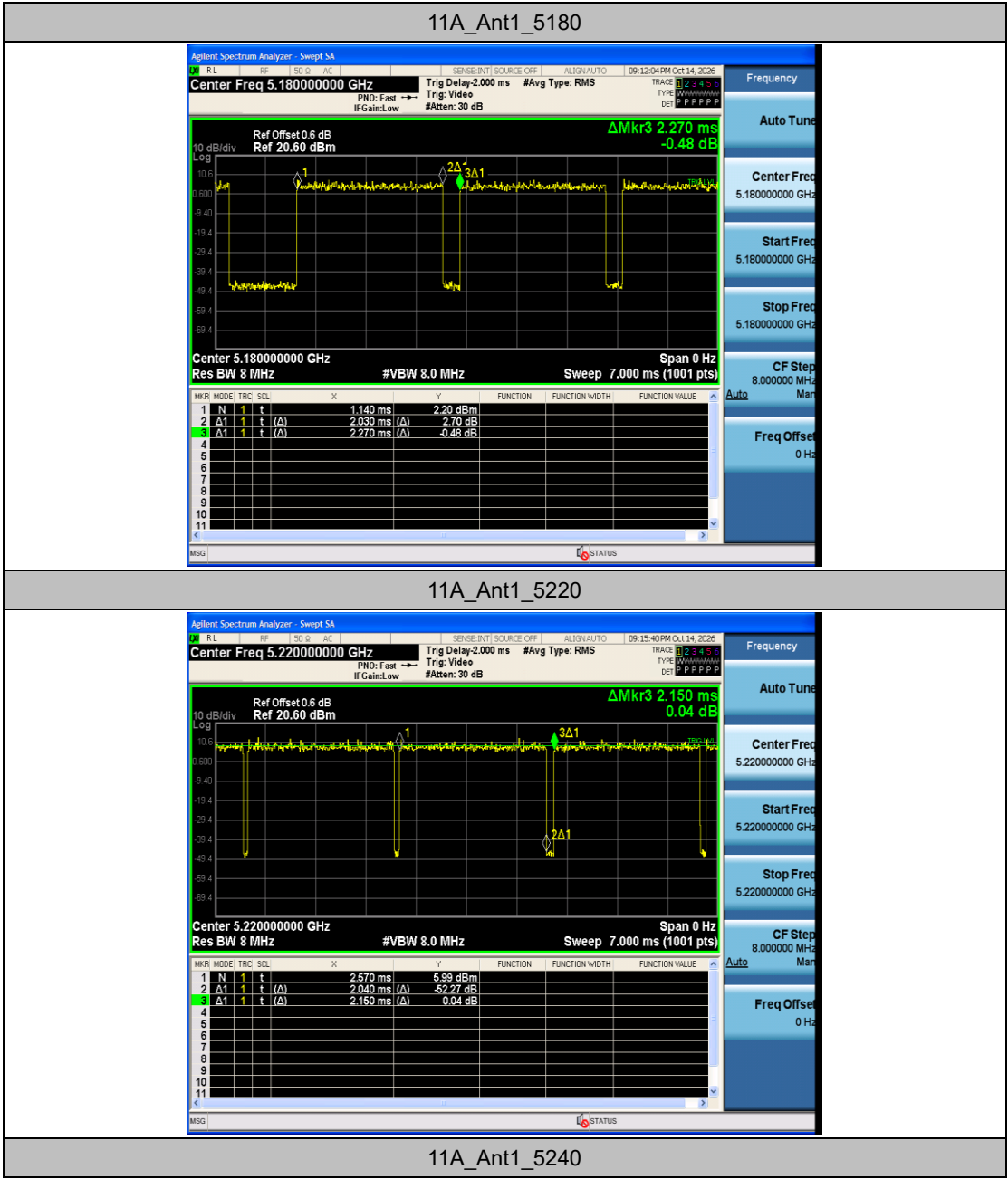
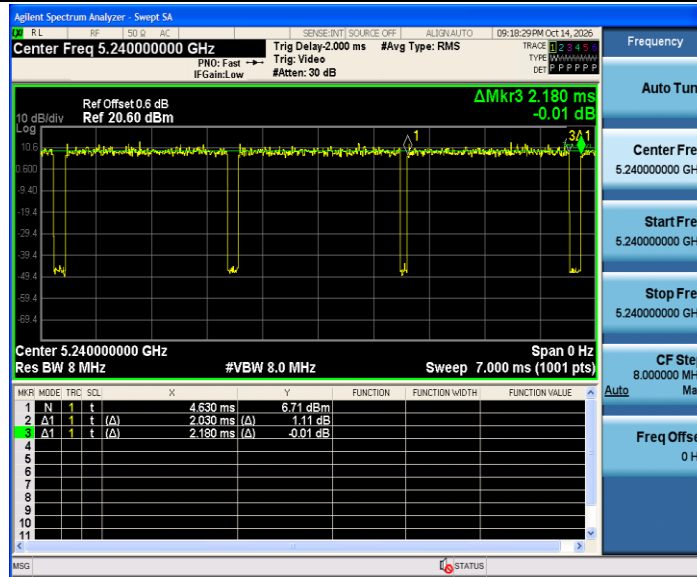
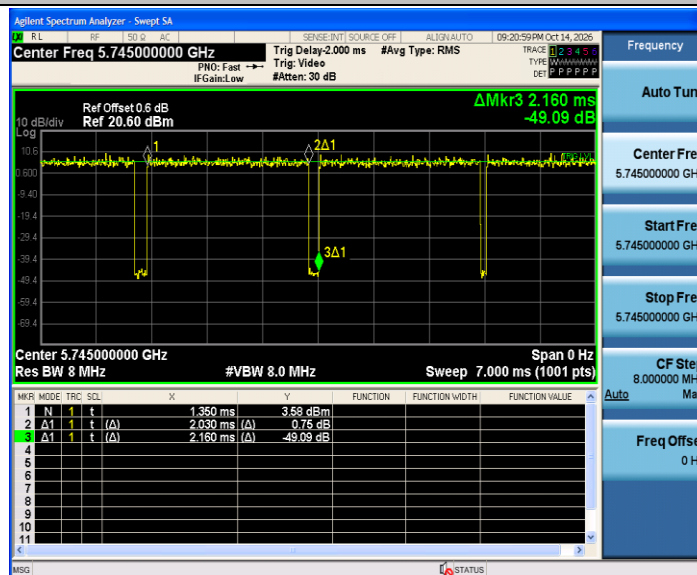


