

Appendix G.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	6.23	100.00	0.00	6.23	≤30.00	PASS
		5785	6.00	100.00	0.00	6.00	≤30.00	PASS
		5825	5.15	100.00	0.00	5.15	≤30.00	PASS
11N20SISO	Ant2	5745	5.48	100.00	0.00	5.48	≤30.00	PASS
		5785	5.73	100.00	0.00	5.73	≤30.00	PASS
		5825	4.81	100.00	0.00	4.81	≤30.00	PASS
11N40SISO	Ant2	5755	5.44	100.00	0.00	5.44	≤30.00	PASS
		5795	5.58	100.00	0.00	5.58	≤30.00	PASS
11AC20SISO	Ant2	5745	5.53	100.00	0.00	5.53	≤30.00	PASS
		5785	5.76	100.00	0.00	5.76	≤30.00	PASS
		5825	5.02	100.00	0.00	5.02	≤30.00	PASS
11AC40SISO	Ant2	5755	5.44	100.00	0.00	5.44	≤30.00	PASS
		5795	5.29	100.00	0.00	5.29	≤30.00	PASS
11AC80SISO	Ant2	5775	4.83	100.00	0.00	4.83	≤30.00	PASS
11AX20SISO	Ant2	5745	6.12	100.00	0.00	6.12	≤30.00	PASS
		5785	6.14	100.00	0.00	6.14	≤30.00	PASS
		5825	5.30	100.00	0.00	5.30	≤30.00	PASS
11AX40SISO	Ant2	5755	6.02	100.00	0.00	6.02	≤30.00	PASS
		5795	5.87	100.00	0.00	5.87	≤30.00	PASS
11AX80SISO	Ant2	5775	5.63	100.00	0.00	5.63	≤30.00	PASS

Appendix G.5: Maximum power spectral density

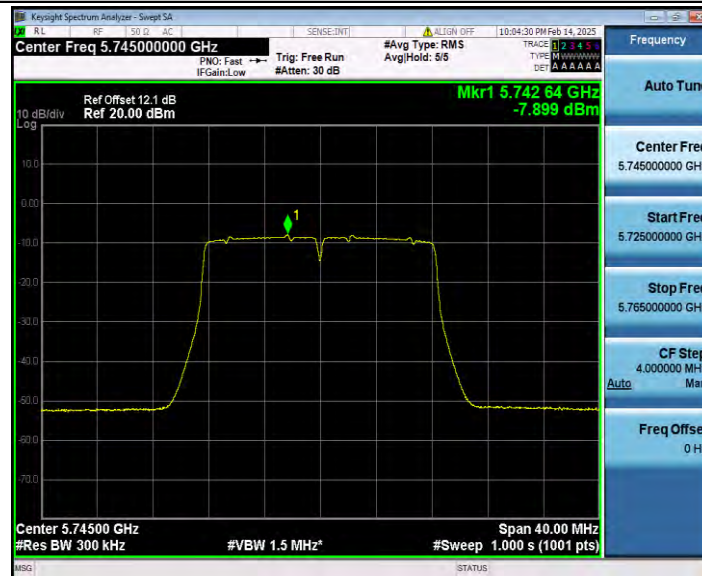
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-7.90	≤30.00	PASS
		5785	-8.02	≤30.00	PASS
		5825	-8.74	≤30.00	PASS
11N20SISO	Ant2	5745	-8.32	≤30.00	PASS
		5785	-8.20	≤30.00	PASS
		5825	-8.96	≤30.00	PASS
11N40SISO	Ant2	5755	-11.58	≤30.00	PASS
		5795	-11.33	≤30.00	PASS
11AC20SISO	Ant2	5745	-8.31	≤30.00	PASS
		5785	-8.15	≤30.00	PASS
		5825	-8.84	≤30.00	PASS
11AC40SISO	Ant2	5755	-11.65	≤30.00	PASS
		5795	-11.63	≤30.00	PASS
11AC80SISO	Ant2	5775	-14.67	≤30.00	PASS
11AX20SISO	Ant2	5745	-9.06	≤30.00	PASS
		5785	-9.05	≤30.00	PASS
		5825	-9.84	≤30.00	PASS
11AX40SISO	Ant2	5755	-12.05	≤30.00	PASS
		5795	-12.06	≤30.00	PASS
11AX80SISO	Ant2	5775	-14.98	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

