

|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20251202015-1-12</u>                                           |
| <b>Ambient Condition:</b> <u>22</u> °C, <u>49</u> %RH                                  |
| <b>According Standard:</b> ■Part15E                                                    |
| <b>Test Date:</b> <u>2025.12.5-2025.12.16</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

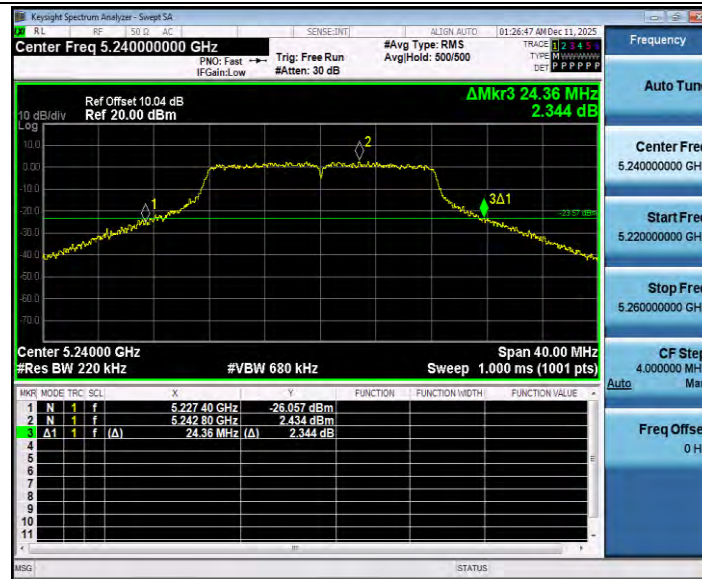
## Appendix D.1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180      | 25.160            | 5167.200 | 5192.360 | ---        | ---     |
|            |         | 5200      | 24.520            | 5187.480 | 5212.000 | ---        | ---     |
|            |         | 5240      | 24.360            | 5227.400 | 5251.760 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 25.760            | 5167.080 | 5192.840 | ---        | ---     |
|            |         | 5200      | 26.320            | 5186.800 | 5213.120 | ---        | ---     |
|            |         | 5240      | 25.200            | 5227.240 | 5252.440 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 44.800            | 5167.760 | 5212.560 | ---        | ---     |
|            |         | 5230      | 44.800            | 5207.680 | 5252.480 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 25.520            | 5167.360 | 5192.880 | ---        | ---     |
|            |         | 5200      | 25.760            | 5186.720 | 5212.480 | ---        | ---     |
|            |         | 5240      | 25.240            | 5227.400 | 5252.640 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 46.000            | 5167.200 | 5213.200 | ---        | ---     |
|            |         | 5230      | 45.440            | 5207.440 | 5252.880 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180      | 25.560            | 5167.520 | 5193.080 | ---        | ---     |
|            |         | 5200      | 24.600            | 5187.840 | 5212.440 | ---        | ---     |
|            |         | 5240      | 25.800            | 5227.240 | 5253.040 | ---        | ---     |
| 11AX40SISO | Ant1    | 5190      | 44.480            | 5168.000 | 5212.480 | ---        | ---     |
|            |         | 5230      | 44.160            | 5208.160 | 5252.320 | ---        | ---     |

