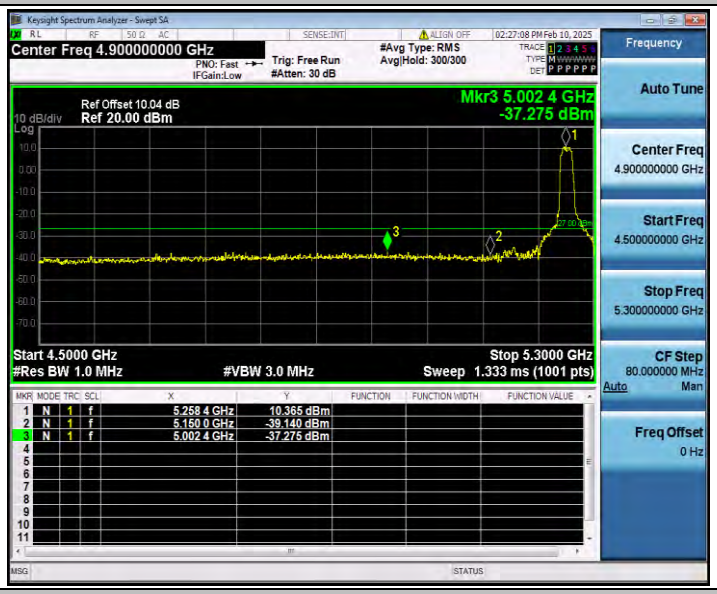
# Appendix E.6: Band edge measurements

## Test Result B2

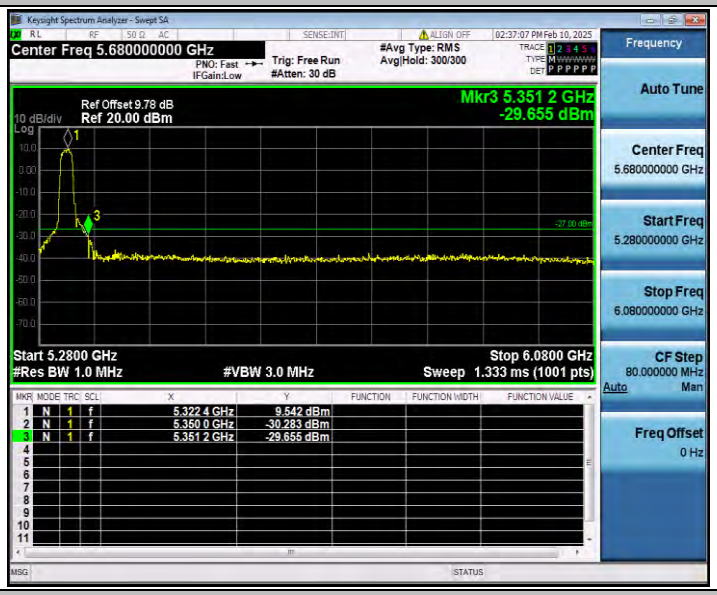
| TestMode | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|---|---|---|---|---|---|---|
| 11A | Ant0 | Low | 5260 | -37.28 | ≤-27 | PASS |
| | | High | 5320 | -29.66 | ≤-27 | PASS |
| 11N20SISO | Ant0 | Low | 5260 | -36.58 | ≤-27 | PASS |
| | | High | 5320 | -30.51 | ≤-27 | PASS |
| 11N40SISO | Ant0 | Low | 5270 | -37.49 | ≤-27 | PASS |
| | | High | 5310 | -31.29 | ≤-27 | PASS |
| 11AC20SISO | Ant0 | Low | 5260 | -36.99 | ≤-27 | PASS |
| | | High | 5320 | -29.94 | ≤-27 | PASS |
| 11AC40SISO | Ant0 | Low | 5270 | -37.34 | ≤-27 | PASS |
| | | High | 5310 | -32.74 | ≤-27 | PASS |
| 11AC80SISO | Ant0 | Low | 5290 | -37.11 | ≤-27 | PASS |
| | | High | 5290 | -31.13 | ≤-27 | PASS |
| 11AX20SISO | Ant0 | Low | 5260 | -37.43 | ≤-27 | PASS |
| | | High | 5320 | -31.4 | ≤-27 | PASS |
| 11AX40SISO | Ant0 | Low | 5270 | -37.65 | ≤-27 | PASS |
| | | High | 5310 | -33.1 | ≤-27 | PASS |
| 11AX80SISO | Ant0 | Low | 5290 | -37.06 | ≤-27 | PASS |
| | | High | 5290 | -32.81 | ≤-27 | PASS |