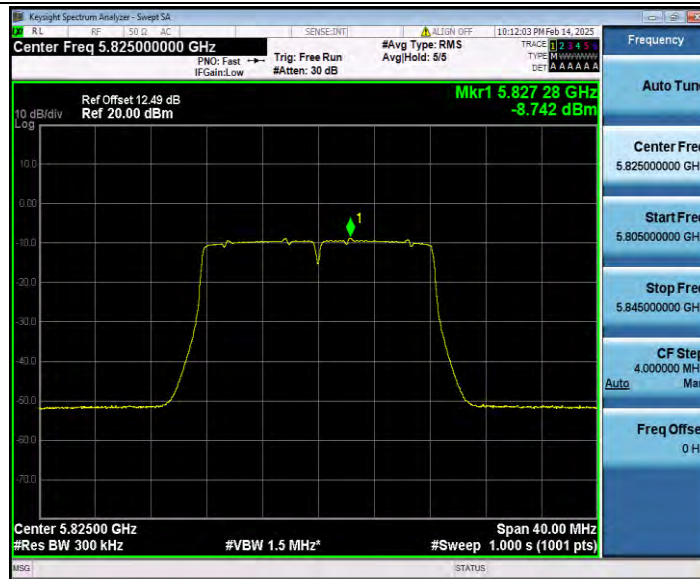
11A_Ant2_5745



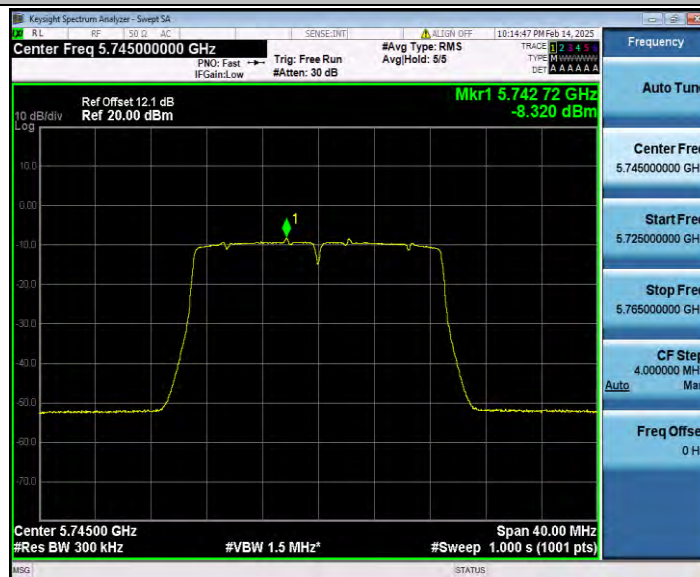
11A_Ant2_5785



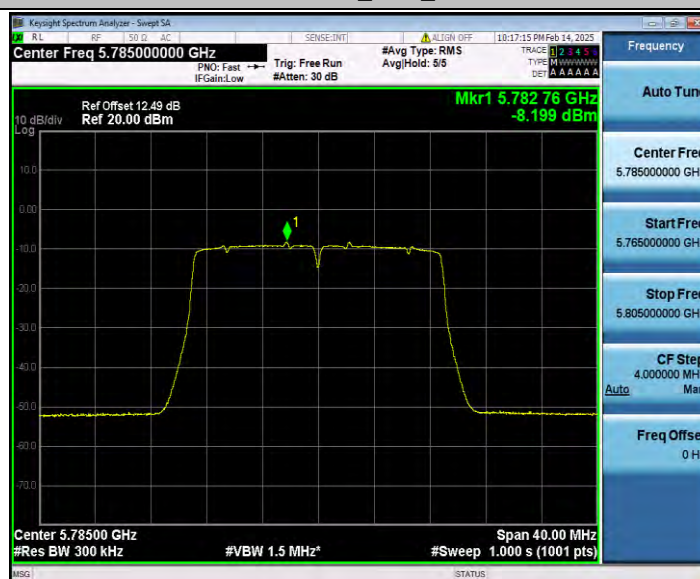
11A_Ant2_5825



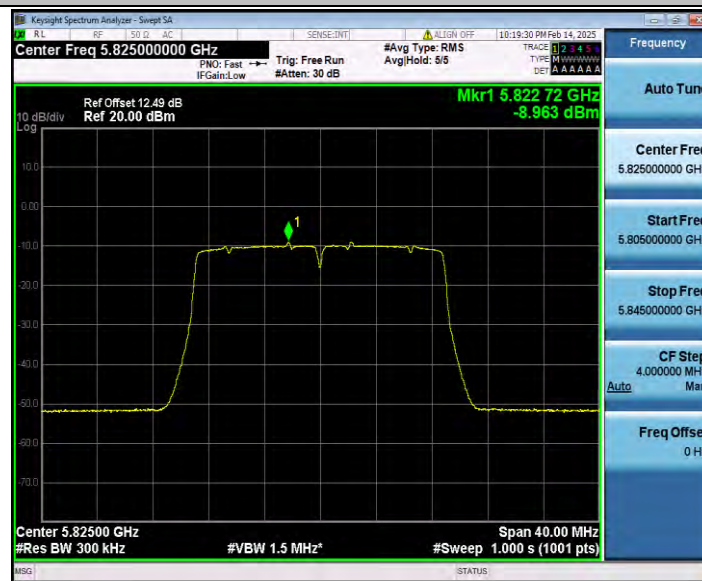
11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