Test Graphs

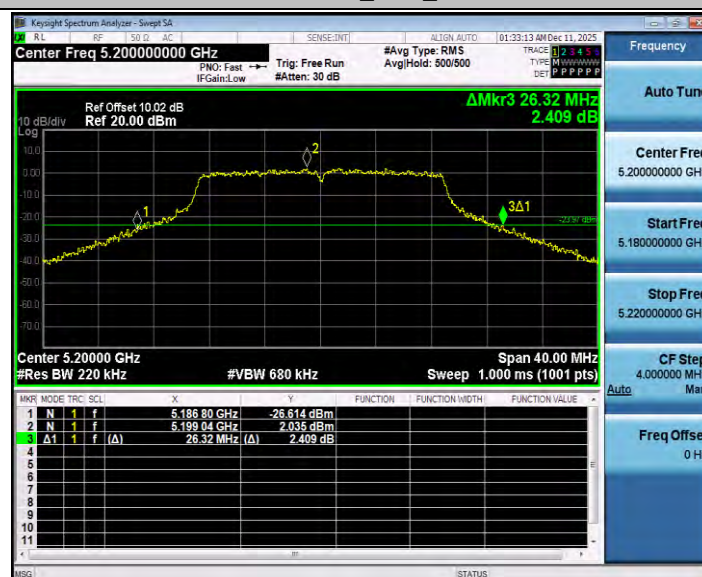




11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240



## 11N40SISO\_Ant1\_5190



## 11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



## 11AC20SISO\_Ant1\_5240



## 11AC40SISO\_Ant1\_5190



## 11AC40SISO\_Ant1\_5230



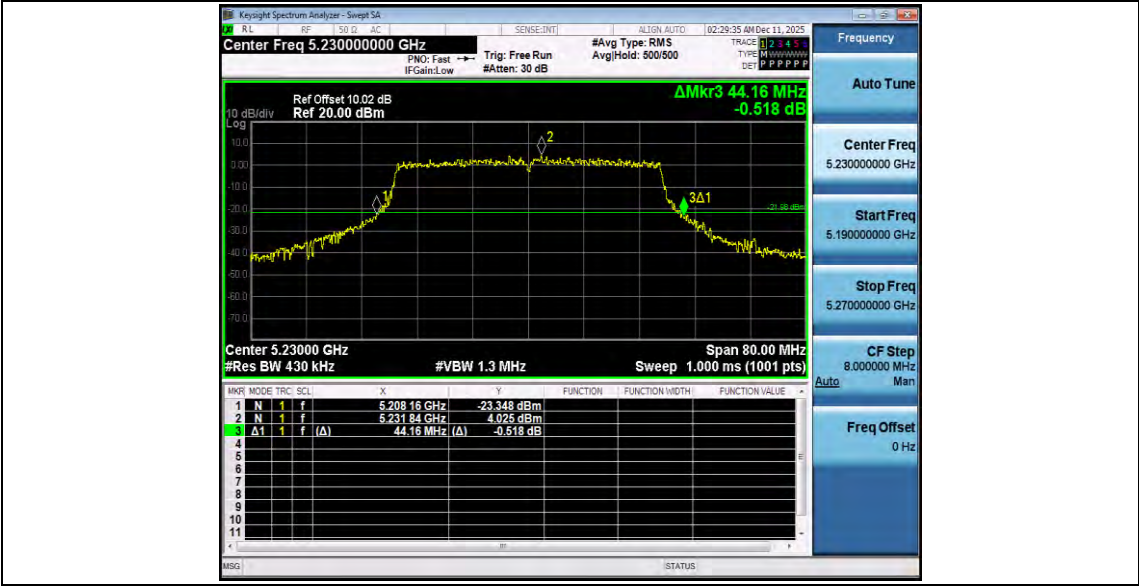
11AX20SISO\_Ant1\_5180



11AX20SISO\_Ant1\_5200





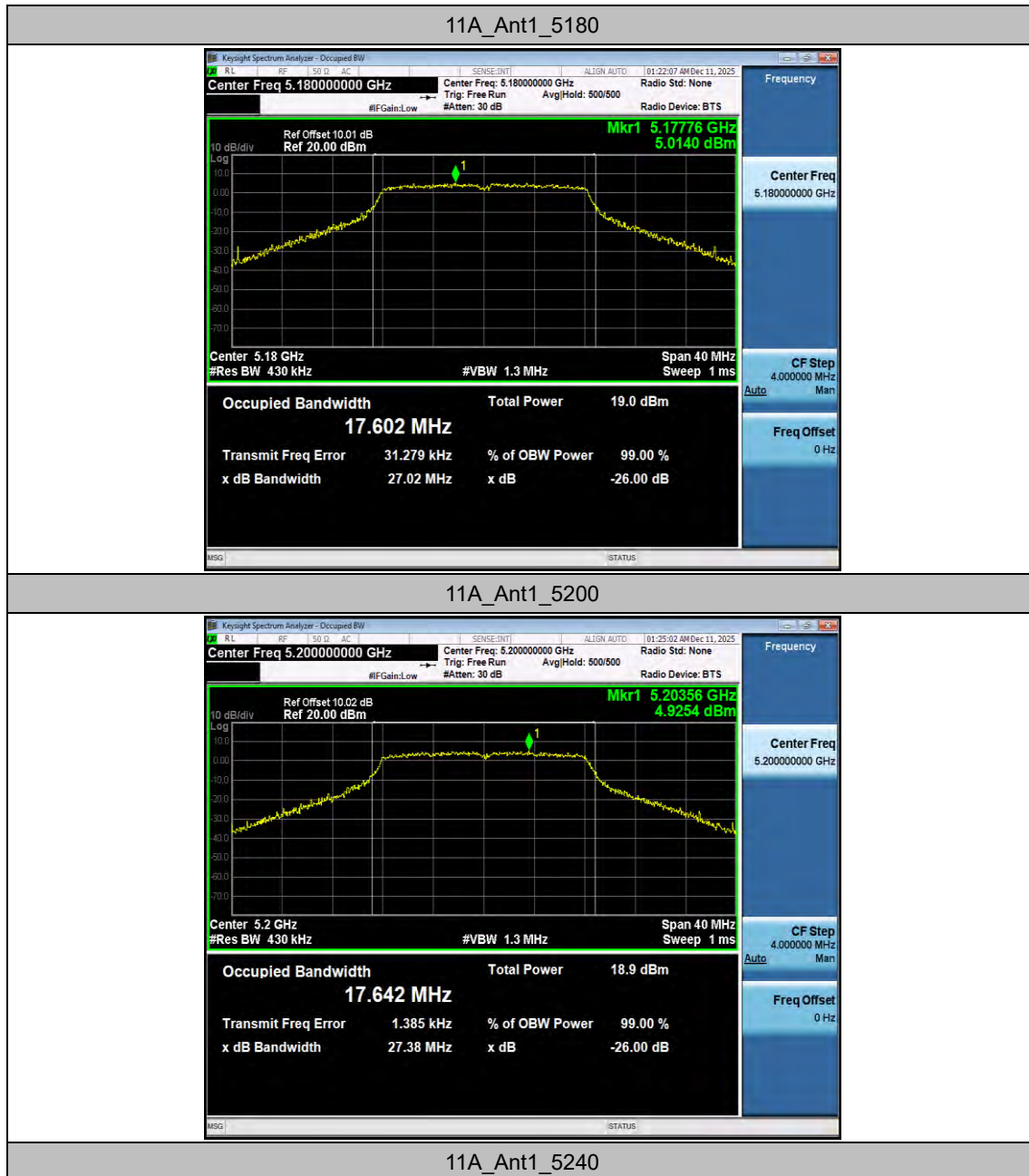


## Appendix D.2: Occupied channel bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180      | 17.602    | 5171.2303 | 5188.8323 | ---        | ---     |
|            |         | 5200      | 17.642    | 5191.1804 | 5208.8224 | ---        | ---     |
|            |         | 5240      | 17.579    | 5231.2114 | 5248.7904 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 18.681    | 5170.7640 | 5189.4450 | ---        | ---     |
|            |         | 5200      | 18.726    | 5190.7537 | 5209.4797 | ---        | ---     |
|            |         | 5240      | 18.759    | 5230.6673 | 5249.4263 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 37.101    | 5171.6068 | 5208.7078 | ---        | ---     |
|            |         | 5230      | 37.136    | 5211.4970 | 5248.6330 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 18.724    | 5170.7181 | 5189.4421 | ---        | ---     |
|            |         | 5200      | 18.779    | 5190.7073 | 5209.4863 | ---        | ---     |
|            |         | 5240      | 18.716    | 5230.7180 | 5249.4340 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 37.206    | 5171.5422 | 5208.7482 | ---        | ---     |
|            |         | 5230      | 37.161    | 5211.4943 | 5248.6553 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180      | 19.433    | 5170.3368 | 5189.7698 | ---        | ---     |
|            |         | 5200      | 19.514    | 5190.3143 | 5209.8283 | ---        | ---     |
|            |         | 5240      | 19.463    | 5230.3283 | 5249.7913 | ---        | ---     |
| 11AX40SISO | Ant1    | 5190      | 38.198    | 5171.0113 | 5209.2093 | ---        | ---     |
|            |         | 5230      | 38.169    | 5210.9920 | 5249.1610 | ---        | ---     |

## Test Graphs





11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240



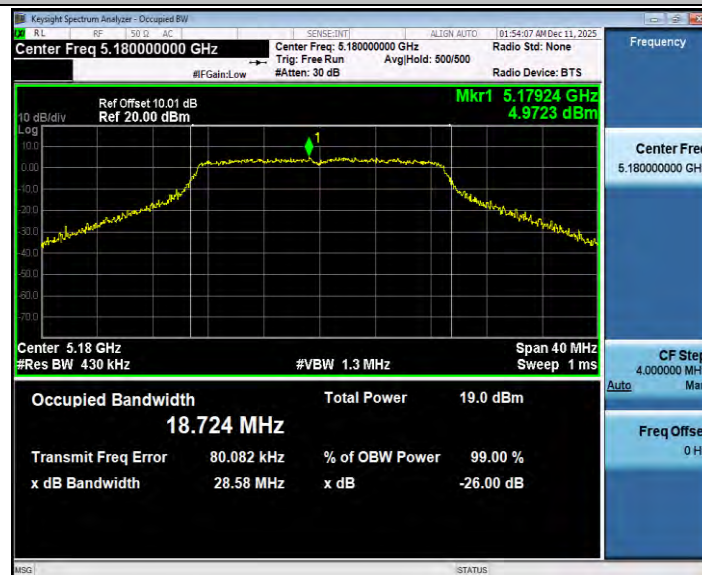
## 11N40SISO\_Ant1\_5190



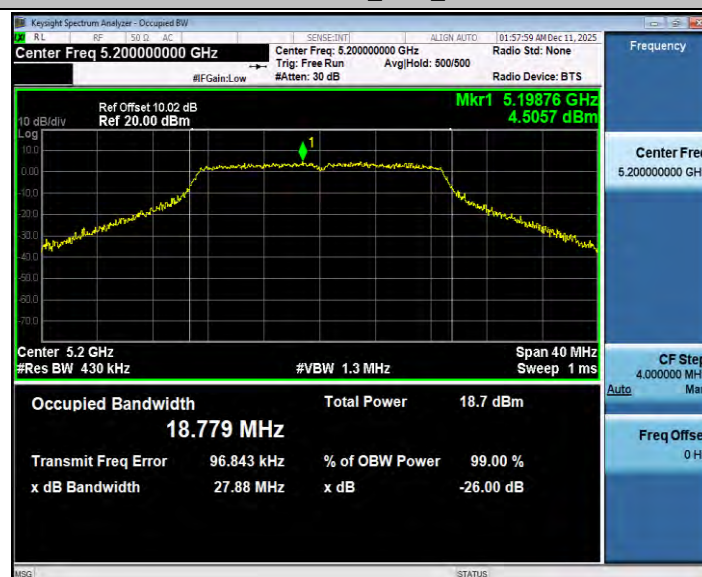
## 11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



