Appendix G.6: Band edge measurements

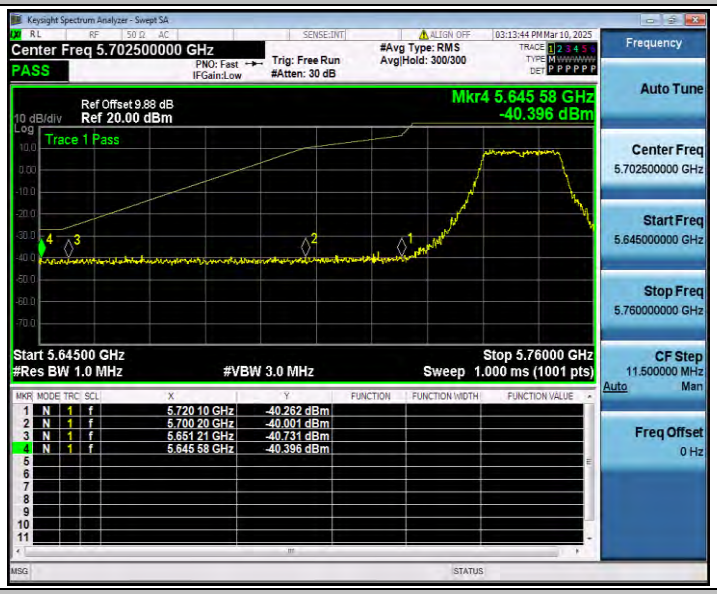
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-40.73	≤-26.10	PASS
				5700~5720	-40	≤10.06	PASS
				5720~5725	-40.26	≤15.82	PASS
				5760~5650	-40.4	≤-27	PASS
		High	5825	5850~5855	-36.98	≤16.34	PASS
				5855~5875	-37.88	≤10.97	PASS
				5875~5925	-39.38	≤-26.81	PASS
				5925~5935	-37.56	≤-27	PASS
11N20SISO	Ant0	Low	5745	5650~5700	-38.27	≤-25.00	PASS
				5700~5720	-38.89	≤11.05	PASS
				5720~5725	-39.29	≤16.34	PASS
				5760~5650	-39	≤-27	PASS
		High	5825	5850~5855	-34.37	≤17.57	PASS
				5855~5875	-38.09	≤10.02	PASS
				5875~5925	-39.15	≤-26.81	PASS
				5925~5935	-37.85	≤-27	PASS
11N40SISO	Ant0	Low	5755	5650~5700	-39.7	≤-26.20	PASS
				5700~5720	-31.51	≤15.31	PASS
				5720~5725	-34.49	≤15.74	PASS
				5780~5650	-38.28	≤-27	PASS
		High	5795	5850~5855	-34.84	≤18.67	PASS
				5855~5875	-37.75	≤10.53	PASS
				5875~5925	-39.34	≤-26.71	PASS
				5925~5935	-37.93	≤-27	PASS
11AC20SISO	Ant0	Low	5745	5650~5700	-39.99	≤-26.87	PASS
				5700~5720	-38.54	≤10.60	PASS
				5720~5725	-38.83	≤16.34	PASS
				5760~5650	-38.98	≤-27	PASS
		High	5825	5850~5855	-37.69	≤15.73	PASS
				5855~5875	-38.45	≤10.17	PASS
				5875~5925	-38.08	≤-26.61	PASS
				5925~5935	-38.26	≤-27	PASS
11AC40SISO	Ant0	Low	5755	5650~5700	-40.11	≤-26.10	PASS
				5700~5720	-28.9	≤14.67	PASS
				5720~5725	-29.8	≤16.35	PASS
				5780~5650	-39.4	≤-27	PASS

