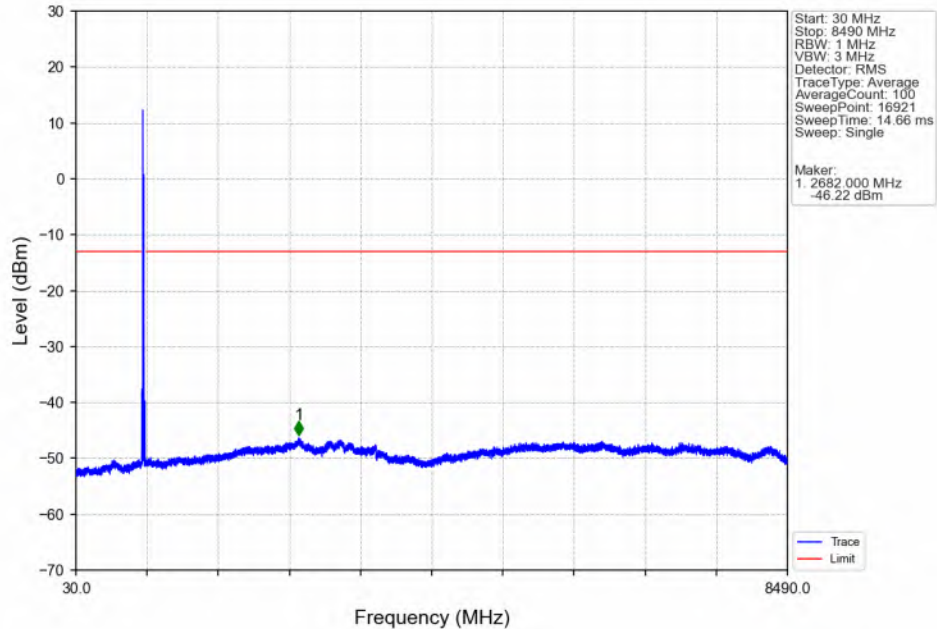


CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:826.5 CC2:833.7MHz\_CC1: 1@0 CC2: 1@49

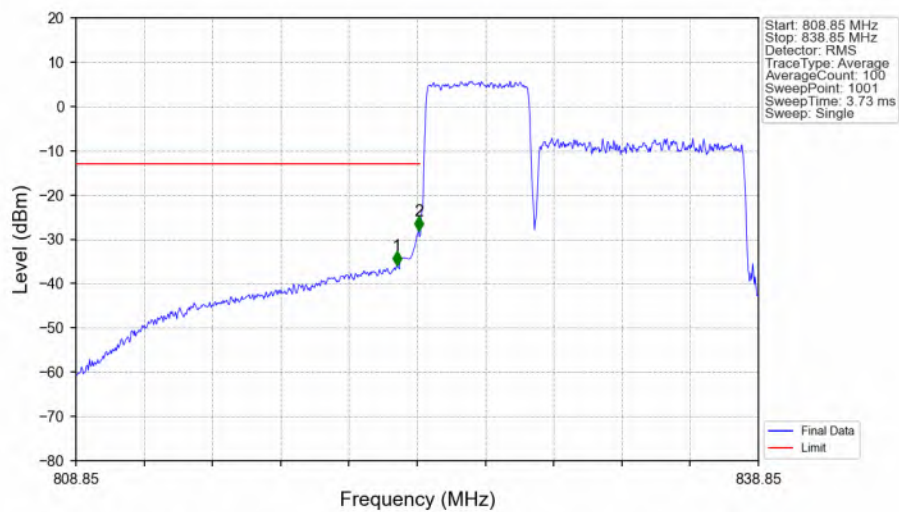


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 808.85      | 823        | 0.1       | CHP    | 1          | 810.560    | -39.11      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.999    | -43.54      | -13         | Pass   |
| 824         | 838.85     | 0.003     | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:826.5 CC2:833.7MHz\_CC1: 1@0 CC2: 1@49

