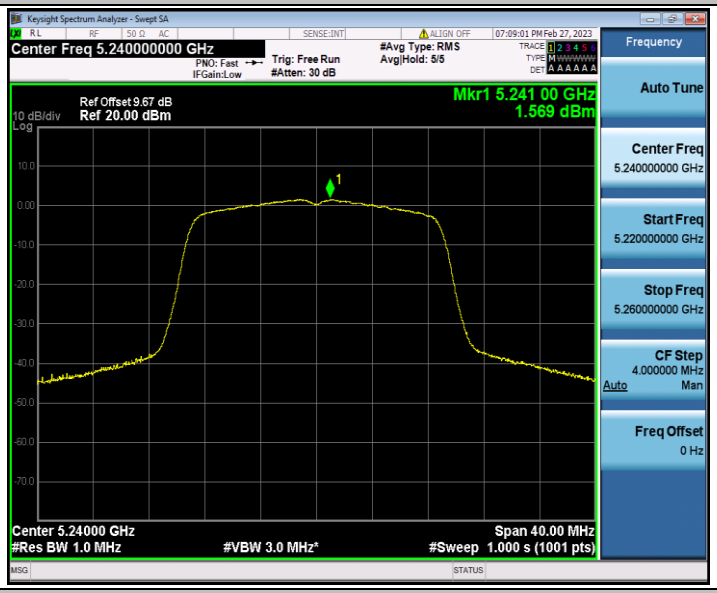
11AC20SISO_Ant1_5240

11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

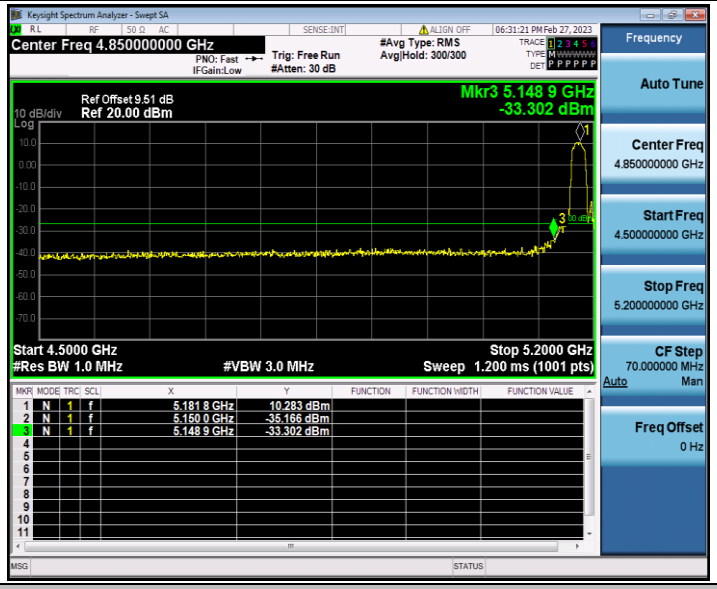
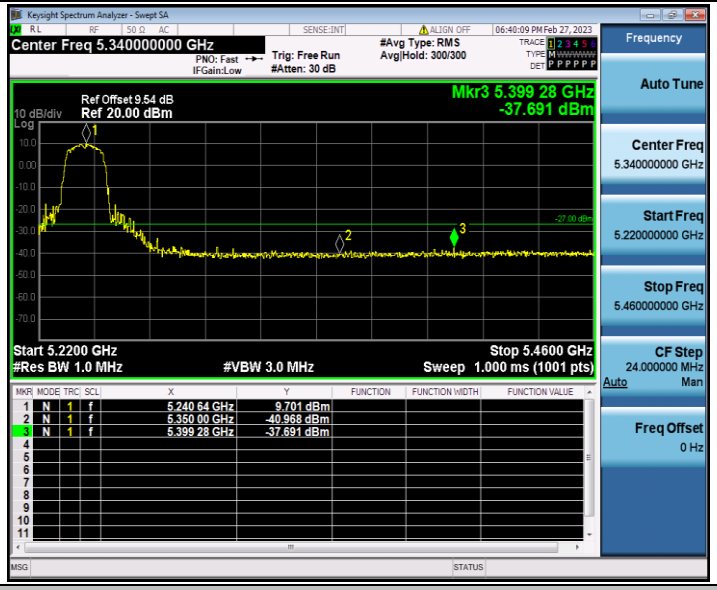