## 11AC20SISO\_Ant1\_5240



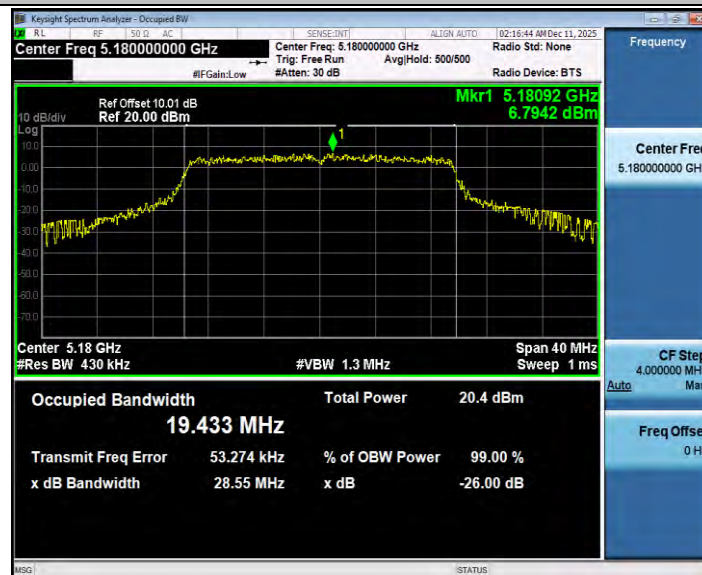
## 11AC40SISO\_Ant1\_5190



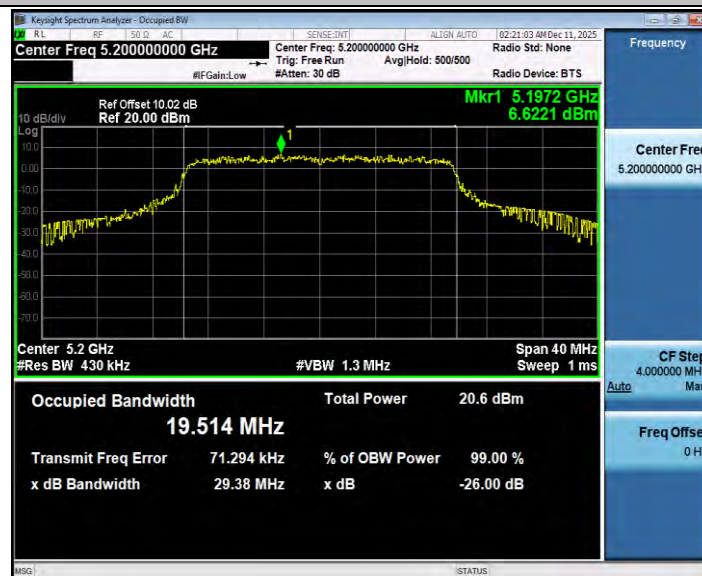
## 11AC40SISO\_Ant1\_5230



11AX20SISO\_Ant1\_5180



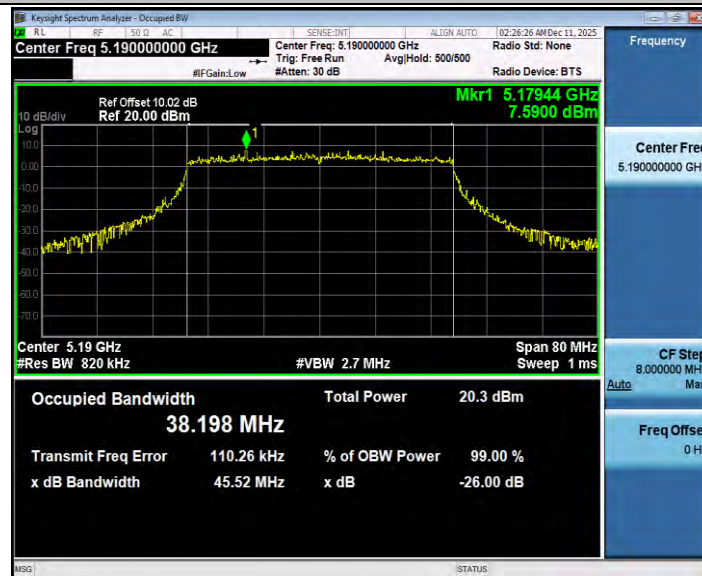
11AX20SISO\_Ant1\_5200



## 11AX20SISO\_Ant1\_5240



## 11AX40SISO\_Ant1\_5190



## 11AX40SISO\_Ant1\_5230

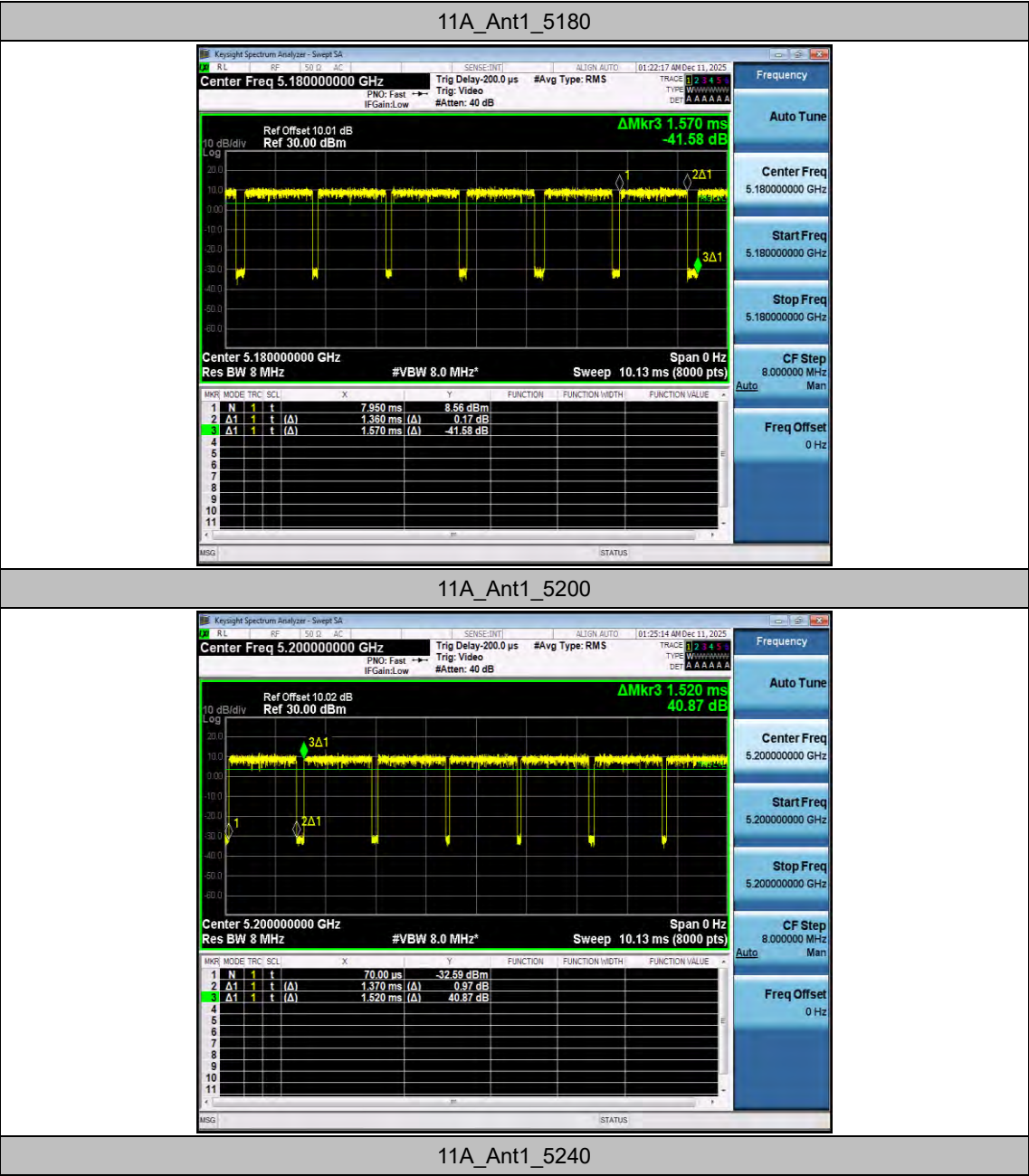


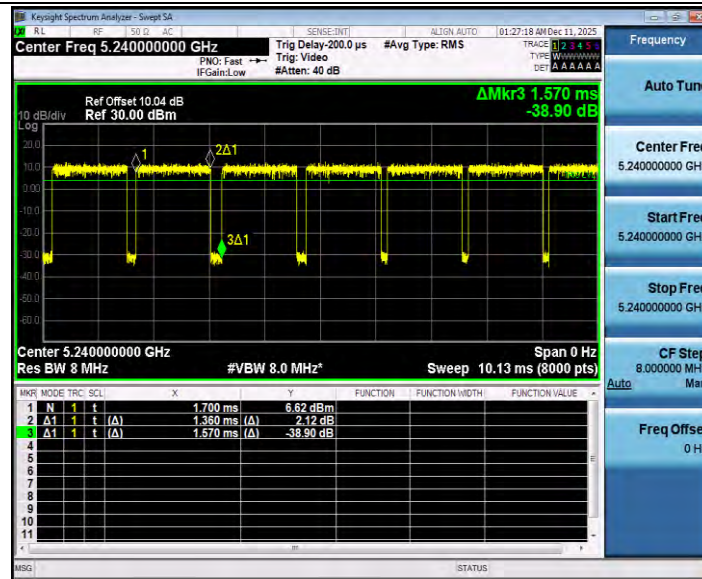
## AppendixD.3: Duty Cycle

### Test Result

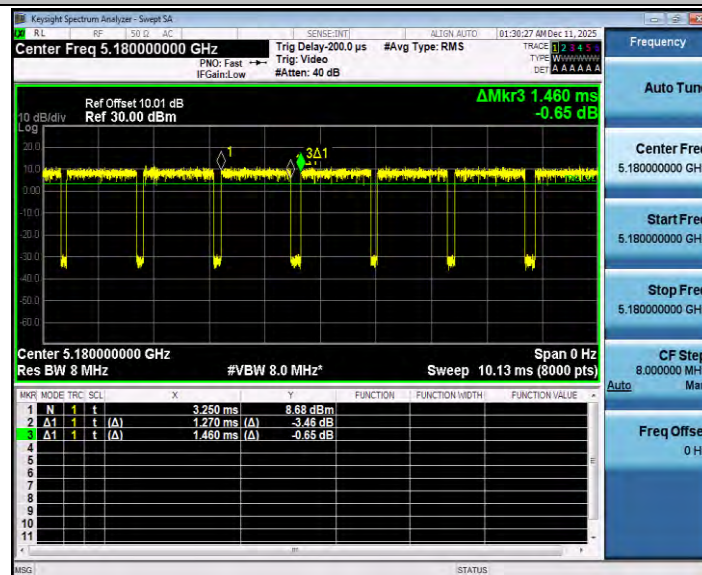
| TestMode   | Antenna | Freq (MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|------------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant1    | 5180       | 1.36                       | 1.57                     | 86.62          | 0.62                  | 0.74            |
|            |         | 5200       | 1.37                       | 1.52                     | 90.13          | 0.45                  | 0.73            |
|            |         | 5240       | 1.36                       | 1.57                     | 86.62          | 0.62                  | 0.74            |
| 11N20SISO  | Ant1    | 5180       | 1.27                       | 1.46                     | 86.99          | 0.61                  | 0.79            |
|            |         | 5200       | 1.28                       | 1.77                     | 72.32          | 1.41                  | 0.78            |
|            |         | 5240       | 1.28                       | 1.45                     | 88.28          | 0.54                  | 0.78            |
| 11N40SISO  | Ant1    | 5190       | 0.64                       | 0.88                     | 72.73          | 1.38                  | 1.56            |