Test Graphs

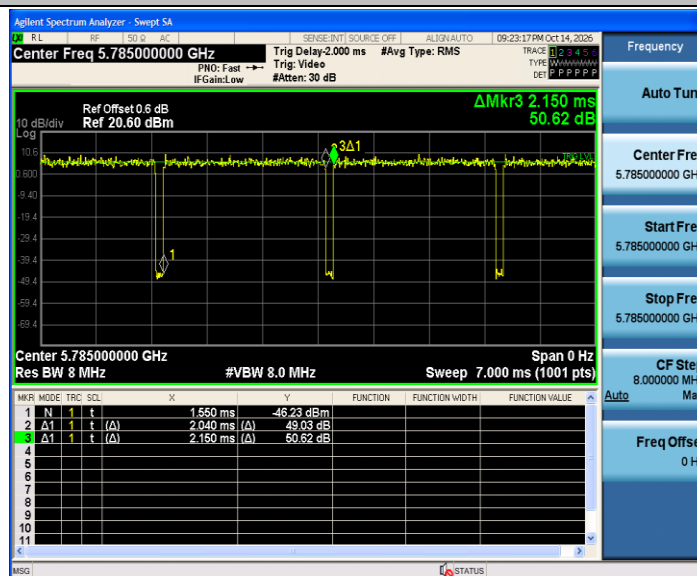




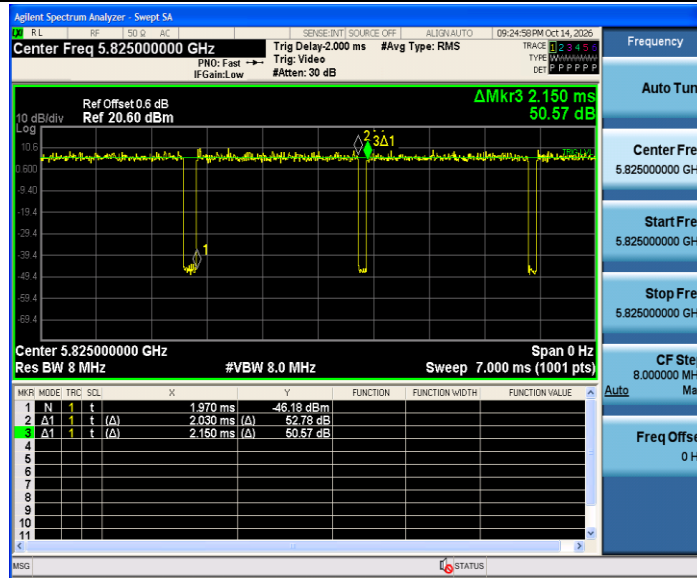
11A\_Ant1\_5745



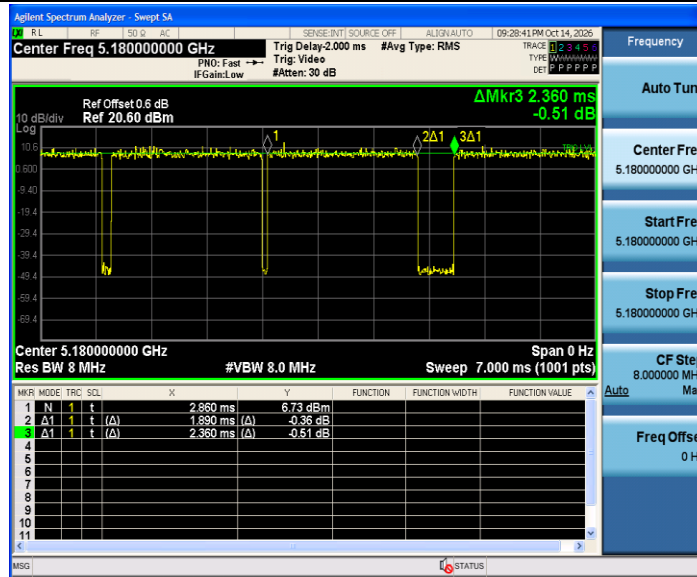
11A\_Ant1\_5785



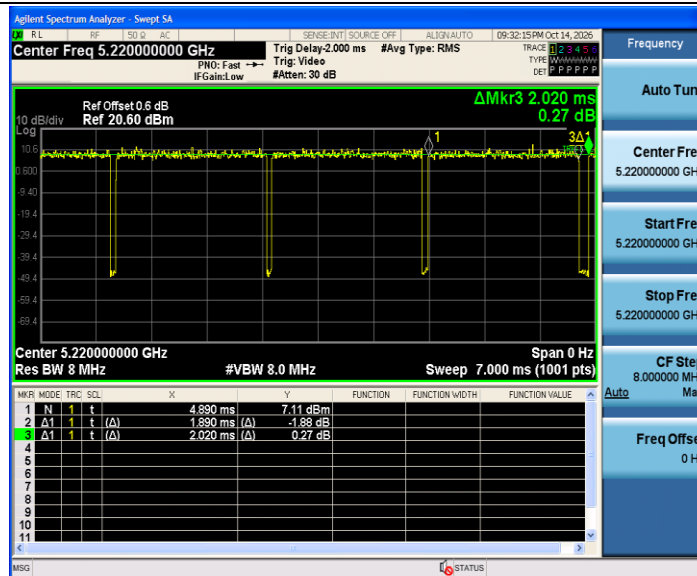
# 11A\_Ant1\_5825



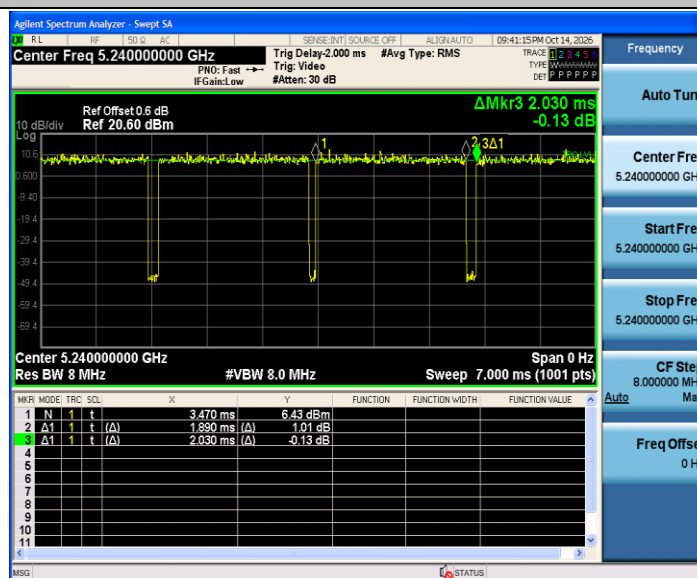
# 11N20SISO\_Ant1\_5180



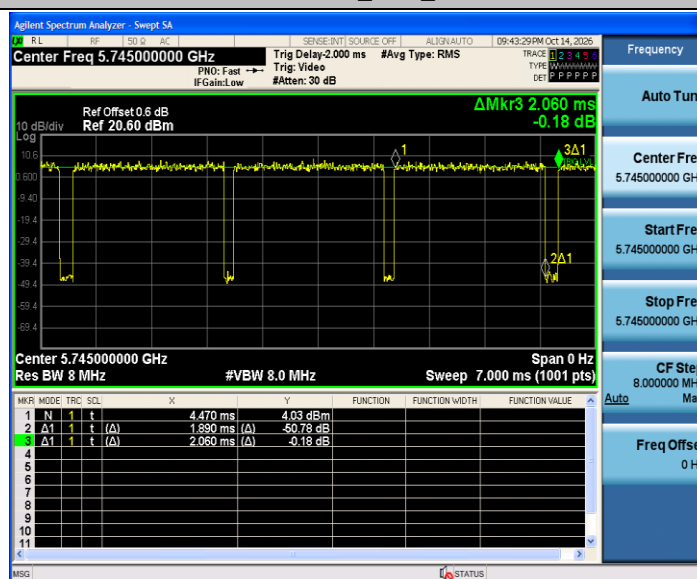
# 11N20SISO\_Ant1\_5220



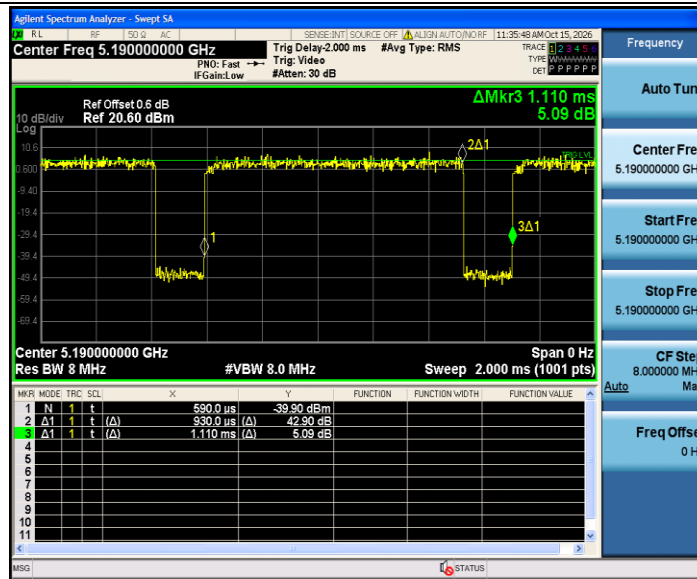
11N20SISO\_Ant1\_5240



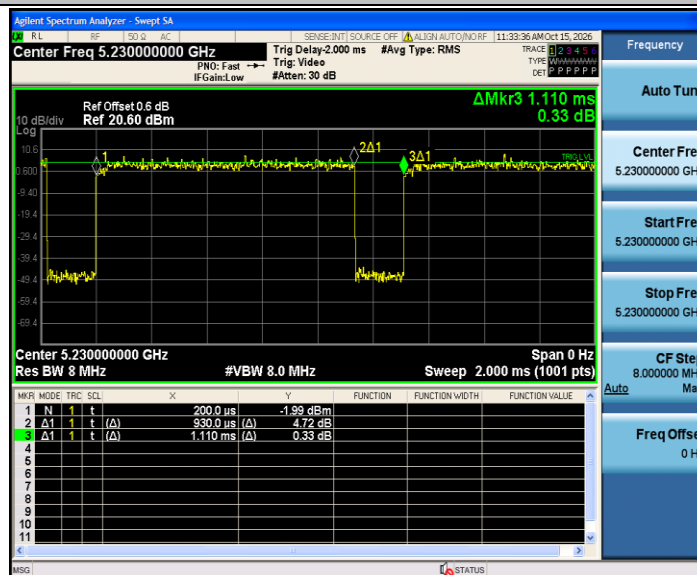
11N20SISO\_Ant1\_5745



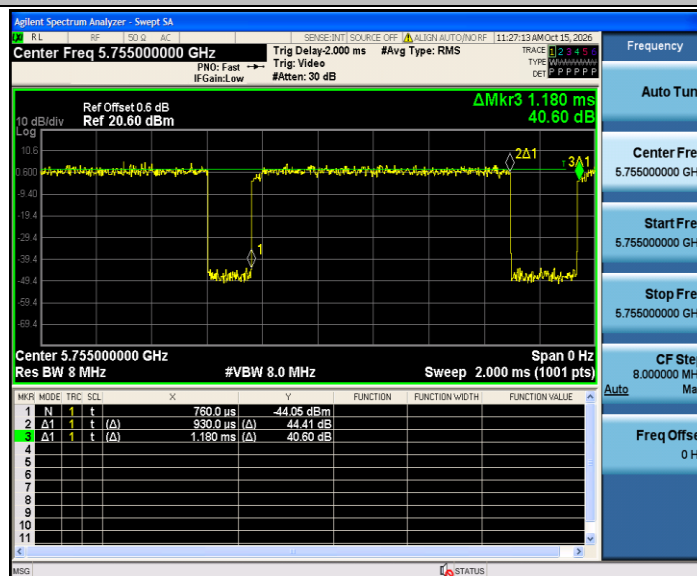




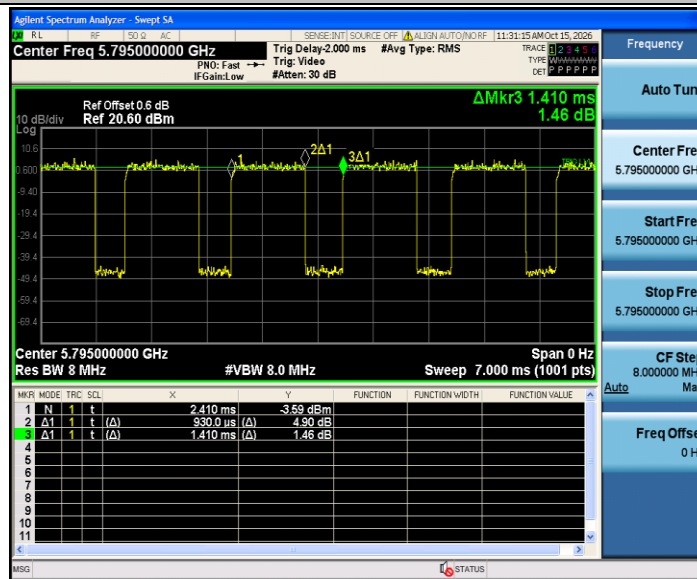
11N40SISO\_Ant1\_5230



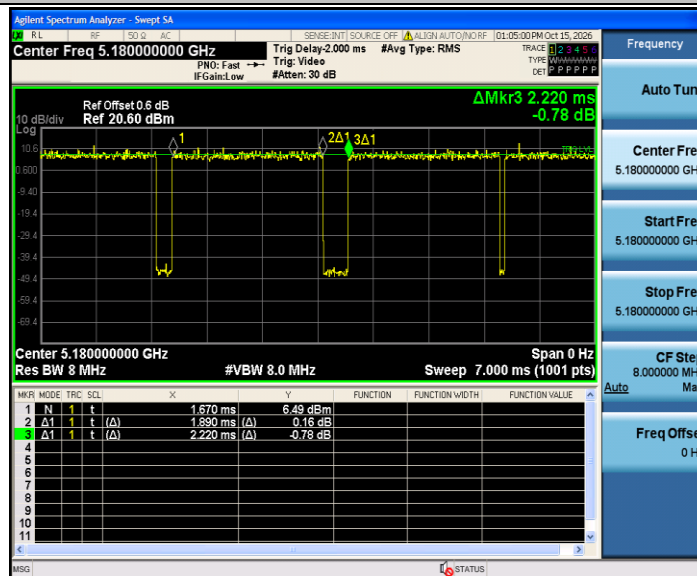