## Test Graphs B2

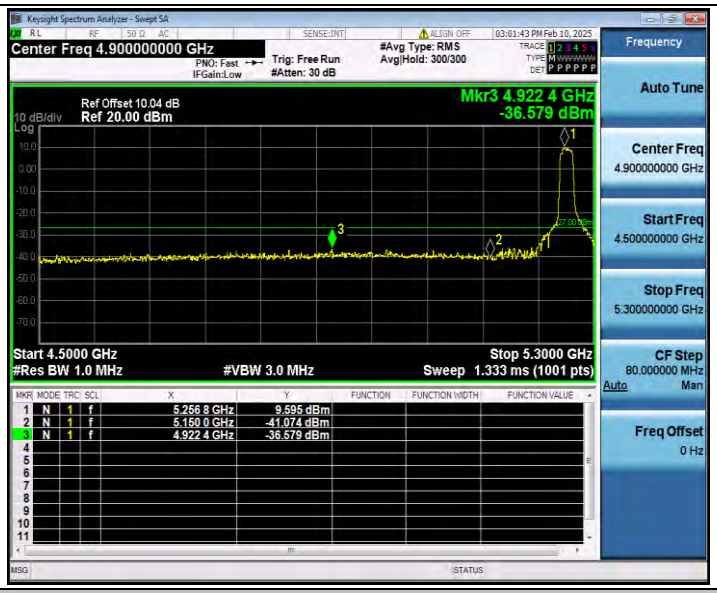
11A_Ant0_Low_5260



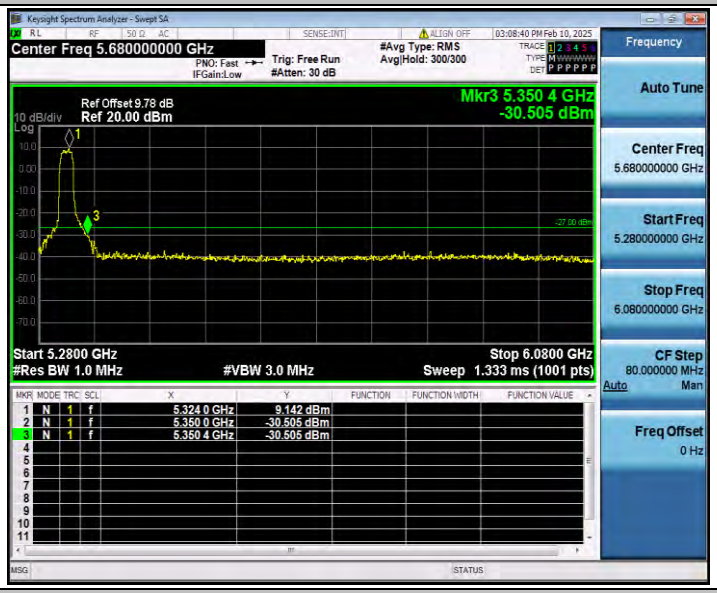

11A_Ant0_High_5320



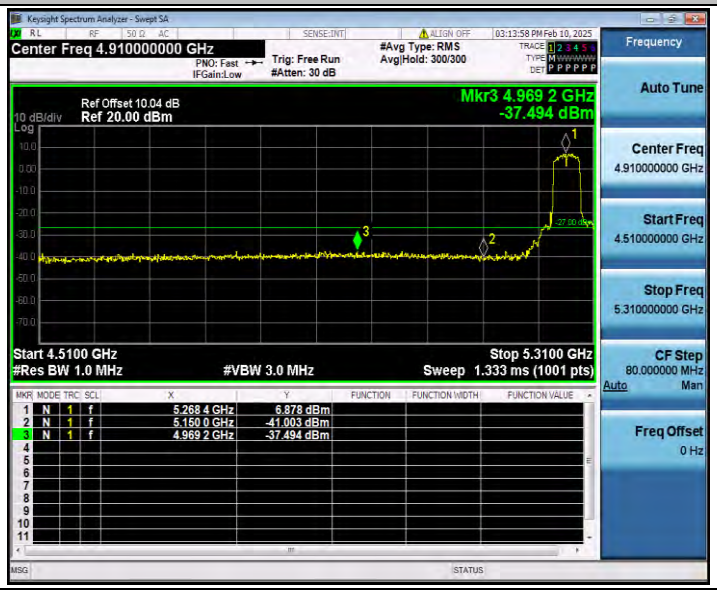

11N20SISO_Ant0_Low_5260



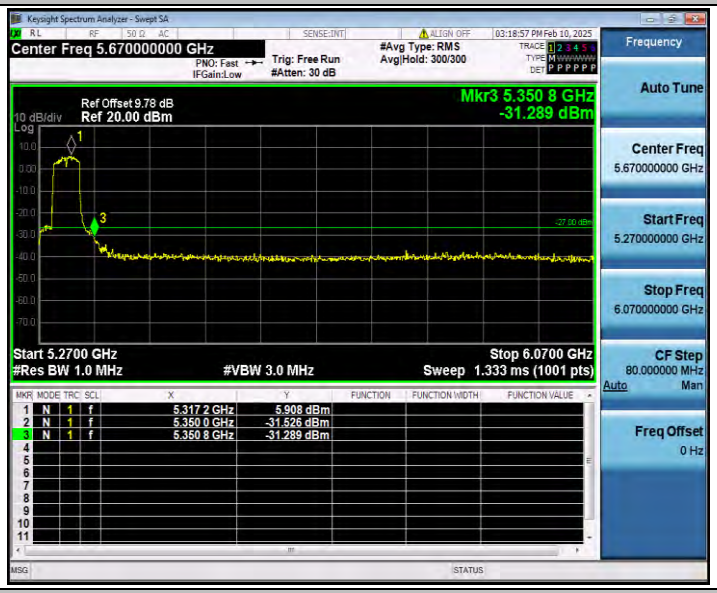

11N20SISO_Ant0_High_5320



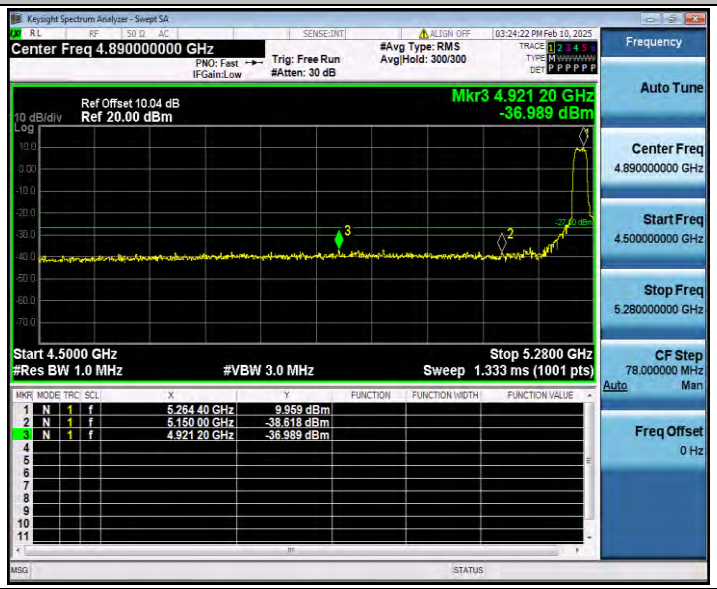

11N40SISO_Ant0_Low_5270



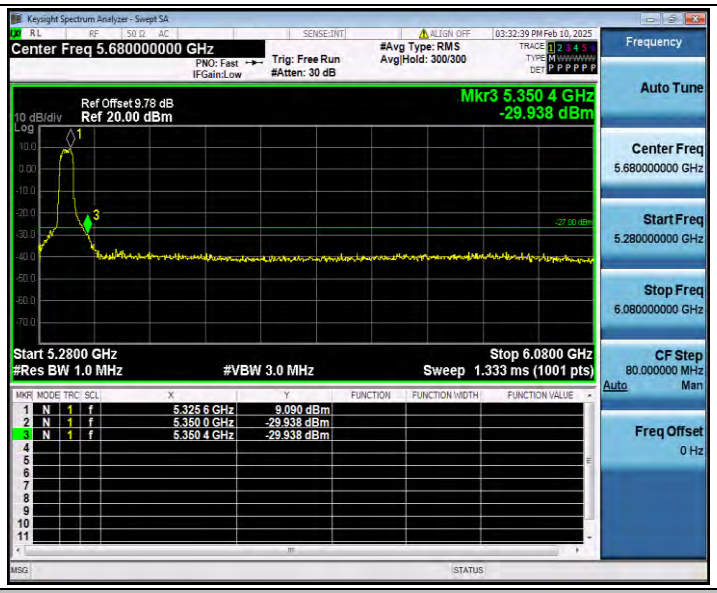
11N40SISO_Ant0_High_5310



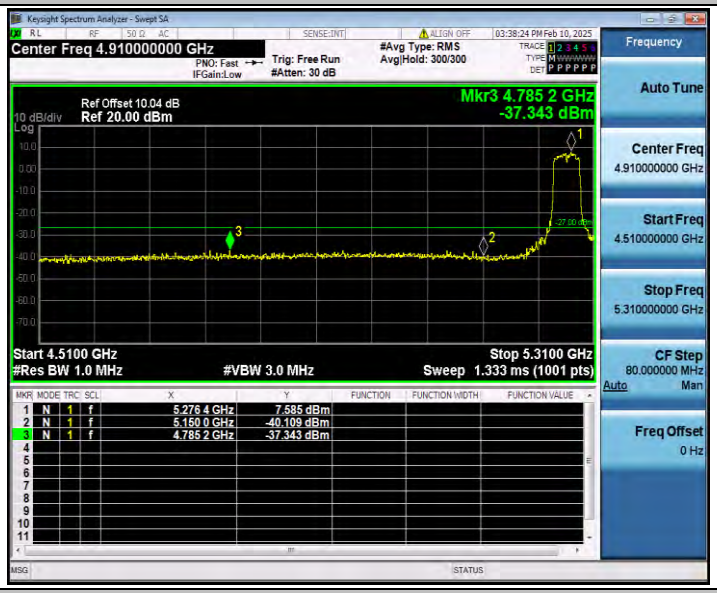

11AC20SISO_Ant0_Low_5260



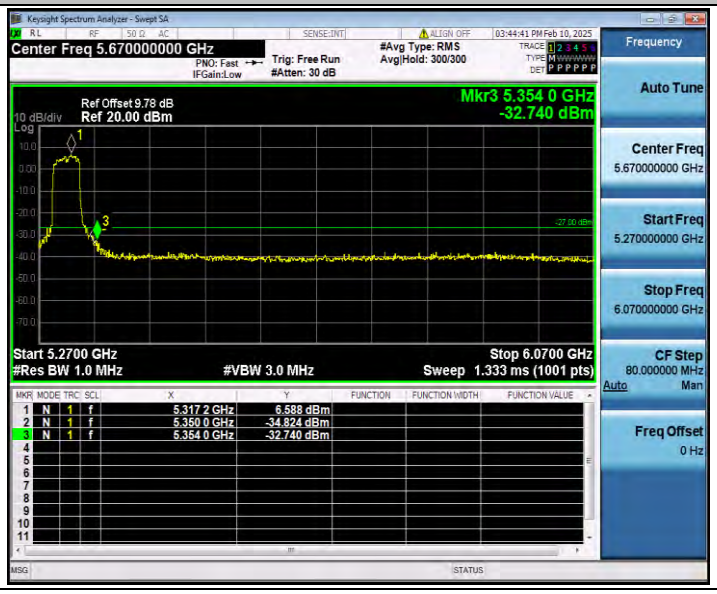

11AC20SISO_Ant0_High_5320



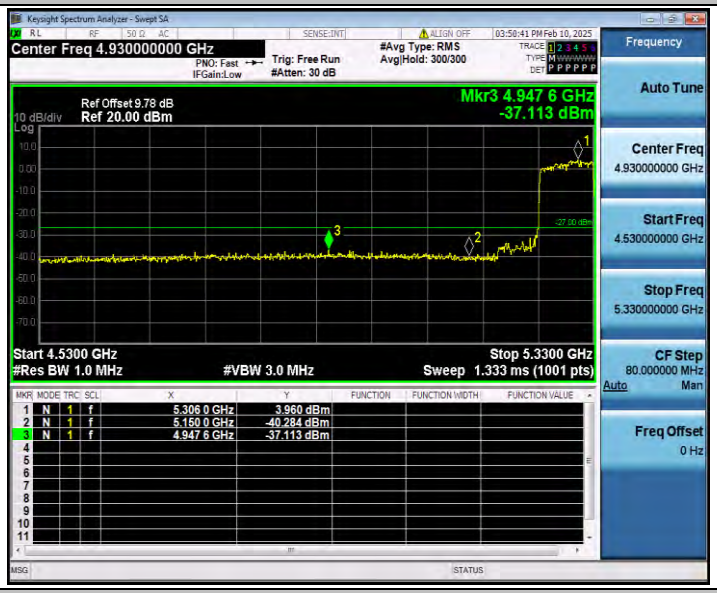

11AC40SISO_Ant0_Low_5270



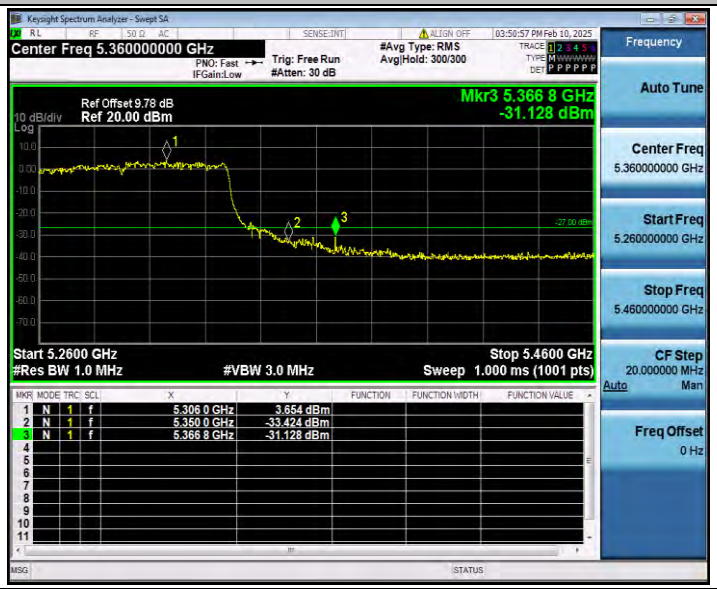

11AC40SISO_Ant0_High_5310



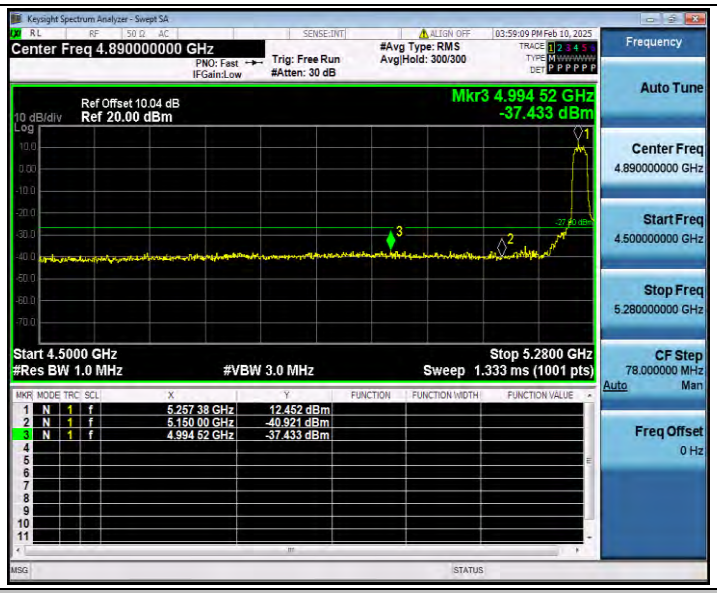
11AC80SISO_Ant0_Low_5290



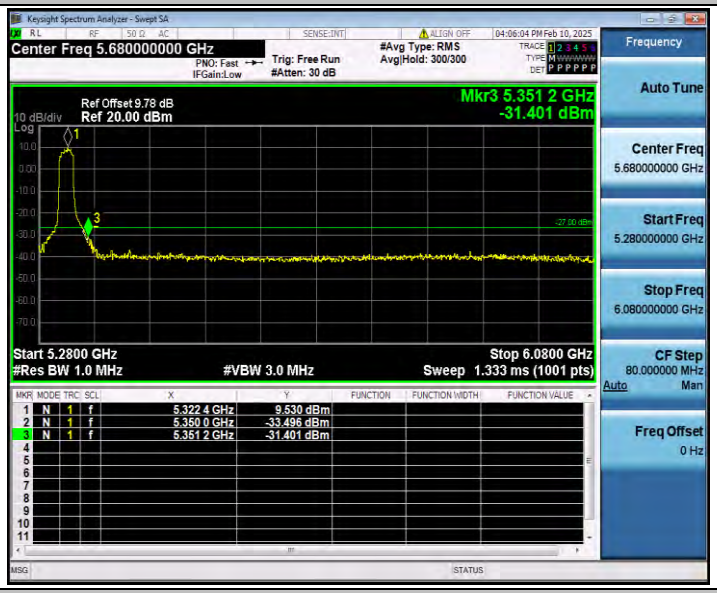

11AC80SISO_Ant0_High_5290