|            |         | 5230       | 0.63                       | 0.87                     | 72.41          | 1.40                  | 1.59            |
| 11AC20SISO | Ant1    | 5180       | 1.28                       | 1.69                     | 75.74          | 1.21                  | 0.78            |
|            |         | 5200       | 1.28                       | 1.51                     | 84.77          | 0.72                  | 0.78            |
|            |         | 5240       | 1.29                       | 1.46                     | 88.36          | 0.54                  | 0.78            |
| 11AC40SISO | Ant1    | 5190       | 0.64                       | 0.87                     | 73.56          | 1.33                  | 1.56            |
|            |         | 5230       | 0.64                       | 0.92                     | 69.57          | 1.58                  | 1.56            |
| 11AX20SISO | Ant1    | 5180       | 0.99                       | 1.21                     | 81.82          | 0.87                  | 1.01            |
|            |         | 5200       | 1.00                       | 1.21                     | 82.64          | 0.83                  | 1.00            |
|            |         | 5240       | 1.00                       | 1.23                     | 81.30          | 0.90                  | 1.00            |
| 11AX40SISO | Ant1    | 5190       | 0.53                       | 0.75                     | 70.67          | 1.51                  | 1.89            |
|            |         | 5230       | 0.53                       | 0.69                     | 76.81          | 1.15                  | 1.89            |