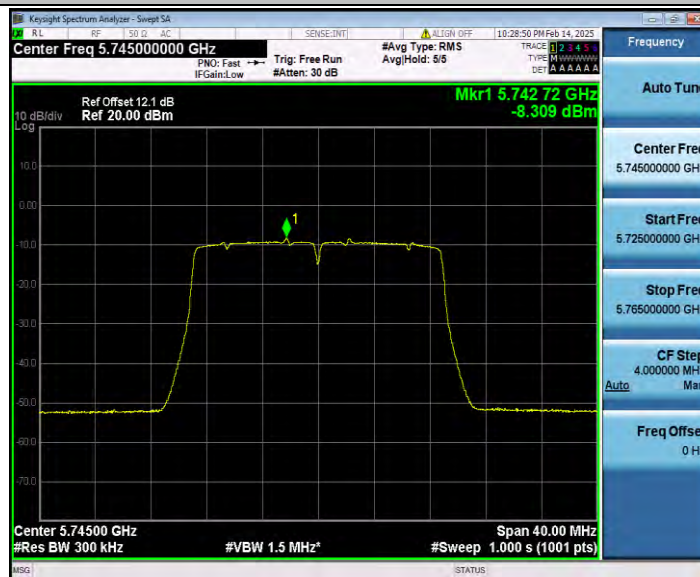
11N40SISO_Ant2_5755



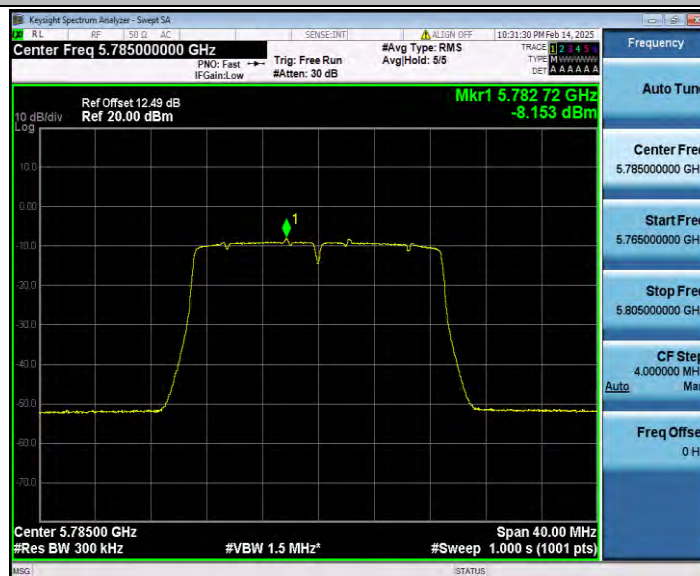
11N40SISO_Ant2_5795



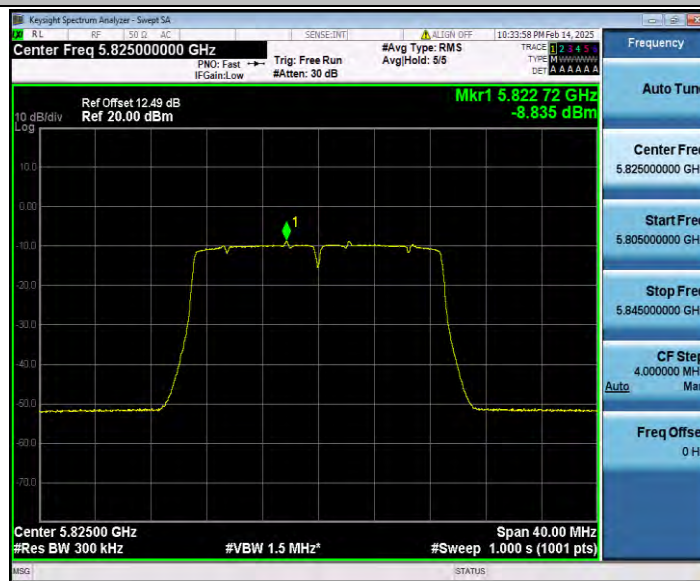
11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



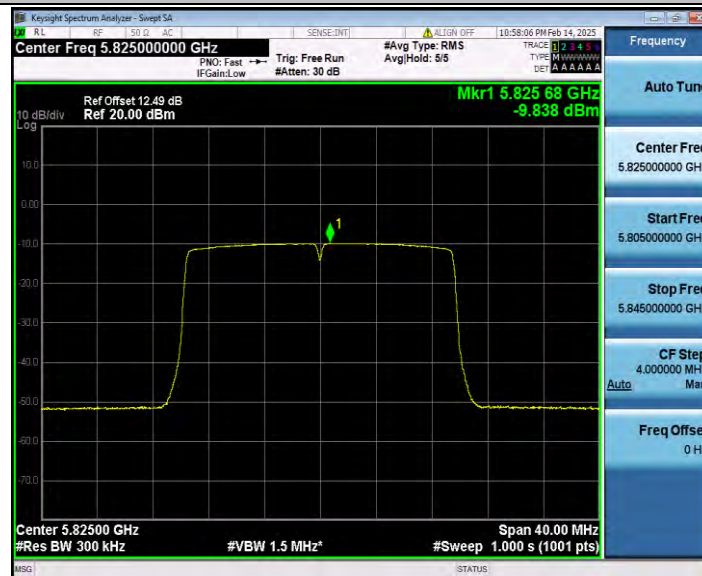
11AX20SISO_Ant2_5745



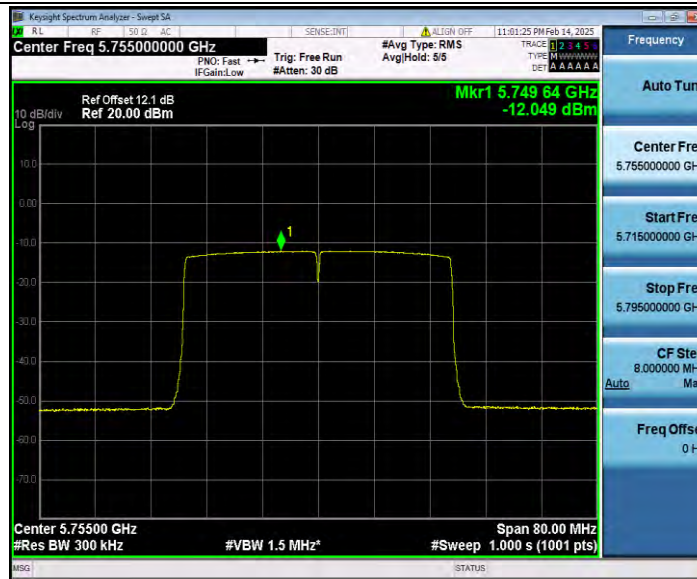
11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80SISO_Ant2_5775