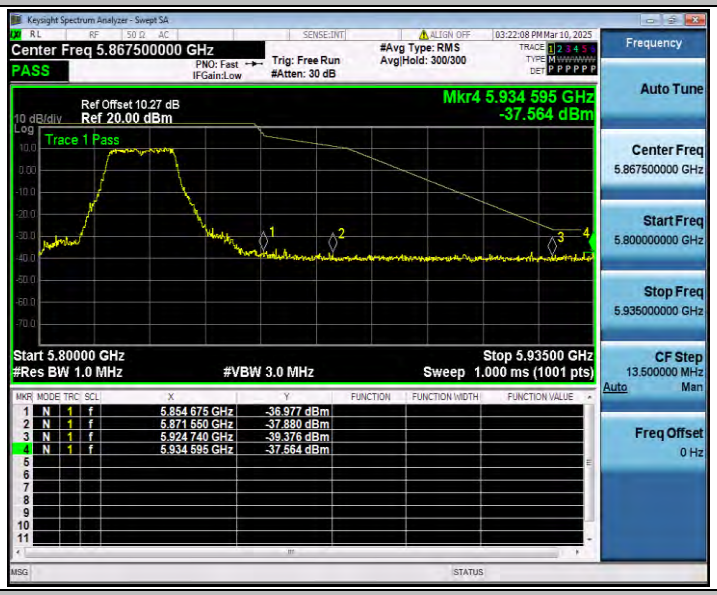
		High	5795	5850~5855	-35.93	≤15.66	PASS
				5855~5875	-37.5	≤10.16	PASS
				5875~5925	-38.69	≤-26.83	PASS
				5925~5935	-38.22	≤-27	PASS
11AC80SISO	Ant0	Low	5775	5650~5700	-39.14	≤-26.57	PASS
				5700~5720	-38.03	≤10.14	PASS
				5720~5725	-35	≤16.00	PASS
				5800~5650	-38.37	≤-27	PASS
		High	5775	5850~5855	-33.02	≤17.10	PASS
				5855~5875	-36.23	≤11.07	PASS
				5875~5925	-39.61	≤-26.87	PASS
				5925~5935	-38	≤-27	PASS
11AX20SISO	Ant0	Low	5745	5650~5700	-39.54	≤-25.68	PASS
				5700~5720	-39.15	≤10.67	PASS
				5720~5725	-38.98	≤16.60	PASS
				5760~5650	-38.89	≤-27	PASS
		High	5825	5850~5855	-37.17	≤15.73	PASS
				5855~5875	-38.73	≤10.44	PASS
				5875~5925	-39.56	≤-26.71	PASS
				5925~5935	-38.4	≤-27	PASS
11AX40SISO	Ant0	Low	5755	5650~5700	-39.14	≤-26.80	PASS
				5700~5720	-37.99	≤10.02	PASS
				5720~5725	-32.69	≤18.20	PASS
				5780~5650	-38.46	≤-27	PASS
		High	5795	5850~5855	-37.54	≤15.66	PASS
				5855~5875	-36.83	≤10.16	PASS
				5875~5925	-39	≤-26.95	PASS
				5925~5935	-38.34	≤-27	PASS
11AX80SISO	Ant0	Low	5775	5650~5700	-39.88	≤-26.69	PASS
				5700~5720	-38.34	≤10.01	PASS
				5720~5725	-36.67	≤16.00	PASS
				5800~5650	-39.11	≤-27	PASS
		High	5775	5850~5855	-37.14	≤16.68	PASS
				5855~5875	-37.52	≤10.40	PASS
				5875~5925	-38.97	≤-26.73	PASS
				5925~5935	-38.85	≤-27	PASS