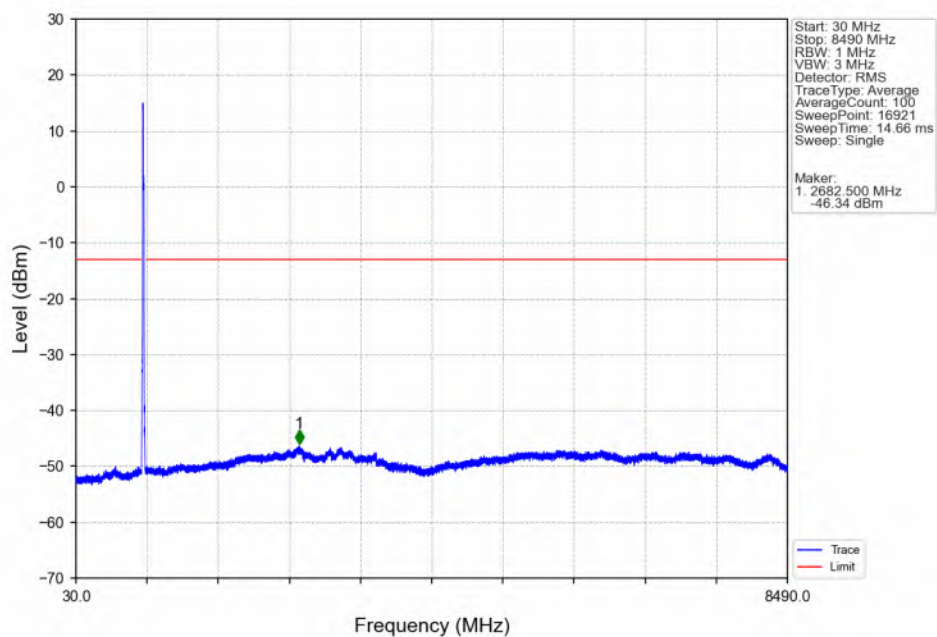


CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0

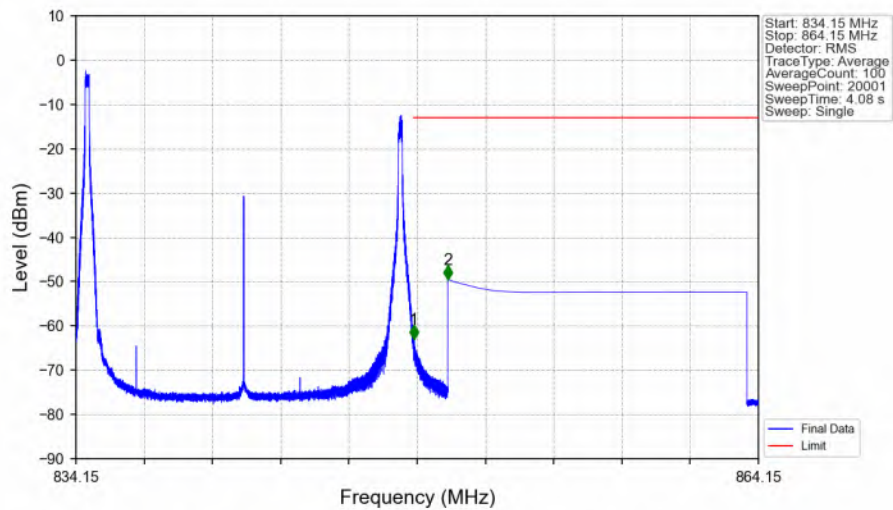


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 808.85      | 823        | 0.1       | /      | 1          | 822.950    | -35.89      | -13         | Pass   |
| 823         | 824        | 0.152     | CHP    | 2          | 823.910    | -27.99      | -13         | Pass   |
| 824         | 838.85     | 0.1       | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0

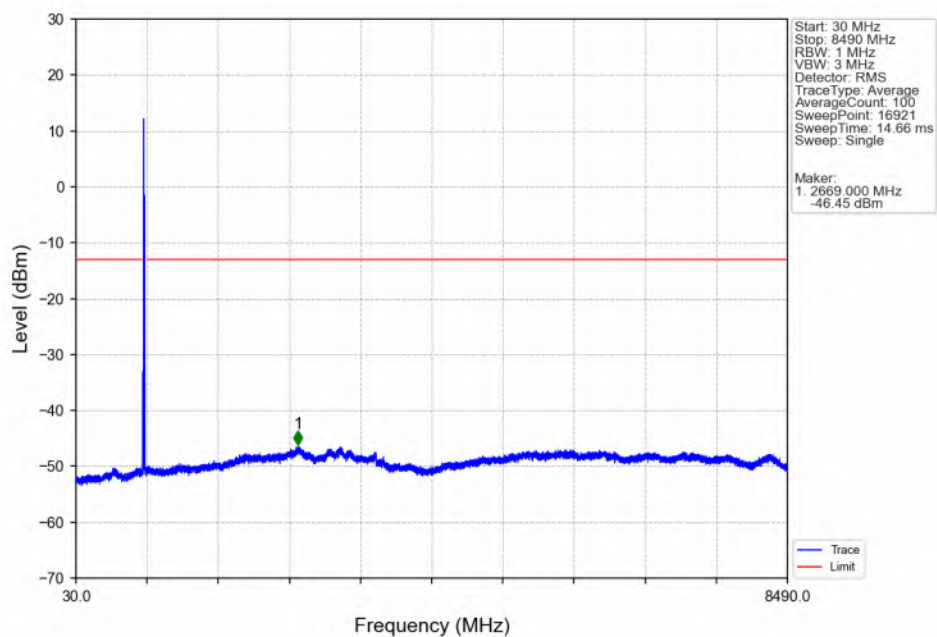


CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:836.8\_CC2:844MHz\_CC1: 1@0\_CC2: 1@49

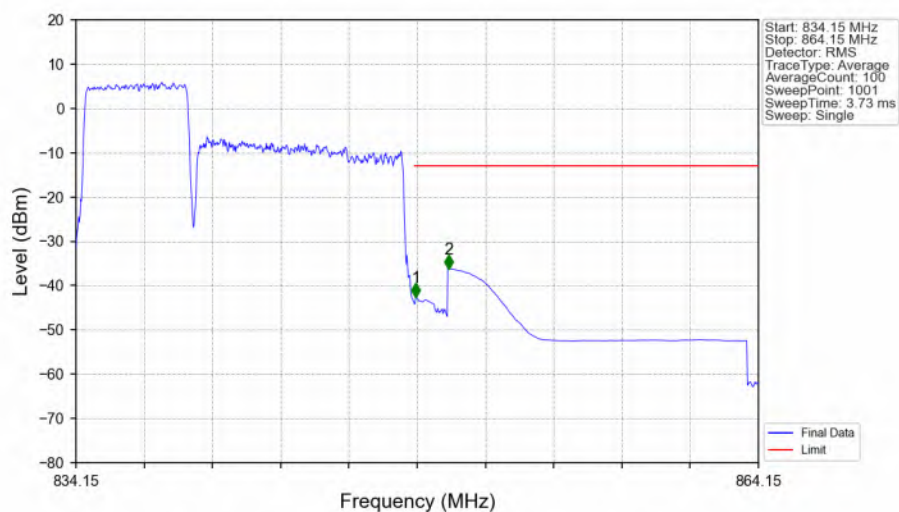


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 834.15      | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.001    | -63.03      | -13         | Pass   |
| 850         | 864.15     | 1         | CHP    | 2          | 850.500    | -49.51      | -13         | Pass   |

CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:836.8\_CC2:844MHz\_CC1: 1@0\_CC2: 1@49

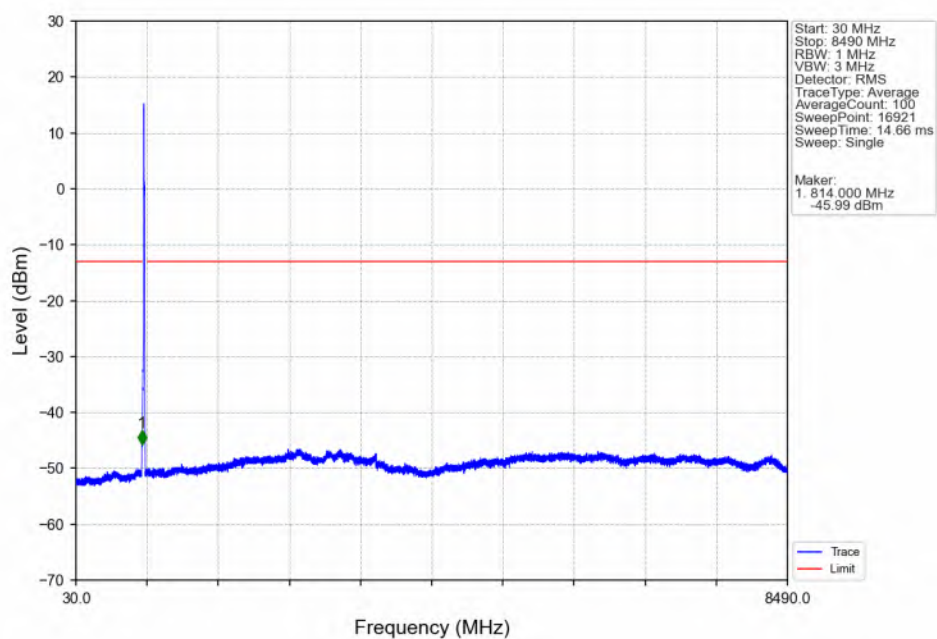


CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:836.8 CC2:844MHz\_CC1: 25@0 CC2: 50@0

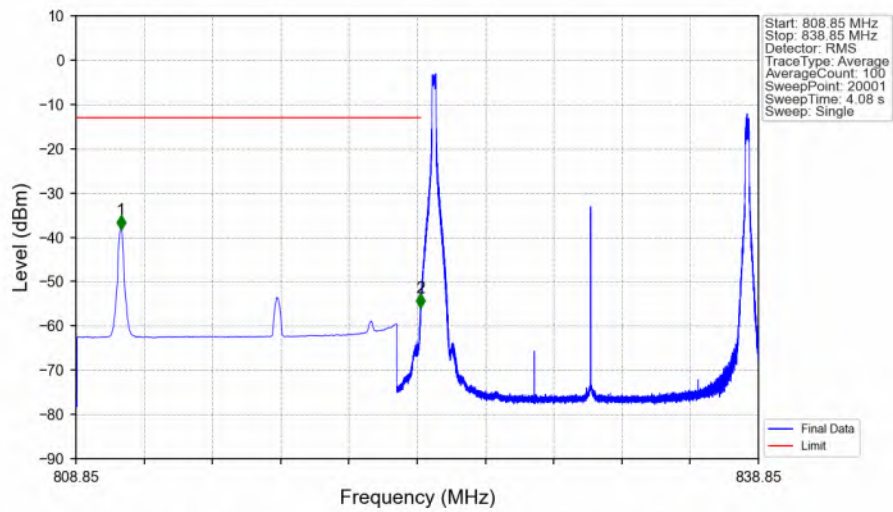


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 834.15      | 849        | 0.1       | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.153     | CHP    | 1          | 849.090    | -42.55      | -13         | Pass   |
| 850         | 864.15     | 1         | CHP    | 2          | 850.530    | -36.19      | -13         | Pass   |

CA\_5B\_SISO\_NTNV\_CC1:5 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:836.8 CC2:844MHz\_CC1: 25@0 CC2: 50@0

