

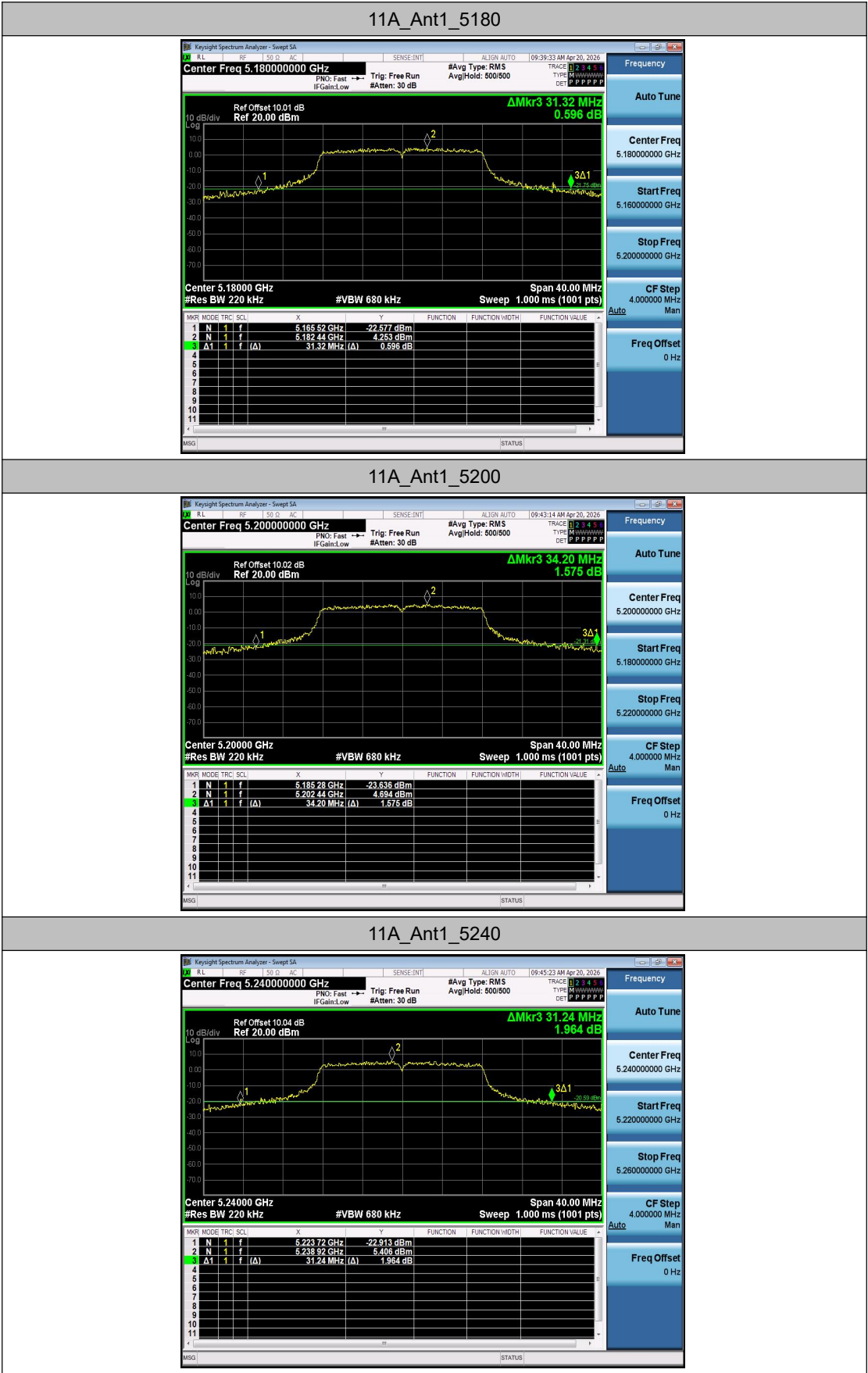
|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20260408009-2-04</u>          |                                          |
| <b>Ambient Condition:</b> <u>25</u> °C, <u>58</u> %RH |                                          |
| <b>According Standard:</b> ■Part15E                   |                                          |
| <b>Test Date:</b> <u>2026.4.24-2026.5.15</u>          | <b>Test Engineer:</b> <u>Evan ouyang</u> |

