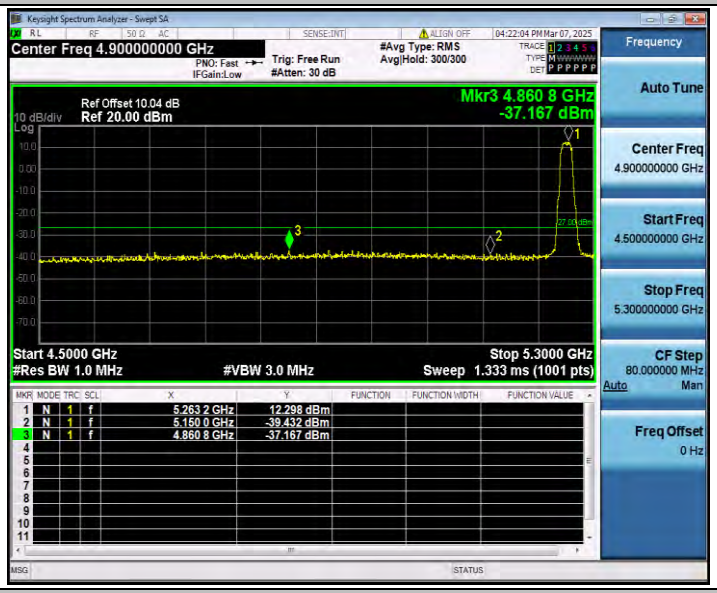
Appendix E.6: Band edge measurements

Test Result B2

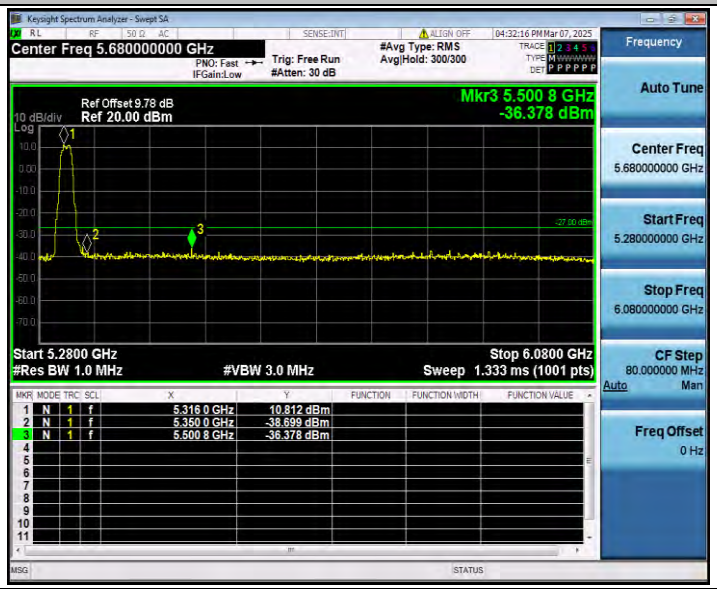
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5260	-37.17	≤-27	PASS
		High	5320	-36.38	≤-27	PASS
11N20SISO	Ant0	Low	5260	-37.17	≤-27	PASS
		High	5320	-37.75	≤-27	PASS
11N40SISO	Ant0	Low	5270	-36.64	≤-27	PASS
		High	5310	-34.36	≤-27	PASS
11AC20SISO	Ant0	Low	5260	-37.15	≤-27	PASS
		High	5320	-37.41	≤-27	PASS
11AC40SISO	Ant0	Low	5270	-36.85	≤-27	PASS
		High	5310	-32.78	≤-27	PASS
11AC80SISO	Ant0	Low	5290	-37.51	≤-27	PASS
		High	5290	-34.37	≤-27	PASS
11AX20SISO	Ant0	Low	5260	-36.81	≤-27	PASS
		High	5320	-37.93	≤-27	PASS
11AX40SISO	Ant0	Low	5270	-36.68	≤-27	PASS
		High	5310	-36.08	≤-27	PASS
11AX80SISO	Ant0	Low	5290	-37.15	≤-27	PASS
		High	5290	-35.87	≤-27	PASS