Test Graphs

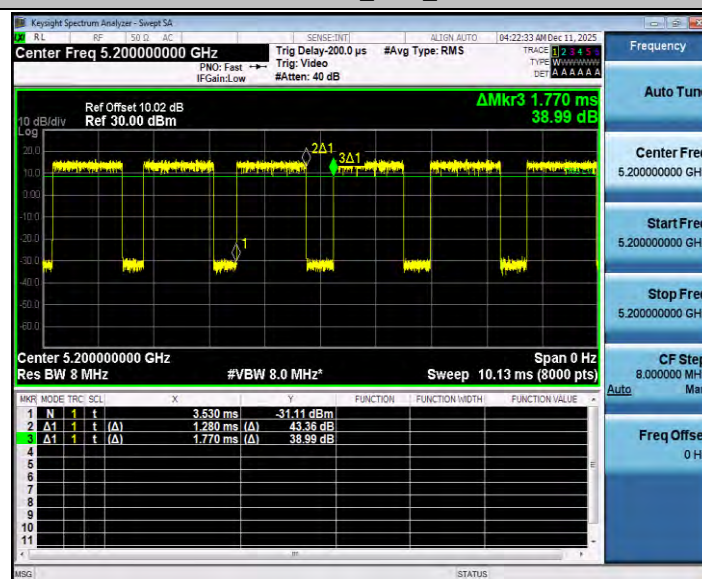




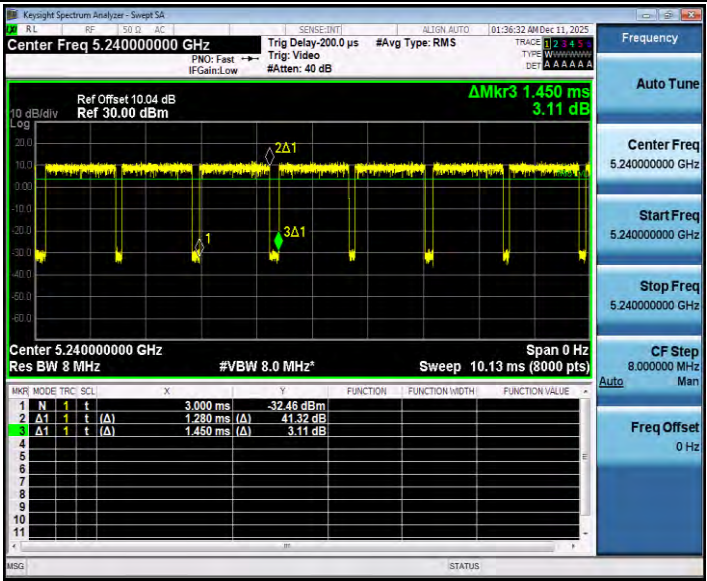
11N20SISO\_Ant1\_5180



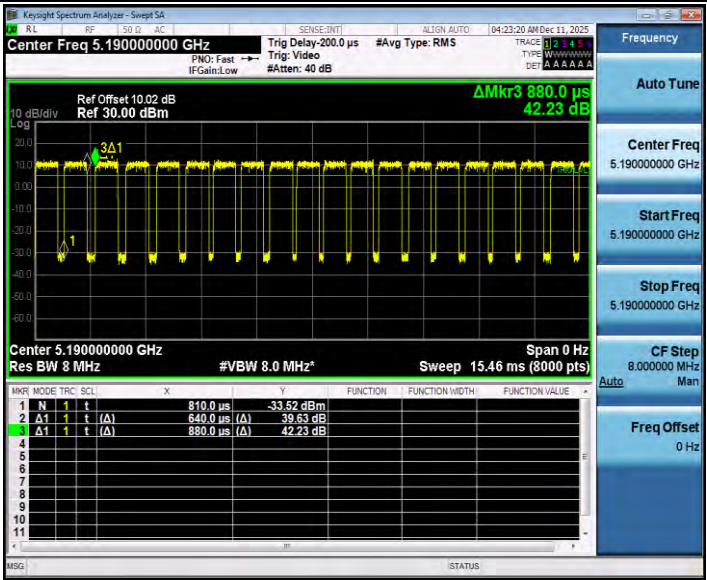
11N20SISO\_Ant1\_5200



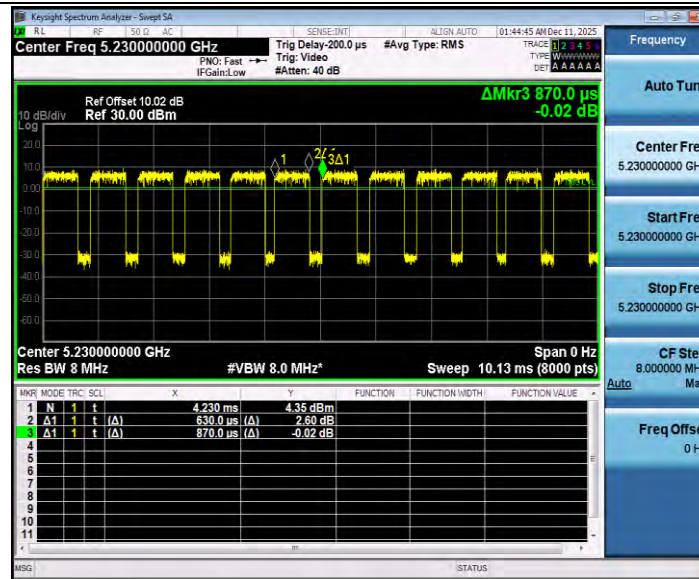
11N20SISO\_Ant1\_5240



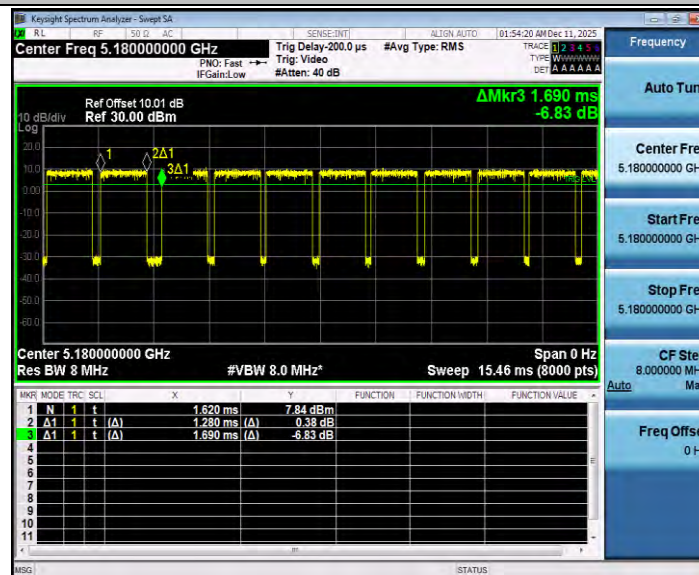
11N40SISO\_Ant1\_5190



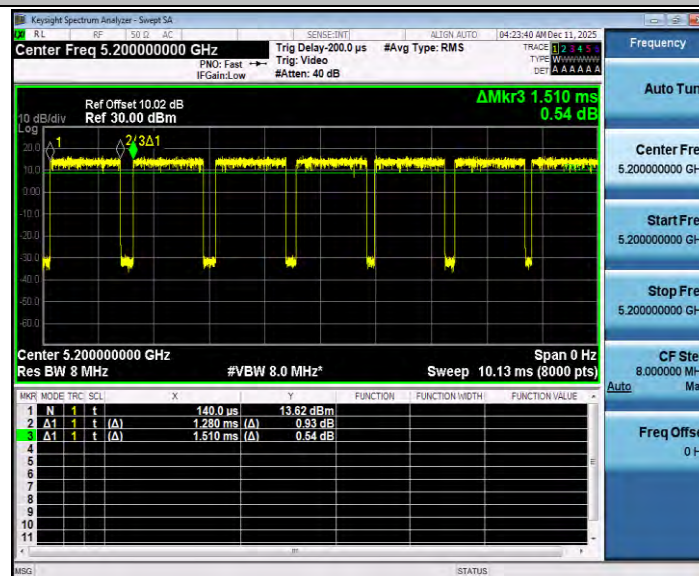
11N40SISO\_Ant1\_5230

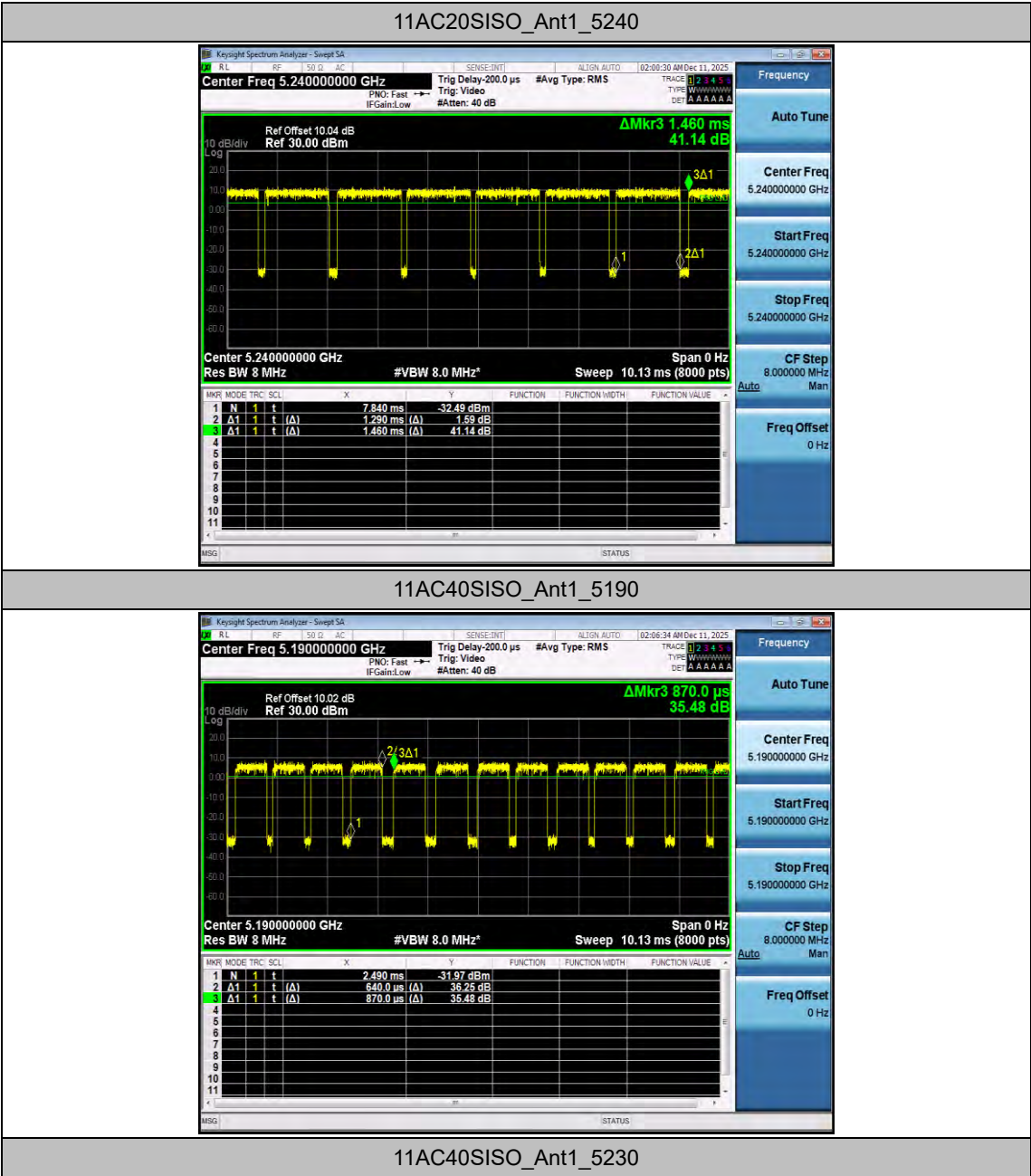


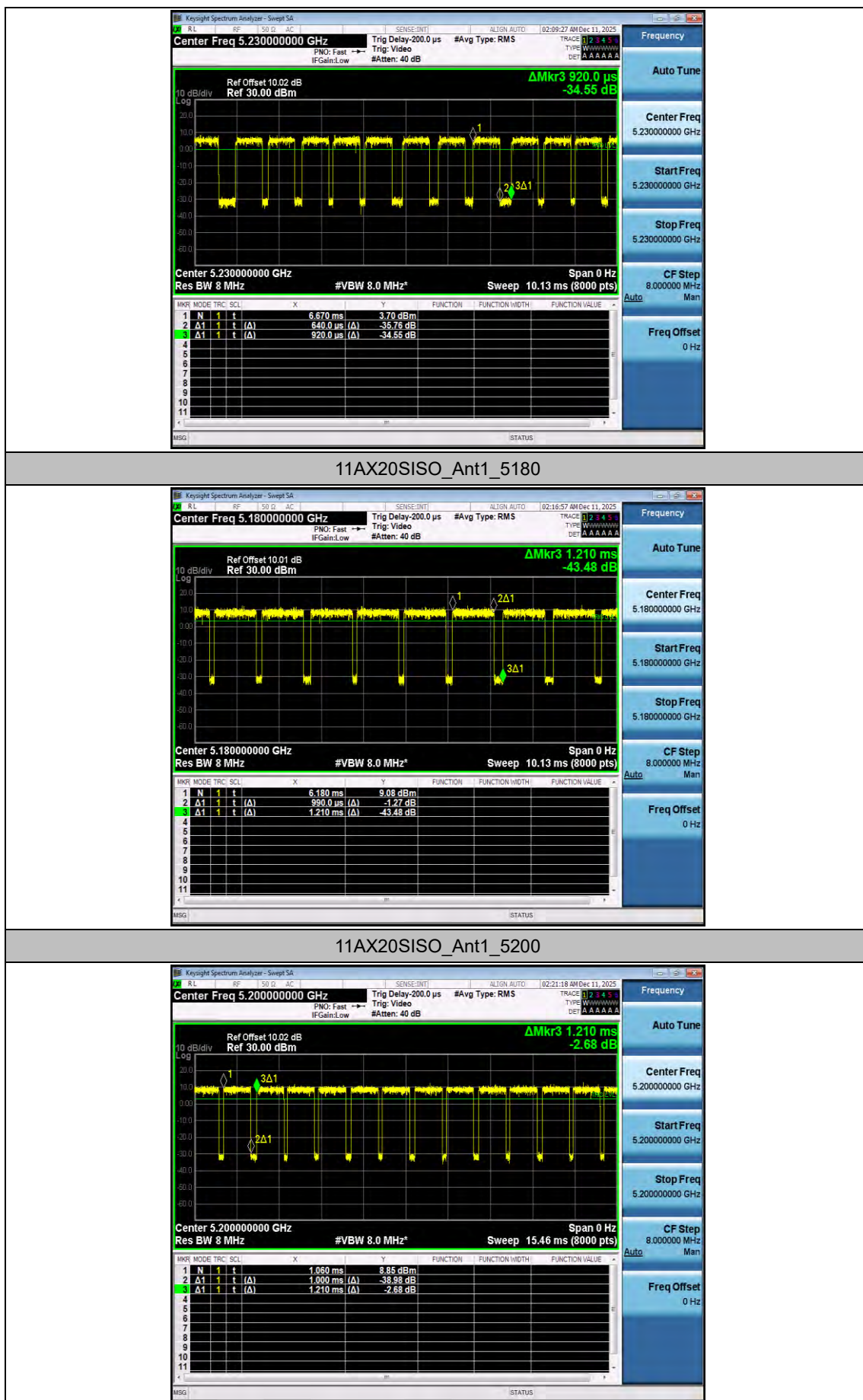
11AC20SISO\_Ant1\_5180

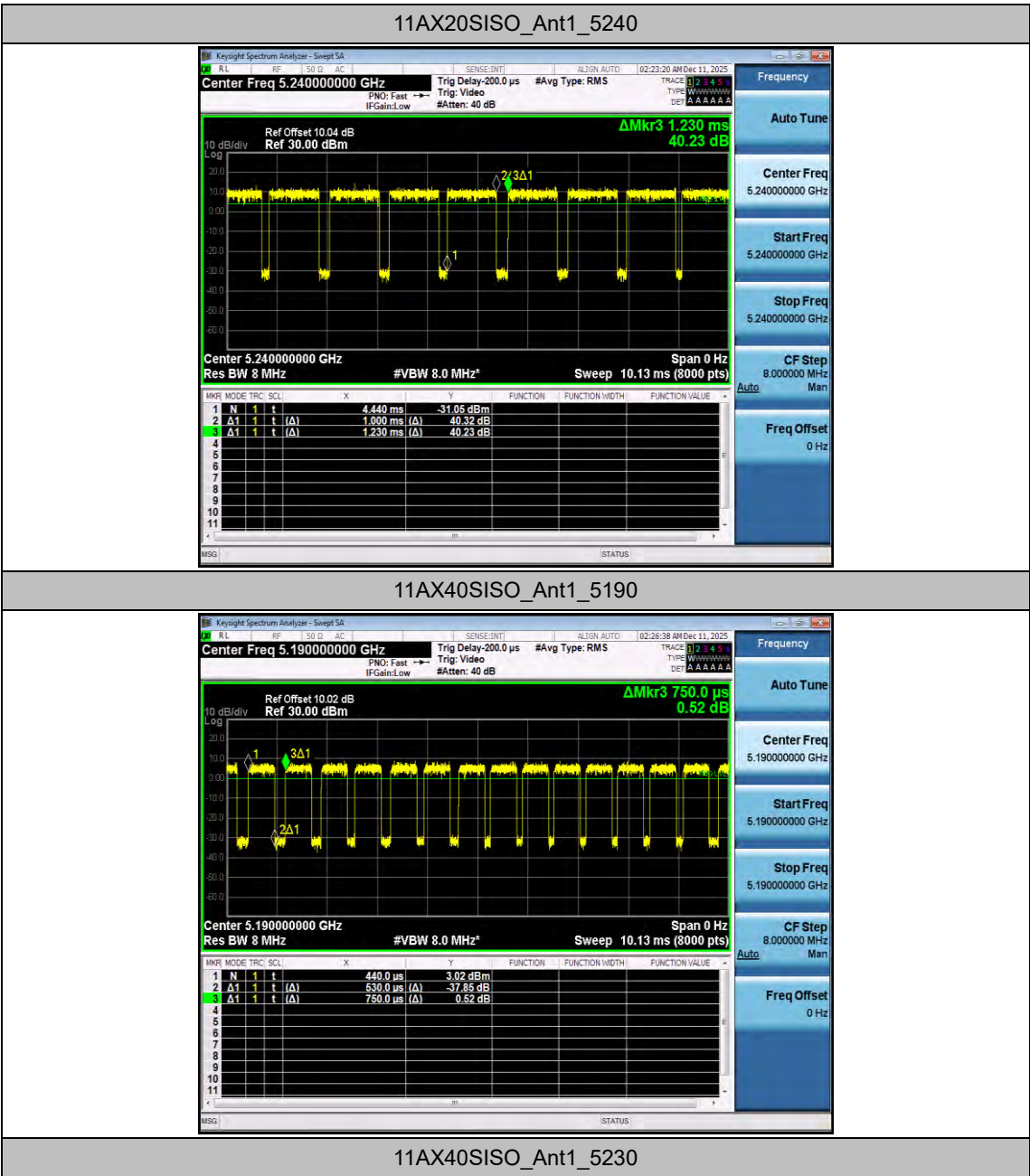


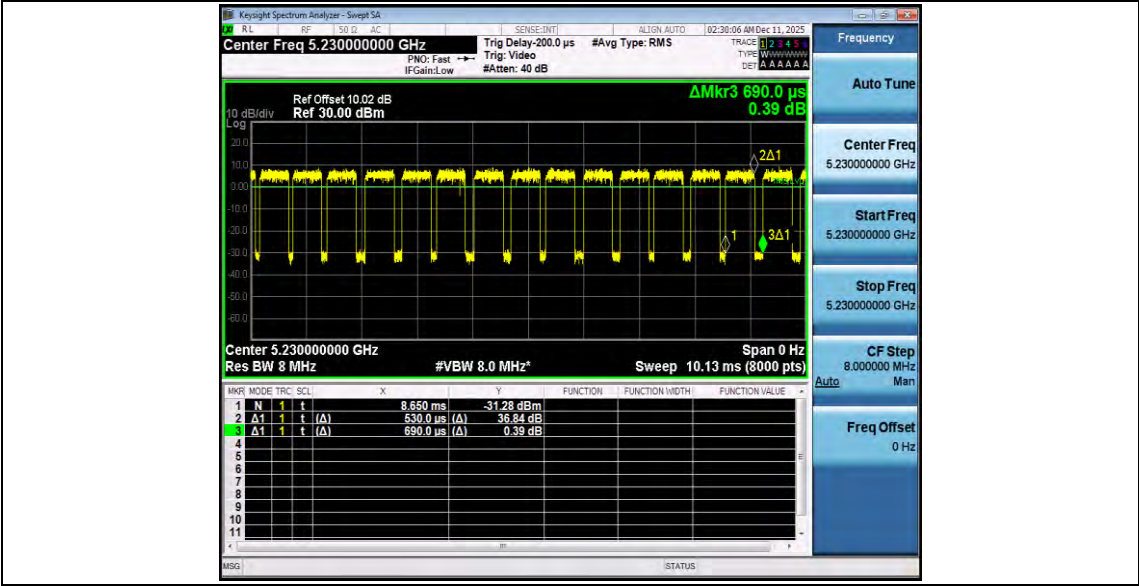
11AC20SISO\_Ant1\_5200











## Appendix D.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       | 11.60               | 86.62          | 0.62            | 12.22        | ≤23.98      | PASS    |
|                |         | 5200       | 11.26               | 90.13          | 0.45            | 11.71        | ≤23.98      | PASS    |
|                |         | 5240       | 11.23               | 86.62          | 0.62            | 11.85        | ≤23.98      | PASS    |
| 11N20SI<br>SO  | Ant1    | 5180       | 11.12               | 86.99          | 0.61            | 11.73        | ≤23.98      | PASS    |
|                |         | 5200       | 11.29               | 79.01          | 1.02            | 12.31        | ≤23.98      | PASS    |
|                |         | 5240       | 12.14               | 88.28          | 0.54            | 12.68        | ≤23.98      | PASS    |
| 11N40SI<br>SO  | Ant1    | 5190       | 10.22               | 67.74          | 1.69            | 11.91        | ≤23.98      | PASS    |