11N40SISO\_Ant1\_5755



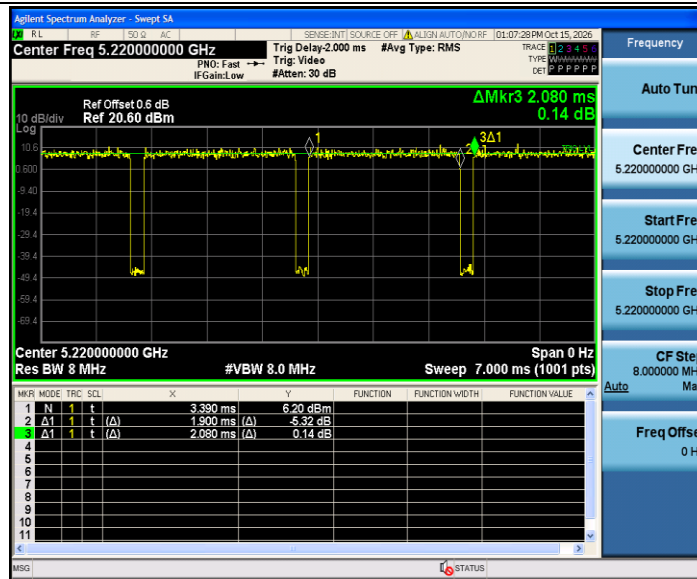
# 11N40SISO\_Ant1\_5795



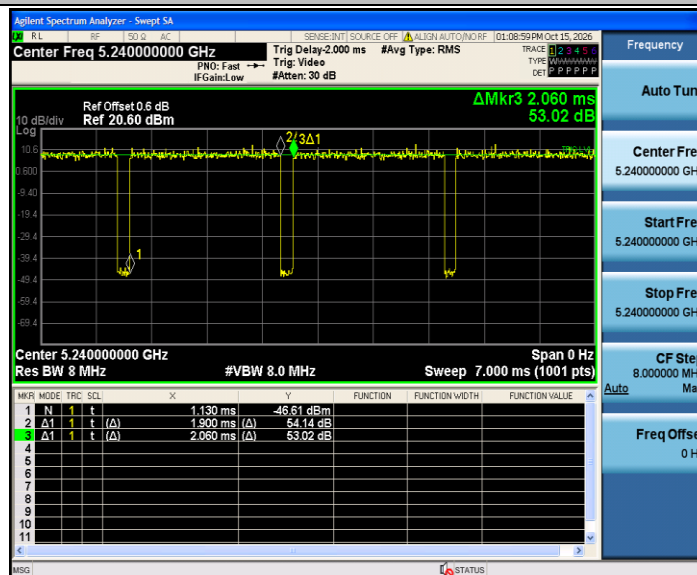
# 11AC20SISO\_Ant1\_5180



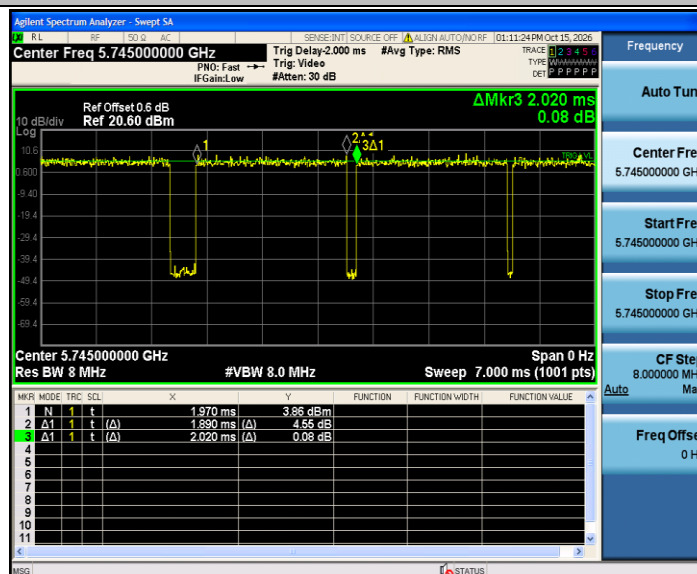
# 11AC20SISO\_Ant1\_5220



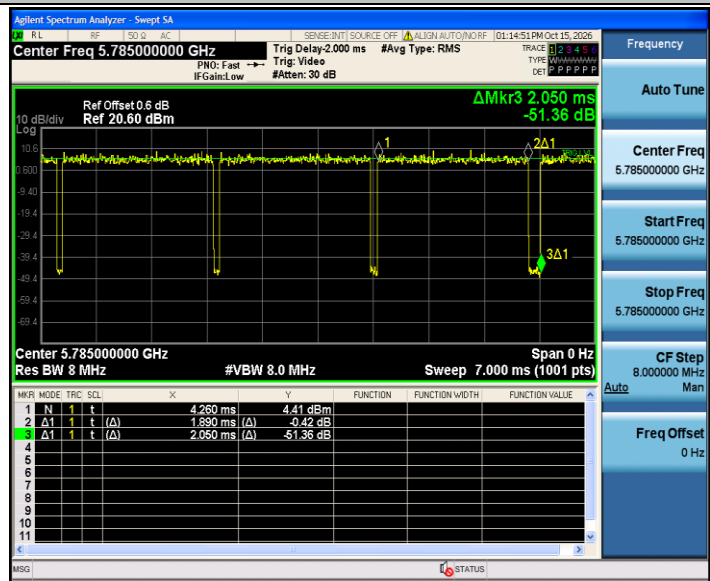
11AC20SISO\_Ant1\_5240



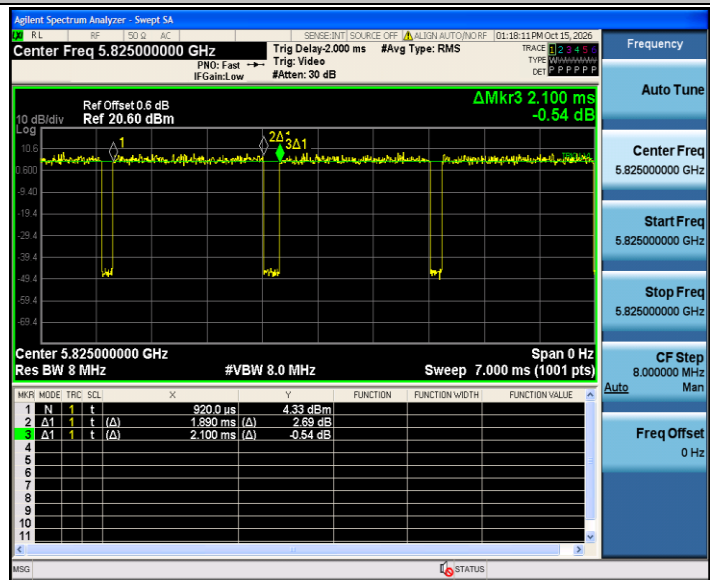
11AC20SISO\_Ant1\_5745



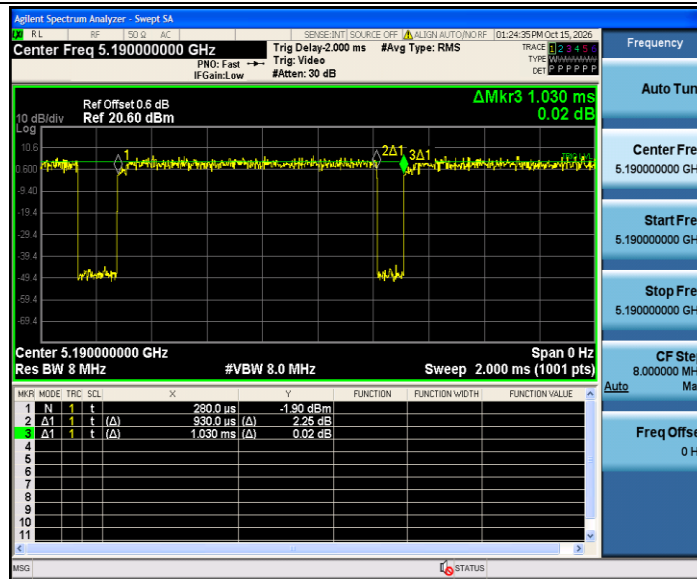
11AC20SISO\_Ant1\_5785



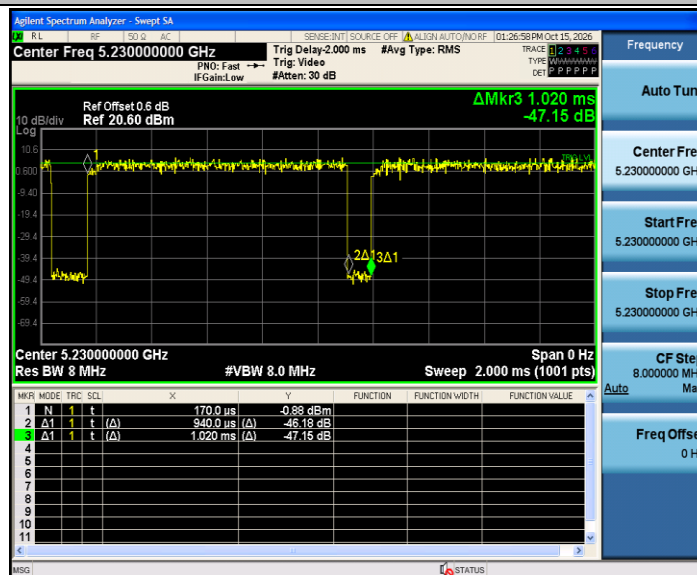
11AC20SISO\_Ant1\_5825



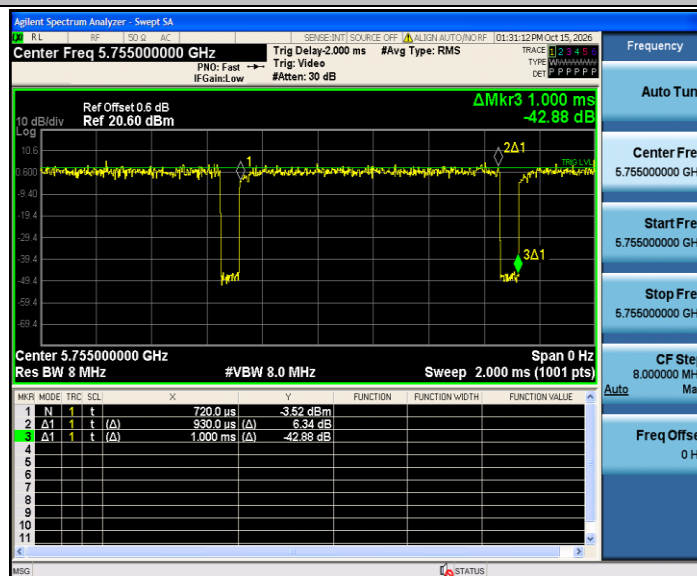
11AC40SISO\_Ant1\_5190



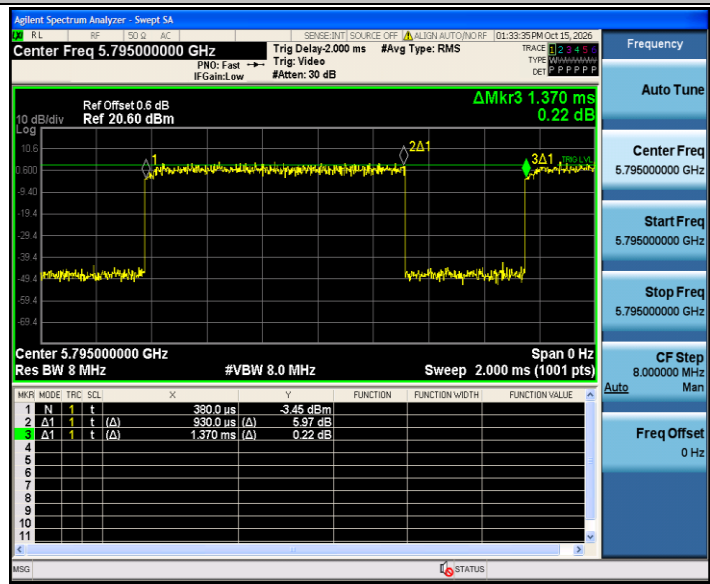
11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



