Appendix G.6: Band edge measurements

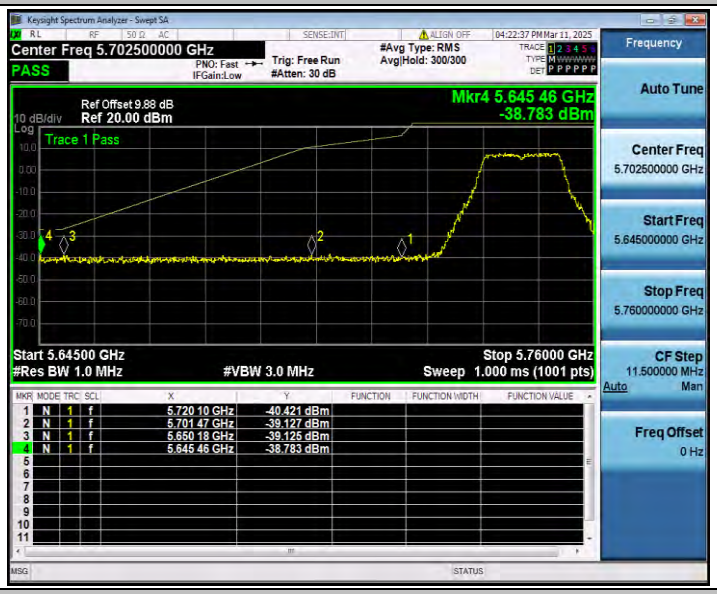
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.13	≤-26.87	PASS
				5700~5720	-39.13	≤10.41	PASS
				5720~5725	-40.42	≤15.82	PASS
				5760~5650	-38.78	≤-27	PASS
		High	5825	5850~5855	-39.28	≤15.73	PASS
				5855~5875	-38.58	≤10.17	PASS
				5875~5925	-39.67	≤-26.91	PASS
				5925~5935	-38.54	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.24	≤-26.62	PASS
				5700~5720	-38.97	≤10.67	PASS
				5720~5725	-39.9	≤16.60	PASS
				5760~5650	-40.02	≤-27	PASS
		High	5825	5850~5855	-37.9	≤15.73	PASS
				5855~5875	-38.9	≤10.40	PASS
				5875~5925	-38.97	≤-26.91	PASS
				5925~5935	-37.21	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-39.14	≤-26.50	PASS
				5700~5720	-38.04	≤10.48	PASS
				5720~5725	-36.6	≤15.74	PASS
				5780~5650	-39.33	≤-27	PASS
		High	5795	5850~5855	-37.98	≤16.03	PASS
				5855~5875	-38.23	≤10.25	PASS
				5875~5925	-40.02	≤-26.95	PASS
				5925~5935	-38.36	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-39.1	≤-26.36	PASS
				5700~5720	-39.85	≤10.12	PASS
				5720~5725	-39.36	≤15.82	PASS
				5760~5650	-39.58	≤-27	PASS
		High	5825	5850~5855	-37.97	≤15.73	PASS
				5855~5875	-38.35	≤10.02	PASS
				5875~5925	-39.51	≤-26.91	PASS
				5925~5935	-38.16	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-40.62	≤-26.60	PASS
				5700~5720	-37.88	≤11.04	PASS
				5720~5725	-35.9	≤15.74	PASS
				5780~5650	-38.65	≤-27	PASS