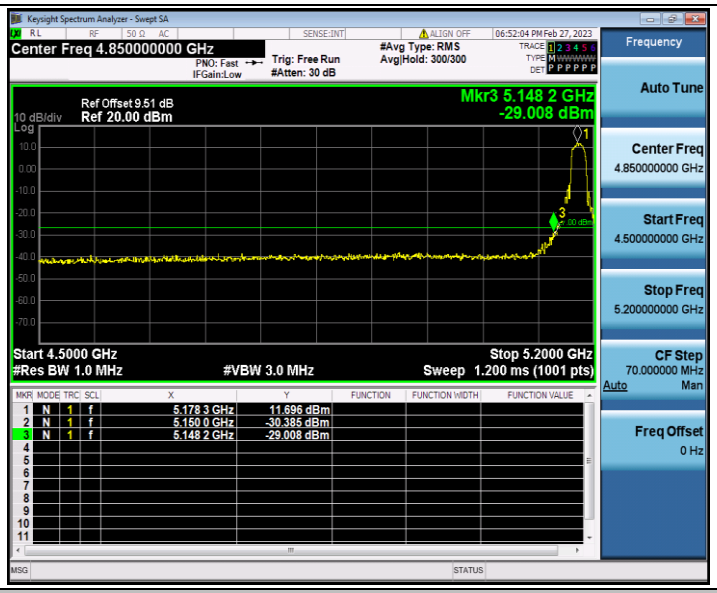
Appendix D.6: Band edge measurements

Test Result B1

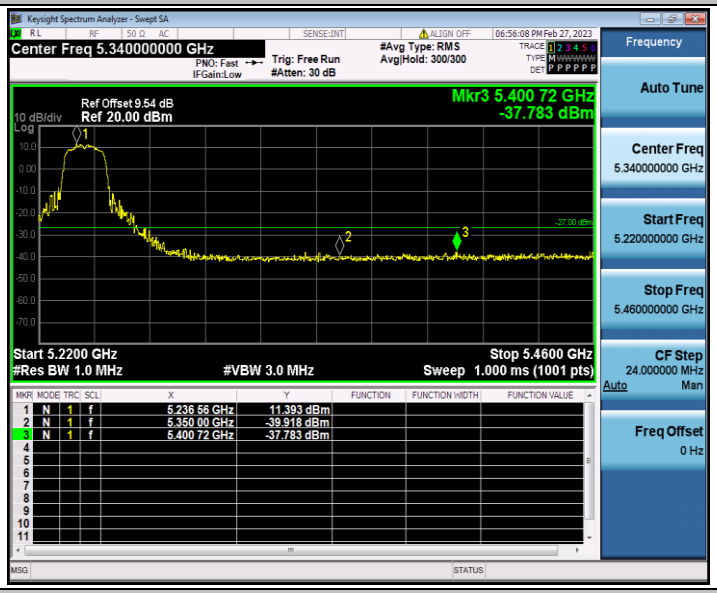
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-33.3	≤-27	PASS
		High	5240	-37.69	≤-27	PASS
11N20SISO	Ant1	Low	5180	-29.01	≤-27	PASS
		High	5240	-37.78	≤-27	PASS
11N40SISO	Ant1	Low	5190	-28.4	≤-27	PASS
		High	5230	-37.9	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-36.68	≤-27	PASS
		High	5240	-37.74	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-34.5	≤-27	PASS
		High	5230	-38.1	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-30.55	≤-27	PASS
		High	5210	-37.9	≤-27	PASS

Test Graphs B1

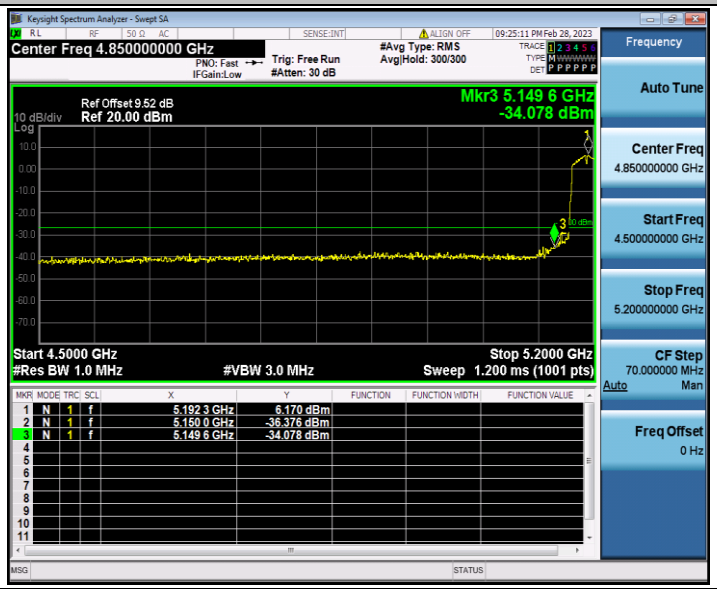
11A_Ant1_Low_5180

11A_Ant1_High_5240

11N20SISO_Ant1_Low_5180

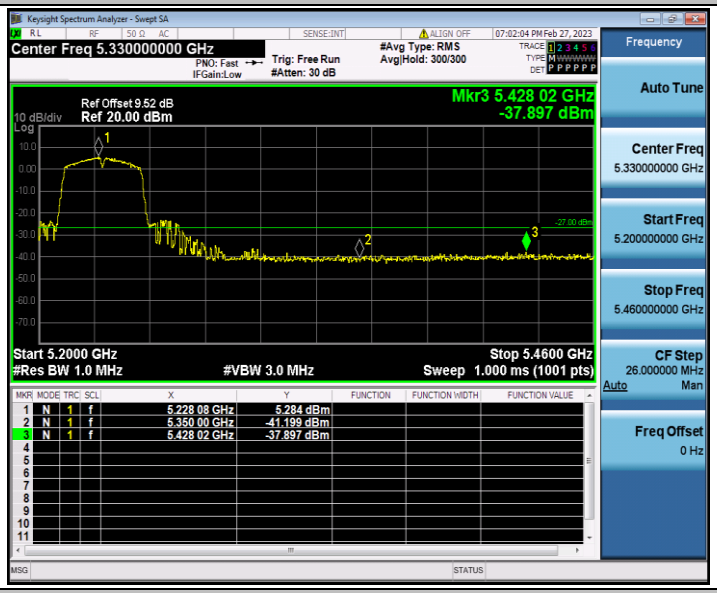
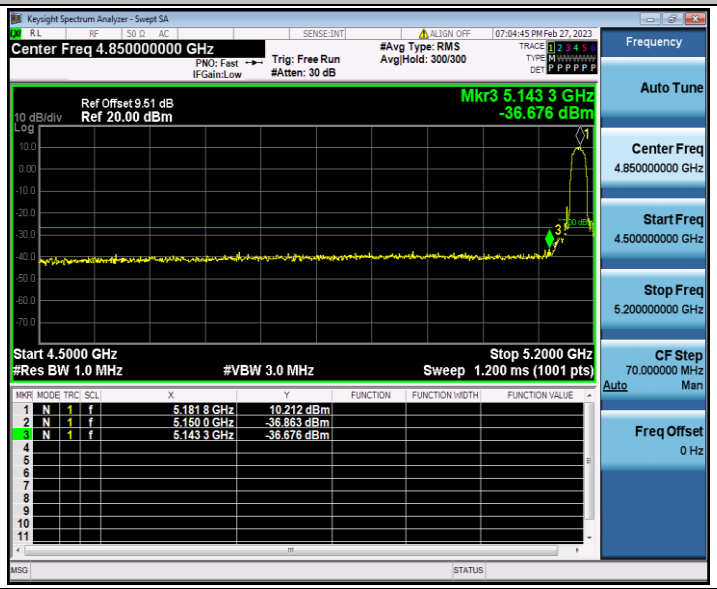