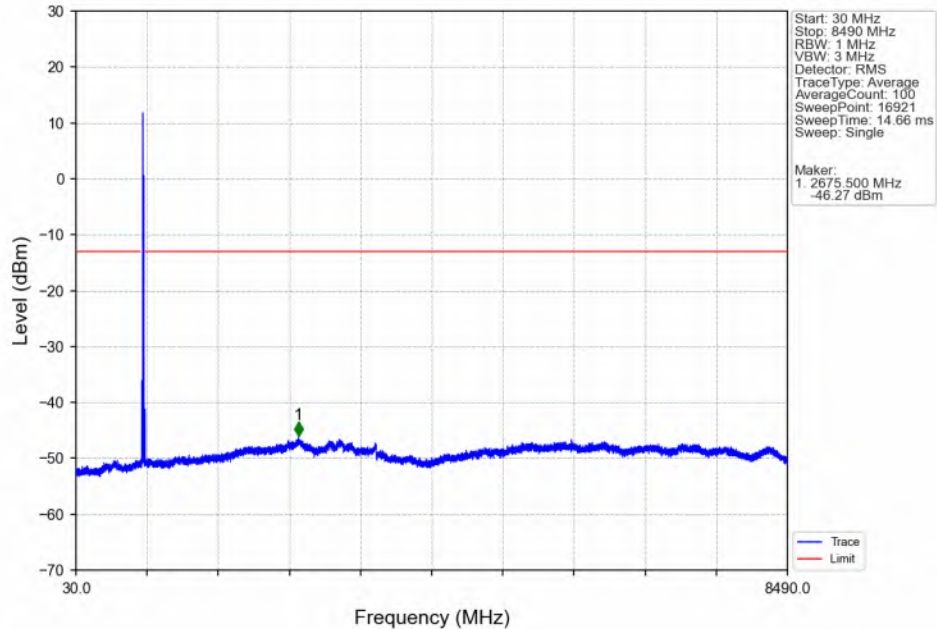


CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829\_CC2:836.2MHz\_CC1: 1@0\_CC2: 1@24

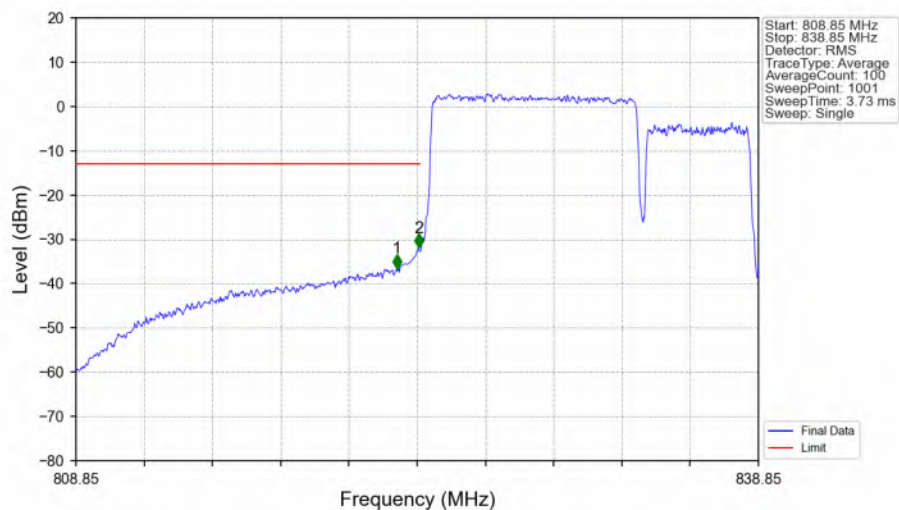


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 808.85      | 823        | 0.1       | CHP    | 1          | 810.836    | -38.13      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.999    | -55.89      | -13         | Pass   |
| 824         | 838.85     | 0.003     | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829\_CC2:836.2MHz\_CC1: 1@0\_CC2: 1@24