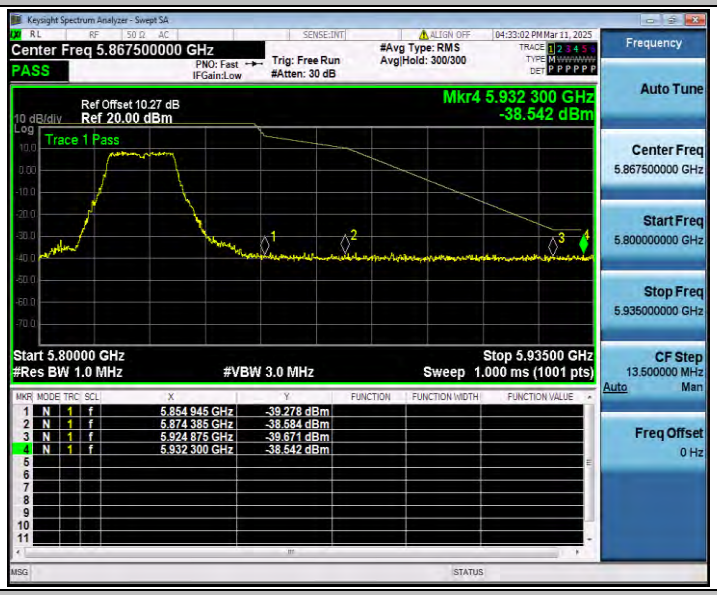
		High	5795	5850~5855	-38.97	≤15.66	PASS
				5855~5875	-37.65	≤10.11	PASS
				5875~5925	-39.56	≤-26.95	PASS
				5925~5935	-38.35	≤-27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-39.94	≤-26.69	PASS
				5700~5720	-37.62	≤10.57	PASS
				5720~5725	-38.16	≤16.00	PASS
				5800~5650	-39.58	≤-27	PASS
		High	5775	5850~5855	-38.64	≤16.26	PASS
				5855~5875	-38.12	≤11.23	PASS
				5875~5925	-39.44	≤-26.73	PASS
				5925~5935	-38.72	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-39.33	≤-26.62	PASS
				5700~5720	-38.74	≤10.57	PASS
				5720~5725	-39.92	≤15.82	PASS
				5760~5650	-39.68	≤-27	PASS
		High	5825	5850~5855	-38.84	≤16.65	PASS
				5855~5875	-38.63	≤10.02	PASS
				5875~5925	-39.77	≤-26.91	PASS
				5925~5935	-38.11	≤-27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-40.38	≤-26.90	PASS
				5700~5720	-37.72	≤11.69	PASS
				5720~5725	-36.18	≤16.04	PASS
				5780~5650	-39.37	≤-27	PASS
		High	5795	5850~5855	-38.39	≤15.66	PASS
				5855~5875	-37.48	≤10.02	PASS
				5875~5925	-40	≤-26.95	PASS
				5925~5935	-38.17	≤-27	PASS
11AX80SISO	Ant1	Low	5775	5650~5700	-40.55	≤-26.34	PASS
				5700~5720	-38.11	≤10.74	PASS
				5720~5725	-39.42	≤16.00	PASS
				5800~5650	-38.73	≤-27	PASS
		High	5775	5850~5855	-38.57	≤15.84	PASS
				5855~5875	-38.44	≤10.60	PASS
				5875~5925	-39.55	≤-26.73	PASS
				5925~5935	-38.46	≤-27	PASS

Test Graphs B4

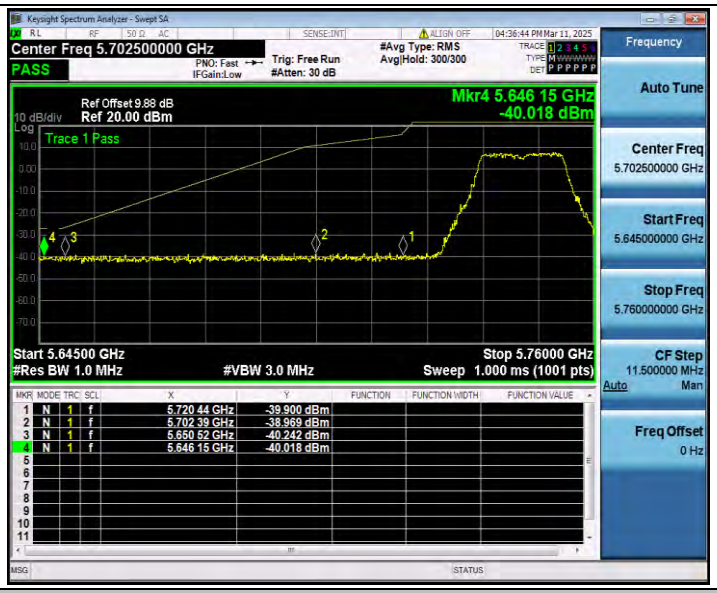
11A_Ant1_Low_5745



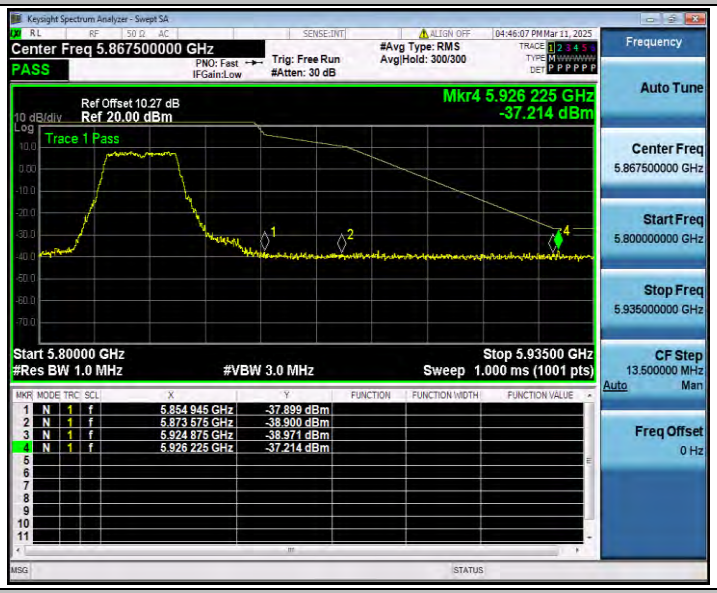
11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