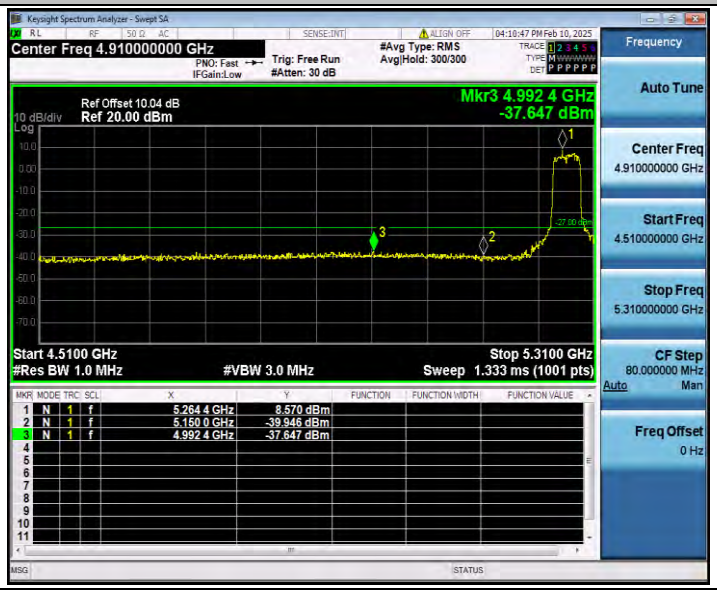

11AX20SISO_Ant0_Low_5260



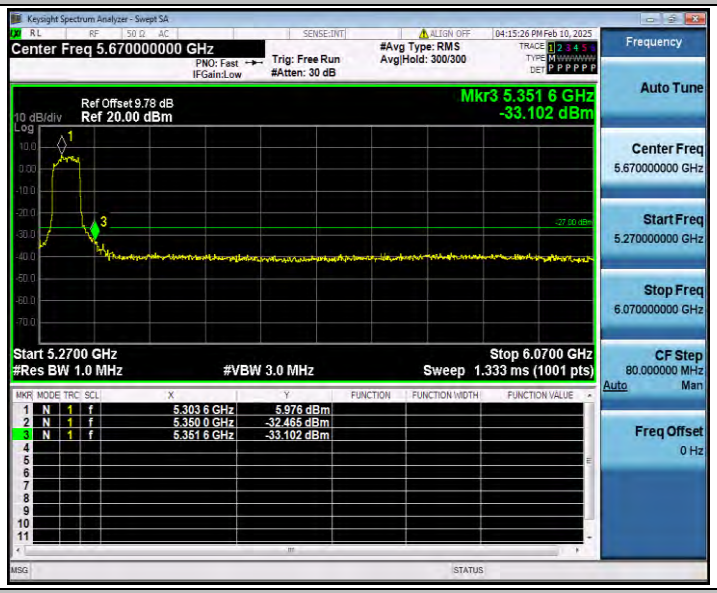

11AX20SISO_Ant0_High_5320



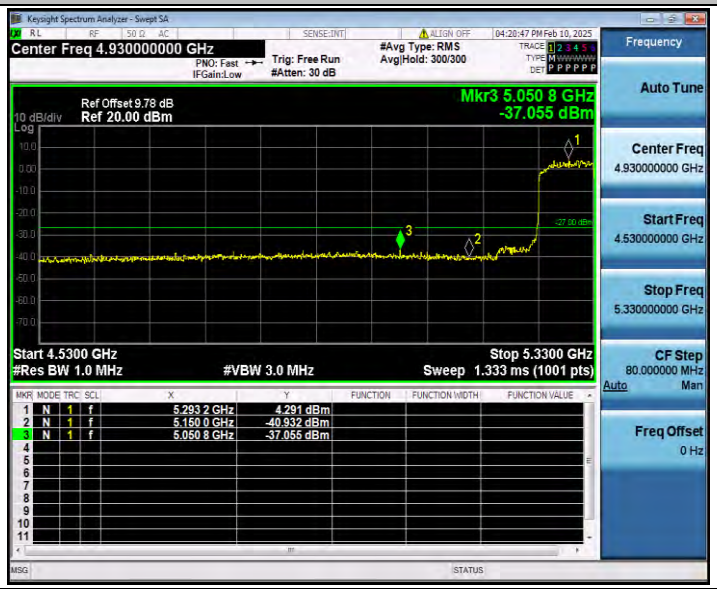

11AX40SISO_Ant0_Low_5270



11AX40SISO_Ant0_High_5310




11AX80SISO_Ant0_Low_5290




11AX80SISO_Ant0_High_5290

Keysight Spectrum Analyzer - Swept SA
Center Freq 5.360000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 300/300
Ref Offset 9.78 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr3 5.353 8 GHz
-32.807 dBm
Start 5.2600 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 5.4600 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 5.320 2 GHz 3.199 dBm
2 N 1 f 5.350 0 GHz -33.841 dBm
3 N 1 f 5.353 8 GHz -32.807 dBm
Frequency
Auto Tune
Center Freq
5.360000000 GHz
Start Freq
5.260000000 GHz
Stop Freq