## Appendix C: Maximum conducted output power

### Test Result

| Test Mode  | Antenna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | 5180      | 0.41                | 89.43          | 0.49            | 0.90         | ≤23.98      | PASS    |
|            |         | 5220      | 4.26                | 94.88          | 0.23            | 4.49         | ≤23.98      | PASS    |
|            |         | 5240      | 4.77                | 93.12          | 0.31            | 5.08         | ≤23.98      | PASS    |
|            |         | 5745      | 2.02                | 93.98          | 0.27            | 2.29         | ≤30.00      | PASS    |
|            |         | 5785      | 2.51                | 94.88          | 0.23            | 2.74         | ≤30.00      | PASS    |
|            |         | 5825      | 2.58                | 94.42          | 0.25            | 2.83         | ≤30.00      | PASS    |
| 11N20SISO  | Ant1    | 5180      | 3.90                | 80.08          | 0.96            | 4.86         | ≤23.98      | PASS    |
|            |         | 5220      | 4.65                | 93.56          | 0.29            | 4.94         | ≤23.98      | PASS    |
|            |         | 5240      | 4.56                | 93.10          | 0.31            | 4.87         | ≤23.98      | PASS    |
|            |         | 5745      | 2.11                | 91.75          | 0.37            | 2.48         | ≤30.00      | PASS    |
|            |         | 5785      | 2.41                | 89.62          | 0.48            | 2.89         | ≤30.00      | PASS    |
|            |         | 5825      | 2.47                | 96.43          | 0.16            | 2.63         | ≤30.00      | PASS    |
| 11N40SISO  | Ant1    | 5190      | 3.81                | 83.78          | 0.77            | 4.58         | ≤23.98      | PASS    |
|            |         | 5230      | 3.97                | 83.78          | 0.77            | 4.74         | ≤23.98      | PASS    |
|            |         | 5755      | 2.02                | 78.81          | 1.03            | 3.05         | ≤30.00      | PASS    |
|            |         | 5795      | 2.25                | 65.96          | 1.81            | 4.06         | ≤30.00      | PASS    |
| 11AC20SISO | Ant1    | 5180      | 3.79                | 85.14          | 0.70            | 4.49         | ≤23.98      | PASS    |
|            |         | 5220      | 4.27                | 91.35          | 0.39            | 4.66         | ≤23.98      | PASS    |
|            |         | 5240      | 4.74                | 92.23          | 0.35            | 5.09         | ≤23.98      | PASS    |
|            |         | 5745      | 2.24                | 93.56          | 0.29            | 2.53         | ≤30.00      | PASS    |
|            |         | 5785      | 2.59                | 92.20          | 0.35            | 2.94         | ≤30.00      | PASS    |
|            |         | 5825      | 2.52                | 90.00          | 0.46            | 2.98         | ≤30.00      | PASS    |
| 11AC40SISO | Ant1    | 5190      | 3.68                | 90.29          | 0.44            | 4.12         | ≤23.98      | PASS    |
|            |         | 5230      | 3.78                | 92.16          | 0.35            | 4.13         | ≤23.98      | PASS    |
|            |         | 5755      | 2.14                | 93.00          | 0.32            | 2.46         | ≤30.00      | PASS    |
|            |         | 5795      | 2.26                | 67.88          | 1.68            | 3.94         | ≤30.00      | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

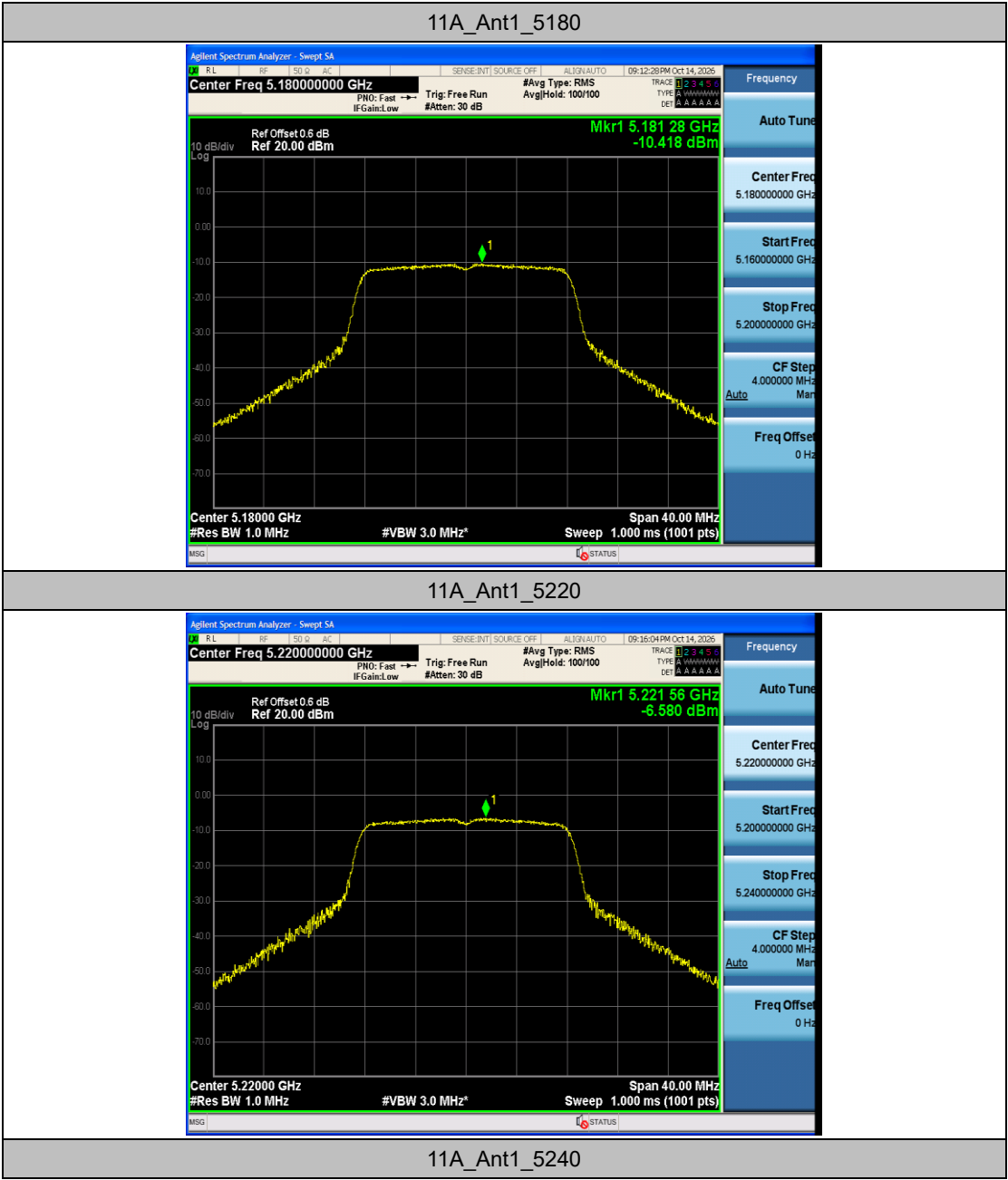
| TestMode   | Antenna | Freq(MHz) | RawData<br>[dBm/MHz] | DC<br>Factor<br>[dBm] | RBW<br>Factor<br>[dBm] | Result<br>[dBm/MHz] | Limit<br>[dBm/MHz] | Verdict |
|------------|---------|-----------|----------------------|-----------------------|------------------------|---------------------|--------------------|---------|
| 11A        | Ant1    | 5180      | -10.42               | 0.49                  | 0.00                   | -9.93               | ≤11.00             | PASS    |
|            |         | 5220      | -6.58                | 0.23                  | 0.00                   | -6.35               | ≤11.00             | PASS    |
|            |         | 5240      | -6.14                | 0.31                  | 0.00                   | -5.83               | ≤11.00             | PASS    |
|            |         | 5745      | -14.09               | 0.27                  | 2.22                   | -11.60              | ≤30.00             | PASS    |
|            |         | 5785      | -13.76               | 0.23                  | 2.22                   | -11.31              | ≤30.00             | PASS    |
|            |         | 5825      | -13.77               | 0.25                  | 2.22                   | -11.30              | ≤30.00             | PASS    |
| 11N20SISO  | Ant1    | 5180      | -7.2                 | 0.96                  | 0.00                   | -6.24               | ≤11.00             | PASS    |
|            |         | 5220      | -6.14                | 0.29                  | 0.00                   | -5.85               | ≤11.00             | PASS    |
|            |         | 5240      | -6.28                | 0.31                  | 0.00                   | -5.97               | ≤11.00             | PASS    |
|            |         | 5745      | -14.32               | 0.37                  | 2.22                   | -11.73              | ≤30.00             | PASS    |
|            |         | 5785      | -14.24               | 0.48                  | 2.22                   | -11.54              | ≤30.00             | PASS    |
|            |         | 5825      | -14.14               | 0.16                  | 2.22                   | -11.76              | ≤30.00             | PASS    |
| 11N40SISO  | Ant1    | 5190      | -10.04               | 0.77                  | 0.00                   | -9.27               | ≤11.00             | PASS    |
|            |         | 5230      | -10.13               | 0.77                  | 0.00                   | -9.36               | ≤11.00             | PASS    |
|            |         | 5755      | -17.45               | 1.03                  | 2.22                   | -14.20              | ≤30.00             | PASS    |
|            |         | 5795      | -18.08               | 1.81                  | 2.22                   | -14.05              | ≤30.00             | PASS    |
| 11AC20SISO | Ant1    | 5180      | -7.22                | 0.70                  | 0.00                   | -6.52               | ≤11.00             | PASS    |
|            |         | 5220      | -6.63                | 0.39                  | 0.00                   | -6.24               | ≤11.00             | PASS    |
|            |         | 5240      | -6.2                 | 0.35                  | 0.00                   | -5.85               | ≤11.00             | PASS    |
|            |         | 5745      | -14.33               | 0.29                  | 2.22                   | -11.82              | ≤30.00             | PASS    |
|            |         | 5785      | -14.1                | 0.35                  | 2.22                   | -11.53              | ≤30.00             | PASS    |
|            |         | 5825      | -14.14               | 0.46                  | 2.22                   | -11.46              | ≤30.00             | PASS    |
| 11AC40SISO | Ant1    | 5190      | -10.41               | 0.44                  | 0.00                   | -9.97               | ≤11.00             | PASS    |
|            |         | 5230      | -10.18               | 0.35                  | 0.00                   | -9.83               | ≤11.00             | PASS    |
|            |         | 5755      | -17.56               | 0.32                  | 2.22                   | -15.02              | ≤30.00             | PASS    |
|            |         | 5795      | -17.42               | 1.68                  | 2.22                   | -13.52              | ≤30.00             | PASS    |

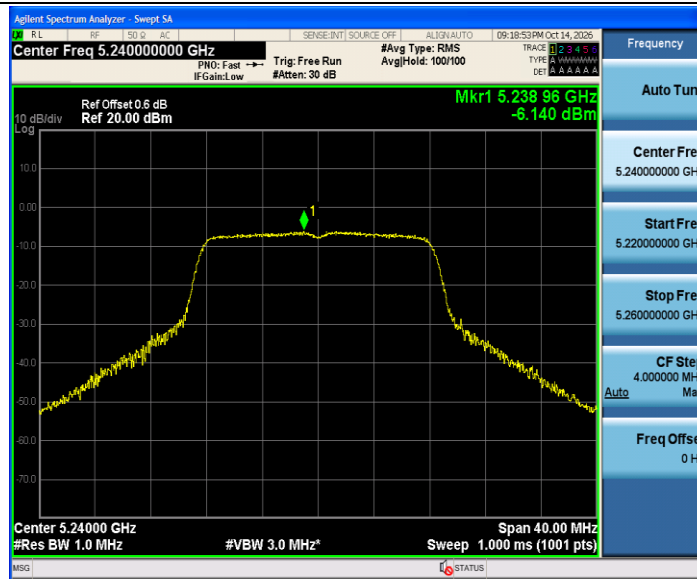
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.