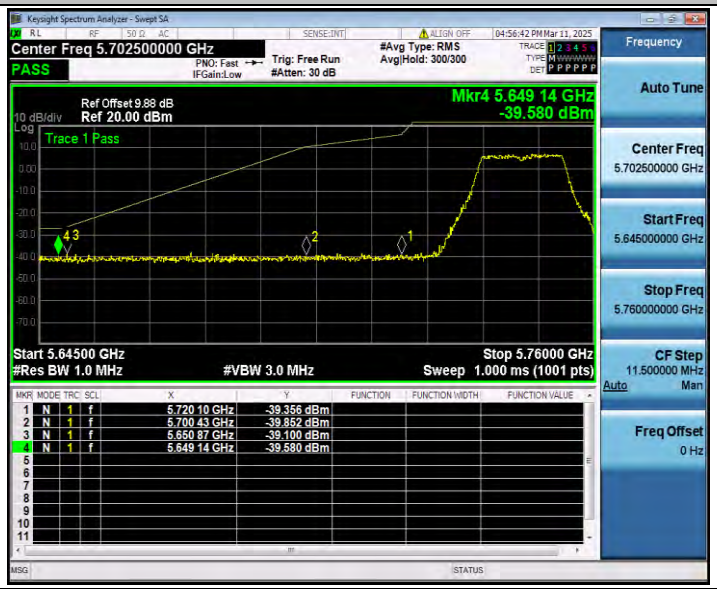
11N20SISO_Ant1_High_5825



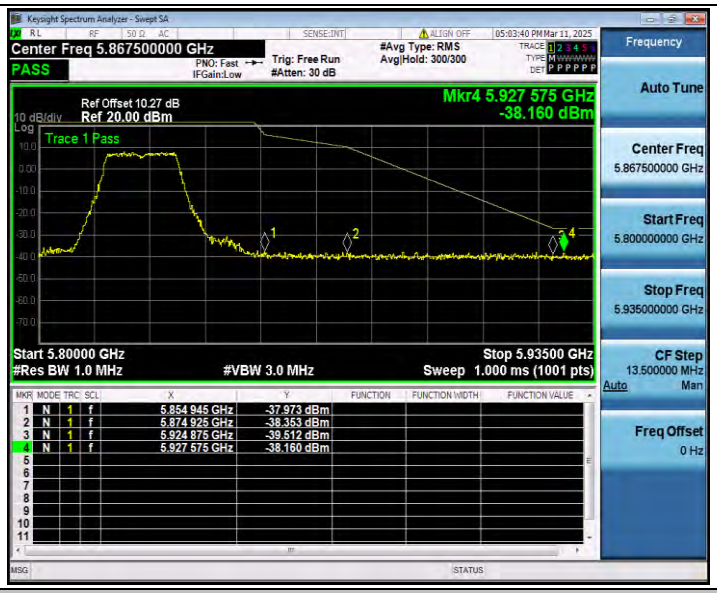
11N40SISO_Ant1_Low_5755

11N40SISO_Ant1_High_5795

11AC20SISO_Ant1_Low_5745



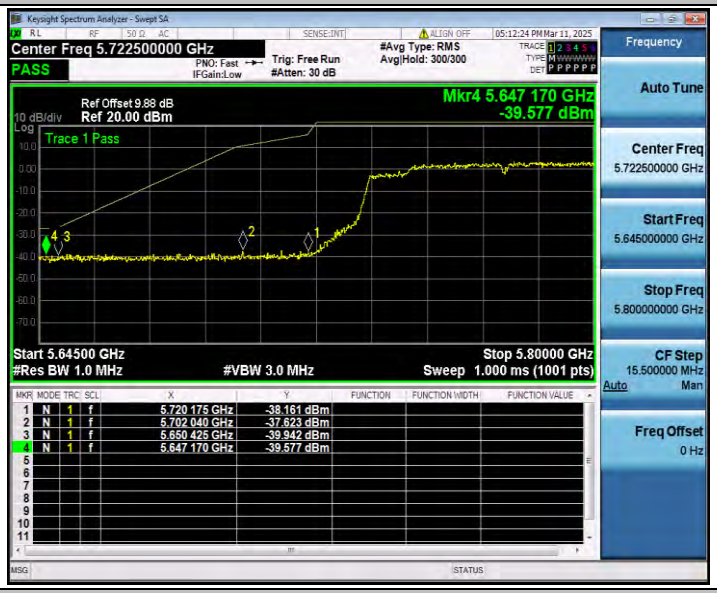
11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755