5.460000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz

# Appendix E.7: Conducted Spurious Emission

## Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant0 | 5260 | 30~5140 | 5130.8 | -43.88 | ≤-27 | PASS |
| | | | 5360~27000 | 26567.2 | -37.28 | ≤-27 | PASS |
| | | 5280 | 30~5140 | 5125.35 | -44.25 | ≤-27 | PASS |
| | | | 5360~27000 | 23543.37 | -37.41 | ≤-27 | PASS |
| | | 5320 | 30~5140 | 4835.96 | -45.77 | ≤-27 | PASS |
| | | | 5360~27000 | 5360.72 | -37.05 | ≤-27 | PASS |
| 11N20SISO | Ant0 | 5260 | 30~5140 | 5109.34 | -44.2 | ≤-27 | PASS |
| | | | 5360~27000 | 26067.32 | -37.5 | ≤-27 | PASS |
| | | 5280 | 30~5140 | 4807.85 | -43.98 | ≤-27 | PASS |
| | | | 5360~27000 | 23568.62 | -37.02 | ≤-27 | PASS |
| | | 5320 | 30~5140 | 4847.88 | -44.2 | ≤-27 | PASS |
| | | | 5360~27000 | 24183.19 | -36.45 | ≤-27 | PASS |
| 11N40SISO | Ant0 | 5270 | 30~5140 | 5125.69 | -45.31 | ≤-27 | PASS |
| | | | 5360~27000 | 26935.08 | -37.18 | ≤-27 | PASS |
| | | 5310 | 30~5140 | 5137.62 | -45.29 | ≤-27 | PASS |
| | | | 5360~27000 | 5363.61 | -36.92 | ≤-27 | PASS |
| 11AC20SISO | Ant0 | 5260 | 30~5140 | 5127.74 | -44.75 | ≤-27 | PASS |
| | | | 5360~27000 | 24196.18 | -37.7 | ≤-27 | PASS |
| | | 5280 | 30~5140 | 5127.05 | -45.21 | ≤-27 | PASS |
| | | | 5360~27000 | 24222.87 | -37.54 | ≤-27 | PASS |
| | | 5320 | 30~5140 | 4847.88 | -45.57 | ≤-27 | PASS |
| | | | 5360~27000 | 24900.2 | -37.28 | ≤-27 | PASS |
| 11AC40SISO | Ant0 | 5270 | 30~5140 | 5097.59 | -45.33 | ≤-27 | PASS |
| | | | 5360~27000 | 25594.84 | -36.66 | ≤-27 | PASS |
| | | 5310 | 30~5140 | 5002.03 | -46 | ≤-27 | PASS |
| | | | 5360~27000 | 5361.44 | -36.96 | ≤-27 | PASS |
| 11AC80SISO | Ant0 | 5290 | 30~5140 | 5122.8 | -46.08 | ≤-27 | PASS |