|                |         | 5230       | 11.49               | 72.41          | 1.40            | 12.89        | ≤23.98      | PASS    |
| 11AC20S<br>ISO | Ant1    | 5180       | 10.56               | 75.74          | 1.21            | 11.77        | ≤23.98      | PASS    |
|                |         | 5200       | 11.14               | 90.14          | 0.45            | 11.59        | ≤23.98      | PASS    |
|                |         | 5240       | 10.36               | 88.36          | 0.54            | 10.90        | ≤23.98      | PASS    |
| 11AC40S<br>ISO | Ant1    | 5190       | 11.19               | 73.56          | 1.33            | 12.52        | ≤23.98      | PASS    |
|                |         | 5230       | 11.04               | 69.57          | 1.58            | 12.62        | ≤23.98      | PASS    |
| 11AX20SI<br>SO | Ant1    | 5180       | 11.41               | 81.82          | 0.87            | 12.28        | ≤23.98      | PASS    |
|                |         | 5200       | 11.48               | 82.64          | 0.83            | 12.31        | ≤23.98      | PASS    |
|                |         | 5240       | 11.79               | 81.30          | 0.90            | 12.69        | ≤23.98      | PASS    |
| 11AX40SI<br>SO | Ant1    | 5190       | 10.50               | 70.67          | 1.51            | 12.01        | ≤23.98      | PASS    |
|                |         | 5230       | 10.90               | 76.81          | 1.15            | 12.05        | ≤23.98      | PASS    |