Test Graphs B4

11A_Ant0_Low_5745

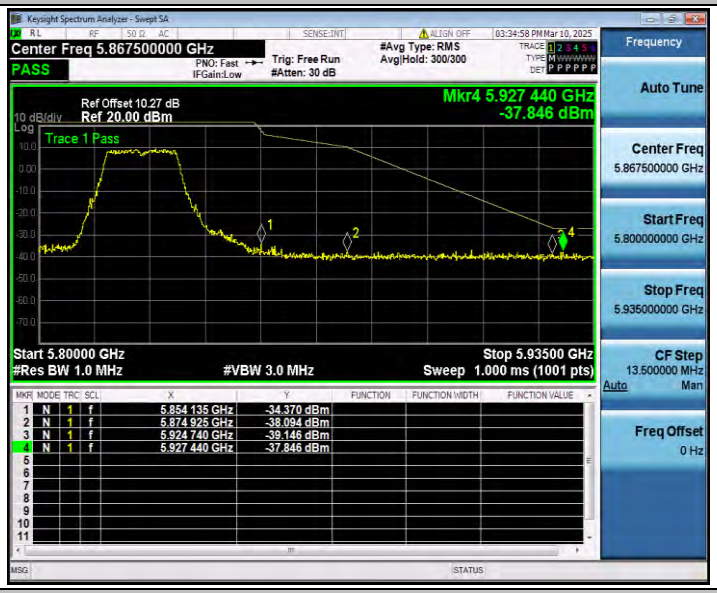


11A_Ant0_High_5825



11N20SISO_Ant0_Low_5745

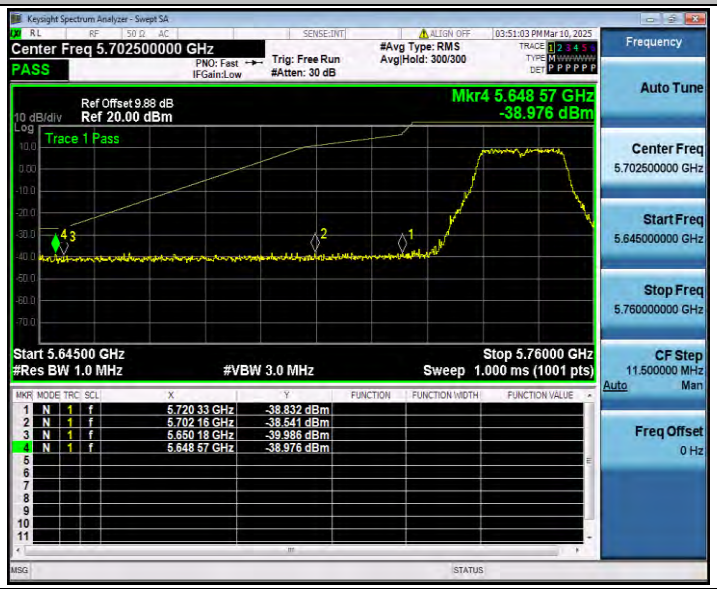
11N20SISO_Ant0_High_5825



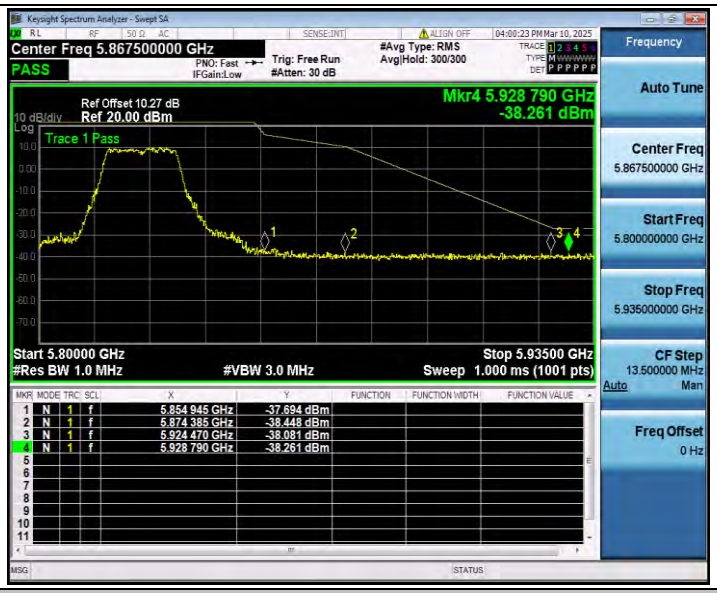
11N40SISO_Ant0_Low_5755

11N40SISO_Ant0_High_5795

11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



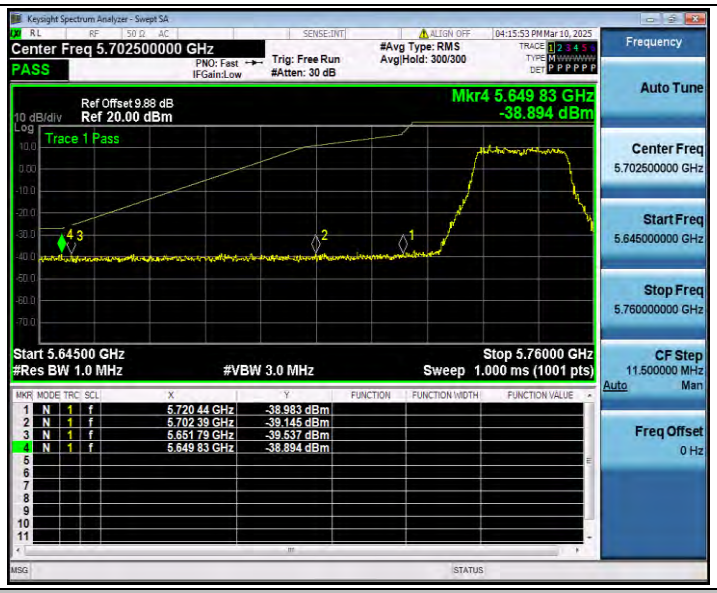
11AC40SISO_Ant0_Low_5755

11AC40SISO_Ant0_High_5795

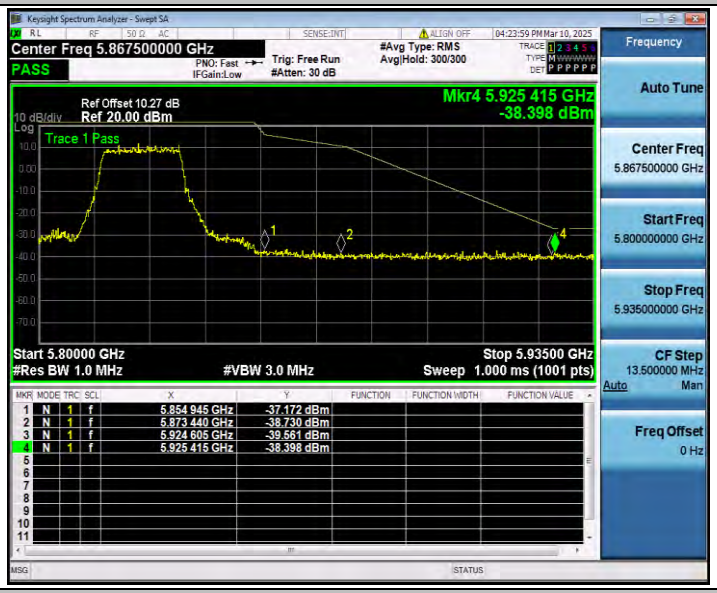
11AC80SISO_Ant0_Low_5775

11AC80SISO_Ant0_High_5775

11AX20SISO_Ant0_Low_5745



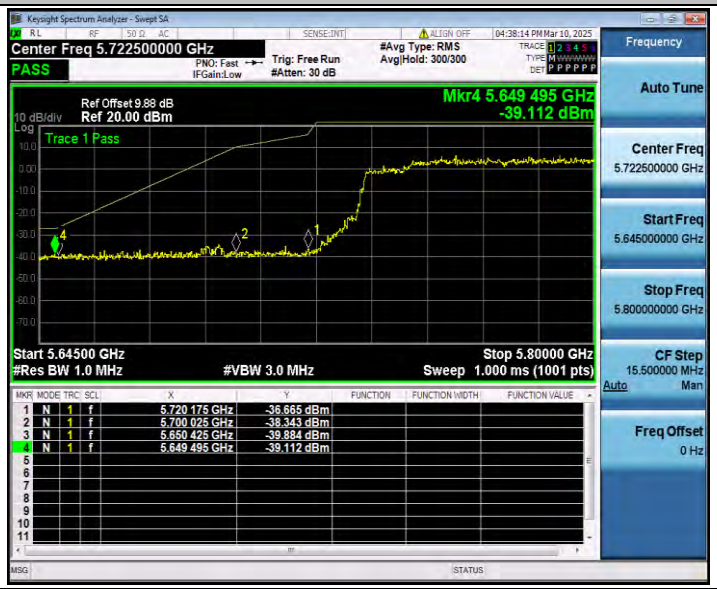
11AX20SISO_Ant0_High_5825



11AX40SISO_Ant0_Low_5755

11AX40SISO_Ant0_High_5795

11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_High_5775

Keysight Spectrum Analyzer - Swept SA
Center Freq 5.842500000 GHz
PASS
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 300/300
Ref Offset 9.88 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 5.928 155 GHz
-38.845 dBm
Trace 1 Pass
Start 5.75000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 5.93500 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 5.854 525 GHz -37.144 dBm