Test Graphs B2

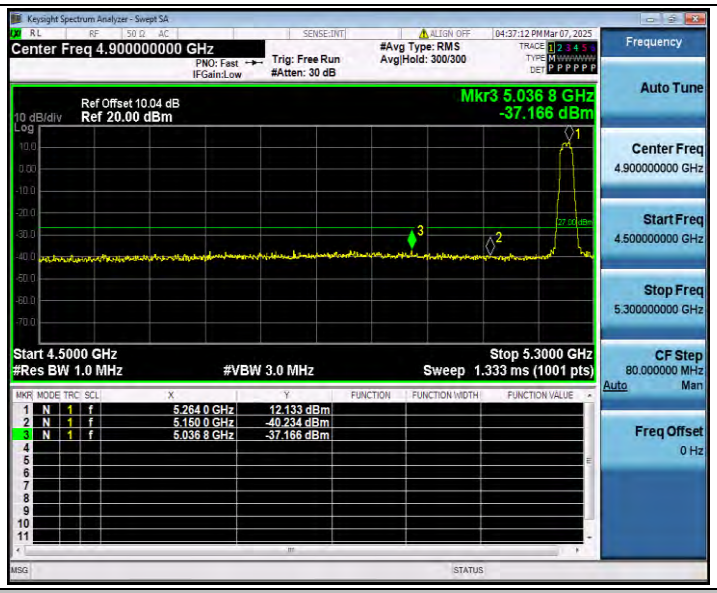
11A_Ant0_Low_5260



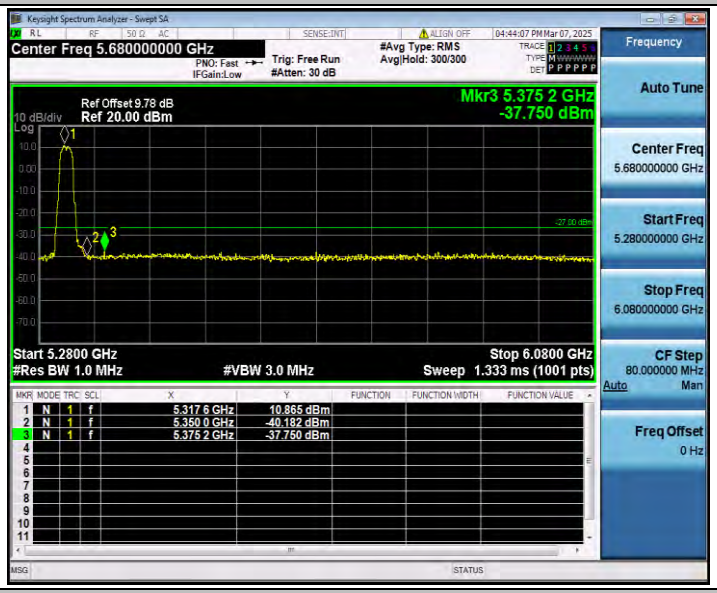
11A_Ant0_High_5320



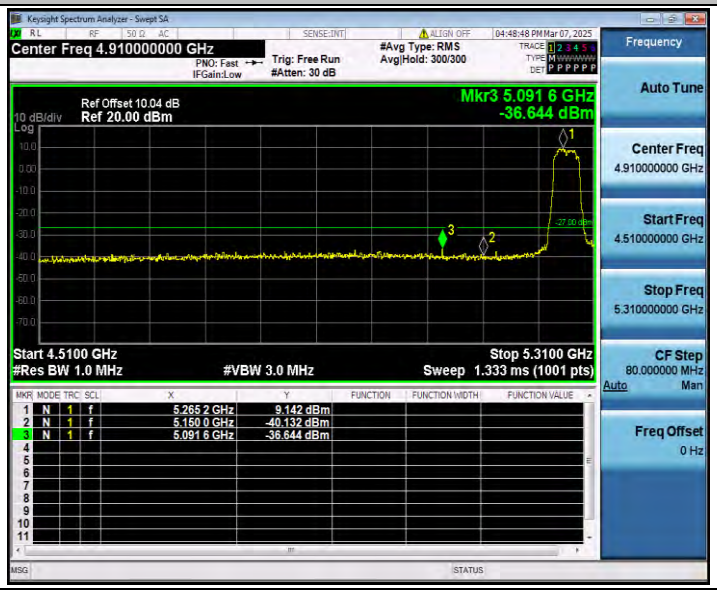
11N20SISO_Ant0_Low_5260



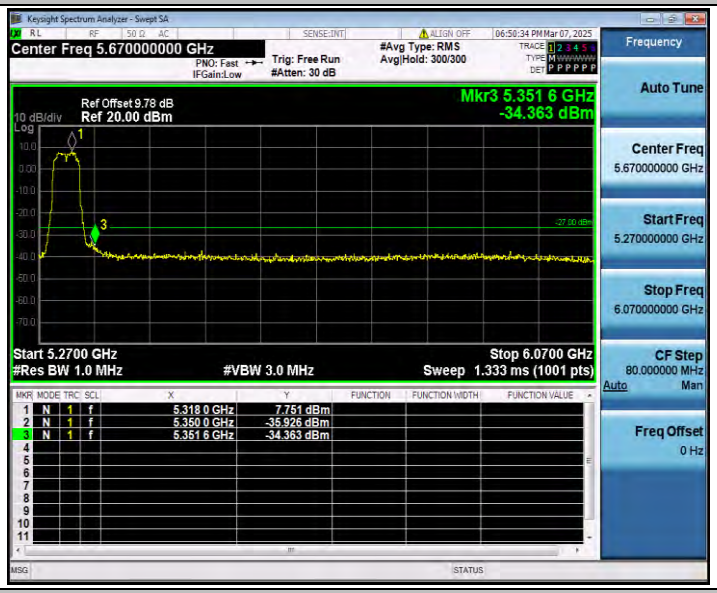
11N20SISO_Ant0_High_5320



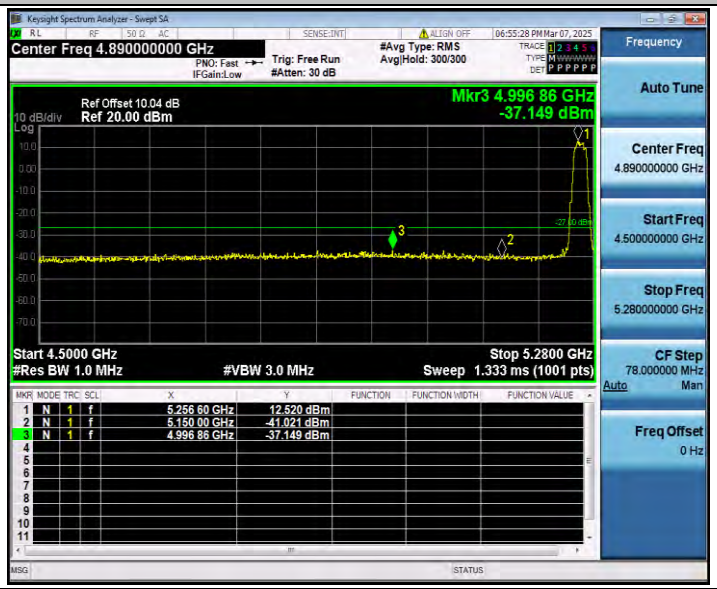
11N40SISO_Ant0_Low_5270



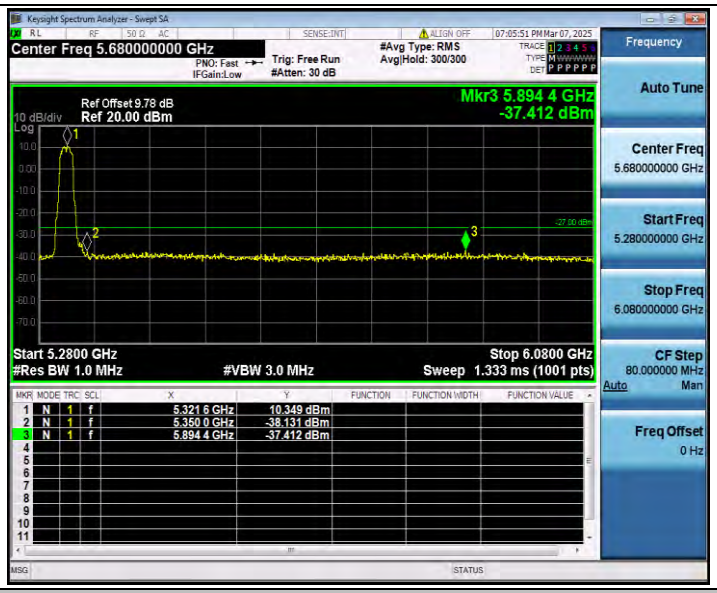
11N40SISO_Ant0_High_5310



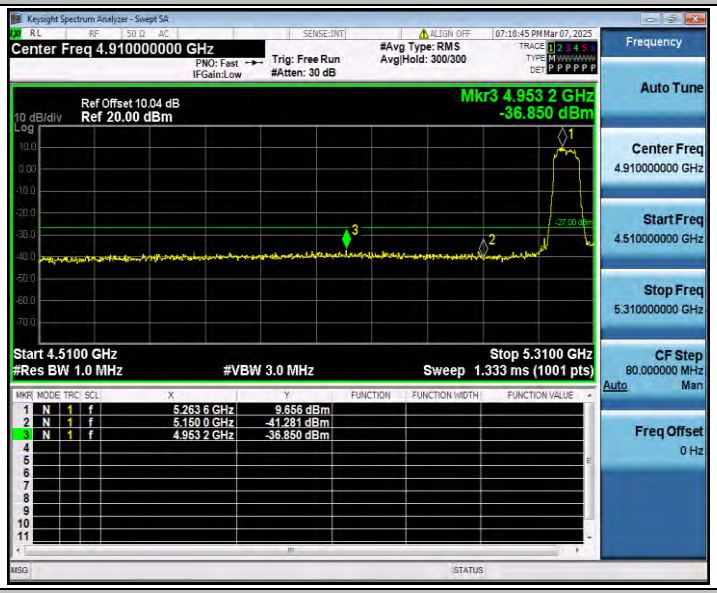
11AC20SISO_Ant0_Low_5260



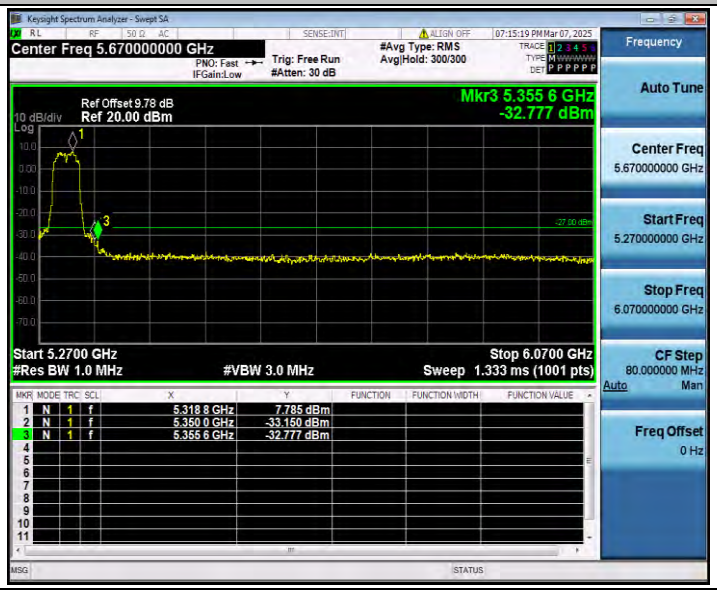
11AC20SISO_Ant0_High_5320



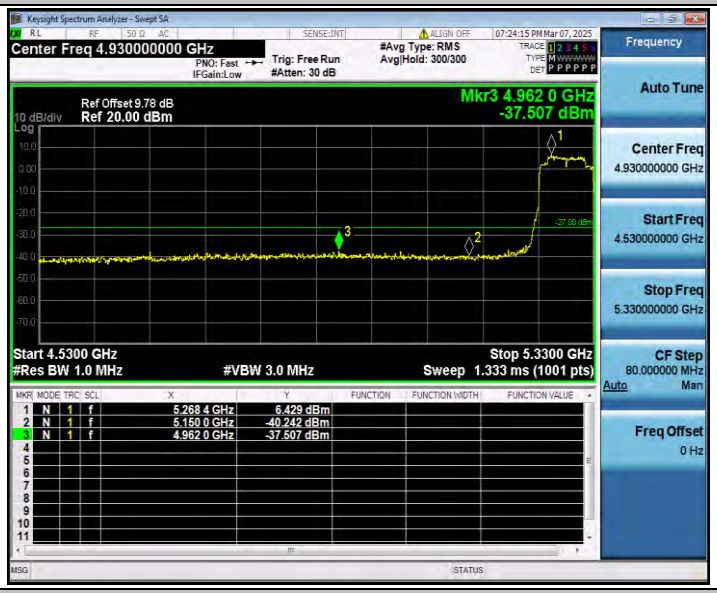
11AC40SISO_Ant0_Low_5270