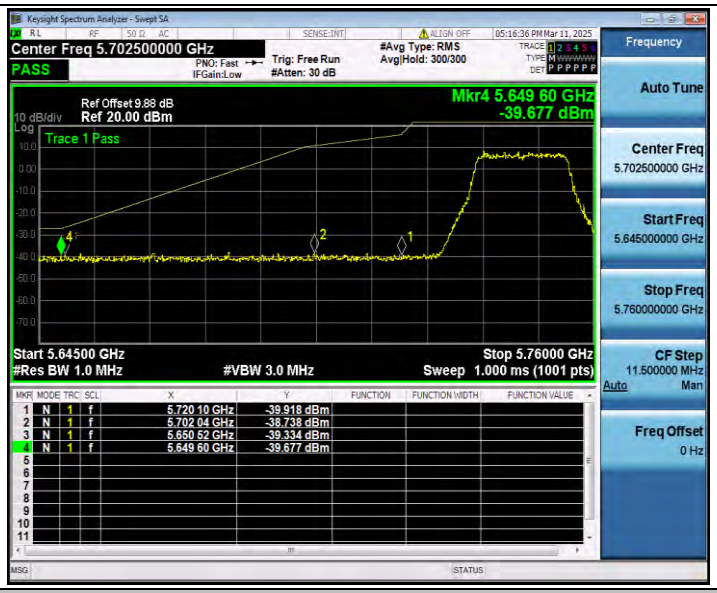
11AC40SISO_Ant1_High_5795

11AC80SISO_Ant1_Low_5775

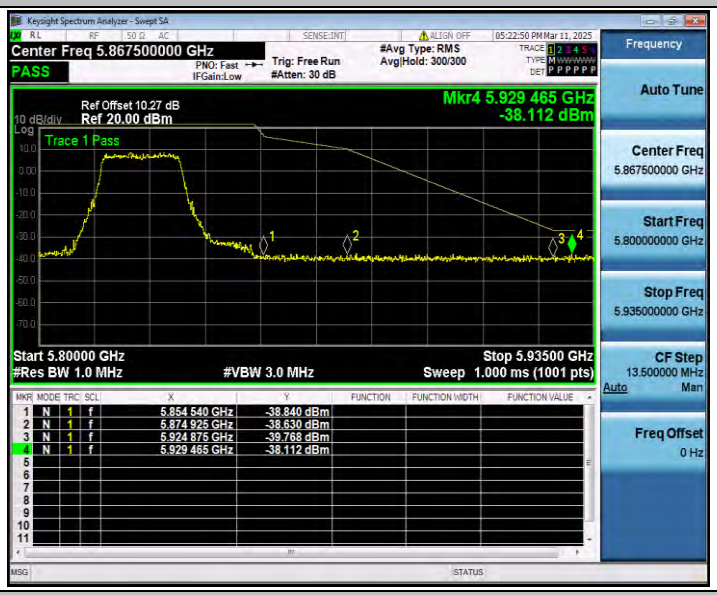


11AC80SISO_Ant1_High_5775

11AX20SISO_Ant1_Low_5745



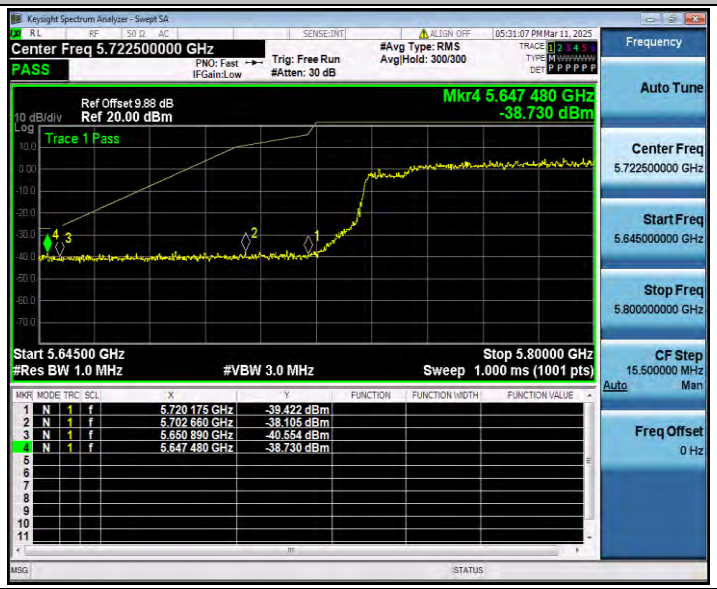
11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755