Appendix G.6: Band edge measurements

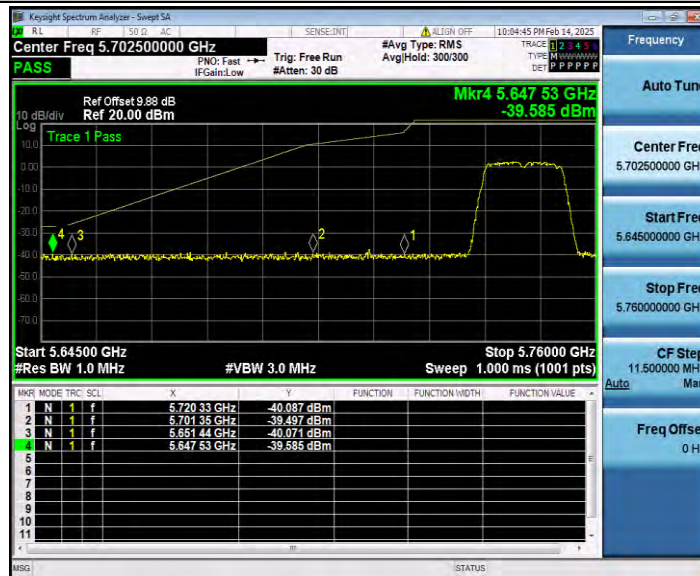
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-40.07	≤-25.93	PASS
				5700~5720	-39.5	≤10.38	PASS
				5720~5725	-40.09	≤16.34	PASS
				5760~5650	-39.59	≤-27	PASS
		High	5825	5850~5855	-39.53	≤16.96	PASS
				5855~5875	-38.23	≤10.25	PASS
				5875~5925	-38.37	≤-26.11	PASS
				5925~5935	-38.06	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-40.34	≤-26.87	PASS
				5700~5720	-39.86	≤10.38	PASS
				5720~5725	-40.18	≤16.08	PASS
				5760~5650	-39.22	≤-27	PASS
		High	5825	5850~5855	-39.54	≤15.73	PASS
				5855~5875	-38.75	≤10.44	PASS
				5875~5925	-39.32	≤-26.51	PASS
				5925~5935	-38.01	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-40.92	≤-26.90	PASS
				5700~5720	-39.3	≤10.10	PASS
				5720~5725	-39.87	≤15.74	PASS
				5780~5650	-39.58	≤-27	PASS
		High	5795	5850~5855	-39.49	≤16.79	PASS
				5855~5875	-38.7	≤10.02	PASS
				5875~5925	-39.55	≤-26.71	PASS
				5925~5935	-38.48	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-40.05	≤-26.10	PASS
				5700~5720	-39.71	≤10.02	PASS
				5720~5725	-40.05	≤16.08	PASS
				5760~5650	-39.72	≤-27	PASS
		High	5825	5850~5855	-38.59	≤16.34	PASS
				5855~5875	-39.5	≤10.06	PASS
				5875~5925	-39.18	≤-26.81	PASS
				5925~5935	-38.84	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-40.03	≤-25.90	PASS
				5700~5720	-37.93	≤11.61	PASS
				5720~5725	-39.8	≤15.74	PASS
				5780~5650	-39.46	≤-27	PASS

		High	5795	5850~5855	-37.98	≤ 16.03	PASS
				5855~5875	-39.29	≤ 10.20	PASS
				5875~5925	-39.39	≤ -26.95	PASS
				5925~5935	-37.5	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-41.14	≤ -26.91	PASS
				5700~5720	-39.89	≤ 10.09	PASS
				5720~5725	-40.04	≤ 15.65	PASS
				5800~5650	-39.83	≤ -27	PASS
		High	5775	5850~5855	-40.03	≤ 15.84	PASS
				5855~5875	-39.35	≤ 10.29	PASS
				5875~5925	-38.8	≤ -26.05	PASS
				5925~5935	-38.95	≤ -27	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-39.48	≤ -26.70	PASS
				5700~5720	-39.93	≤ 10.06	PASS
				5720~5725	-39.62	≤ 16.60	PASS
				5760~5650	-39.22	≤ -27	PASS
		High	5825	5850~5855	-38.55	≤ 15.73	PASS
				5855~5875	-39.21	≤ 10.51	PASS
				5875~5925	-39.89	≤ -26.91	PASS
				5925~5935	-38.05	≤ -27	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-39.43	≤ -26.20	PASS
				5700~5720	-39.24	≤ 10.02	PASS
				5720~5725	-39.58	≤ 15.74	PASS
				5780~5650	-39.95	≤ -27	PASS
		High	5795	5850~5855	-38.39	≤ 16.79	PASS
				5855~5875	-38.3	≤ 10.02	PASS
				5875~5925	-40.04	≤ -26.95	PASS
				5925~5935	-38.13	≤ -27	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-39.65	≤ -26.91	PASS
				5700~5720	-40.41	≤ 10.01	PASS
				5720~5725	-40.94	≤ 15.65	PASS
				5800~5650	-39.96	≤ -27	PASS
		High	5775	5850~5855	-39.39	≤ 17.10	PASS
				5855~5875	-39.02	≤ 10.24	PASS
				5875~5925	-39.6	≤ -26.87	PASS
				5925~5935	-38.78	≤ -27	PASS