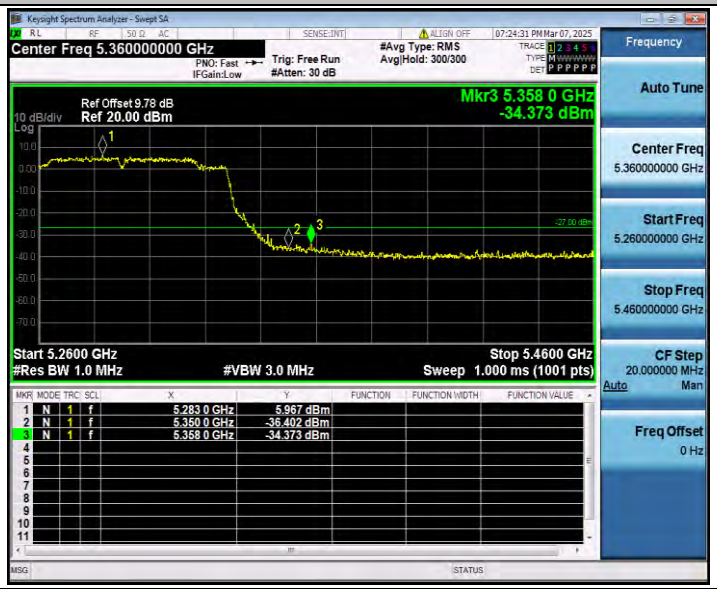
11AC40SISO_Ant0_High_5310



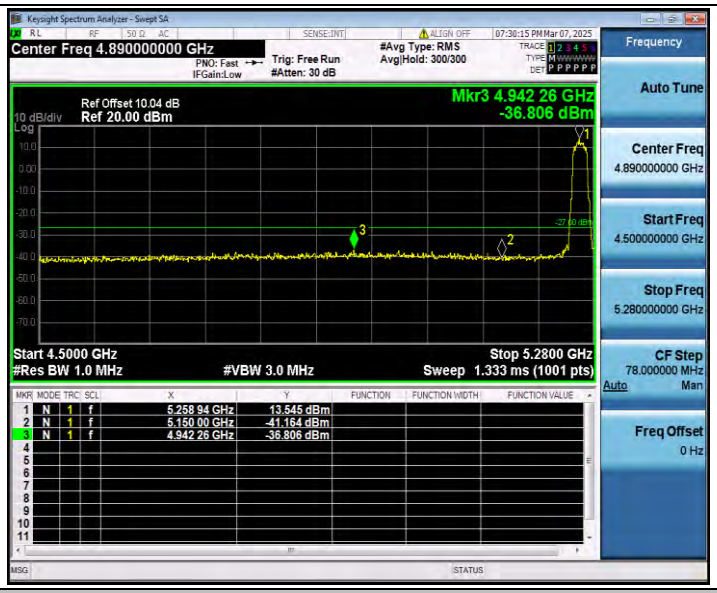
11AC80SISO_Ant0_Low_5290



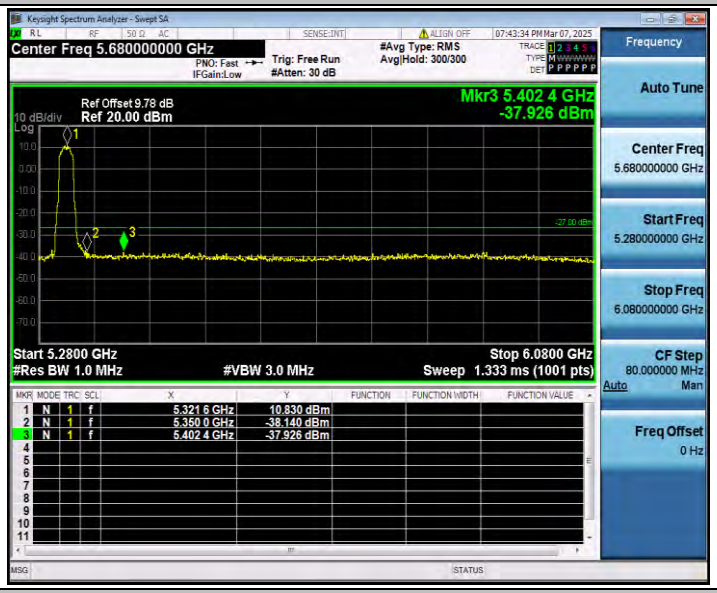
11AC80SISO_Ant0_High_5290



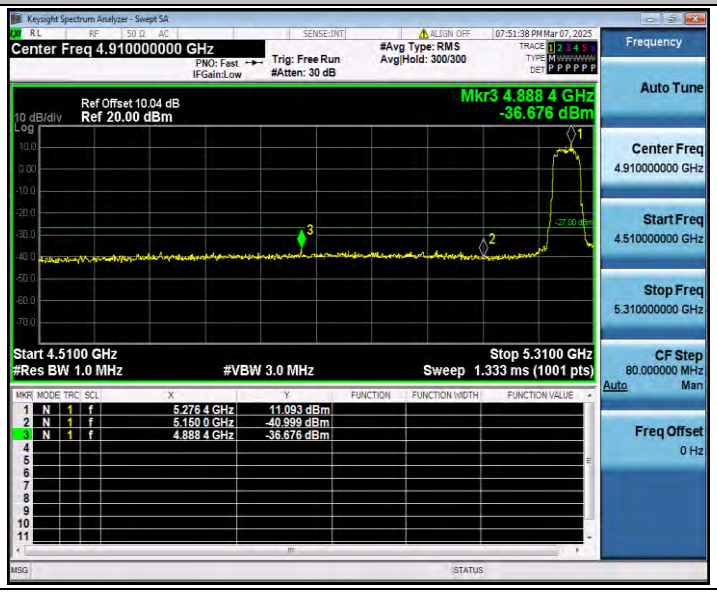
11AX20SISO_Ant0_Low_5260



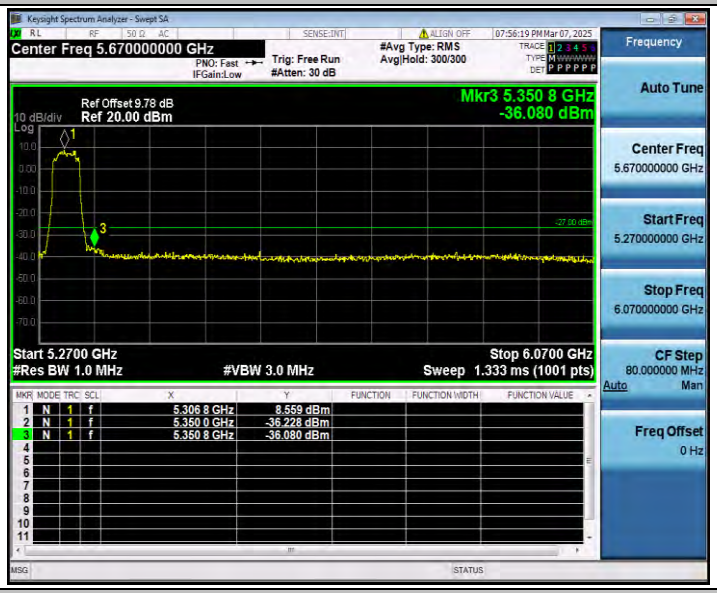
11AX20SISO_Ant0_High_5320



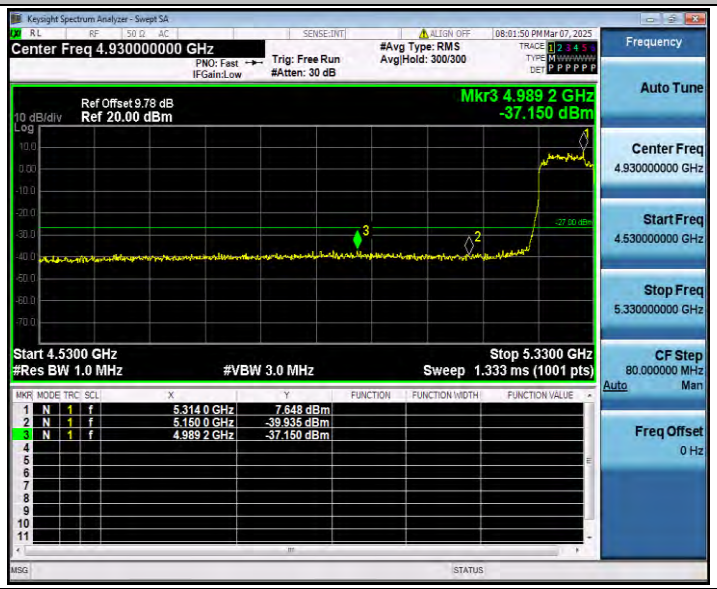
11AX40SISO_Ant0_Low_5270



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
08:02:07 PM Mar 07, 2025
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
Ref Offset 9.78 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr3 5.351 0 GHz
-35.868 dBm