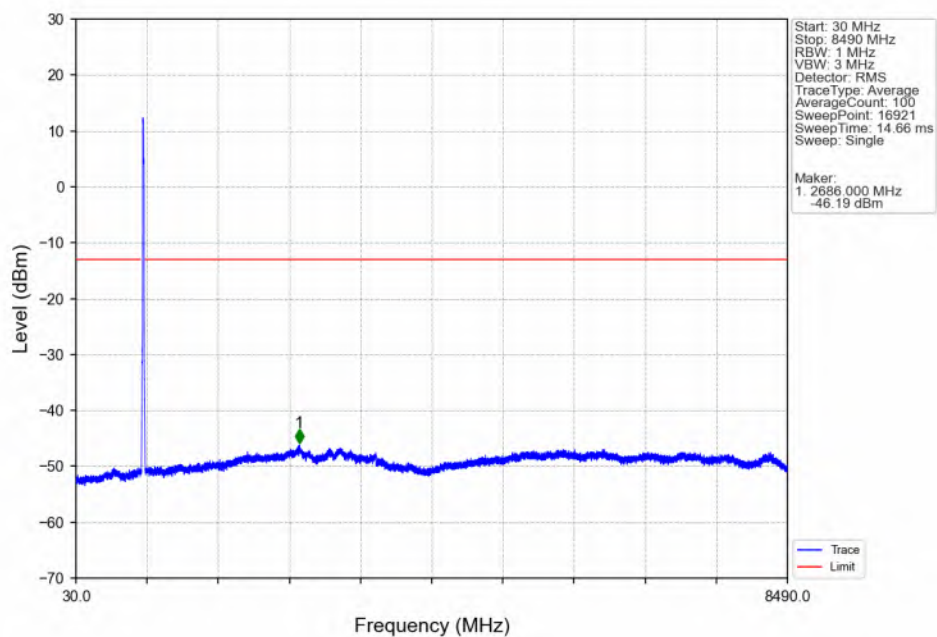


CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0

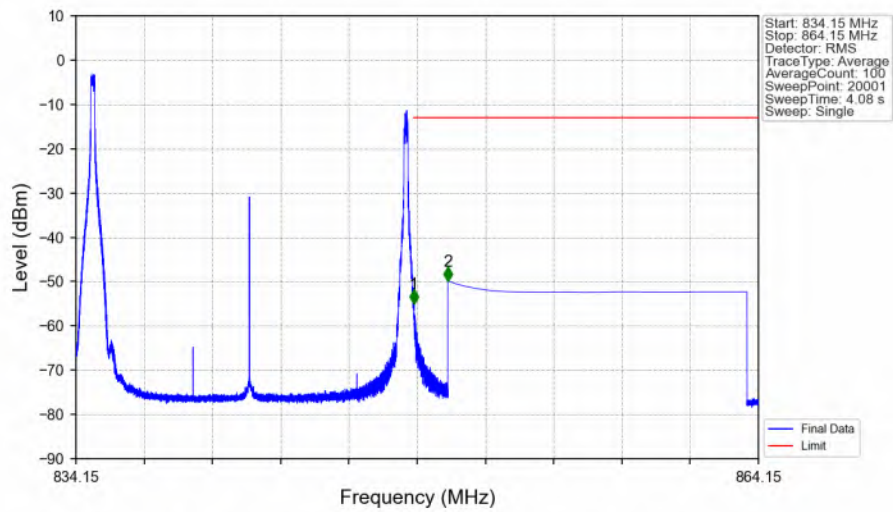


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 808.85      | 823        | 0.1       | /      | 1          | 822.950    | -36.50      | -13         | Pass   |
| 823         | 824        | 0.154     | CHP    | 2          | 823.910    | -31.79      | -13         | Pass   |
| 824         | 838.85     | 0.1       | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0

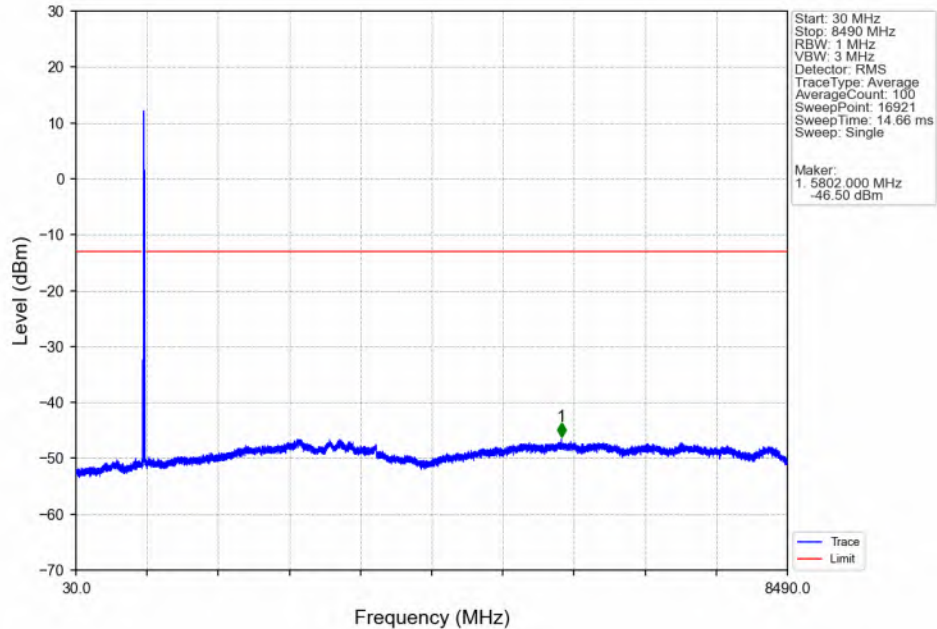


CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:839.3 CC2:846.5MHz\_CC1: 1@0 CC2: 1@24

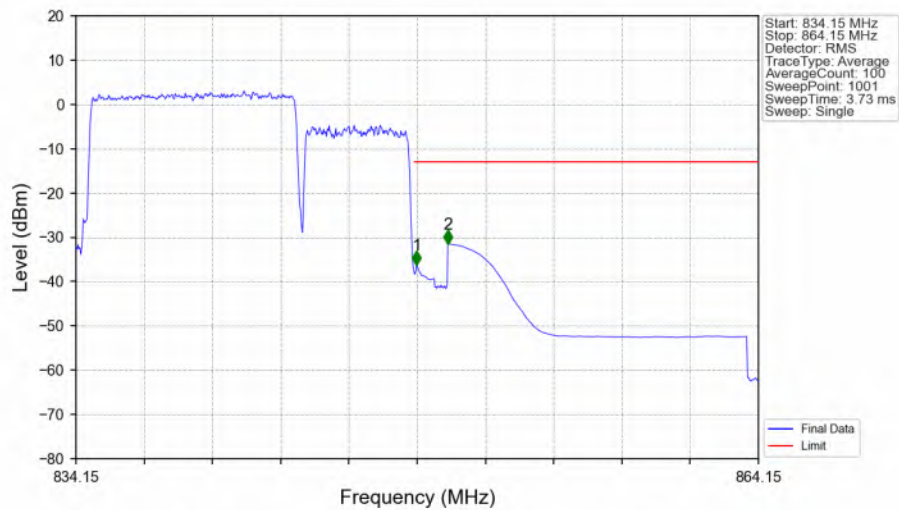


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 834.15      | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.005    | -54.99      | -13         | Pass   |
| 850         | 864.15     | 1         | CHP    | 2          | 850.500    | -49.82      | -13         | Pass   |