## Appendix D.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5180      | 1.29             | ≤11.00         | PASS    |
|            |         | 5200      | 0.95             | ≤11.00         | PASS    |
|            |         | 5240      | 1.50             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5180      | 0.69             | ≤11.00         | PASS    |
|            |         | 5200      | 1.21             | ≤11.00         | PASS    |
|            |         | 5240      | 1.56             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5190      | -1.60            | ≤11.00         | PASS    |
|            |         | 5230      | -0.84            | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5180      | 1.76             | ≤11.00         | PASS    |
|            |         | 5200      | 0.60             | ≤11.00         | PASS    |
|            |         | 5240      | 1.56             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5190      | -1.54            | ≤11.00         | PASS    |
|            |         | 5230      | -1.22            | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5180      | 0.88             | ≤11.00         | PASS    |
|            |         | 5200      | 1.12             | ≤11.00         | PASS    |
|            |         | 5240      | 1.59             | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5190      | -2.12            | ≤11.00         | PASS    |
|            |         | 5230      | -1.94            | ≤11.00         | PASS    |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs

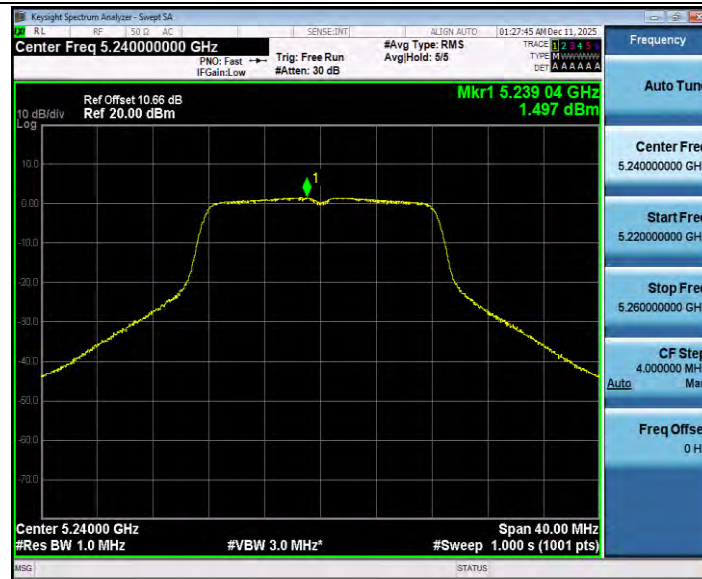
11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240