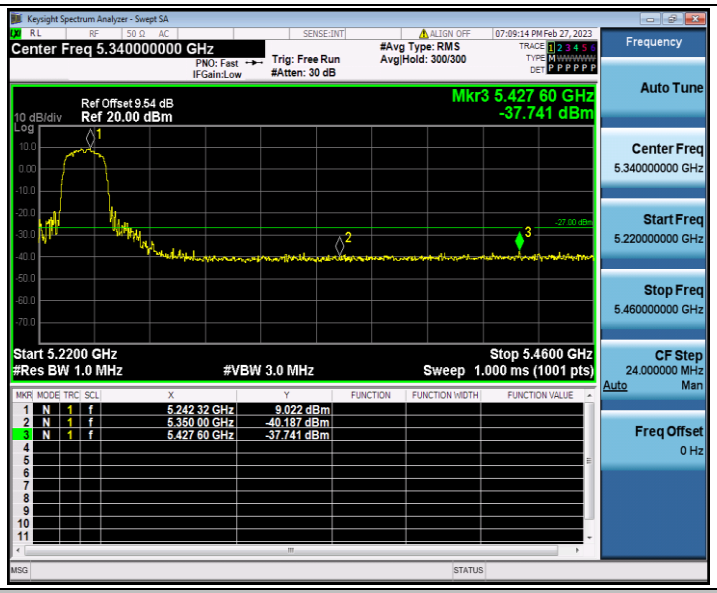
11N20SISO_Ant1_High_5240



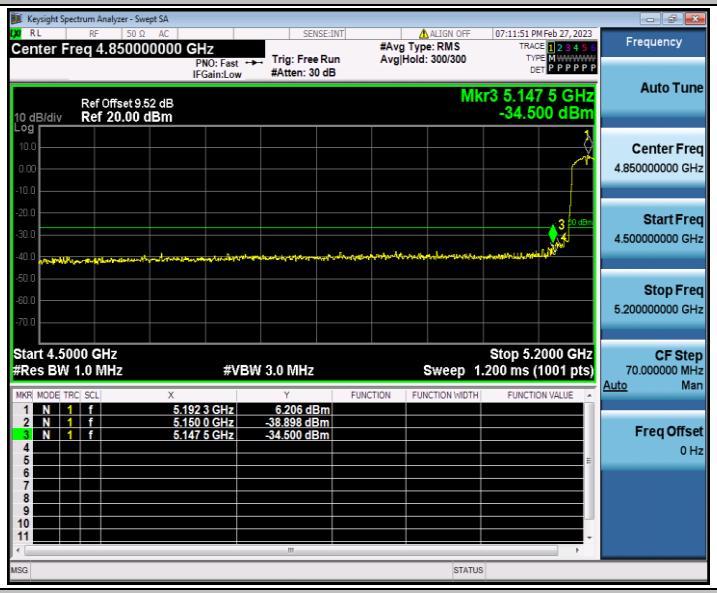
11N40SISO_Ant1_Low_5190



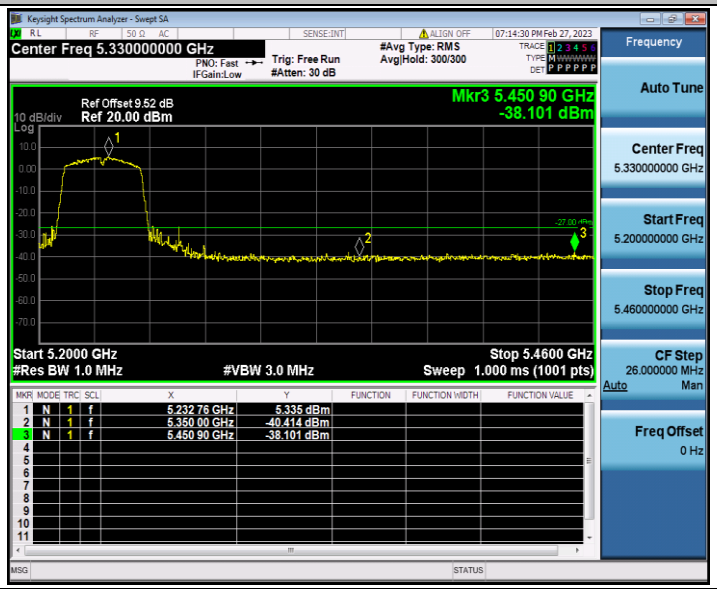
11N40SISO_Ant1_High_5230

11AC20SISO_Ant1_Low_5180

11AC20SISO_Ant1_High_5240

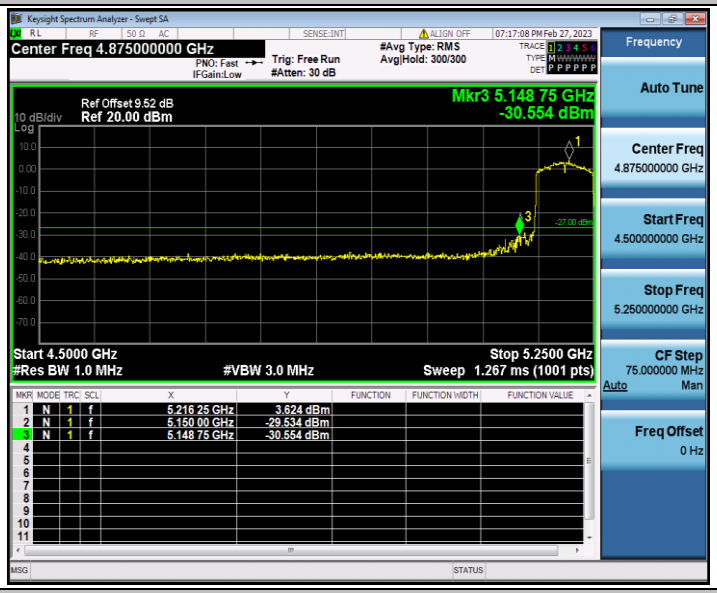
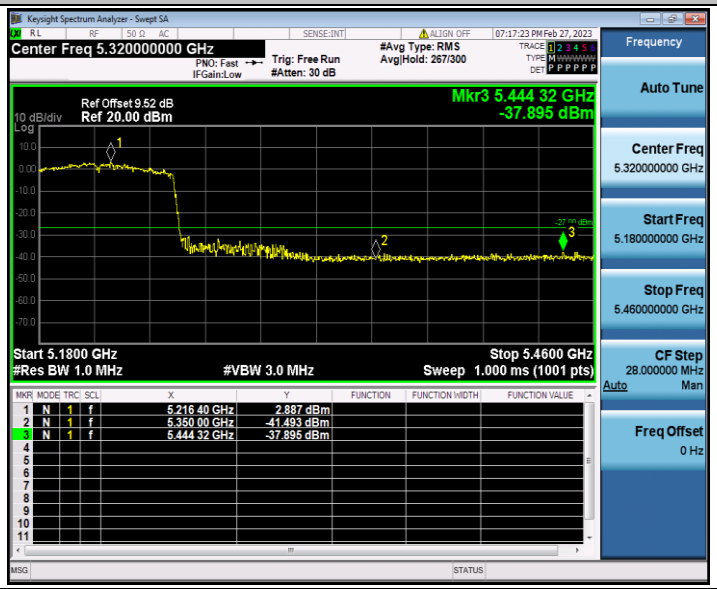