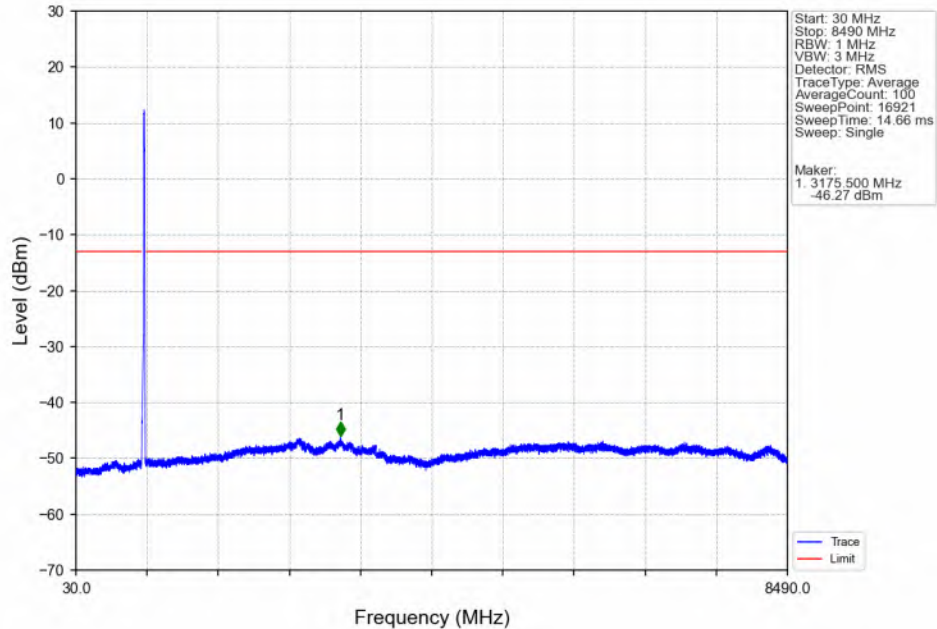
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:839.3 CC2:846.5MHz\_CC1: 1@0 CC2: 1@24



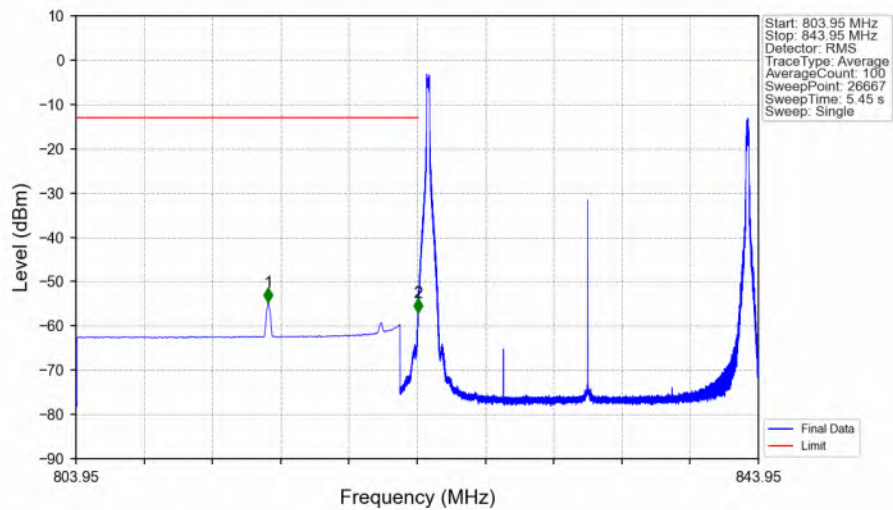
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0\_CC2: 25@0



CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0\_CC2: 25@0

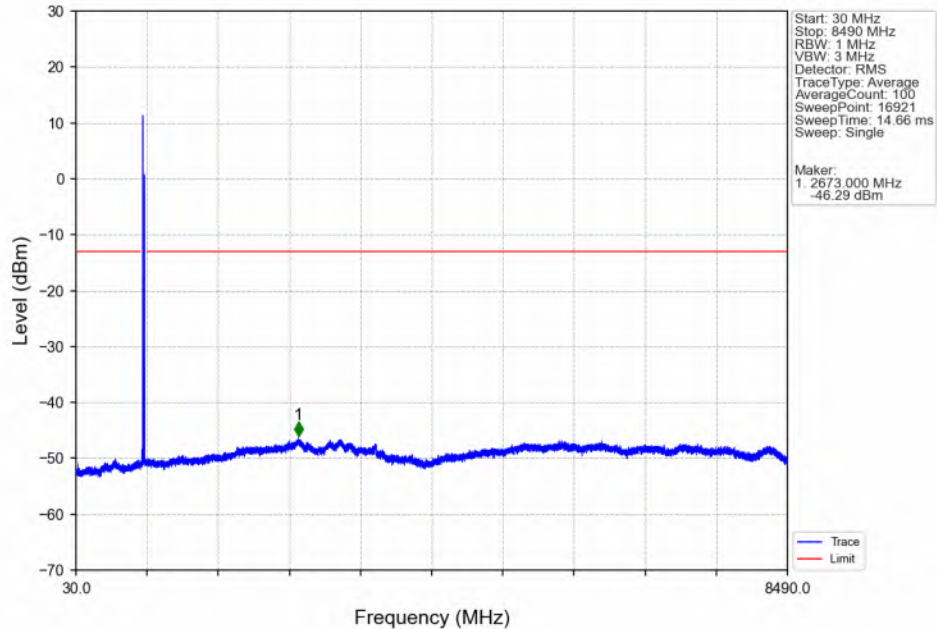


CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:838.9MHz\_CC1: 1@0 CC2: 1@49