11AX40SISO_Ant1_High_5795

11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_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
05:31:24 PM Mar 11, 2025
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
Ref Offset 9.88 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 5.933 890 GHz
-38.461 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 5.854 895 GHz -38.572 dBm
2 N 1 f 5.872 840 GHz -38.438 dBm
3 N 1 f 5.924 640 GHz -39.551 dBm
4 N 1 f 5.933 890 GHz -38.461 dBm

Appendix G.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5496.01	-40.19	≤-27	PASS
			5925~27000	24309.43	-32.28	≤-27	PASS
		5785	30~5650	4974.48	-39.64	≤-27	PASS
			5925~27000	26429.57	-31.39	≤-27	PASS
		5825	30~5650	5428.01	-39.14	≤-27	PASS
			5925~27000	24250.42	-31.93	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	3194.25	-39.87	≤-27	PASS
			5925~27000	24237.77	-31.02	≤-27	PASS
		5785	30~5650	4963.42	-39.98	≤-27	PASS
			5925~27000	26444.32	-31.85	≤-27	PASS
		5825	30~5650	4870.69	-39.91	≤-27	PASS
			5925~27000	26453.46	-31.46	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5404.41	-40.37	≤-27	PASS
			5925~27000	24887.58	-31.4	≤-27	PASS
		5795	30~5650	5446.93	-40.36	≤-27	PASS
			5925~27000	24981.72	-31.35	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5482.34	-39.44	≤-27	PASS
			5925~27000	24243.39	-31.74	≤-27	PASS
		5785	30~5650	3419.98	-39.89	≤-27	PASS
			5925~27000	23991.9	-32.06	≤-27	PASS
		5825	30~5650	5505.38	-39.36	≤-27	PASS
			5925~27000	26544.78	-31.5	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5455.36	-40.3	≤-27	PASS
			5925~27000	24344.55	-31.79	≤-27	PASS
		5795	30~5650	5458.36	-39.1	≤-27	PASS
			5925~27000	25986.29	-30.94	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5631.45	-40.32	≤-27	PASS
			5925~27000	24821.55	-32.08	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5507.44	-40.77	≤-27	PASS
			5925~27000	26645.94	-31.48	≤-27	PASS
		5785	30~5650	5443.93	-39.94	≤-27	PASS
			5925~27000	26067.08	-31.17	≤-27	PASS
		5825	30~5650	5027.12	-39.86	≤-27	PASS
			5925~27000	24273.6	-31.63	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2592.16	-39.88	≤-27	PASS
			5925~27000	26655.78	-32.04	≤-27	PASS

		5795	30~5650	5612.72	-39.68	≤-27	PASS
			5925~27000	24265.17	-31.49	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	3327.82	-39.99	≤-27	PASS
			5925~27000	23460.1	-32.66	≤-27	PASS