11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210

11AC80SISO_Ant1_High_5210


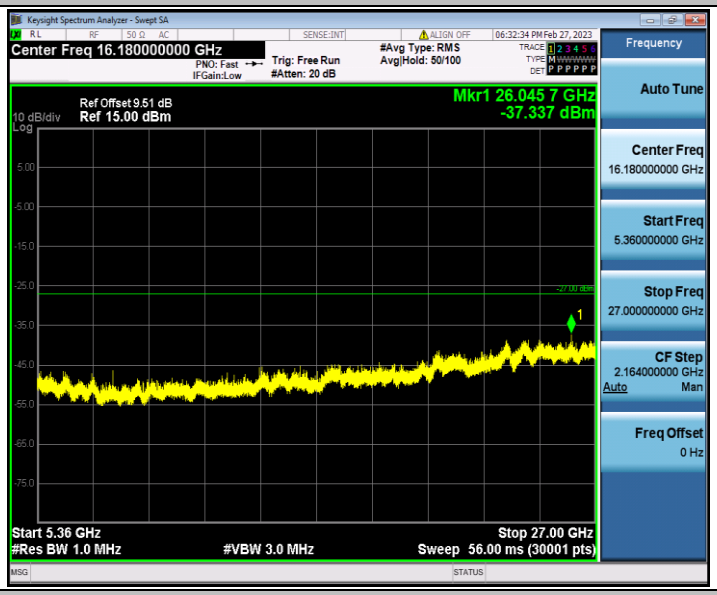
Appendix D.7: Conducted Spurious Emission

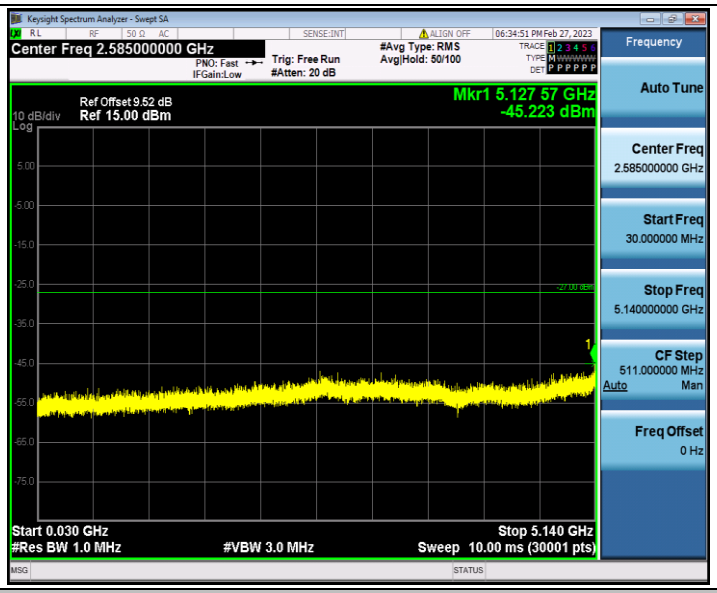
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5137.27	-39.69	≤-27	PASS
			5360~40000	26045.68	-37.34	≤-27	PASS
		5200	30~5140	5127.57	-45.22	≤-27	PASS
			5360~40000	24253.88	-37.16	≤-27	PASS
		5240	30~5140	5124.16	-47.08	≤-27	PASS
			5360~40000	26717.96	-38.34	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5140	-34.81	≤-27	PASS
			5360~40000	25948.3	-38.17	≤-27	PASS
		5200	30~5140	5131.31	-45.91	≤-27	PASS
			5360~40000	24908.85	-37.44	≤-27	PASS
		5240	30~5140	5110.02	-47.02	≤-27	PASS
			5360~40000	26915.6	-37.44	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5116.83	-39.93	≤-27	PASS
			5360~40000	24168.77	-37.48	≤-27	PASS
		5230	30~5140	2811.2	-46.66	≤-27	PASS
			5360~40000	25549.4	-38.2	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5136.93	-41.77	≤-27	PASS
			5360~40000	26925.7	-38.29	≤-27	PASS
		5200	30~5140	5140	-45.77	≤-27	PASS
			5360~40000	25207.49	-37.51	≤-27	PASS
		5240	30~5140	5109.85	-46.81	≤-27	PASS
			5360~40000	26659.53	-37.49	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5138.13	-39.4	≤-27	PASS
			5360~40000	23459.7	-38.26	≤-27	PASS
		5230	30~5140	5132.68	-46.8	≤-27	PASS
			5360~40000	26836.98	-37.9	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5127.74	-36.46	≤-27	PASS
			5360~40000	24155.78	-38.33	≤-27	PASS