-27.00 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 5.289 2 GHz 7.044 dBm
2 N 1 f 5.350 0 GHz -37.657 dBm
3 N 1 f 5.351 0 GHz -35.868 dBm

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	3307.72	-46.78	≤-27	PASS
			5360~27000	23528.22	-37.41	≤-27	PASS
		5280	30~5140	3083.91	-46.36	≤-27	PASS
			5360~27000	24285.62	-37.46	≤-27	PASS
		5320	30~5140	5003.56	-46.07	≤-27	PASS
			5360~27000	25657.6	-37.94	≤-27	PASS
11N20SISO	Ant0	5260	30~5140	2655.86	-45.94	≤-27	PASS
			5360~27000	23599.63	-37.62	≤-27	PASS
		5280	30~5140	2704.74	-46.01	≤-27	PASS
			5360~27000	24190.41	-37.14	≤-27	PASS
		5320	30~5140	5033.71	-46.53	≤-27	PASS
			5360~27000	24861.25	-37.7	≤-27	PASS
11N40SISO	Ant0	5270	30~5140	2641.55	-45.7	≤-27	PASS
			5360~27000	26043.51	-36.75	≤-27	PASS
		5310	30~5140	5133.19	-44.78	≤-27	PASS
			5360~27000	26614.09	-37.61	≤-27	PASS
11AC20SISO	Ant0	5260	30~5140	3286.26	-46.39	≤-27	PASS
			5360~27000	26059.38	-37.12	≤-27	PASS
		5280	30~5140	4932.87	-46.62	≤-27	PASS
			5360~27000	23536.88	-37.33	≤-27	PASS
		5320	30~5140	2637.12	-46.55	≤-27	PASS
			5360~27000	26743.21	-37.36	≤-27	PASS
11AC40SISO	Ant0	5270	30~5140	4970.52	-46.48	≤-27	PASS
			5360~27000	25012.01	-37.5	≤-27	PASS
		5310	30~5140	4924.87	-46.67	≤-27	PASS
			5360~27000	25048.79	-37.36	≤-27	PASS
11AC80SISO	Ant0	5290	30~5140	5122.12	-45.77	≤-27	PASS
			5360~27000	24204.11	-37.39	≤-27	PASS
11AX20SISO	Ant0	5260	30~5140	4905.62	-44.64	≤-27	PASS
			5360~27000	26454.67	-37.13	≤-27	PASS
		5280	30~5140	2785.48	-46.53	≤-27	PASS
			5360~27000	24241.62	-37.68	≤-27	PASS
		5320	30~5140	3049.67	-46.32	≤-27	PASS
			5360~27000	26064.43	-37.68	≤-27	PASS
11AX40SISO	Ant0	5270	30~5140	5022.13	-45.89	≤-27	PASS
			5360~27000	26873.05	-37.16	≤-27	PASS

		5310	30~5140	5110.87	-45.38	≤-27	PASS
			5360~27000	24351.99	-37.52	≤-27	PASS
11AX80SISO	Ant0	5290	30~5140	4968.47	-46.27	≤-27	PASS
			5360~27000	24247.39	-37.75	≤-27	PASS