| | | | 5360~27000 | 5360.72 | -35.61 | ≤-27 | PASS |
| 11AX20SISO | Ant0 | 5260 | 30~5140 | 5102.36 | -44.97 | ≤-27 | PASS |
| | | | 5360~27000 | 24285.62 | -37.38 | ≤-27 | PASS |
| | | 5280 | 30~5140 | 5126.03 | -44.95 | ≤-27 | PASS |
| | | | 5360~27000 | 24240.9 | -37.21 | ≤-27 | PASS |
| | | 5320 | 30~5140 | 4848.22 | -44.28 | ≤-27 | PASS |
| | | | 5360~27000 | 23521.01 | -36.9 | ≤-27 | PASS |
| 11AX40SISO | Ant0 | 5270 | 30~5140 | 2610.04 | -38.3 | ≤-27 | PASS |
| | | | 5360~27000 | 24245.23 | -36.1 | ≤-27 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 5310 | 30~5140 | 5030.48 | -46.59 | ≤-27 | PASS |
| | | | 5360~27000 | 24241.62 | -37.1 | ≤-27 | PASS |
| 11AX80SISO | Ant0 | 5290 | 30~5140 | 4997.26 | -46.89 | ≤-27 | PASS |
| | | | 5360~27000 | 5361.44 | -37.21 | ≤-27 | PASS |