## Appendix C.1: Emission Bandwidth

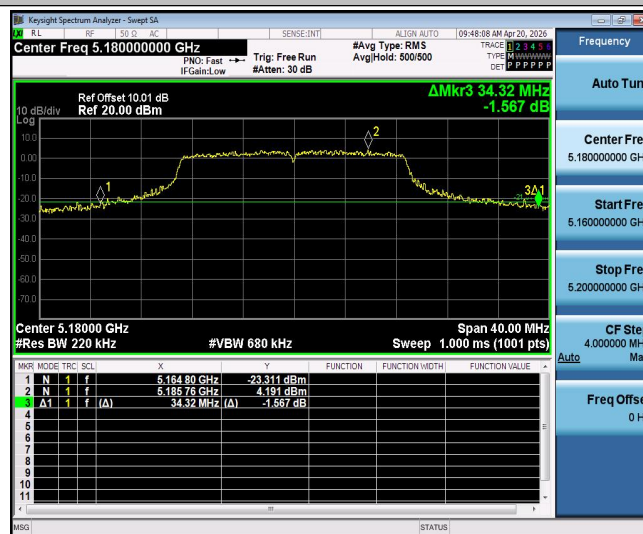
### Test Result

| Test Mode | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A       | Ant1    | 5180      | 31.320            | 5165.520 | 5196.840 | ---        | ---     |
|           |         | 5200      | 34.200            | 5185.280 | 5219.480 | ---        | ---     |
|           |         | 5240      | 31.240            | 5223.720 | 5254.960 | ---        | ---     |
| 11N20SISO | Ant1    | 5180      | 34.320            | 5164.800 | 5199.120 | ---        | ---     |
|           |         | 5200      | 35.080            | 5183.640 | 5218.720 | ---        | ---     |
|           |         | 5240      | 34.160            | 5222.560 | 5256.720 | ---        | ---     |

Test Graphs



## 11N20SISO\_Ant1\_5180



## 11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240



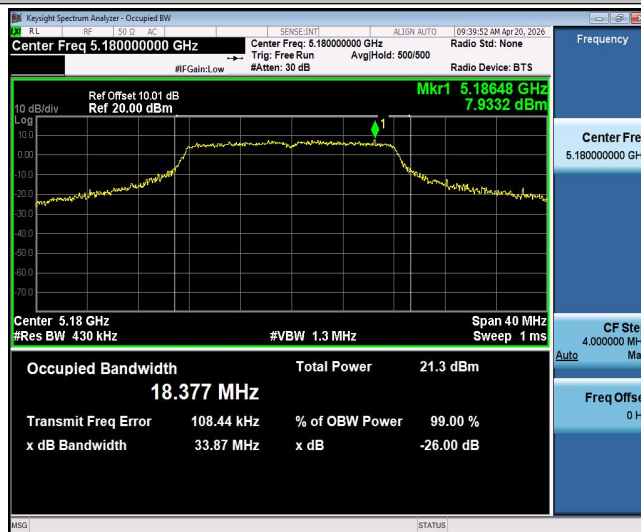
## Appendix C.2: Occupied channel bandwidth

### Test Result

| Test Mode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A       | Ant1    | 5180      | 18.377    | 5170.9199 | 5189.2969 | ---        | ---     |
|           |         | 5200      | 18.651    | 5190.7864 | 5209.4374 | ---        | ---     |
|           |         | 5240      | 18.361    | 5230.6587 | 5249.0197 | ---        | ---     |
| 11N20SISO | Ant1    | 5180      | 19.472    | 5170.4231 | 5189.8951 | ---        | ---     |
|           |         | 5200      | 19.435    | 5190.2993 | 5209.7343 | ---        | ---     |
|           |         | 5240      | 19.308    | 5230.2134 | 5249.5214 | ---        | ---     |