Test Graphs

11A_Ant0_5260_30~5140

11A_Ant0_5260_5360~27000

11A_Ant0_5280_30~5140

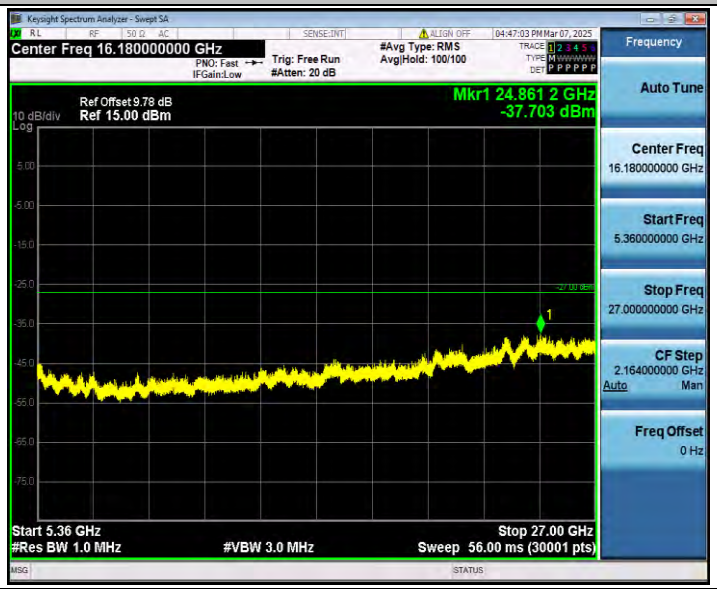
11A_Ant0_5280_5360~27000

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

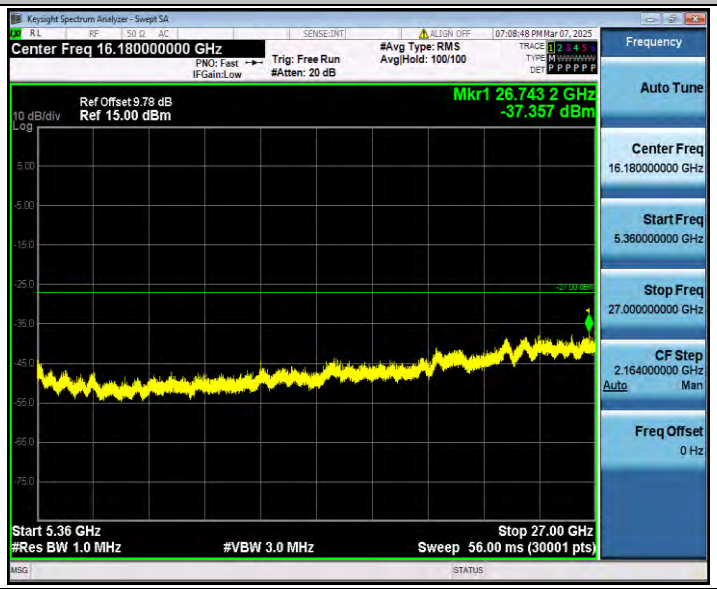
11N40SISO_Ant0_5310_5360~27000

11AC20SISO_Ant0_5260_30~5140

11AC20SISO_Ant0_5260_5360~27000

11AC20SISO_Ant0_5280_30~5140

11AC20SISO_Ant0_5280_5360~27000

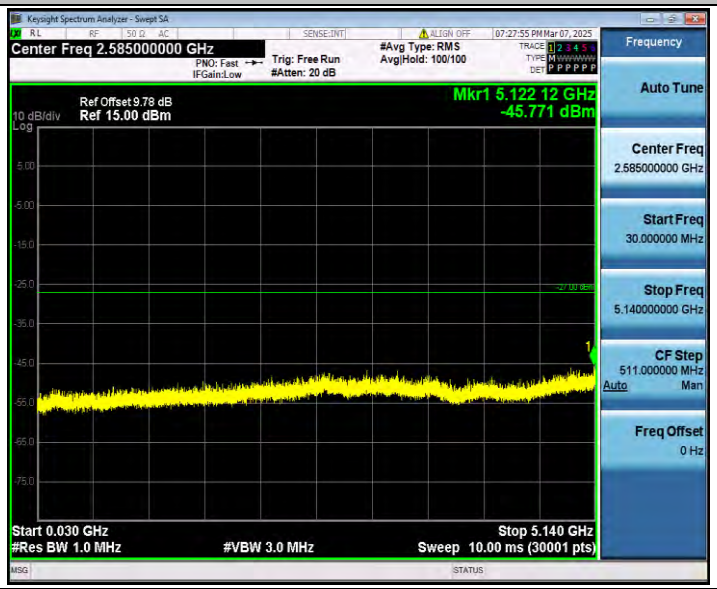
11AC20SISO_Ant0_5320_30~5140
11AC20SISO_Ant0_5320_5360~27000