## Test Graphs

11A_Ant0_5260_30~5140

11A_Ant0_5260_5360~27000

11A_Ant0_5280_30~5140

11A_Ant0_5280_5360~27000

11A_Ant0_5320_30~5140

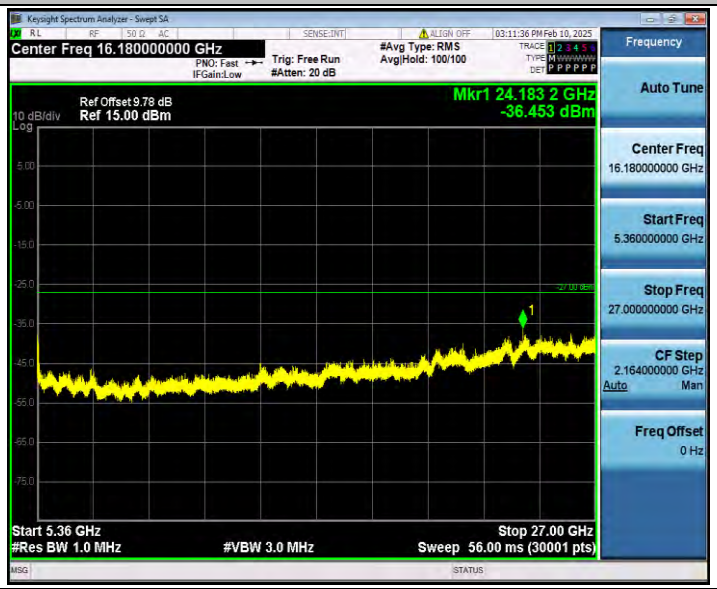
11A_Ant0_5320_5360~27000

11N20SISO_Ant0_5260_30~5140

11N20SISO_Ant0_5260_5360~27000

11N20SISO_Ant0_5280_30~5140

11N20SISO_Ant0_5280_5360~27000

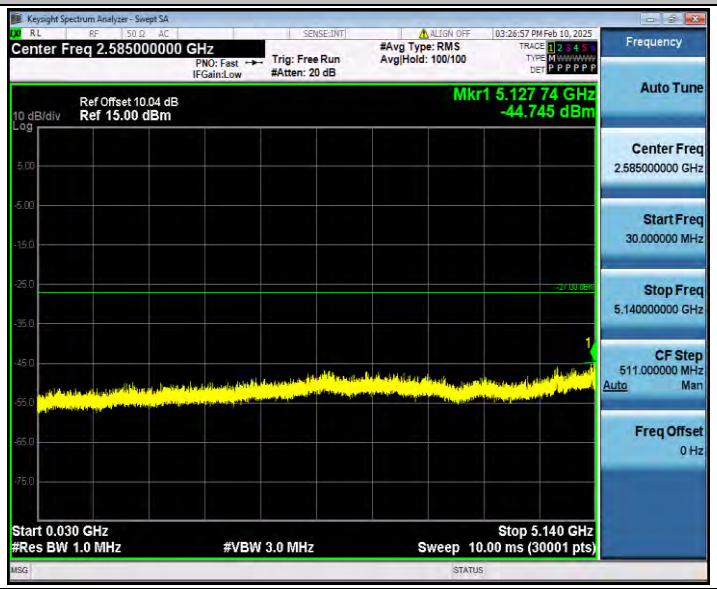
| 11N20SISO_Ant0_5320_30~5140 |
| --- |
| |
| 11N20SISO_Ant0_5320_5360~27000 |
|  |
| 11N40SISO_Ant0_5270_30~5140 |