## Test Graphs

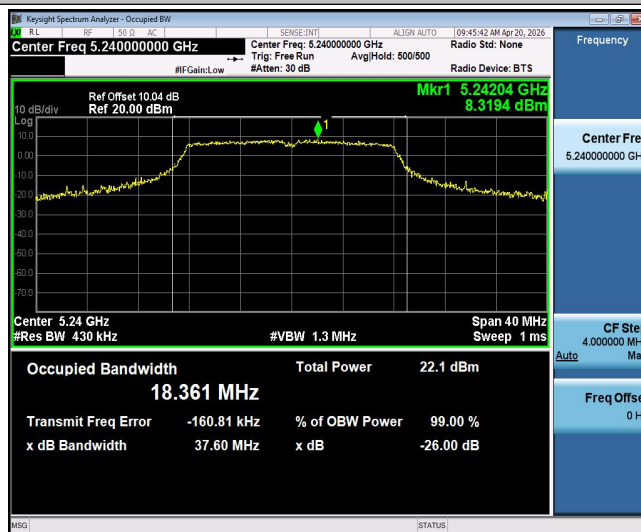
11A\_Ant1\_5180



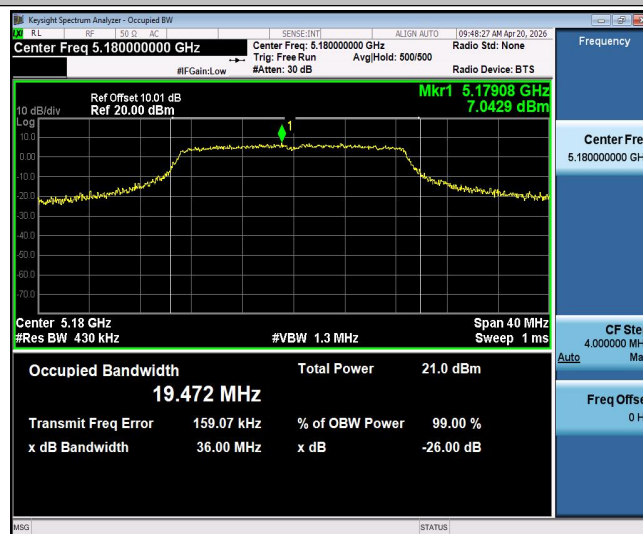
11A\_Ant1\_5200



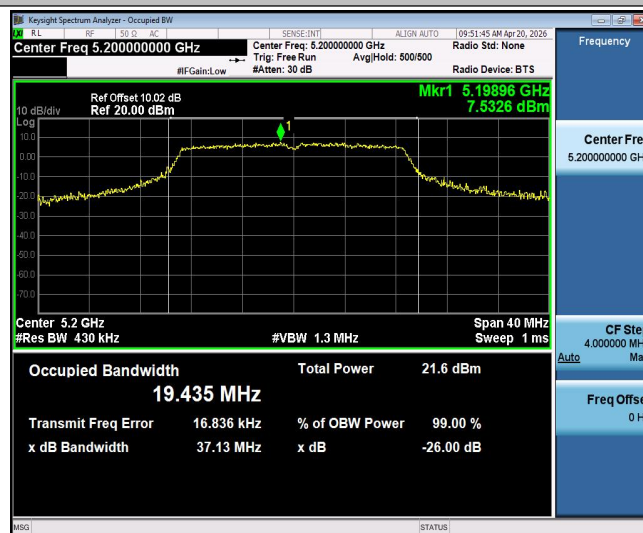
11A\_Ant1\_5240



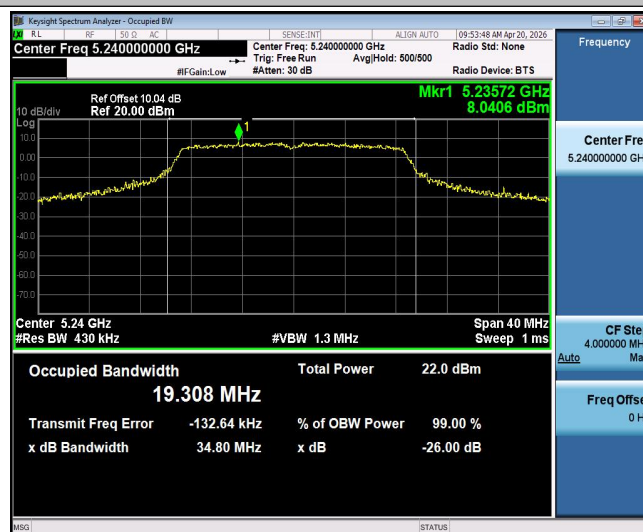
## 11N20SISO\_Ant1\_5180



## 11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240

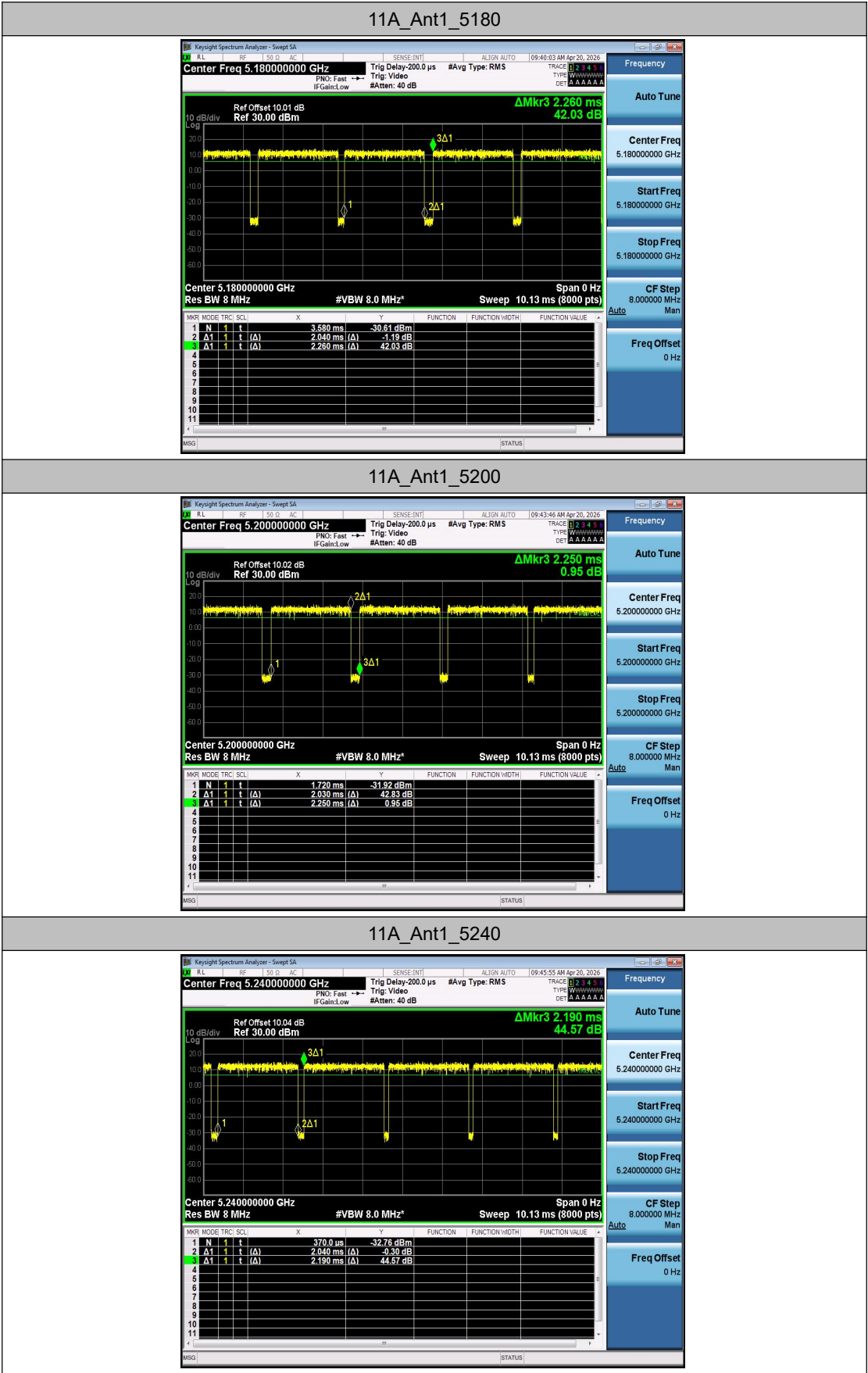


## Appendix C.3: Duty Cycle

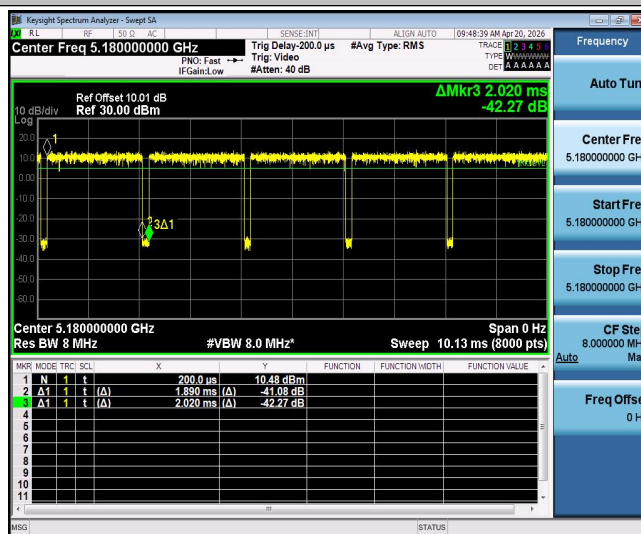
### Test Result

| Test Mode | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|-----------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A       | Ant1    | 5180      | 2.04                       | 2.26                     | 90.27          | 0.44                  | 0.49            |
|           |         | 5200      | 2.03                       | 2.25                     | 90.22          | 0.45                  | 0.49            |
|           |         | 5240      | 2.04                       | 2.19                     | 93.15          | 0.31                  | 0.49            |
| 11N20SISO | Ant1    | 5180      | 1.89                       | 2.02                     | 93.56          | 0.29                  | 0.53            |