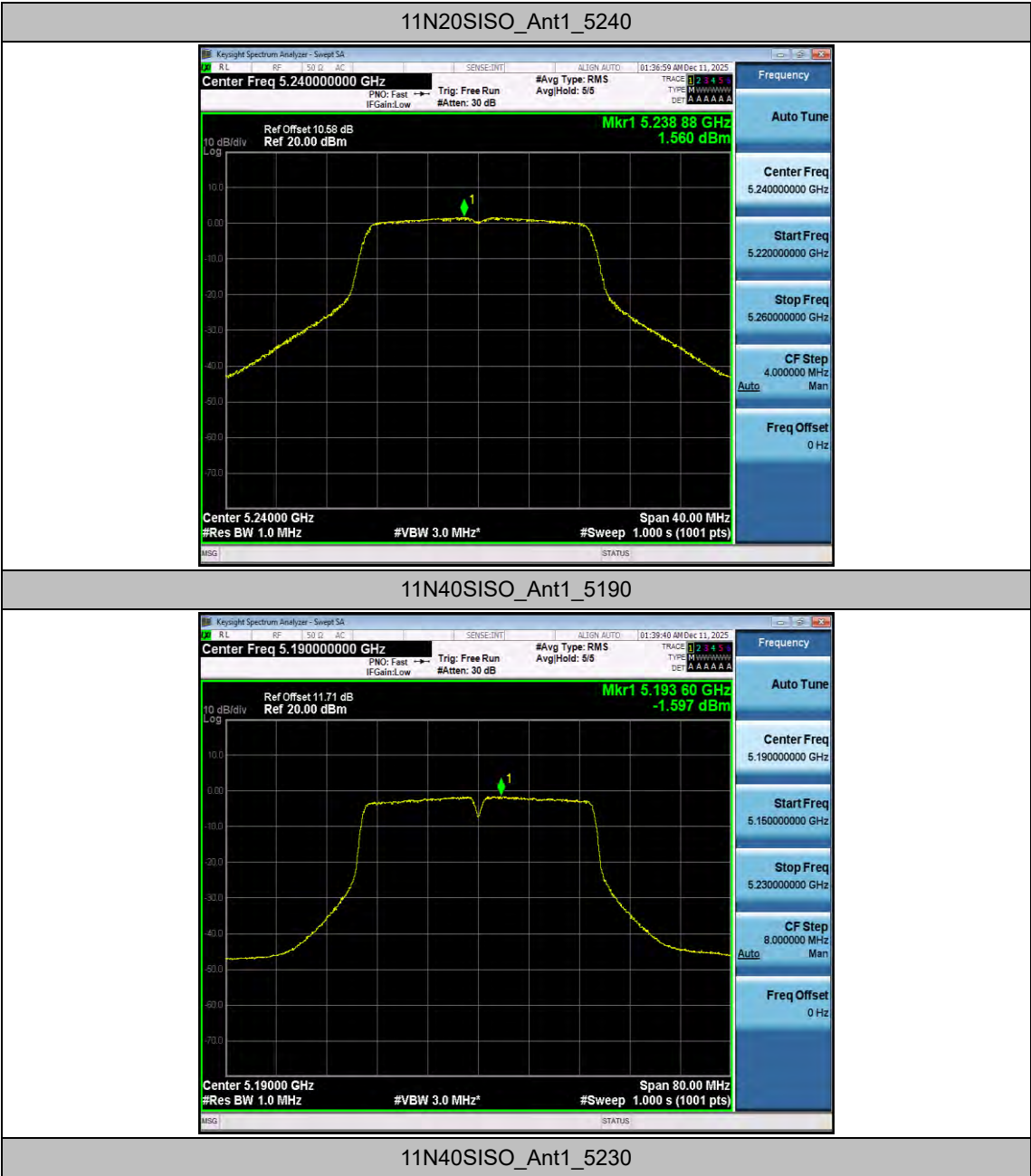


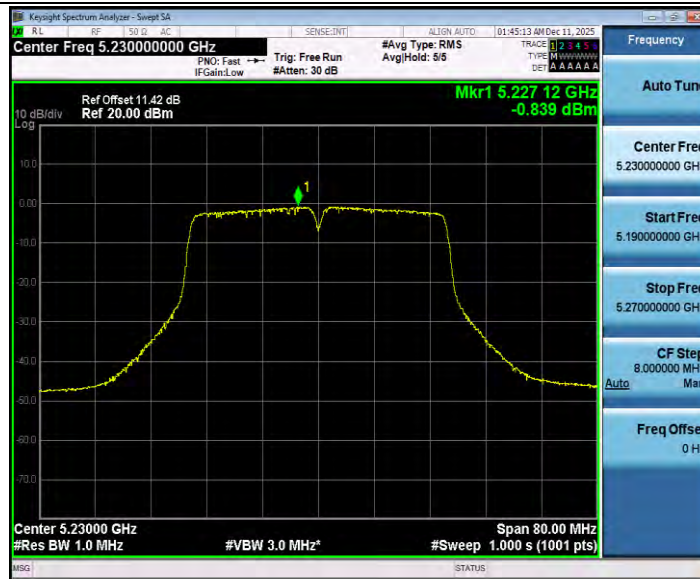
11N20SISO\_Ant1\_5180



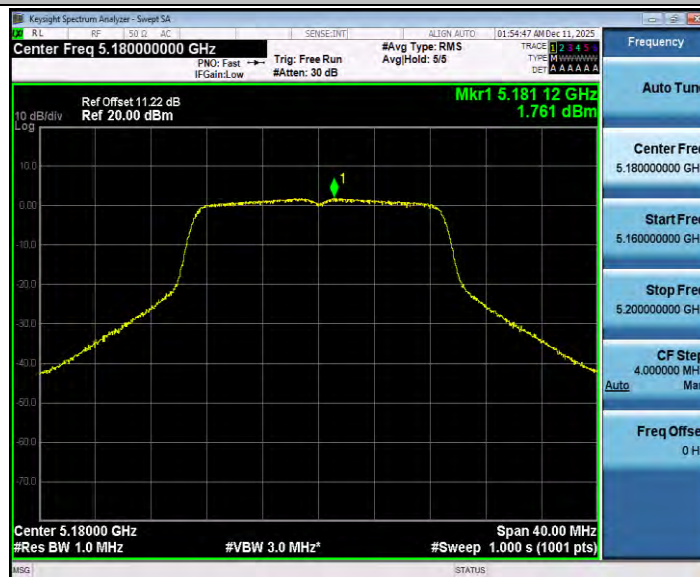
11N20SISO\_Ant1\_5200







11AC20SISO\_Ant1\_5180



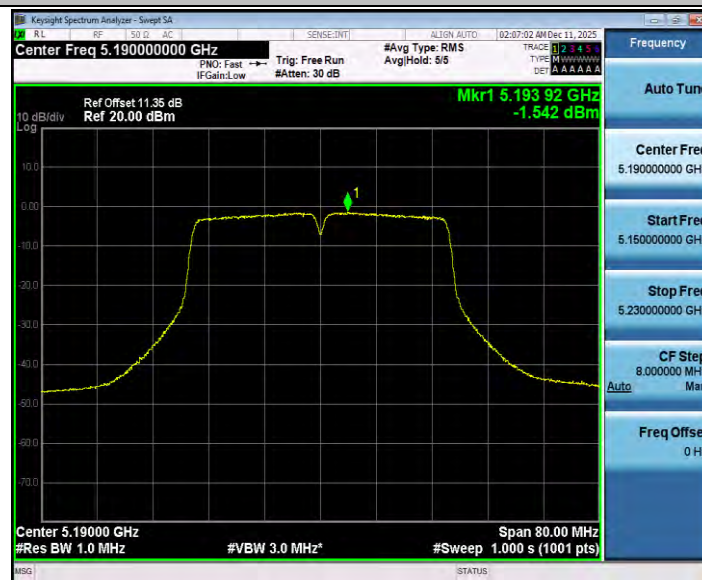
11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



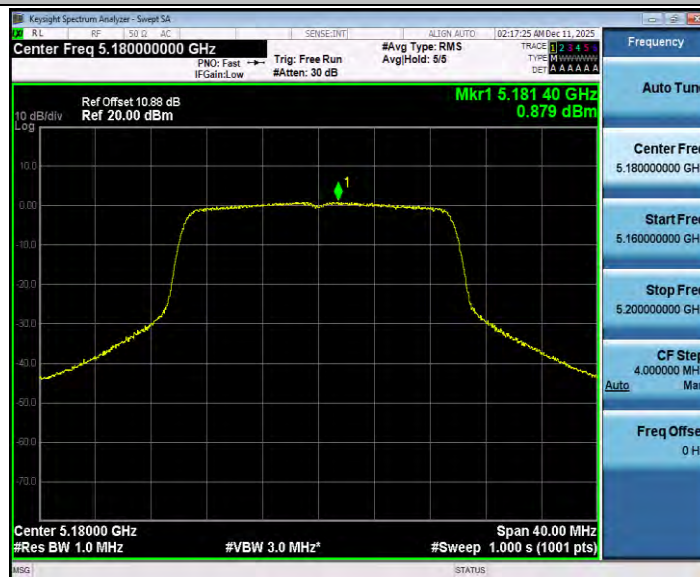
11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



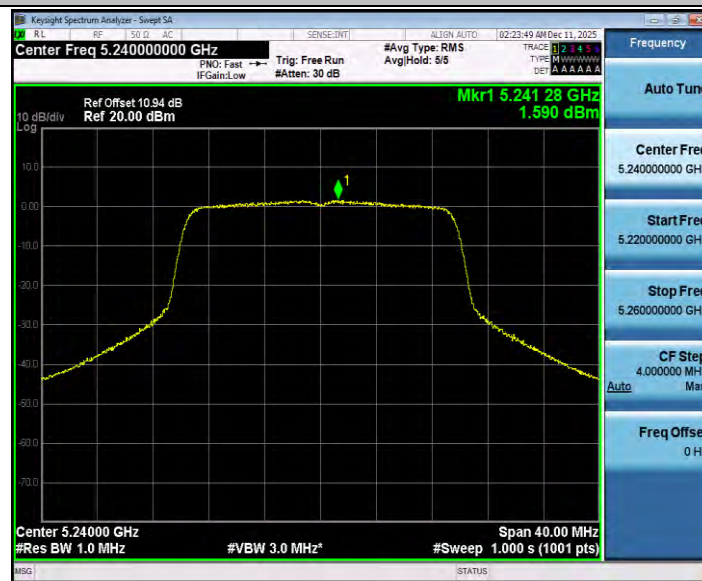
11AX20SISO\_Ant1\_5180



11AX20SISO\_Ant1\_5200



11AX20SISO\_Ant1\_5240



11AX40SISO\_Ant1\_5190



11AX40SISO\_Ant1\_5230