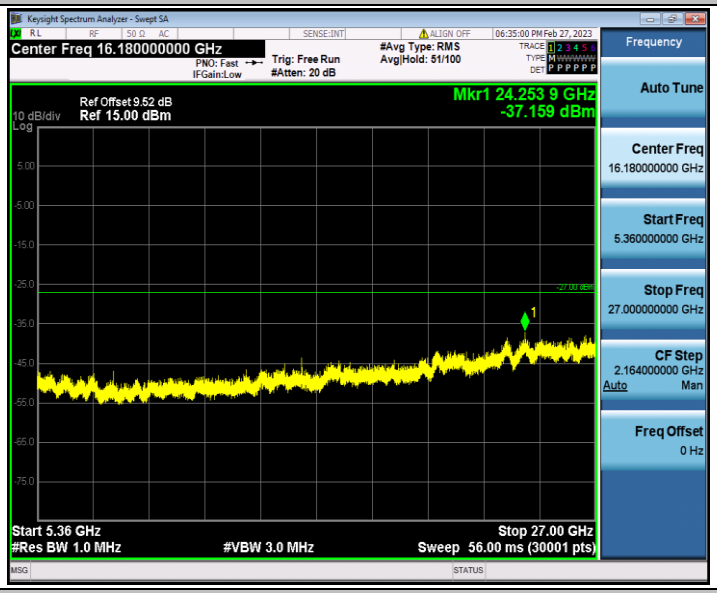
Test Graphs

11A_Ant1_5180_30~5140

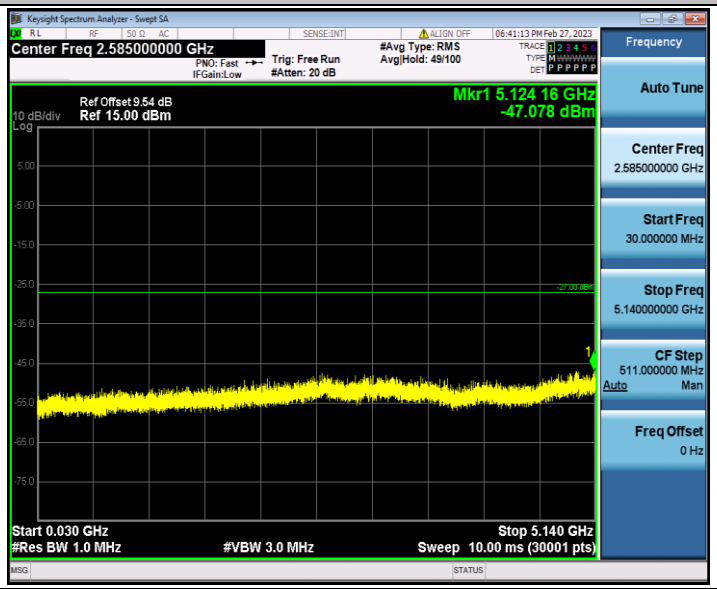
11A_Ant1_5180_5360~40000

11A_Ant1_5200_30~5140

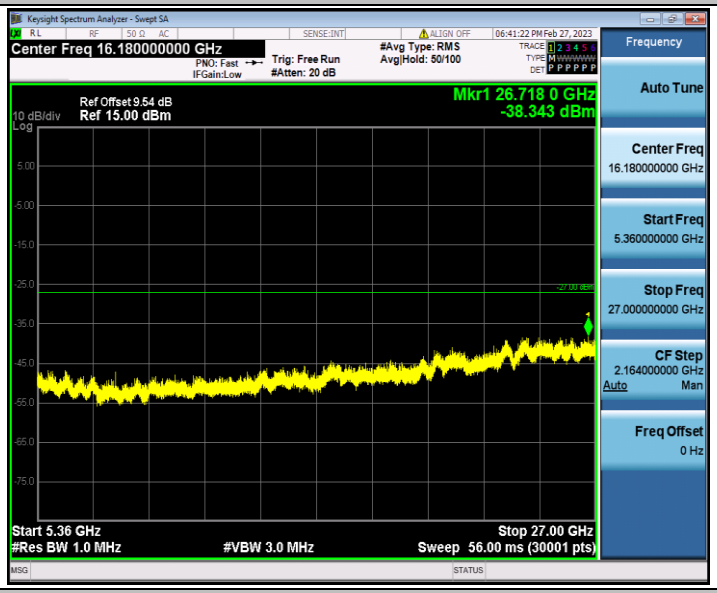
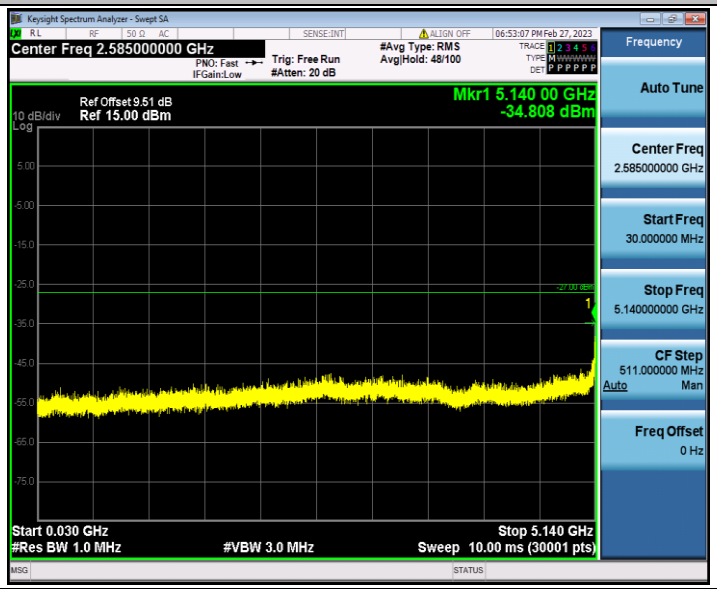