2 N 1 f 5.873 580 GHz -37.524 dBm
3 N 1 f 5.924 640 GHz -38.970 dBm
4 N 1 f 5.928 155 GHz -38.845 dBm
Frequency
Auto Tune
Center Freq
5.842500000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.935000000 GHz
CF Step
18.500000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix G.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	5585.56	-40.79	≤-27	PASS
			5925~27000	24746.38	-32.54	≤-27	PASS
		5785	30~5650	5426.89	-40.03	≤-27	PASS
			5925~27000	26549	-31.49	≤-27	PASS
		5825	30~5650	3254.19	-40.05	≤-27	PASS
			5925~27000	26667.72	-31.96	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	5508.19	-40.57	≤-27	PASS
			5925~27000	26539.86	-32.43	≤-27	PASS
		5785	30~5650	5563.83	-40.07	≤-27	PASS
			5925~27000	26953.64	-31.98	≤-27	PASS
		5825	30~5650	5474.28	-39.7	≤-27	PASS
			5925~27000	24885.48	-31.61	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5540.6	-40.38	≤-27	PASS
			5925~27000	24869.32	-31.87	≤-27	PASS
		5795	30~5650	5013.07	-39.63	≤-27	PASS
			5925~27000	23558.45	-31.3	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	5503.88	-40.19	≤-27	PASS