P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz).

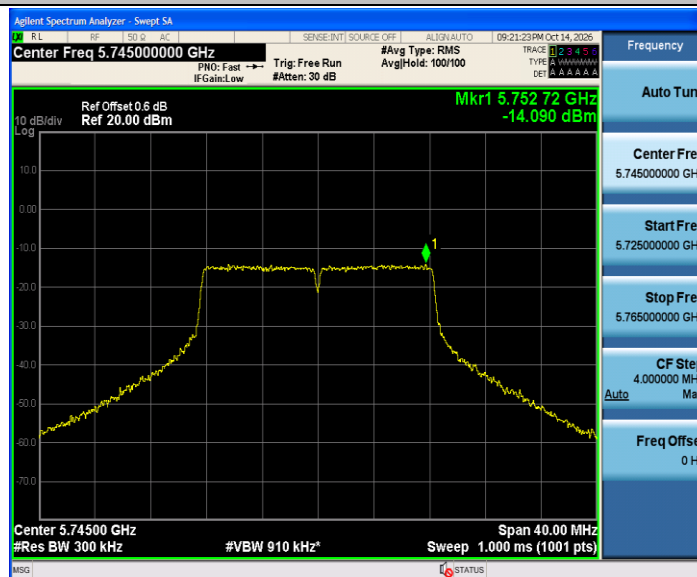
2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