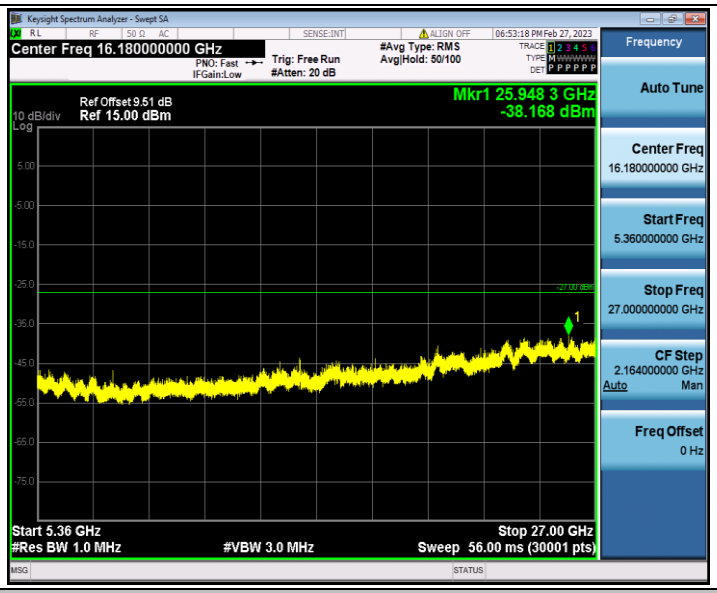
11A_Ant1_5200_5360~40000



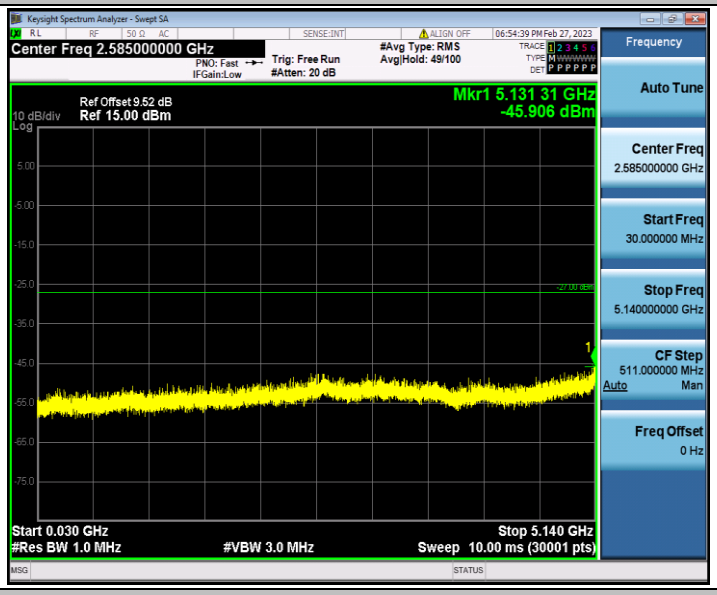
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000

11N20SISO_Ant1_5180_30~5140

11N20SISO_Ant1_5180_5360~40000



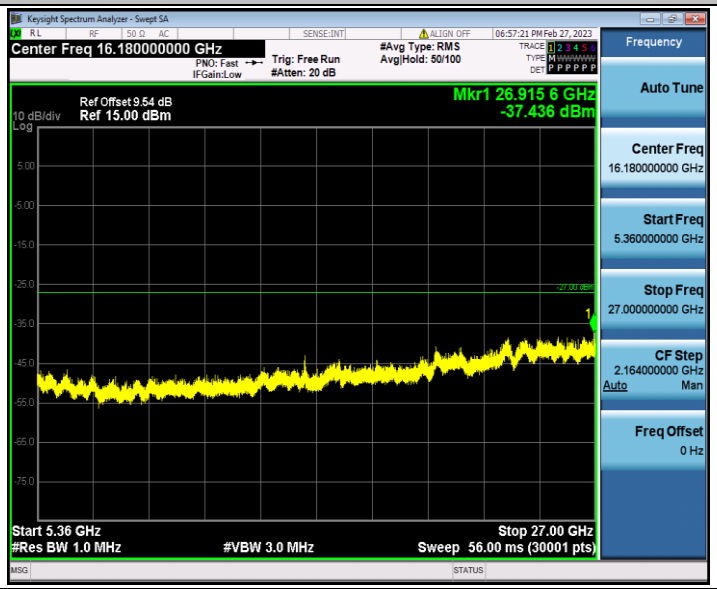
11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140