			5925~27000	26025.63	-31.86	≤-27	PASS
		5785	30~5650	5401.6	-39.12	≤-27	PASS
			5925~27000	23564.78	-31.75	≤-27	PASS
		5825	30~5650	5412.09	-40.35	≤-27	PASS
			5925~27000	26048.11	-32.23	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	5436.07	-40.37	≤-27	PASS
			5925~27000	26632.59	-32.62	≤-27	PASS
		5795	30~5650	5426.14	-38.74	≤-27	PASS
			5925~27000	23564.78	-32.08	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	5435.88	-40.07	≤-27	PASS
			5925~27000	26005.26	-32.43	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	5409.28	-40.23	≤-27	PASS
			5925~27000	25285.2	-31.88	≤-27	PASS
		5785	30~5650	5492.83	-40.35	≤-27	PASS
			5925~27000	24246.9	-31.77	≤-27	PASS
		5825	30~5650	5441.87	-39.86	≤-27	PASS
			5925~27000	23564.78	-30.88	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	5628.08	-40.07	≤-27	PASS
			5925~27000	24187.19	-32.29	≤-27	PASS

		5795	30~5650	4983.66	-39.99	≤-27	PASS
			5925~27000	25009.12	-31.51	≤-27	PASS
11AX80SISO	Ant0	5775	30~5650	5571.51	-39.4	≤-27	PASS
			5925~27000	24211.78	-31.28	≤-27	PASS