11AC40SISO_Ant0_5270_30~5140

11AC40SISO_Ant0_5270_5360~27000

11AC40SISO_Ant0_5310_30~5140

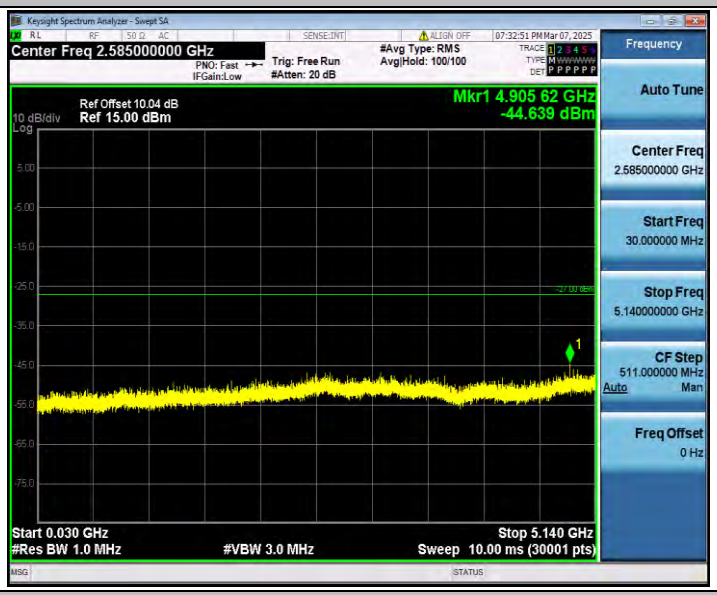
11AC40SISO_Ant0_5310_5360~27000

11AC80SISO_Ant0_5290_30~5140



11AC80SISO_Ant0_5290_5360~27000

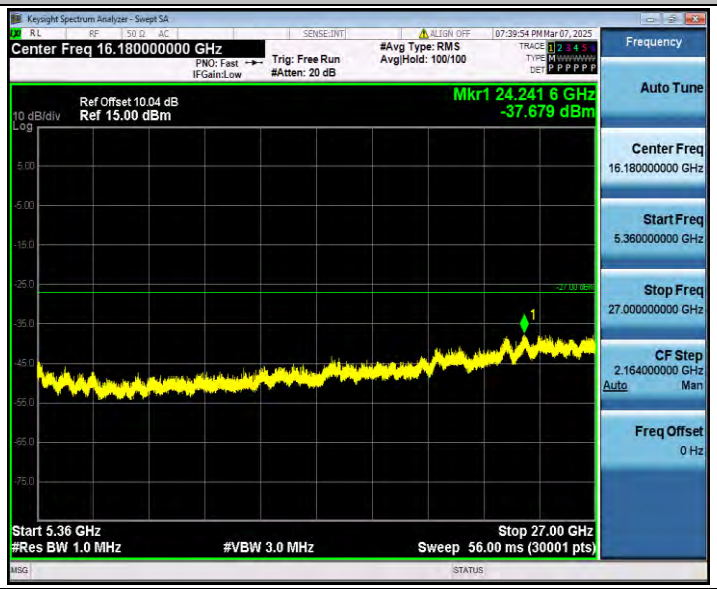
11AX20SISO_Ant0_5260_30~5140



11AX20SISO_Ant0_5260_5360~27000

11AX20SISO_Ant0_5280_30~5140

11AX20SISO_Ant0_5280_5360~27000



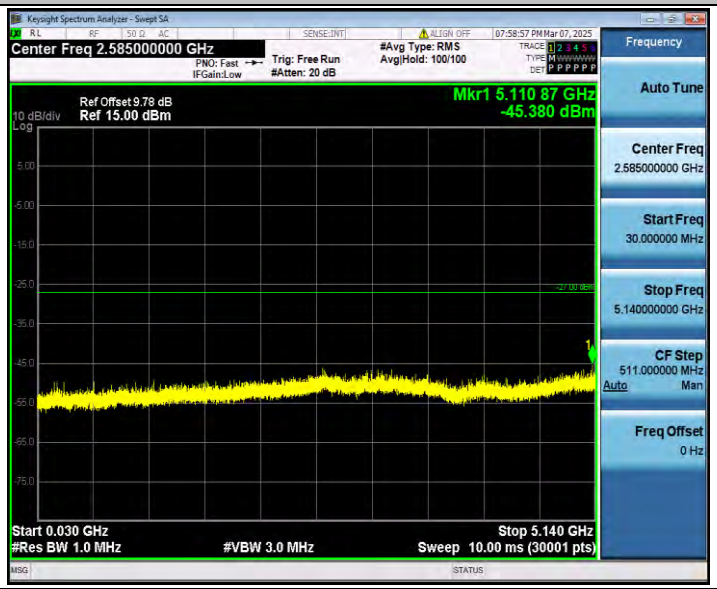
11AX20SISO_Ant0_5320_30~5140

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