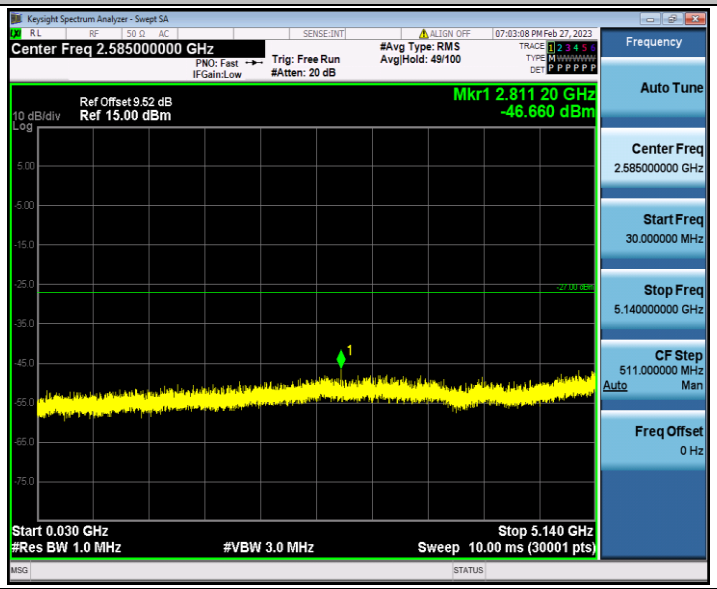
11N20SISO_Ant1_5240_5360~40000

11N40SISO_Ant1_5190_30~5140



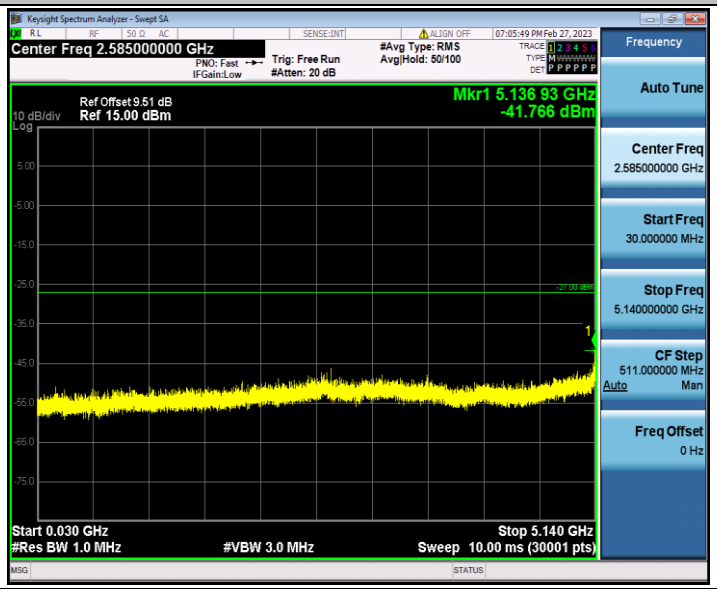
11N40SISO_Ant1_5190_5360~40000

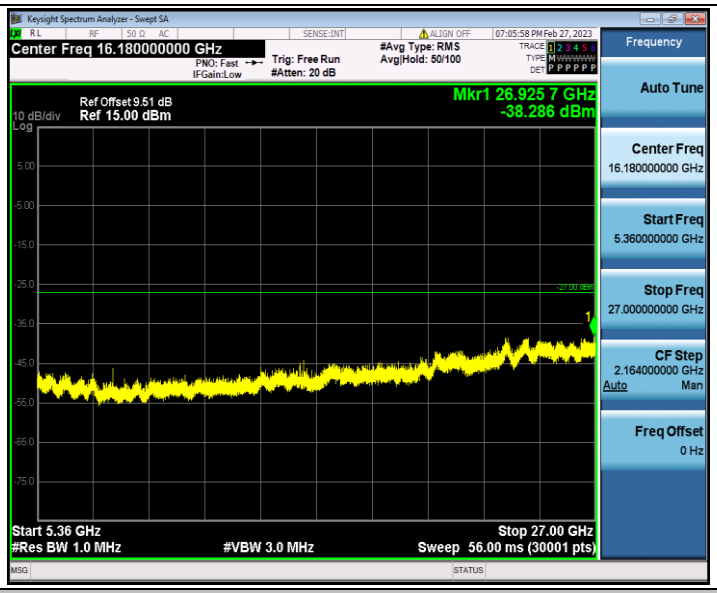


11N40SISO_Ant1_5230_30~5140

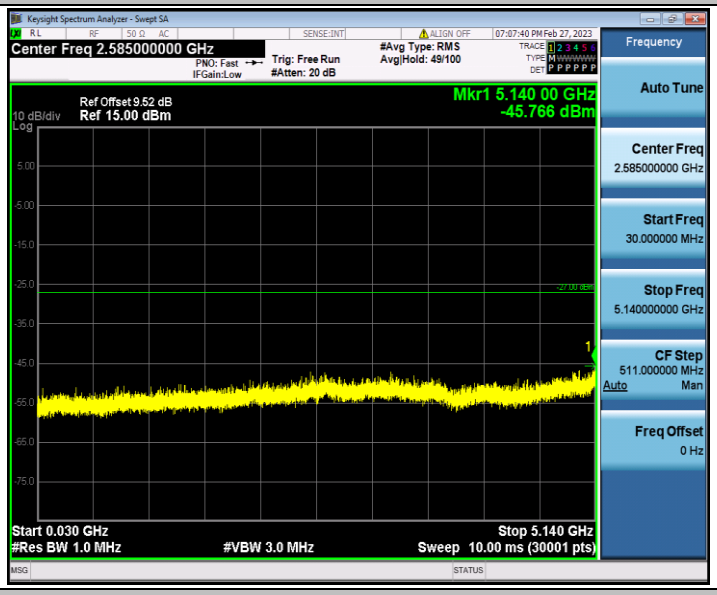


11N40SISO_Ant1_5230_5360~40000

11AC20SISO_Ant1_5180_30~5140

11AC20SISO_Ant1_5180_5360~40000



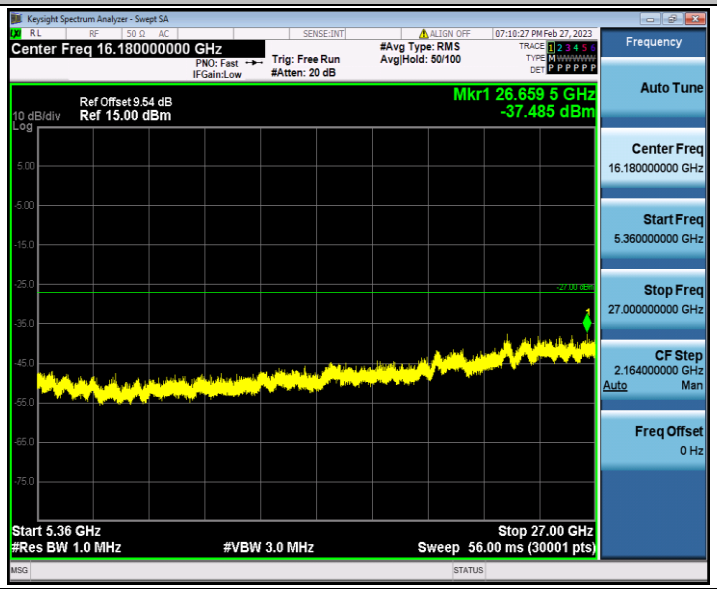
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11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140