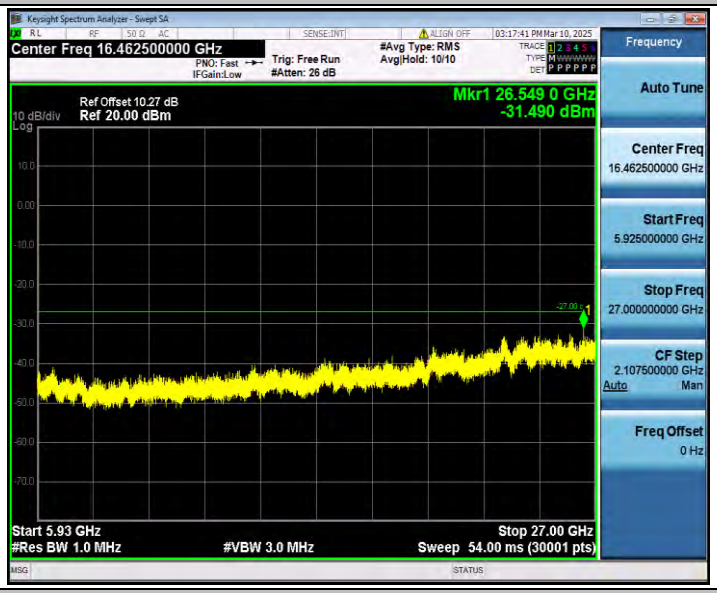
Test Graphs

11A_Ant0_5745_30~5650

11A_Ant0_5745_5925~27000

11A_Ant0_5785_30~5650

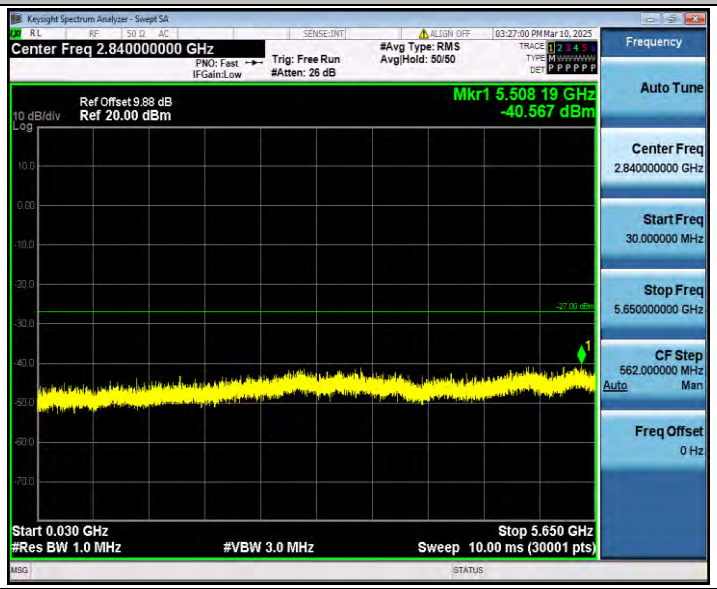
11A_Ant0_5785_5925~27000



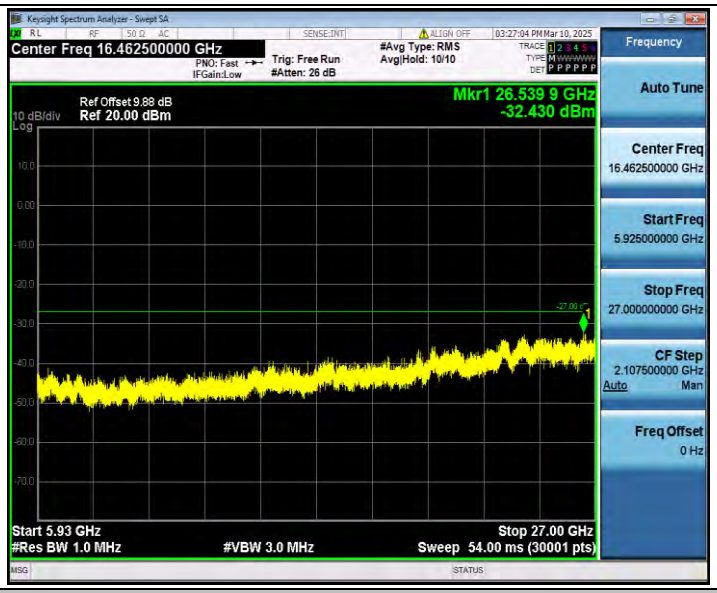
11A_Ant0_5825_30~5650

11A_Ant0_5825_5925~27000

11N20SISO_Ant0_5745_30~5650



11N20SISO_Ant0_5745_5925~27000



11N20SISO_Ant0_5785_30~5650

11N20SISO_Ant0_5785_5925~27000

11N20SISO_Ant0_5825_30~5650

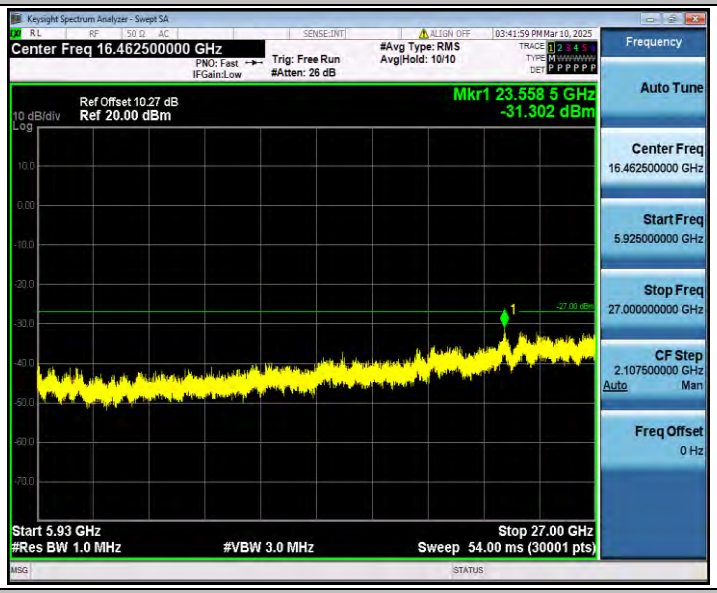
11N20SISO_Ant0_5825_5925~27000

11N40SISO_Ant0_5755_30~5650