11N40SISO_Ant0_5270_5360~27000

11N40SISO_Ant0_5310_30~5140

11N40SISO_Ant0_5310_5360~27000

11AC20SISO_Ant0_5260_30~5140



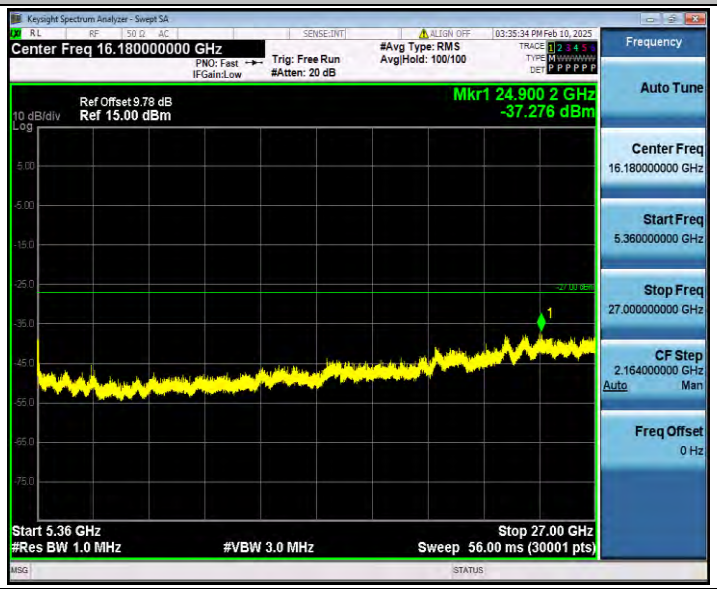

11AC20SISO_Ant0_5260_5360~27000

11AC20SISO_Ant0_5280_30~5140

11AC20SISO_Ant0_5280_5360~27000

11AC20SISO_Ant0_5320_30~5140

11AC20SISO_Ant0_5320_5360~27000



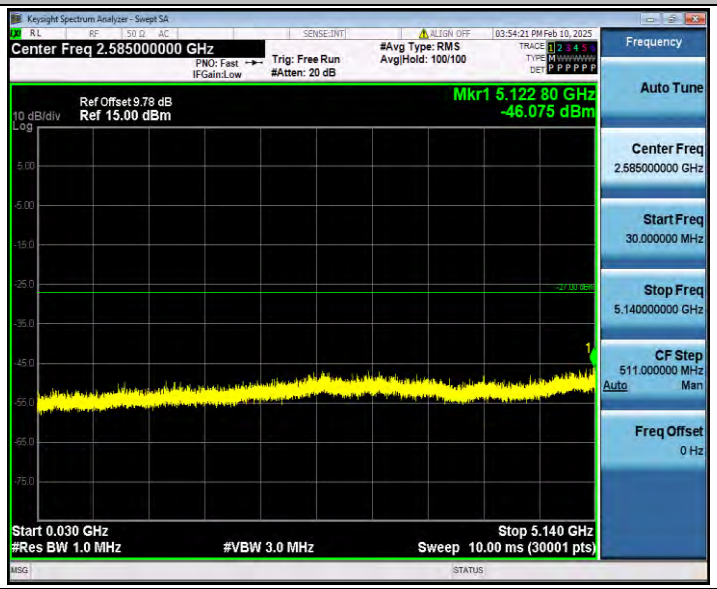

11AC40SISO_Ant0_5270_30~5140

11AC40SISO_Ant0_5270_5360~27000

11AC40SISO_Ant0_5310_30~5140

11AC40SISO_Ant0_5310_5360~27000

11AC80SISO_Ant0_5290_30~5140




11AC80SISO_Ant0_5290_5360~27000

11AX20SISO_Ant0_5260_30~5140

11AX20SISO_Ant0_5260_5360~27000

11AX20SISO_Ant0_5280_30~5140

11AX20SISO_Ant0_5280_5360~27000

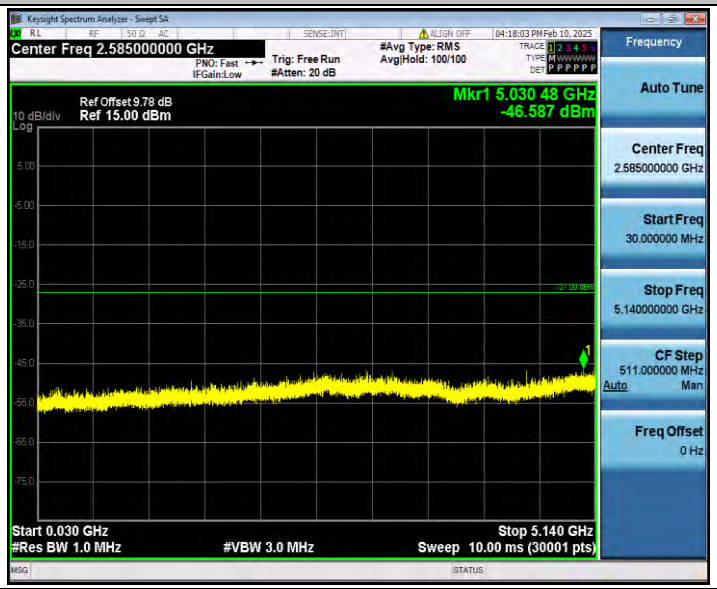
11AX20SISO_Ant0_5320_30~5140

11AX20SISO_Ant0_5320_5360~27000

11AX40SISO_Ant0_5270_30~5140

11AX40SISO_Ant0_5270_5360~27000

11AX40SISO_Ant0_5310_30~5140




11AX40SISO_Ant0_5310_5360~27000

| 11AX80SISO_Ant0_5290_30~5140 |
| --- |
| |



| 11AX80SISO_Ant0_5290_5360~27000 |
| --- |
| |