Test Graphs B4

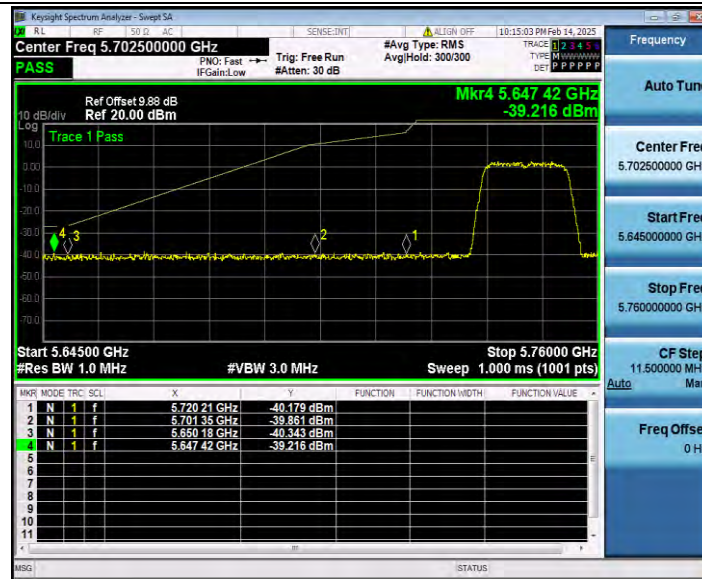
11A_Ant2_Low_5745



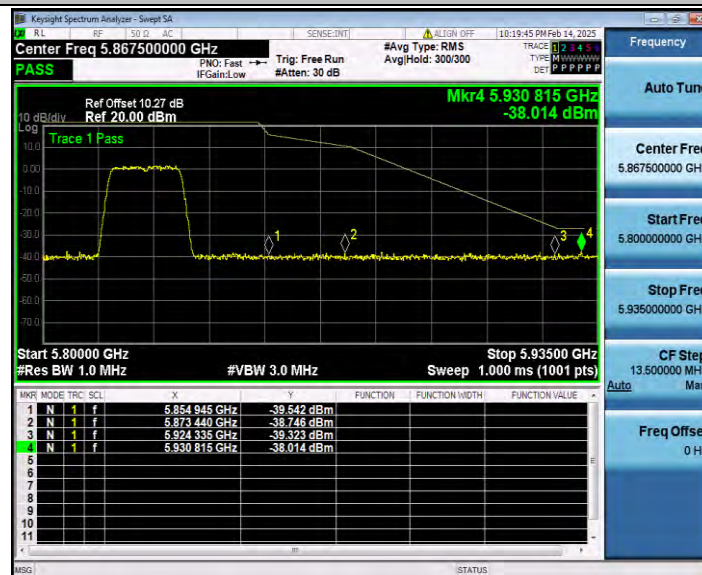
11A_Ant2_High_5825



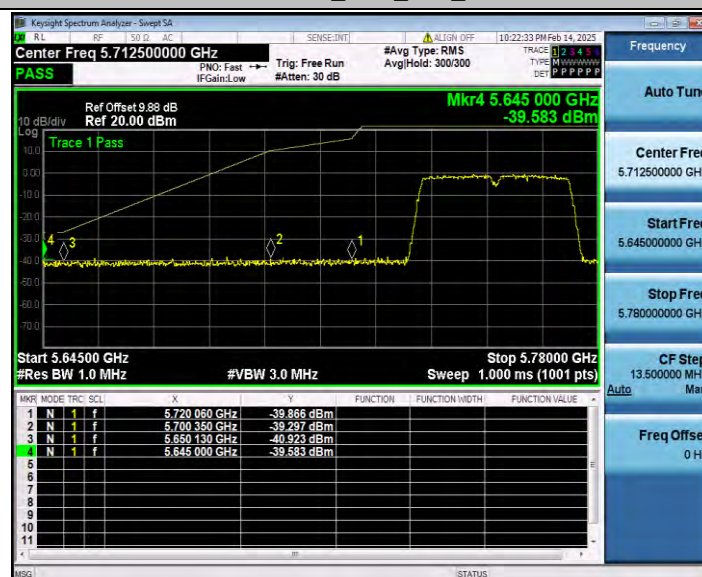
11N20SISO_Ant2_Low_5745



11N20SISO_Ant2_High_5825



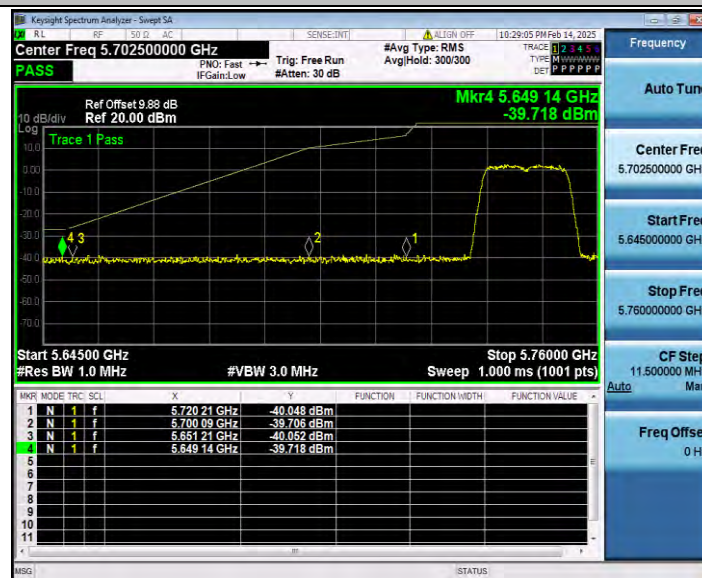
11N40SISO_Ant2_Low_5755



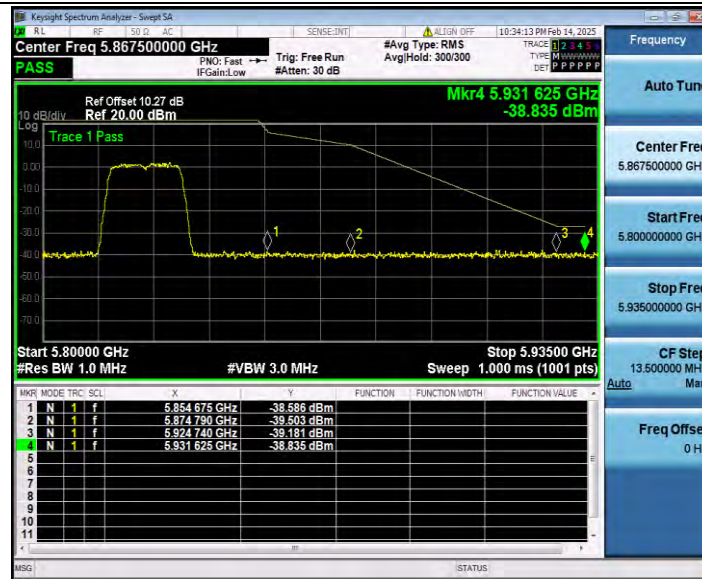
11N40SISO_Ant2_High_5795



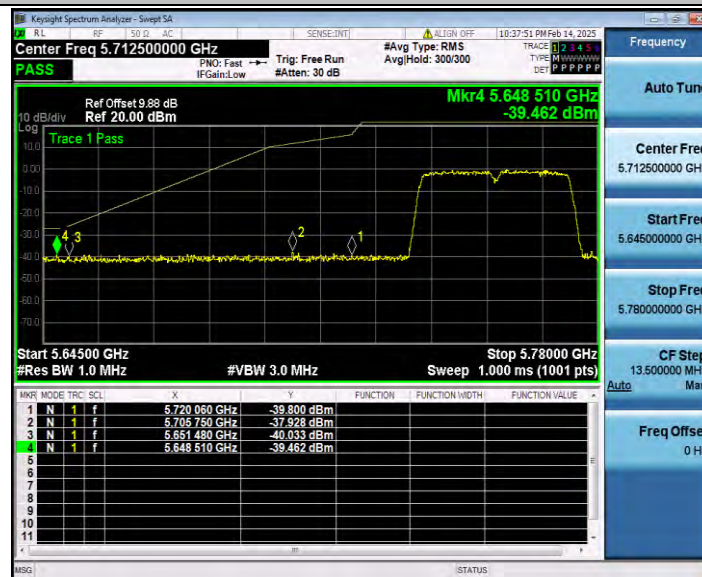
11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