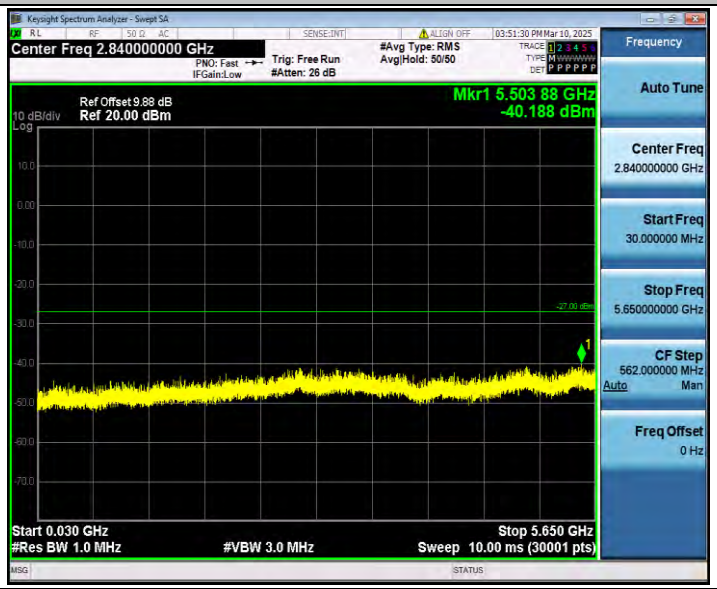
11N40SISO_Ant0_5755_5925~27000

11N40SISO_Ant0_5795_30~5650

11N40SISO_Ant0_5795_5925~27000



11AC20SISO_Ant0_5745_30~5650



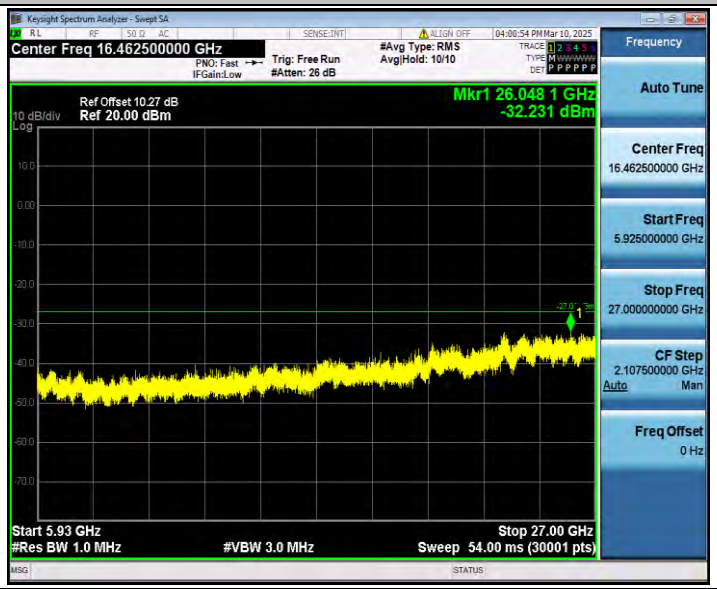
11AC20SISO_Ant0_5745_5925~27000

11AC20SISO_Ant0_5785_30~5650

11AC20SISO_Ant0_5785_5925~27000

11AC20SISO_Ant0_5825_30~5650

11AC20SISO_Ant0_5825_5925~27000



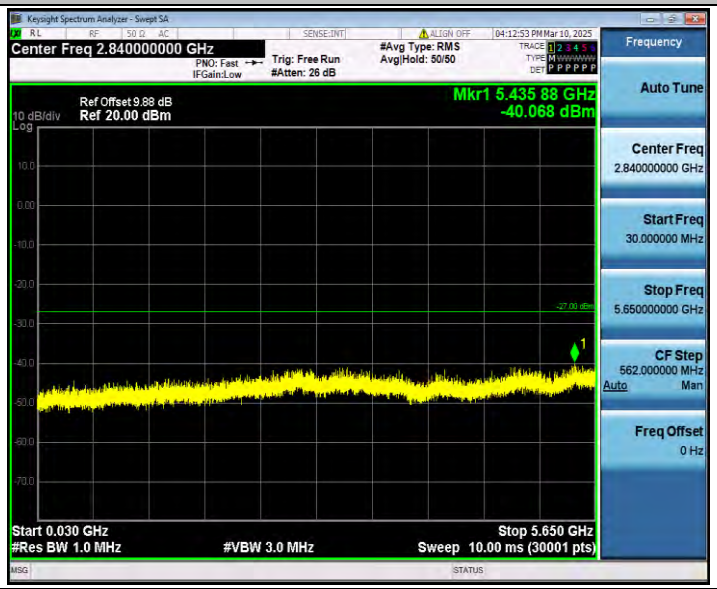
11AC40SISO_Ant0_5755_30~5650

11AC40SISO_Ant0_5755_5925~27000

11AC40SISO_Ant0_5795_30~5650

11AC40SISO_Ant0_5795_5925~27000