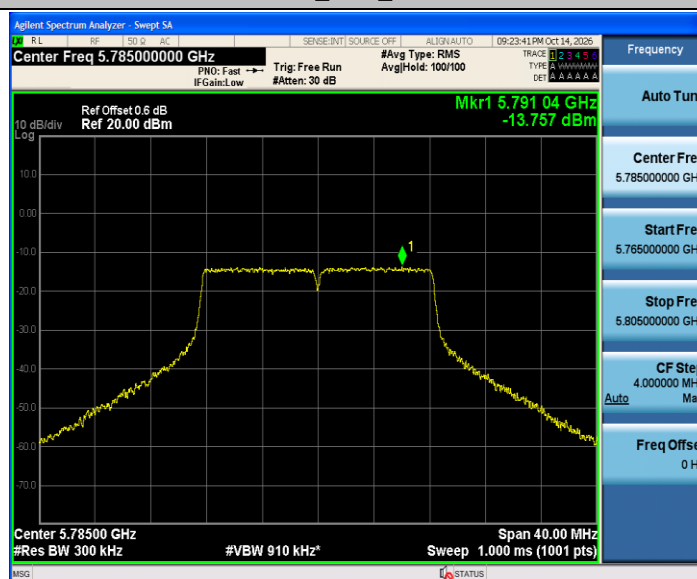




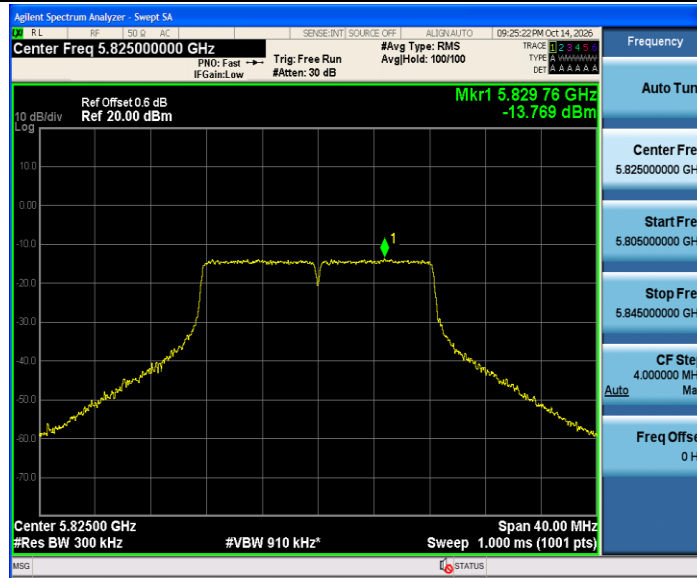
11A\_Ant1\_5745



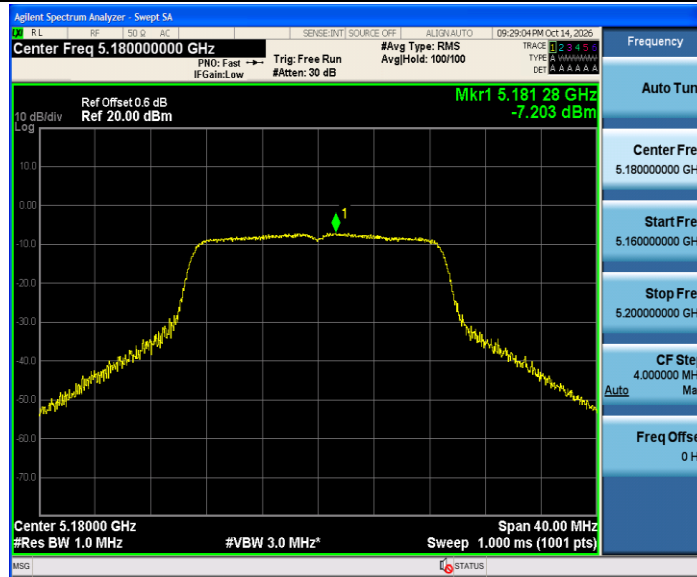
11A\_Ant1\_5785



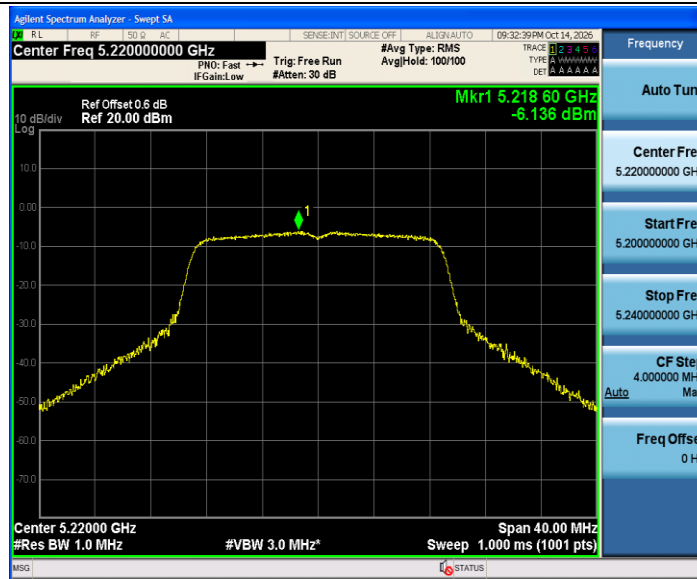
# 11A\_Ant1\_5825



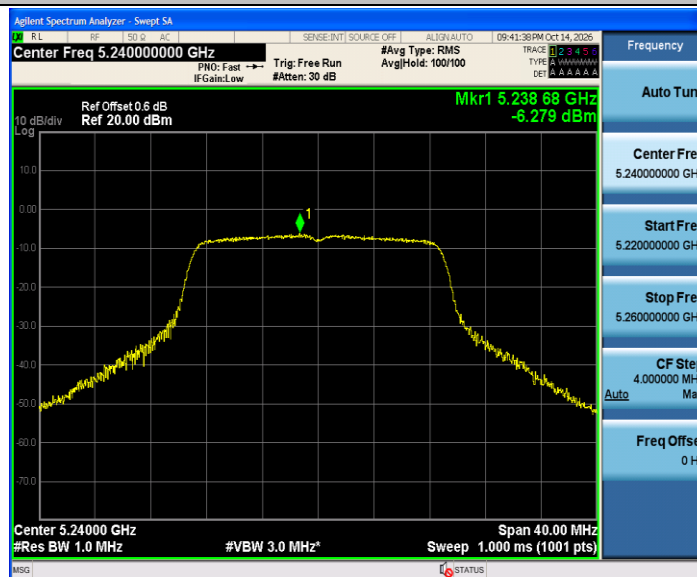
# 11N20SISO\_Ant1\_5180



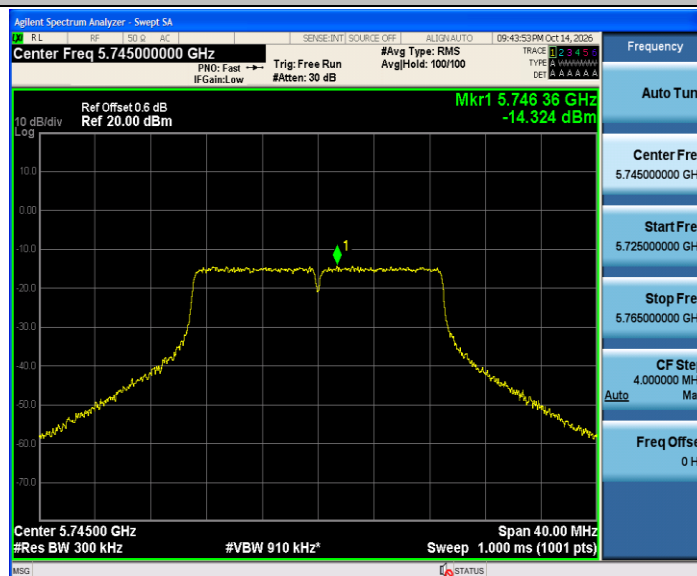
# 11N20SISO\_Ant1\_5220



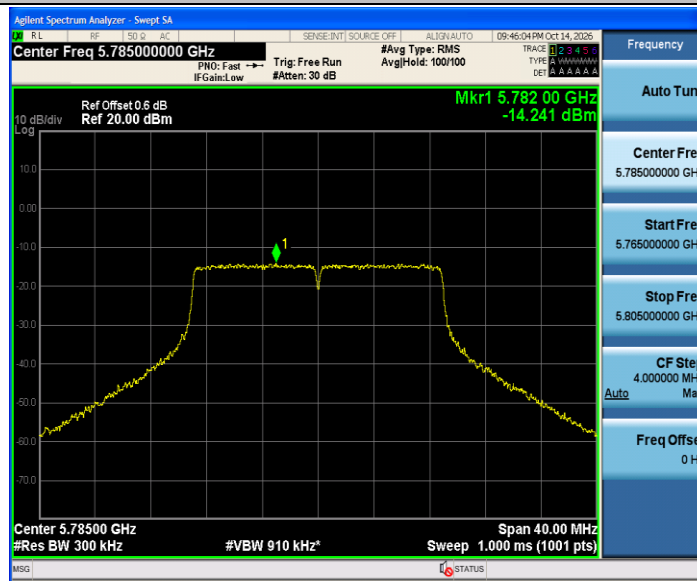
11N20SISO\_Ant1\_5240



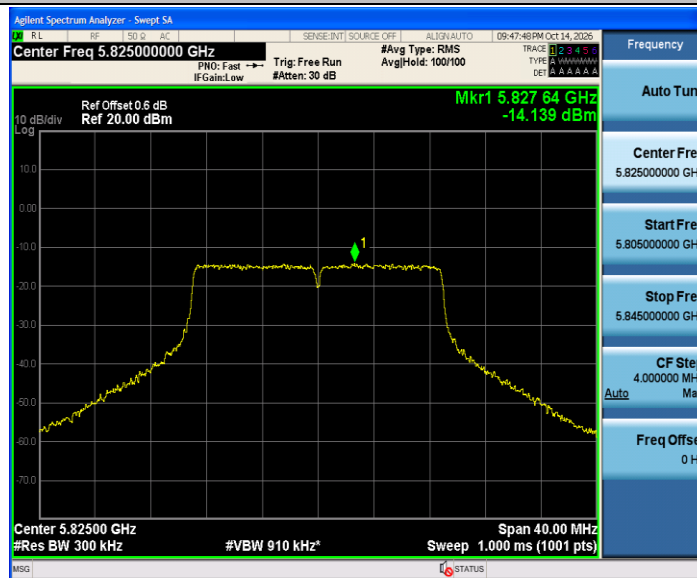
11N20SISO\_Ant1\_5745



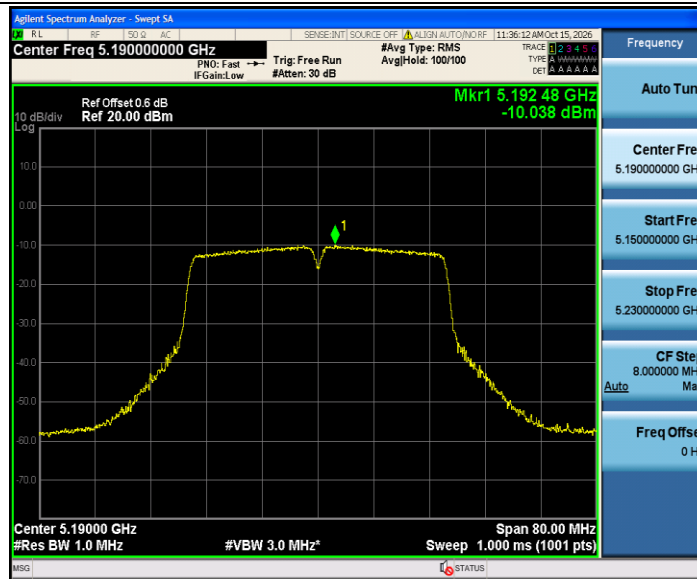
# 11N20SISO\_Ant1\_5785



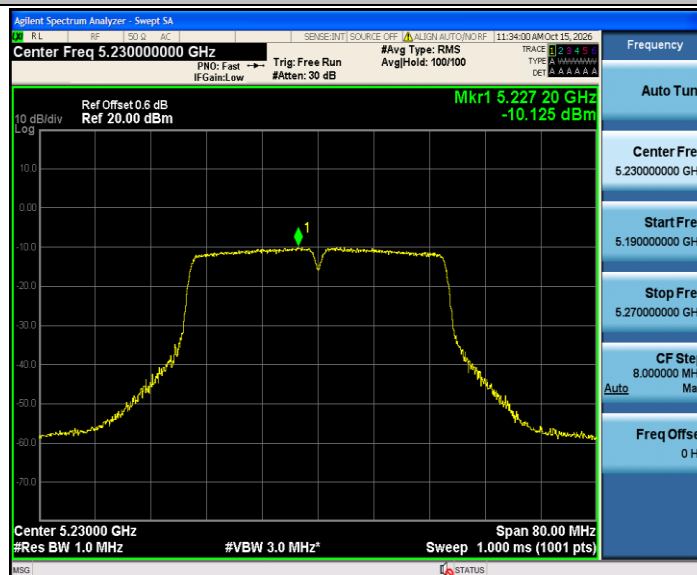
# 11N20SISO\_Ant1\_5825



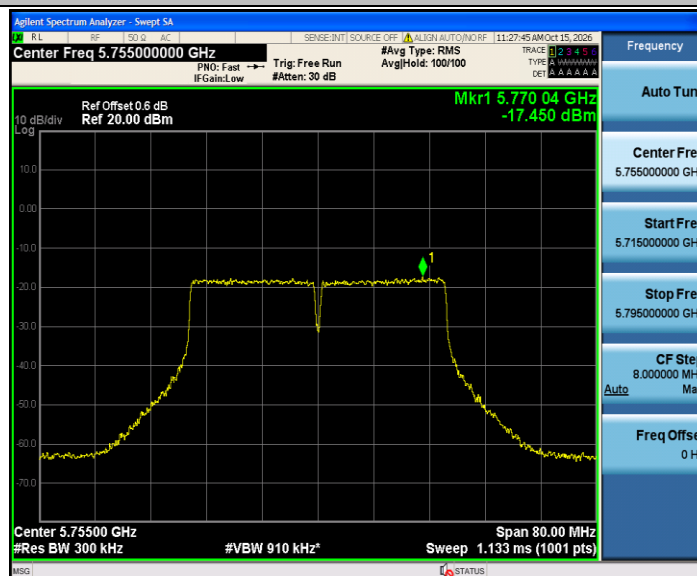
# 11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