Test Graphs

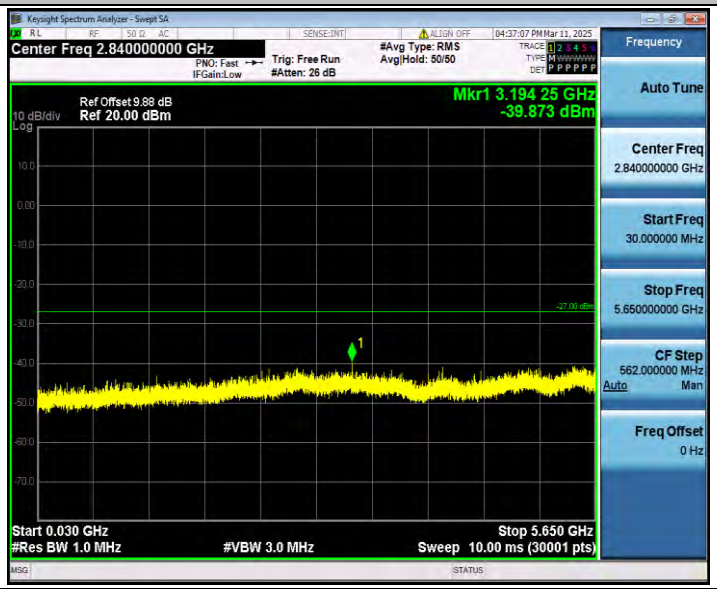
11A_Ant1_5745_30~5650

11A_Ant1_5745_5925~27000

11A_Ant1_5785_30~5650

11A_Ant1_5785_5925~27000

11A_Ant1_5825_30~5650

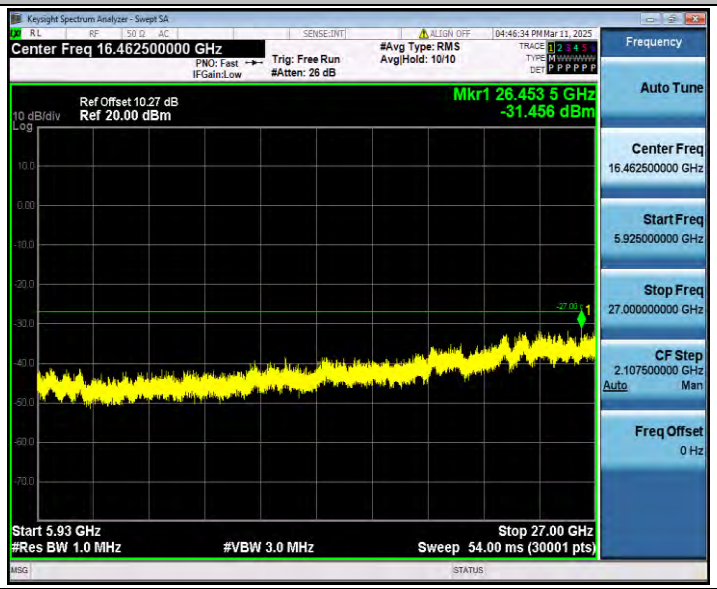
11A_Ant1_5825_5925~27000
11N20SISO_Ant1_5745_30~5650

11N20SISO_Ant1_5745_5925~27000

11N20SISO_Ant1_5785_30~5650

11N20SISO_Ant1_5785_5925~27000

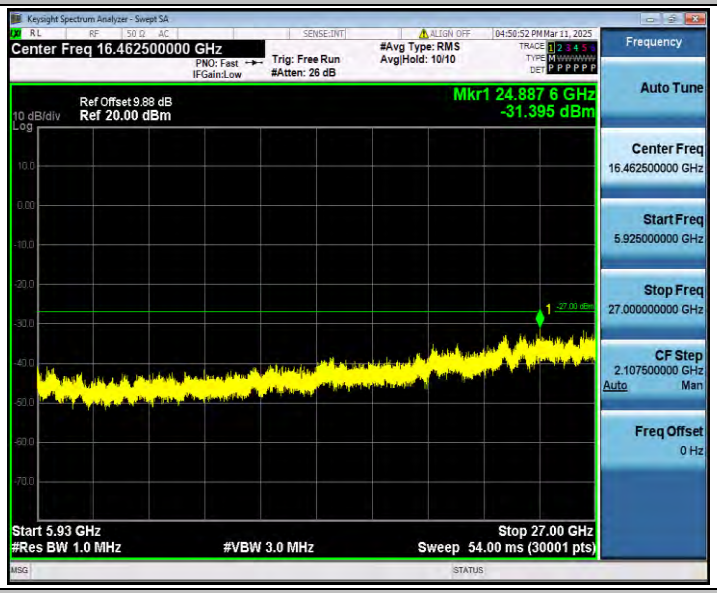
11N20SISO_Ant1_5825_30~5650

11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650

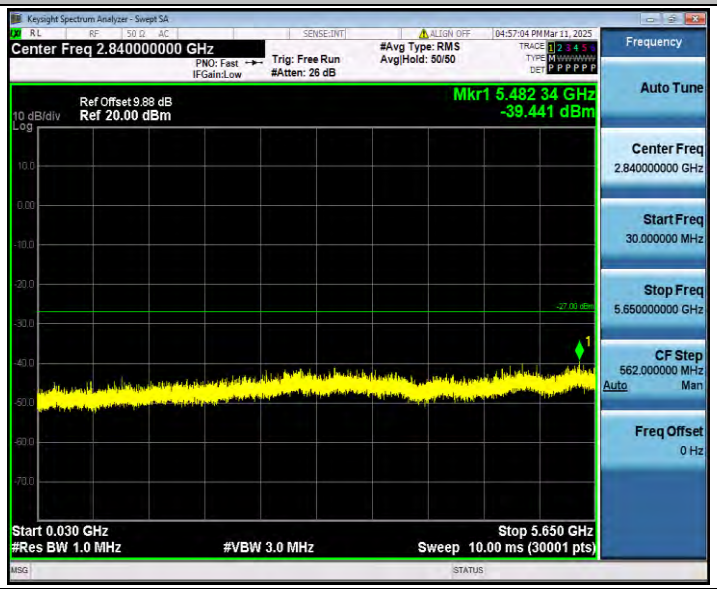
11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650