11AC80SISO_Ant0_5775_30~5650



11AC80SISO_Ant0_5775_5925~27000

11AX20SISO_Ant0_5745_30~5650

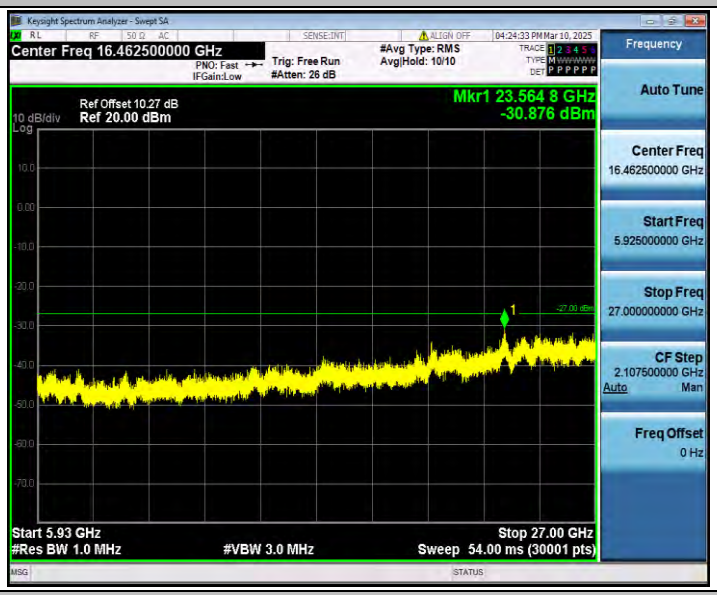
11AX20SISO_Ant0_5745_5925~27000

11AX20SISO_Ant0_5785_30~5650

11AX20SISO_Ant0_5785_5925~27000

11AX20SISO_Ant0_5825_30~5650

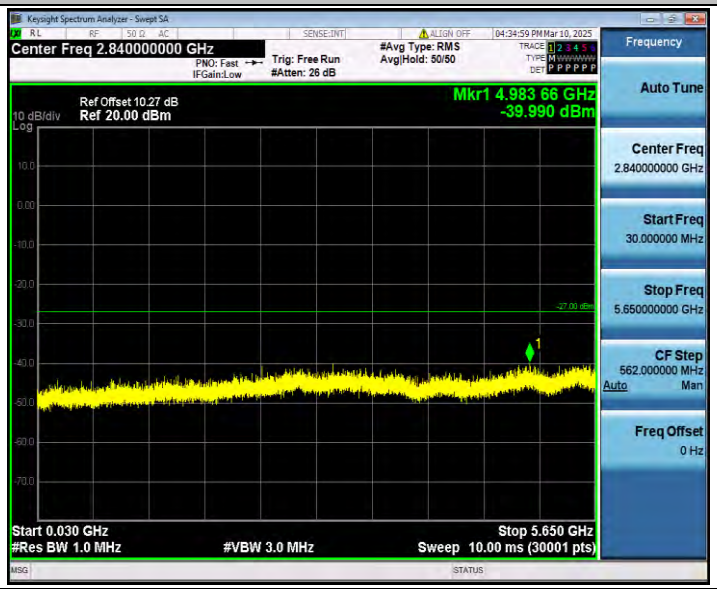
11AX20SISO_Ant0_5825_5925~27000



11AX40SISO_Ant0_5755_30~5650

11AX40SISO_Ant0_5755_5925~27000

11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~27000

11AX80SISO_Ant0_5775_30~5650

11AX80SISO_Ant0_5775_5925~27000