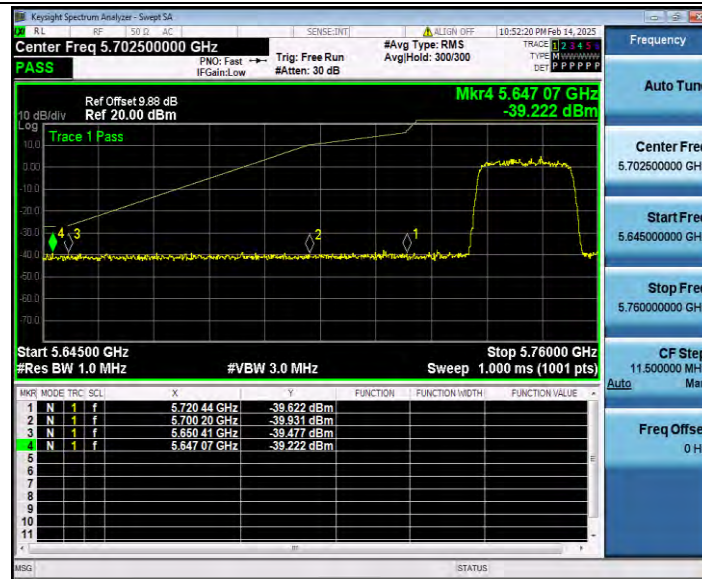
11AC80SISO_Ant2_Low_5775



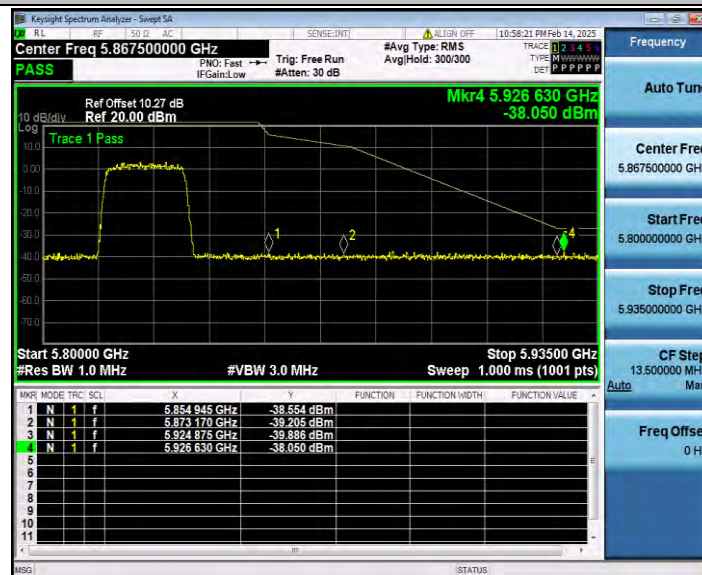
11AC80SISO_Ant2_High_5775



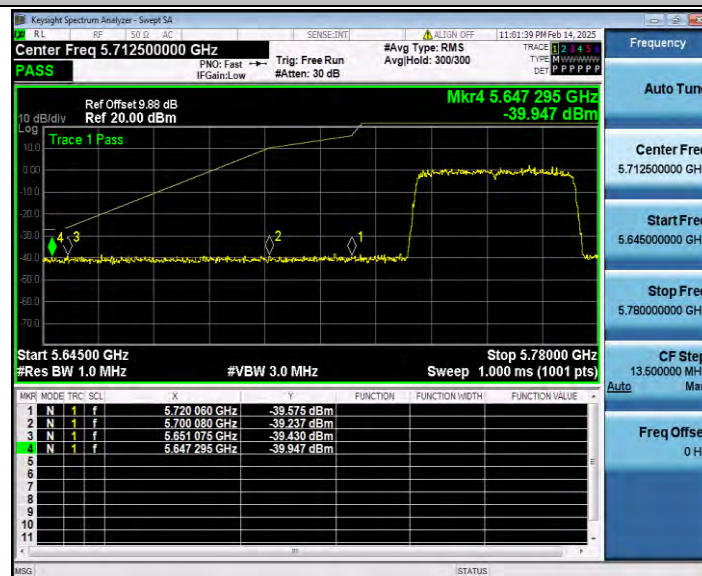
11AX20SISO_Ant2_Low_5745



11AX20SISO_Ant2_High_5825



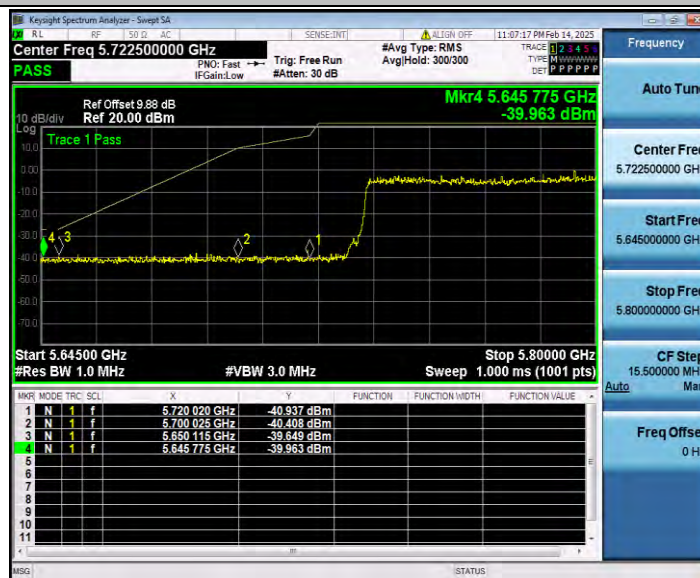
11AX40SISO_Ant2_Low_5755



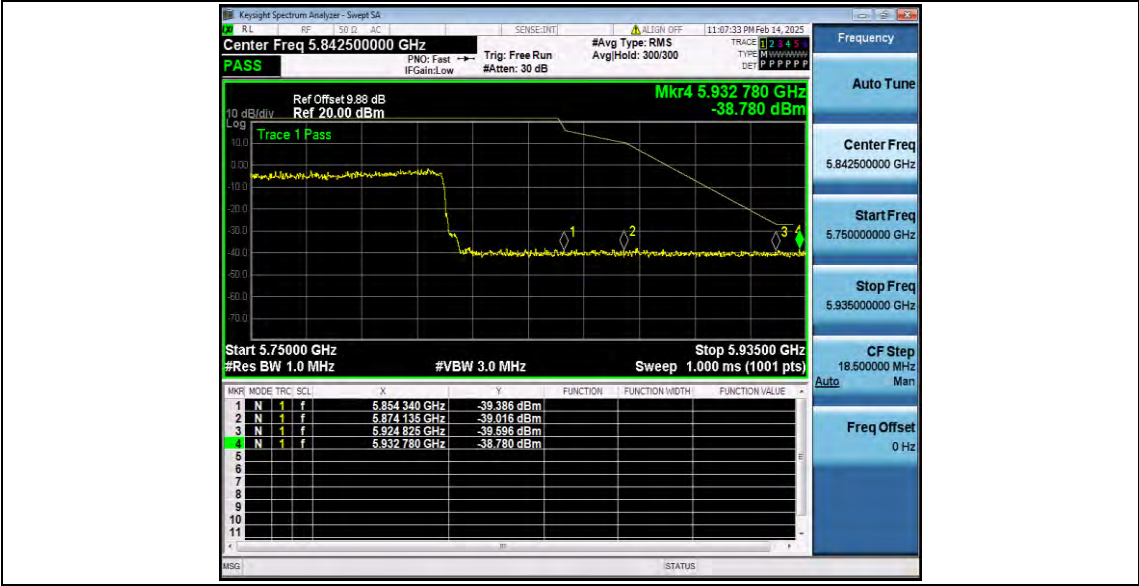
11AX40SISO_Ant2_High_5795



11AX80SISO_Ant2_Low_5775



11AX80SISO_Ant2_High_5775



Appendix G.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	5419.39	-40.51	≤-27	PASS
			5925~27000	24891.1	-31.35	≤-27	PASS
		5785	30~5650	5483.84	-40	≤-27	PASS
			5925~27000	26085.35	-30.71	≤-27	PASS
		5825	30~5650	2590.47	-38.01	≤-27	PASS
			5925~27000	25239.54	-31.58	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5519.99	-40.26	≤-27	PASS
			5925~27000	23574.61	-32.47	≤-27	PASS
		5785	30~5650	5471.85	-39.88	≤-27	PASS
			5925~27000	25058.29	-32.26	≤-27	PASS
		5825	30~5650	5448.24	-40.17	≤-27	PASS
			5925~27000	26556.02	-31.16	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	4887.37	-39.75	≤-27	PASS