|           |         | 5200      | 1.89                       | 2.06                     | 91.75          | 0.37                  | 0.53            |
|           |         | 5240      | 1.89                       | 2.11                     | 89.57          | 0.48                  | 0.53            |

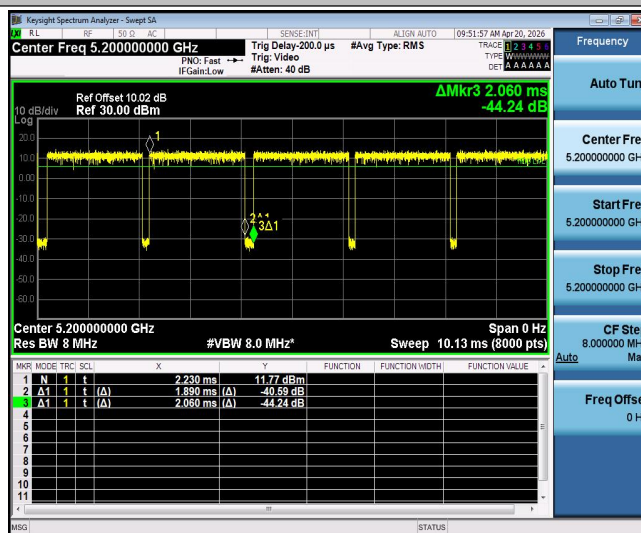
Test Graphs



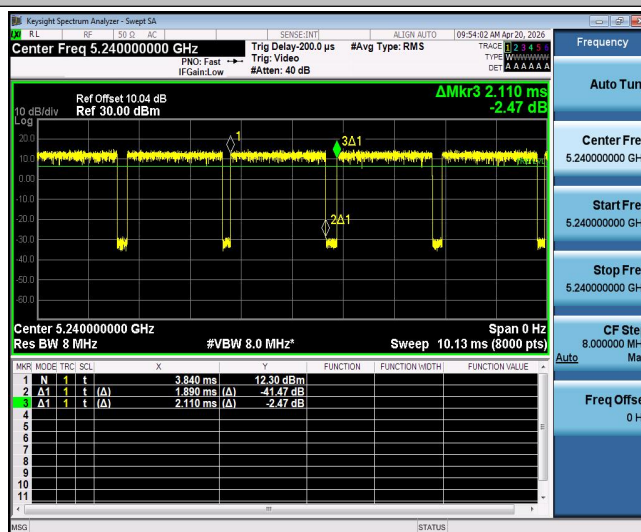
## 11N20SISO\_Ant1\_5180



## 11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240



## Appendix C.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode | Antenna | Freq (MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A       | Ant1    | 5180       | 14.11               | 90.27          | 0.44            | 14.55        | ≤23.98      | PASS    |
|           |         | 5200       | 14.60               | 90.22          | 0.45            | 15.05        | ≤23.98      | PASS    |
|           |         | 5240       | 14.92               | 93.15          | 0.31            | 15.23        | ≤23.98      | PASS    |
| 11N20SISO | Ant1    | 5180       | 13.85               | 93.56          | 0.29            | 14.14        | ≤23.98      | PASS    |
|           |         | 5200       | 14.40               | 91.75          | 0.37            | 14.77        | ≤23.98      | PASS    |
|           |         | 5240       | 14.94               | 89.57          | 0.48            | 15.42        | ≤23.98      | PASS    |

| Test Mode | Antenna | Freq(MHz) | Result [dBm] | Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | Verdict |
|-----------|---------|-----------|--------------|------------|------------|------------------|---------|
| 11A       | Ant1    | 5180      | 14.55        | 3.18       | 17.73      | 22.28            | PASS    |
|           |         | 5200      | 15.05        | 3.18       | 18.23      | 22.28            | PASS    |
|           |         | 5240      | 15.23        | 3.18       | 18.41      | 22.28            | PASS    |
| 11N20SISO | Ant1    | 5180      | 14.14        | 3.18       | 17.32      | 22.52            | PASS    |
|           |         | 5200      | 14.77        | 3.18       | 17.95      | 22.52            | PASS    |
|           |         | 5240      | 15.42        | 3.18       | 18.60      | 22.52            | PASS    |

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the data.
2. The maximum e.i.r.p. shall not exceed 200 mW or  $10 + 10 \log_{10} B$ , dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.