11N40SISO_Ant1_5795_5925~27000

11AC20SISO_Ant1_5745_30~5650



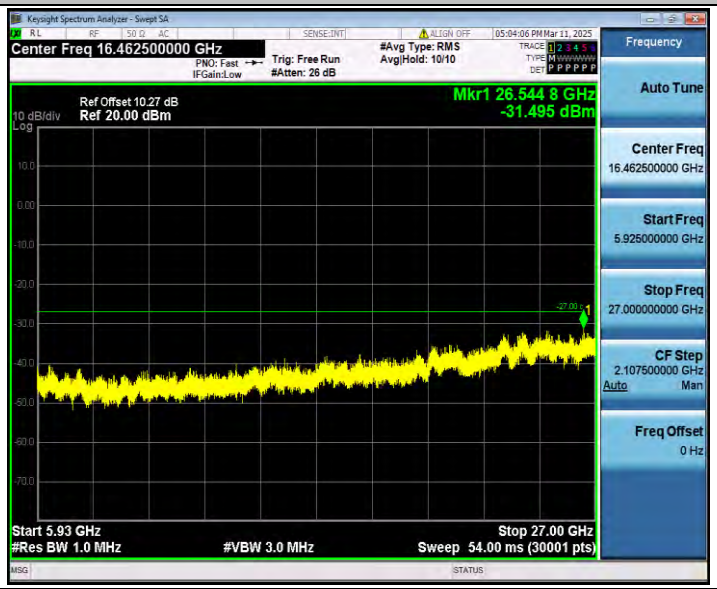
11AC20SISO_Ant1_5745_5925~27000

11AC20SISO_Ant1_5785_30~5650

11AC20SISO_Ant1_5785_5925~27000

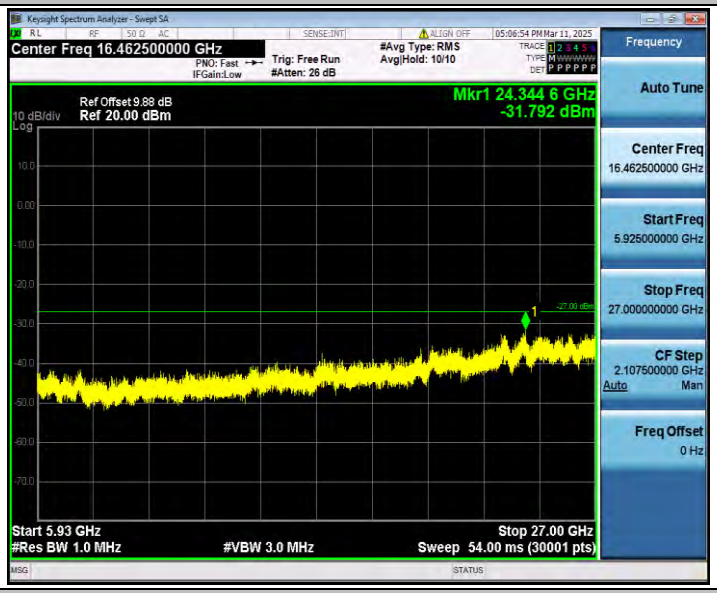
11AC20SISO_Ant1_5825_30~5650

11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650

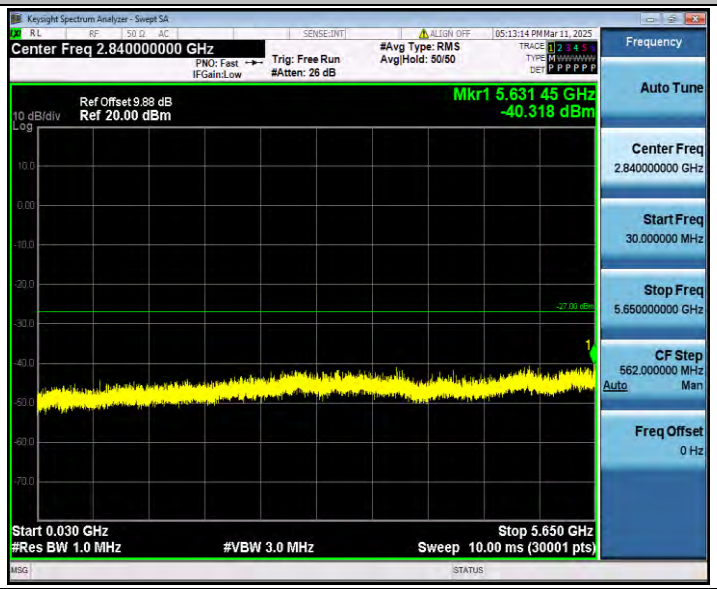
11AC40SISO_Ant1_5755_5925~27000



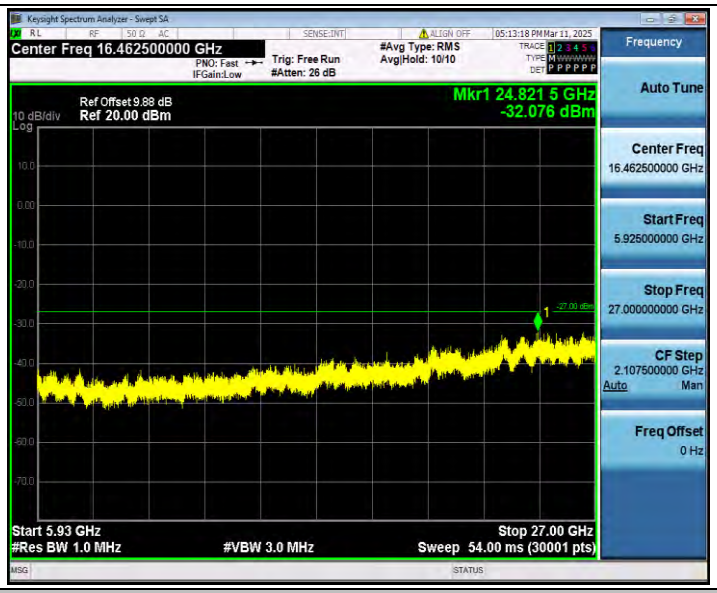
11AC40SISO_Ant1_5795_30~5650

11AC40SISO_Ant1_5795_5925~27000