			5925~27000	26826.48	-31.54	≤-27	PASS
		5795	30~5650	5480.09	-38.63	≤-27	PASS
			5925~27000	26024.23	-31.73	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	2604.33	-40.33	≤-27	PASS
			5925~27000	25666.66	-32.19	≤-27	PASS
		5785	30~5650	5459.86	-40.04	≤-27	PASS
			5925~27000	25147.51	-31.57	≤-27	PASS
		5825	30~5650	2605.46	-39.39	≤-27	PASS
			5925~27000	26721.81	-31.62	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5474.09	-40.17	≤-27	PASS
			5925~27000	26952.23	-32.48	≤-27	PASS
		5795	30~5650	5517.56	-40.29	≤-27	PASS
			5925~27000	24287.65	-31.28	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5466.23	-40.31	≤-27	PASS
			5925~27000	26046.01	-32.43	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5407.97	-40.3	≤-27	PASS
			5925~27000	26856.69	-31.7	≤-27	PASS
		5785	30~5650	2521.53	-38.47	≤-27	PASS
			5925~27000	24355.79	-31.74	≤-27	PASS
		5825	30~5650	5356.45	-39.62	≤-27	PASS
			5925~27000	23512.09	-31.82	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5443.18	-39.88	≤-27	PASS
			5925~27000	26626.97	-32.22	≤-27	PASS