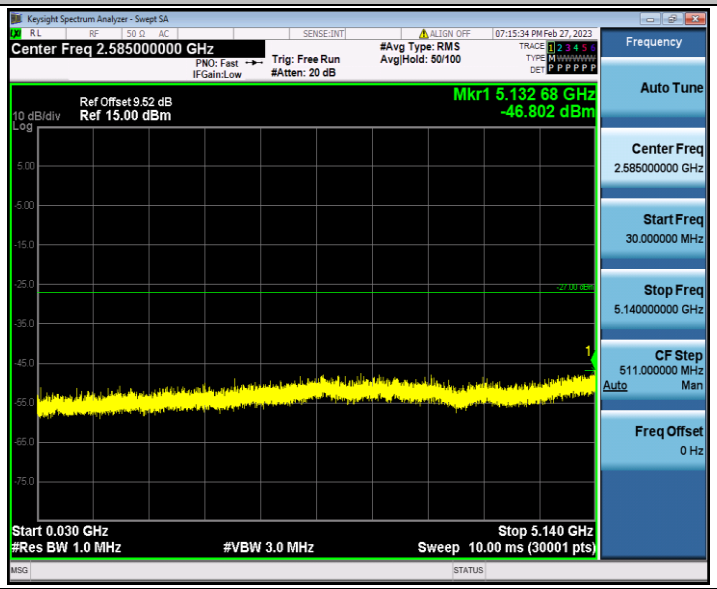
11AC20SISO_Ant1_5240_5360~40000

11AC40SISO_Ant1_5190_30~5140

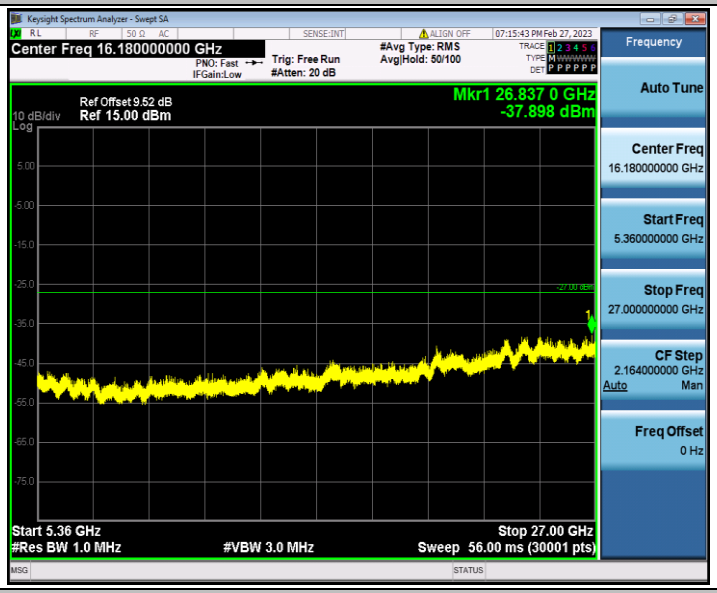
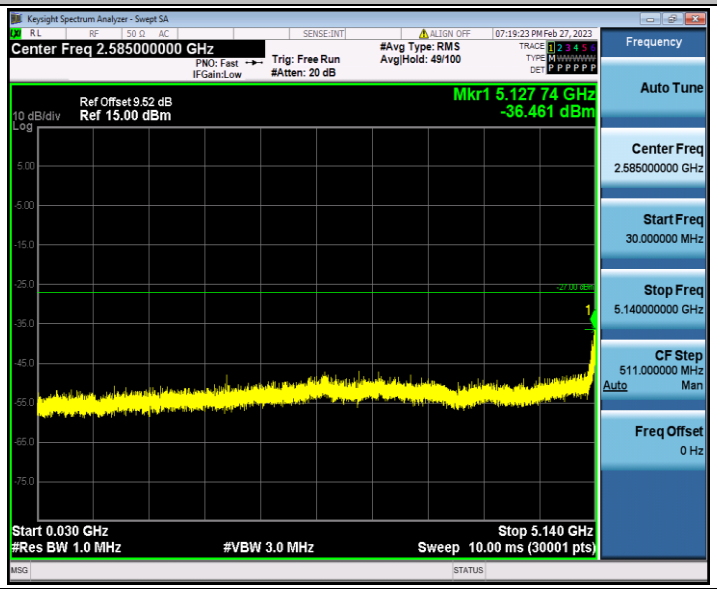


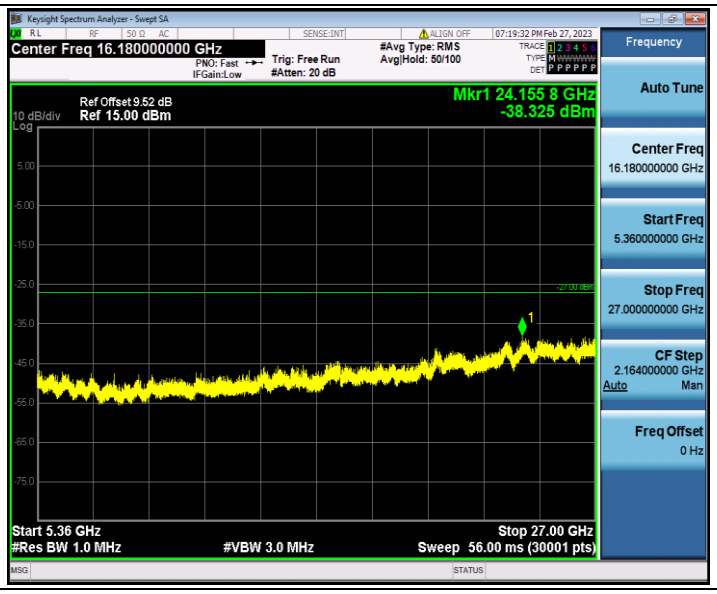
11AC40SISO_Ant1_5190_5360~40000



11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000

11AC80SISO_Ant1_5210_30~5140

11AC80SISO_Ant1_5210_5360~40000


Keysight Spectrum Analyzer - Swept SA
Center Freq 16.180000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
#Avg Type: RMS
Avg|Hold: 50/100
07:19:32 PM Feb 27, 2023
Ref Offset 9.52 dB
10 dB/div
Log
Ref 15.00 dBm
Mkr1 24.155 8 GHz
-38.325 dBm
Start 5.36 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 56.00 ms (30001 pts)
Frequency
Auto Tune
Center Freq
16.180000000 GHz
Start Freq
5.360000000 GHz
Stop Freq
27.000000000 GHz
CF Step
2.164000000 GHz
Auto
Man
Freq Offset
0 Hz