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## Appendix C.5: Maximum power spectral density

### Test Result

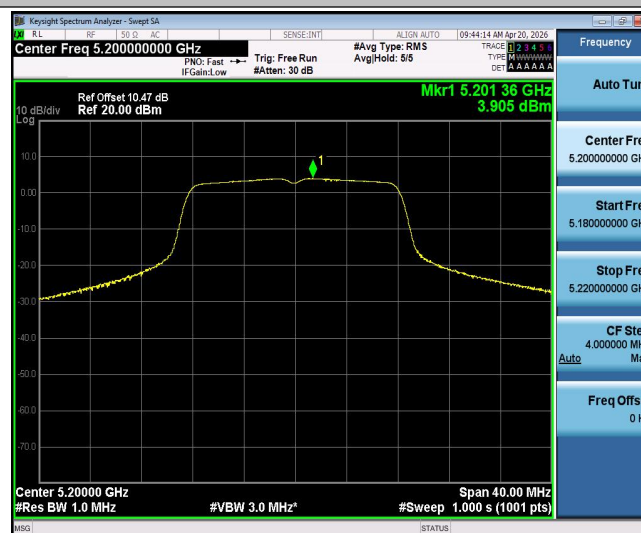
| Test Mode | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|-----------|---------|-----------|------------------|----------------|---------|
| 11A       | Ant1    | 5180      | 3.39             | ≤11.00         | PASS    |
|           |         | 5200      | 3.91             | ≤11.00         | PASS    |
|           |         | 5240      | 4.23             | ≤11.00         | PASS    |
| 11N20SISO | Ant1    | 5180      | 2.74             | ≤11.00         | PASS    |
|           |         | 5200      | 3.48             | ≤11.00         | PASS    |
|           |         | 5240      | 4.23             | ≤11.00         | PASS    |

## Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240



## 11N20SISO\_Ant1\_5180



## 11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240



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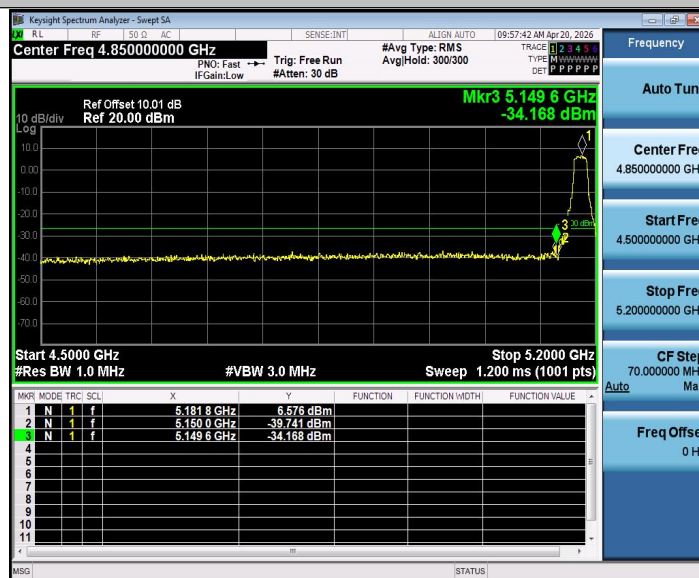
## Appendix C.6: Band edge measurements

### Test Result B1/2/3

| Test Mode | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|-----------|-------------|------------|---------|
| 11A       | Ant1    | Low    | 5180      | -34.17      | $\leq -27$ | PASS    |
|           |         | High   | 5240      | -36.23      | $\leq -27$ | PASS    |
| 11N20SISO | Ant1    | Low    | 5180      | -34.22      | $\leq -27$ | PASS    |
|           |         | High   | 5240      | -35.96      | $\leq -27$ | PASS    |

## Test Graphs B1/2/3

11A\_Ant1\_Low\_5180



11A\_Ant1\_High\_5240



11N20SISO\_Ant1\_Low\_5180