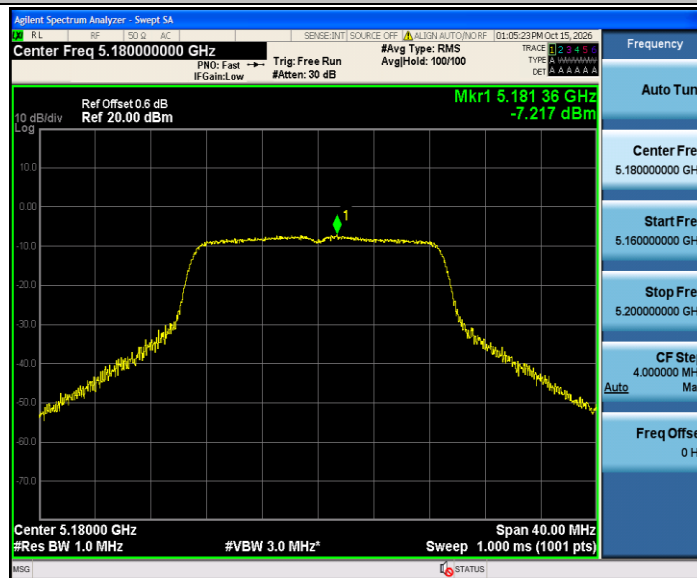
11N40SISO\_Ant1\_5755



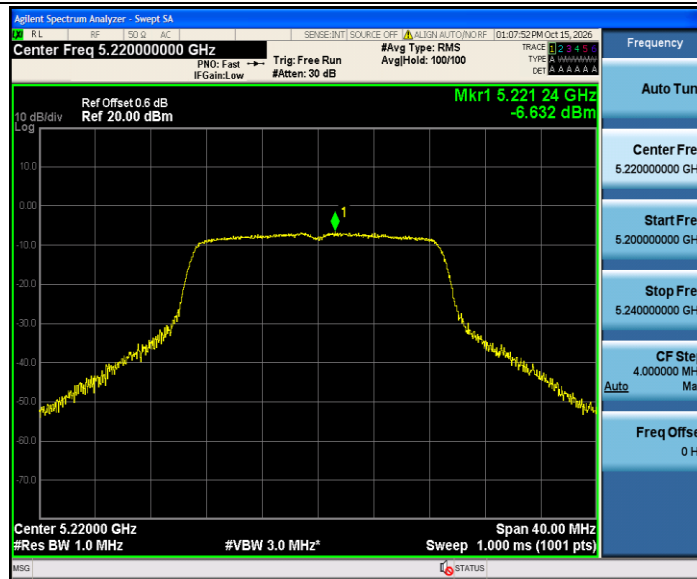
# 11N40SISO\_Ant1\_5795



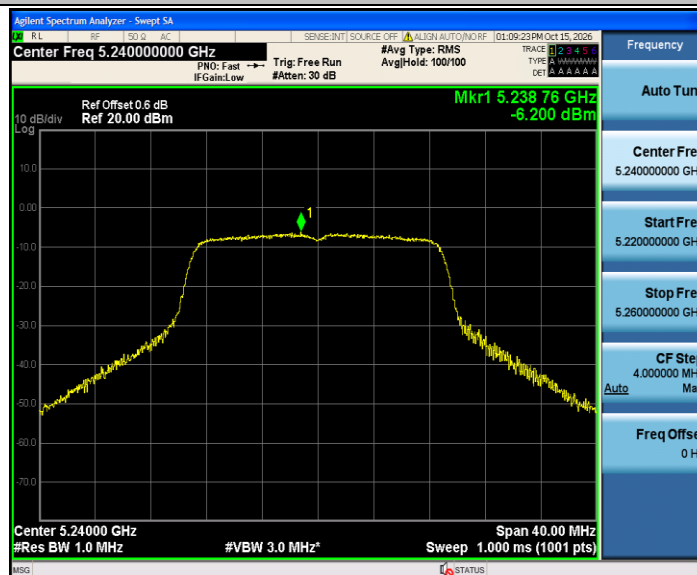
# 11AC20SISO\_Ant1\_5180



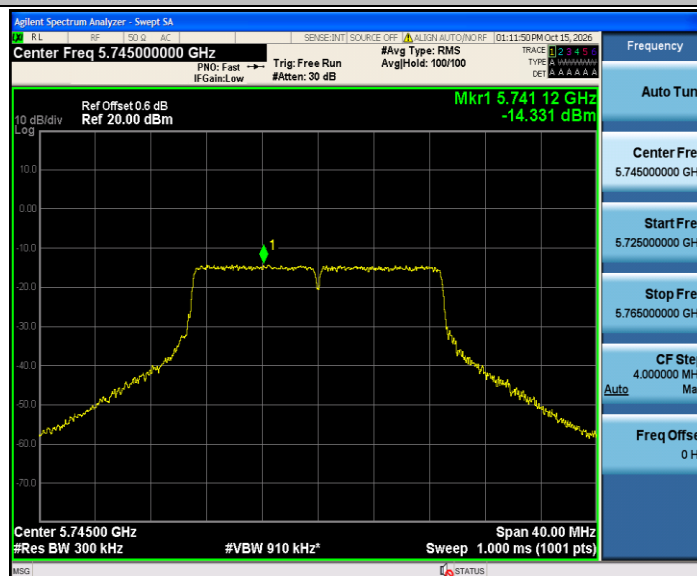
# 11AC20SISO\_Ant1\_5220



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



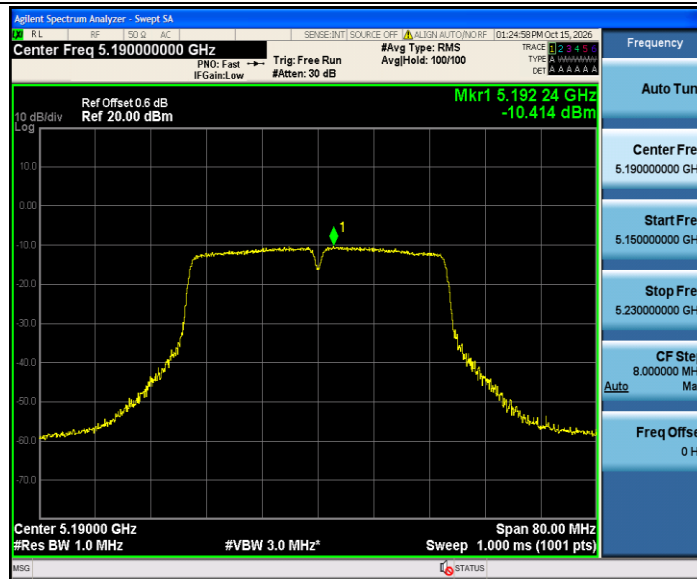
11AC20SISO\_Ant1\_5785



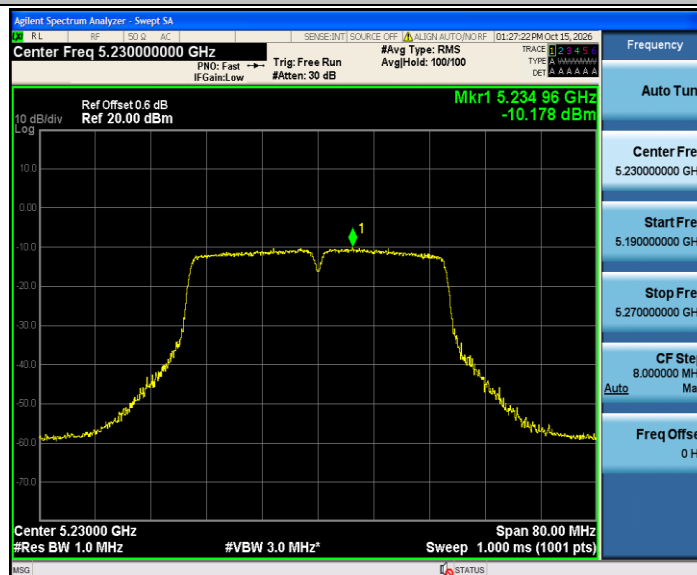
11AC20SISO\_Ant1\_5825



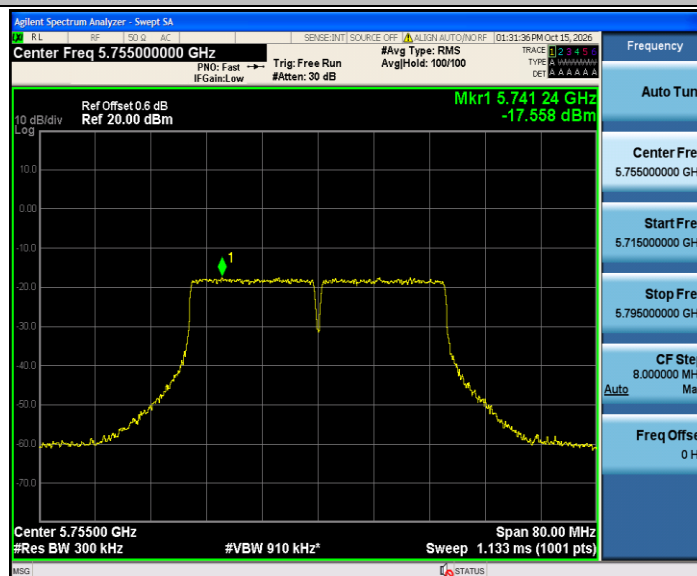
11AC40SISO\_Ant1\_5190



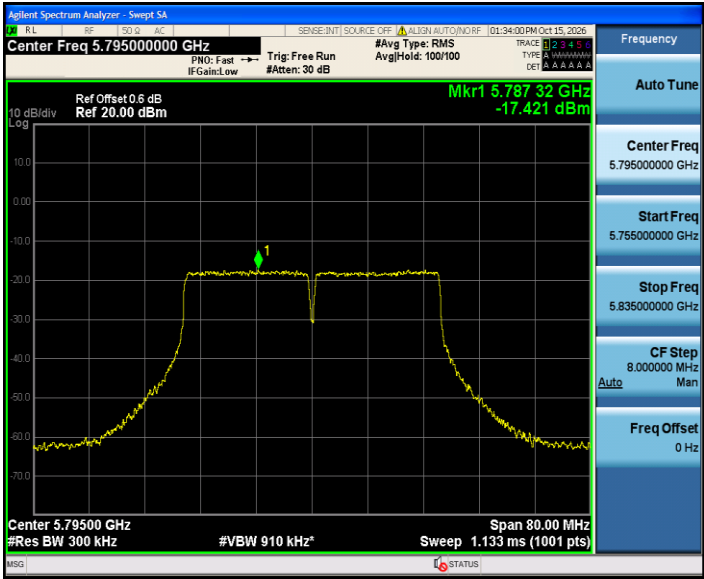
11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



## Appendix E: Band edge measurements

### Test Result B1

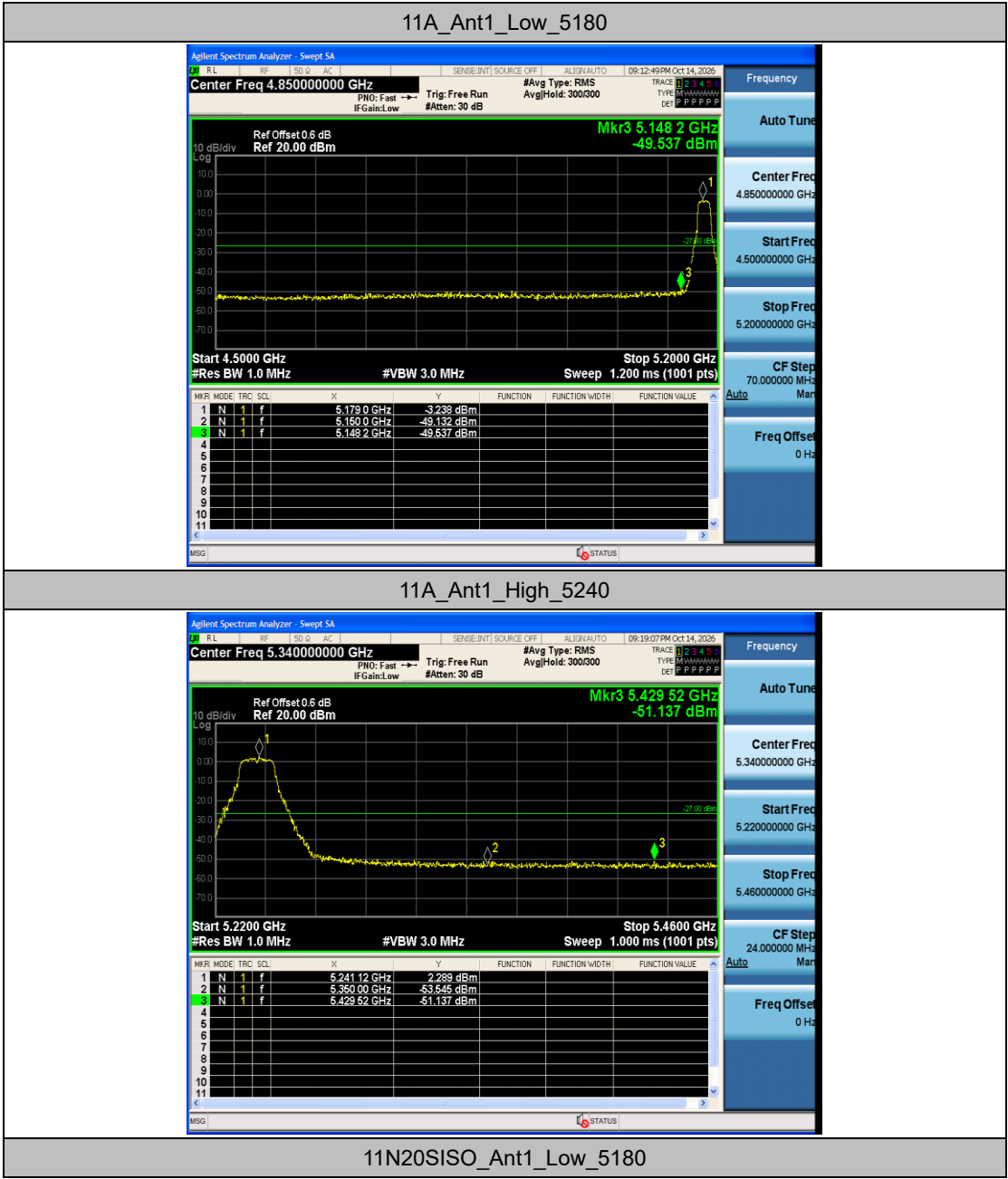
| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5180      | -49.54      | ≤-27       | PASS    |
|            |         | High   | 5240      | -51.14      | ≤-27       | PASS    |
| 11N20SISO  | Ant1    | Low    | 5180      | -49.04      | ≤-27       | PASS    |
|            |         | High   | 5240      | -51         | ≤-27       | PASS    |
| 11N40SISO  | Ant1    | Low    | 5190      | -47.16      | ≤-27       | PASS    |
|            |         | High   | 5230      | -50.01      | ≤-27       | PASS    |
| 11AC20SISO | Ant1    | Low    | 5180      | -48.65      | ≤-27       | PASS    |
|            |         | High   | 5240      | -50.55      | ≤-27       | PASS    |
| 11AC40SISO | Ant1    | Low    | 5190      | -46.16      | ≤-27       | PASS    |
|            |         | High   | 5230      | -50.84      | ≤-27       | PASS    |

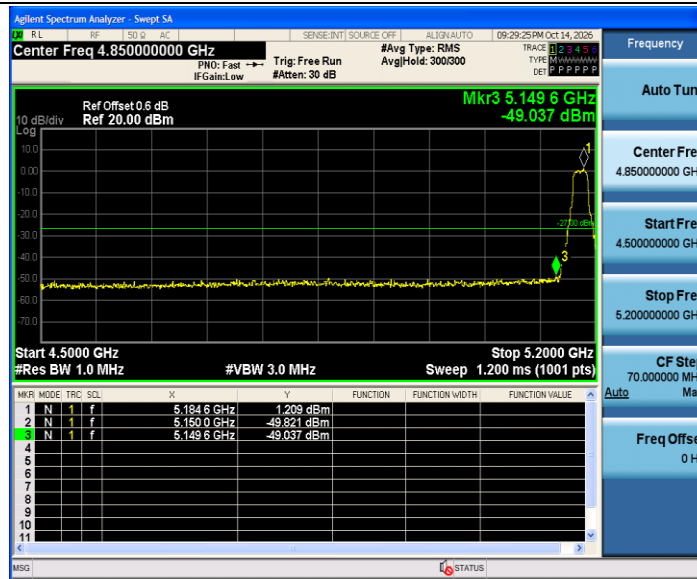
### Test Result B4

| TestMode  | Antenna | ChName | Freq(MHz) | FreqRange [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------|-----------------|--------------|-------------|---------|
| 11A       | Ant1    | Low    | 5745      | 5645~5650       | -51.45       | ≤-27        | PASS    |
|           |         |        |           | 5650~5700       | -51.55       | ≤-26.19     | PASS    |
|           |         |        |           | 5700~5720       | -37.48       | ≤14.85      | PASS    |
|           |         |        |           | 5720~5725       | -35.3        | ≤19.49      | PASS    |
|           |         | High   | 5825      | 5850~5855       | -38.57       | ≤21.57      | PASS    |
|           |         |        |           | 5855~5875       | -41.71       | ≤14.37      | PASS    |
|           |         |        |           | 5875~5925       | -50.68       | ≤-26.71     | PASS    |
|           |         |        |           | 5925~5935       | -50.83       | ≤-27        | PASS    |
| 11N20SISO | Ant1    | Low    | 5745      | 5645~5650       | -51.38       | ≤-27        | PASS    |
|           |         |        |           | 5650~5700       | -51.6        | ≤-26.53     | PASS    |
|           |         |        |           | 5700~5720       | -36.44       | ≤14.85      | PASS    |
|           |         |        |           | 5720~5725       | -34.37       | ≤19.49      | PASS    |
|           |         | High   | 5825      | 5850~5855       | -46.57       | ≤16.65      | PASS    |
|           |         |        |           | 5855~5875       | -41.61       | ≤14.52      | PASS    |
|           |         |        |           | 5875~5925       | -50.89       | ≤-26.01     | PASS    |
|           |         |        |           | 5925~5935       | -50.87       | ≤-27        | PASS    |
| 11N40SISO | Ant1    | Low    | 5755      | 5645~5650       | -50.23       | ≤-27        | PASS    |
|           |         |        |           | 5650~5700       | -51.79       | ≤-26.90     | PASS    |
|           |         |        |           | 5700~5720       | -39.85       | ≤13.69      | PASS    |
|           |         |        |           | 5720~5725       | -39.87       | ≤15.74      | PASS    |
|           |         | High   | 5795      | 5850~5855       | -47.51       | ≤16.41      | PASS    |
|           |         |        |           | 5855~5875       | -50.19       | ≤10.62      | PASS    |