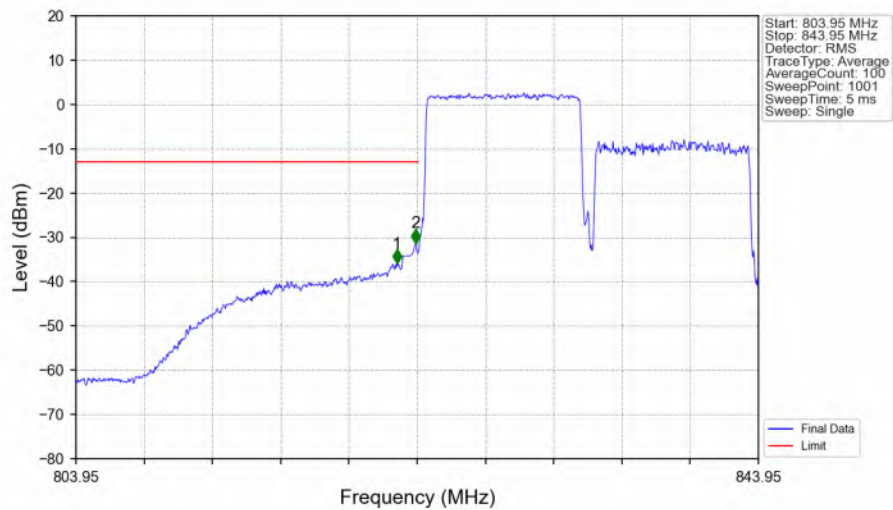


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 803.95      | 823        | 0.1       | CHP    | 1          | 815.214    | -54.59      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.998    | -56.91      | -13         | Pass   |
| 824         | 843.95     | 0.003     | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:829 CC2:838.9MHz\_CC1: 1@0 CC2: 1@49

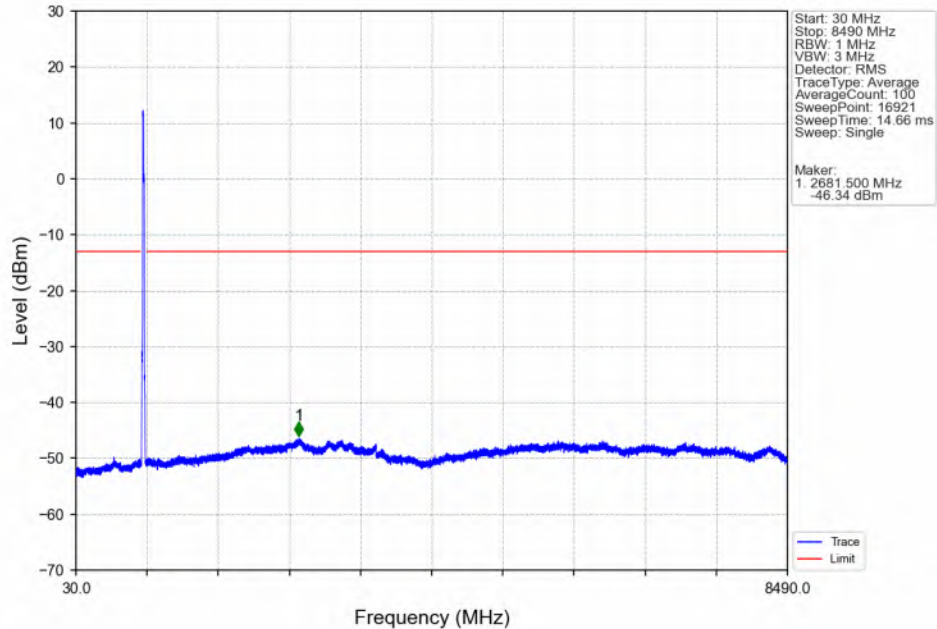


CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0

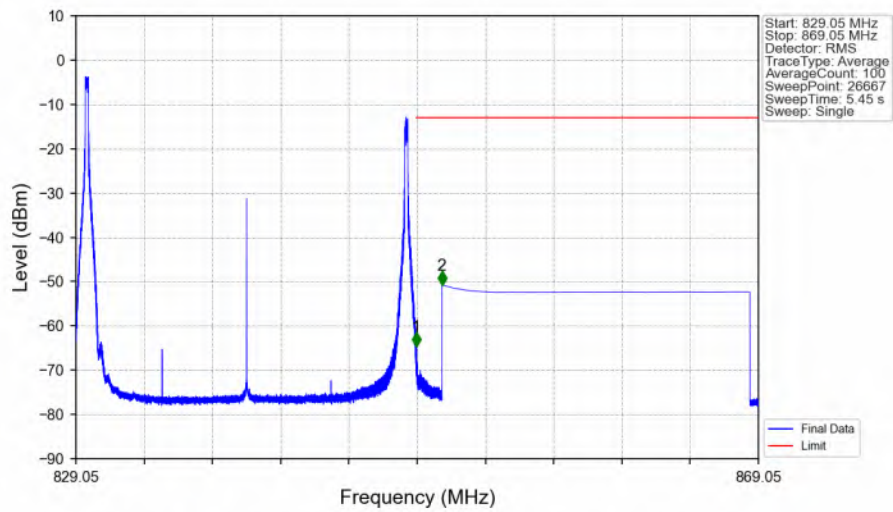


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 803.95      | 823        | 0.1       | /      | 1          | 822.750    | -35.94      | -13         | Pass   |
| 823         | 824        | 0.212     | CHP    | 2          | 823.870    | -31.22      | -13         | Pass   |
| 824         | 843.95     | 0.1       | /      | /          | /          | /           | /           | /      |

CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0

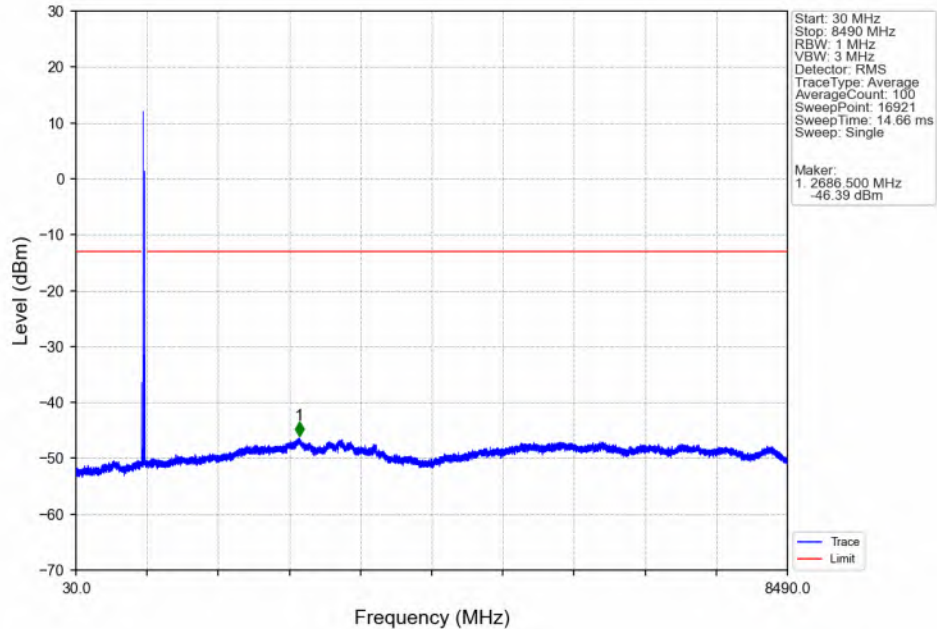


CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:834.1 CC2:844MHz\_CC1: 1@0 CC2: 1@49

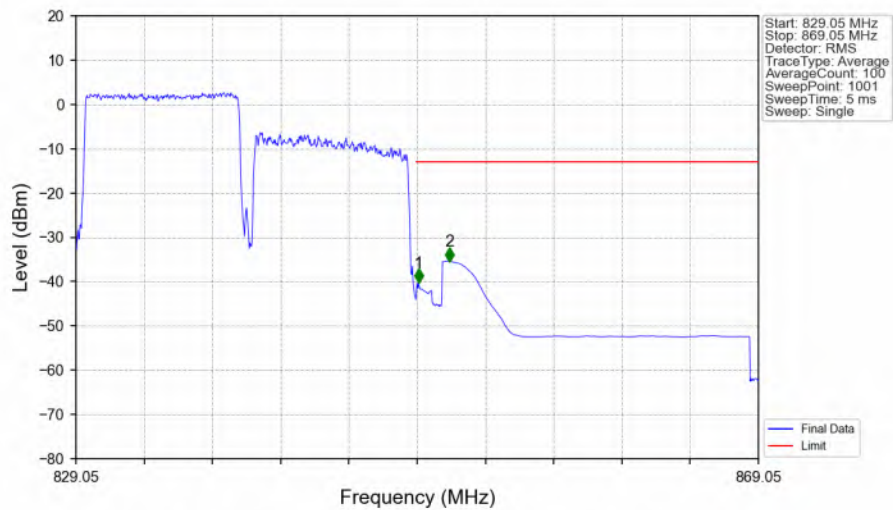


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 829.05      | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.000    | -64.71      | -13         | Pass   |
| 850         | 869.05     | 1         | CHP    | 2          | 850.501    | -50.71      | -13         | Pass   |

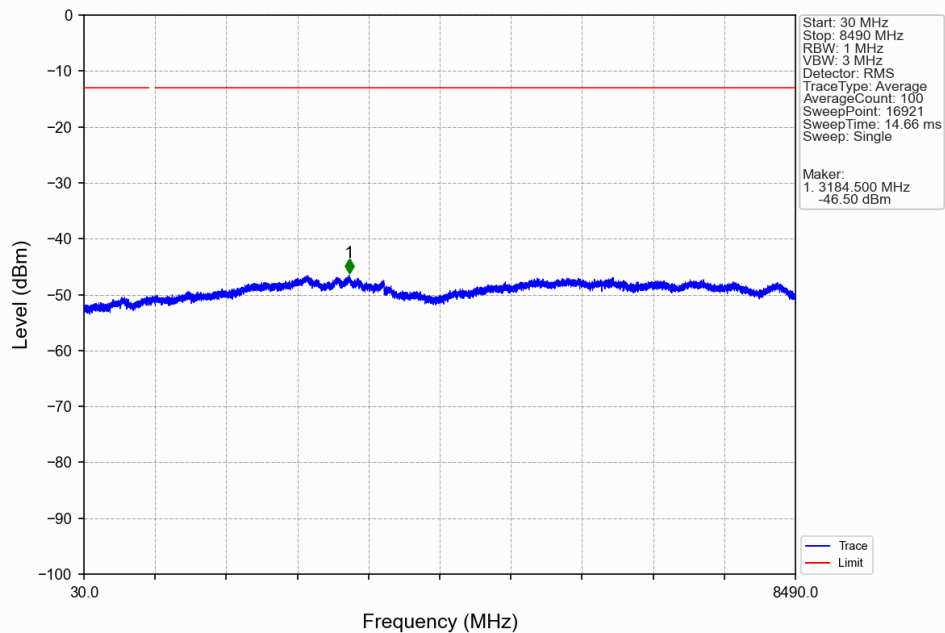
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:834.1 CC2:844MHz\_CC1: 1@0 CC2: 1@49



CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:834.1\_CC2:844MHz\_CC1: 50@0\_CC2: 50@0



CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:834.1\_CC2:844MHz\_CC1: 50@0\_CC2: 50@0



---End of Attachment---