11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000

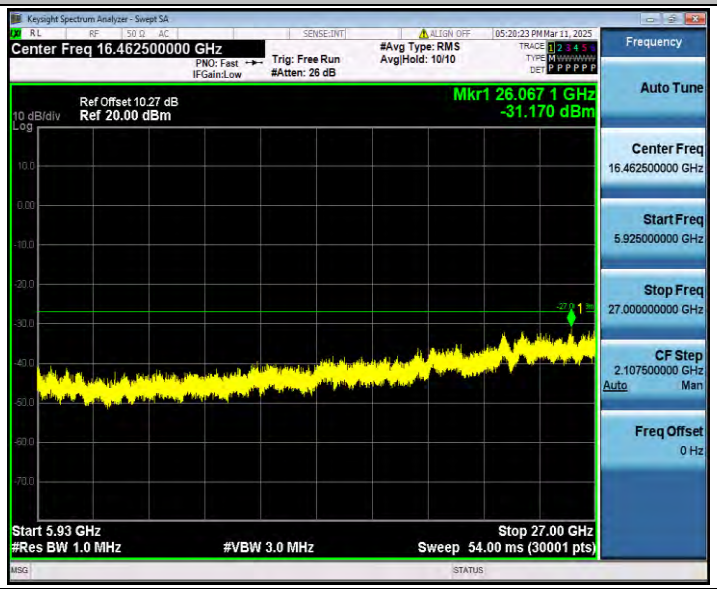


11AX20SISO_Ant1_5745_30~5650

11AX20SISO_Ant1_5745_5925~27000

11AX20SISO_Ant1_5785_30~5650

11AX20SISO_Ant1_5785_5925~27000



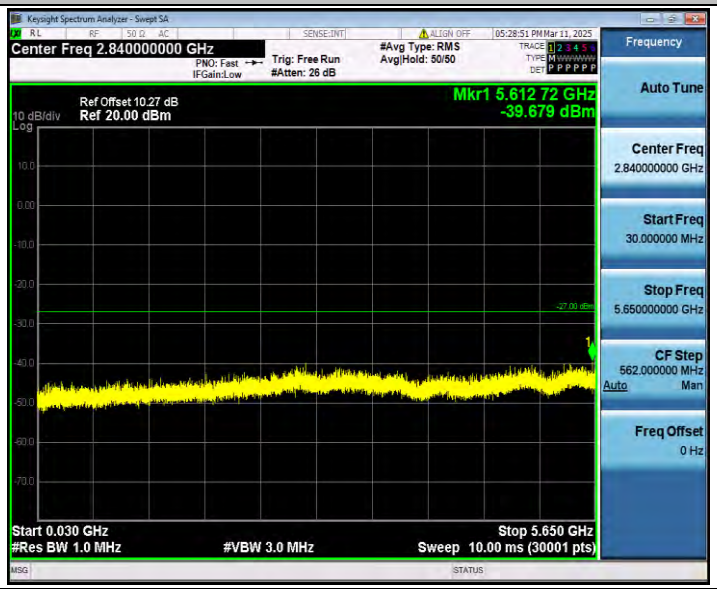
11AX20SISO_Ant1_5825_30~5650

11AX20SISO_Ant1_5825_5925~27000

11AX40SISO_Ant1_5755_30~5650

11AX40SISO_Ant1_5755_5925~27000

11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000

11AX80SISO_Ant1_5775_30~5650

11AX80SISO_Ant1_5775_5925~27000