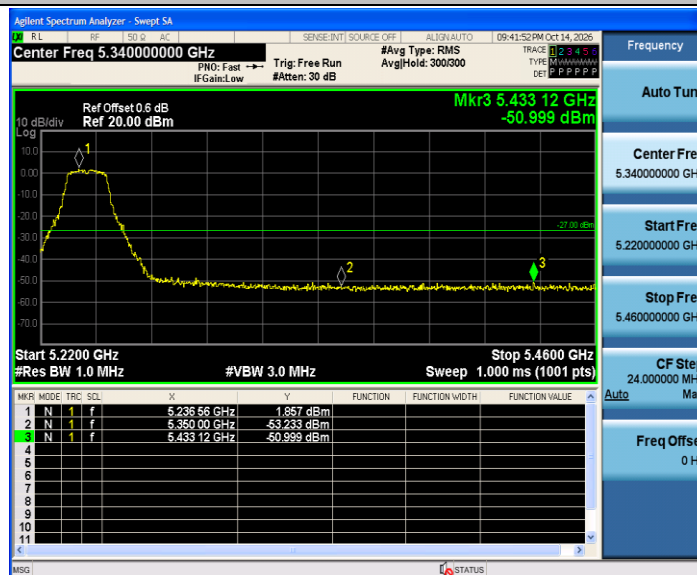
|                |      |      |      |           |        |               |      |
|----------------|------|------|------|-----------|--------|---------------|------|
|                |      |      |      | 5875~5925 | -51.5  | $\leq -26.71$ | PASS |
|                |      |      |      | 5925~5935 | -51.08 | $\leq -27$    | PASS |
| 11AC20S<br>ISO | Ant1 | Low  | 5745 | 5645~5650 | -51    | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -51.87 | $\leq -26.87$ | PASS |
|                |      |      |      | 5700~5720 | -38.14 | $\leq 13.60$  | PASS |
|                |      |      |      | 5720~5725 | -34.33 | $\leq 20.01$  | PASS |
|                |      | High | 5825 | 5850~5855 | -41.52 | $\leq 19.11$  | PASS |
|                |      |      |      | 5855~5875 | -41.26 | $\leq 13.91$  | PASS |
|                |      |      |      | 5875~5925 | -52.02 | $\leq -26.81$ | PASS |
|                |      |      |      | 5925~5935 | -51.74 | $\leq -27$    | PASS |
| 11AC40S<br>ISO | Ant1 | Low  | 5755 | 5645~5650 | -51.19 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -51.82 | $\leq -26.40$ | PASS |
|                |      |      |      | 5700~5720 | -38.34 | $\leq 12.63$  | PASS |
|                |      |      |      | 5720~5725 | -40.37 | $\leq 16.04$  | PASS |
|                |      | High | 5795 | 5850~5855 | -48.12 | $\leq 16.03$  | PASS |
|                |      |      |      | 5855~5875 | -51.08 | $\leq 10.25$  | PASS |
|                |      |      |      | 5875~5925 | -51.88 | $\leq -26.34$ | PASS |
|                |      |      |      | 5925~5935 | -50.48 | $\leq -27$    | PASS |

Test Graphs B1

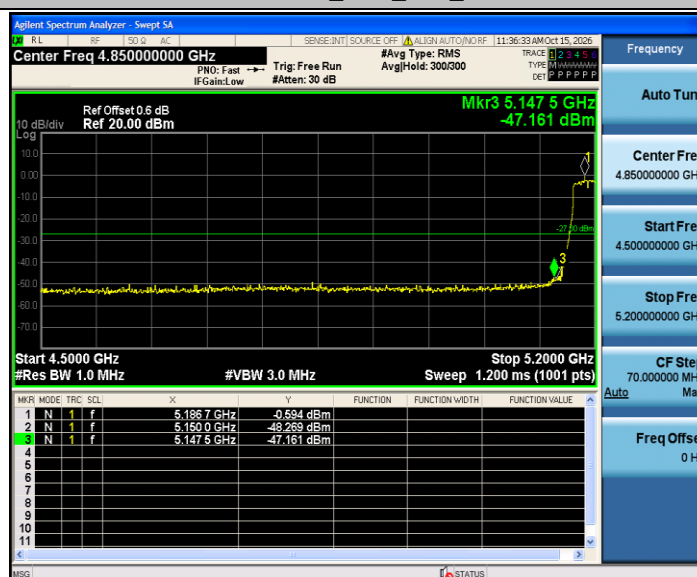




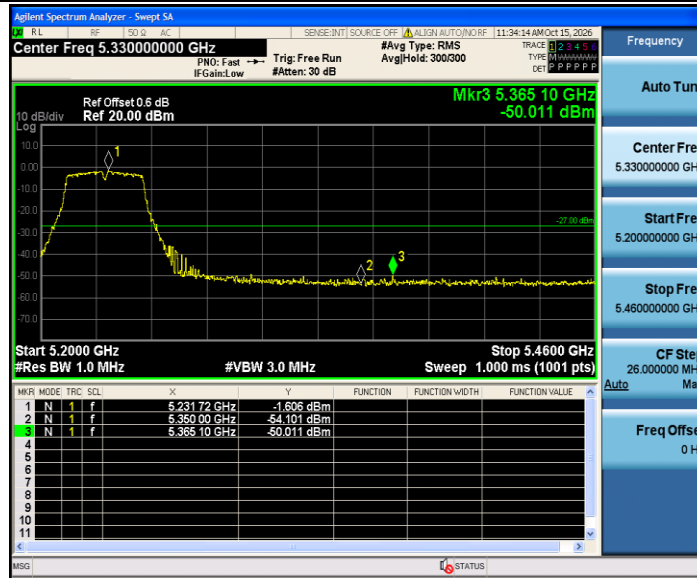
11N20SISO\_Ant1\_High\_5240



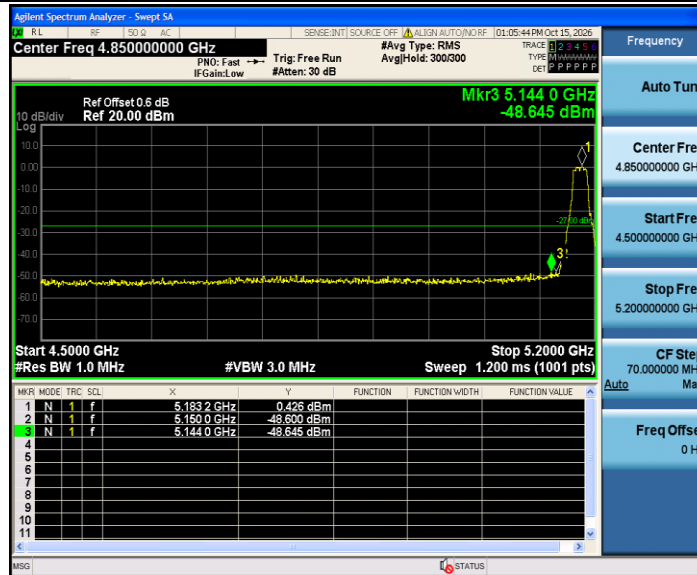
11N40SISO\_Ant1\_Low\_5190



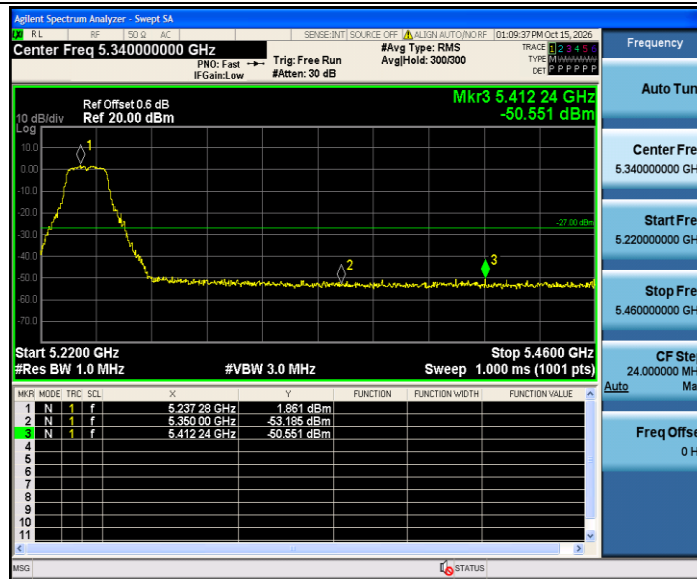
# 11N40SISO\_Ant1\_High\_5230



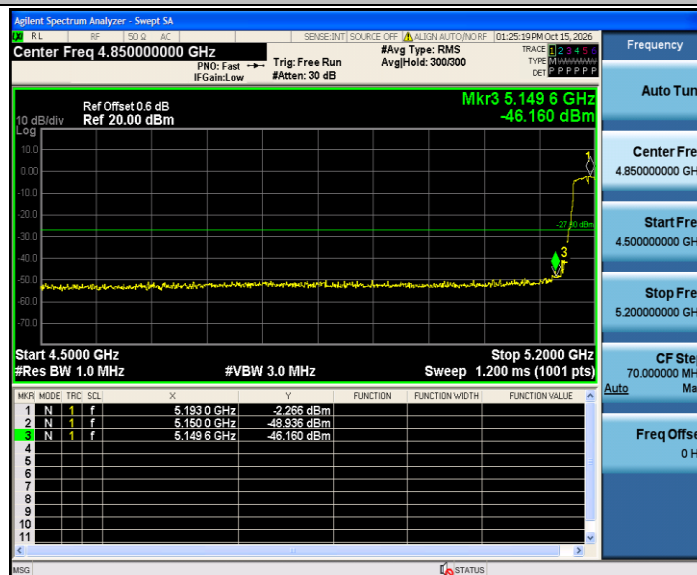
# 11AC20SISO\_Ant1\_Low\_5180



# 11AC20SISO\_Ant1\_High\_5240



11AC40SISO\_Ant1\_Low\_5190



11AC40SISO\_Ant1\_High\_5230