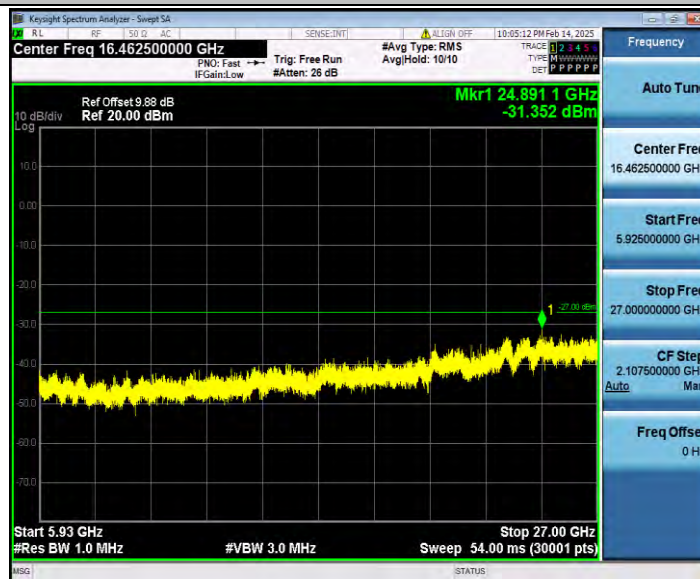
		5795	30~5650	5451.61	-39.69	≤ -27	PASS
			5925~27000	23473.45	-31.03	≤ -27	PASS
11AX80SISO	Ant2	5775	30~5650	5466.98	-40.48	≤ -27	PASS
			5925~27000	25066.02	-31.6	≤ -27	PASS

Test Graphs

11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~27000



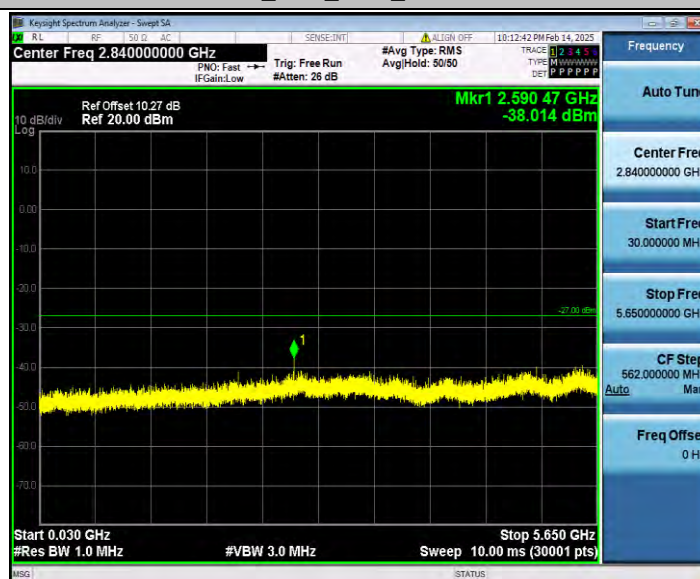
11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



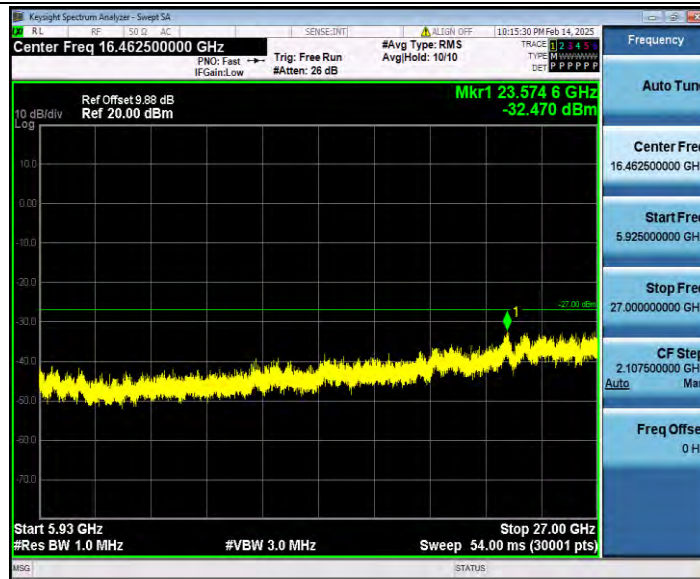
11A_Ant2_5825_5925~27000



11N20SISO_Ant2_5745_30~5650



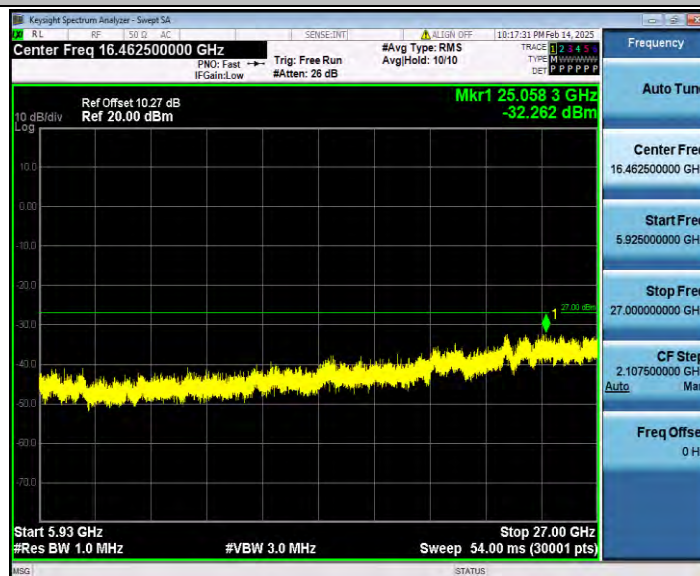
11N20SISO_Ant2_5745_5925~27000



11N20SISO_Ant2_5785_30~5650



11N20SISO_Ant2_5785_5925~27000



11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~27000



11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~27000



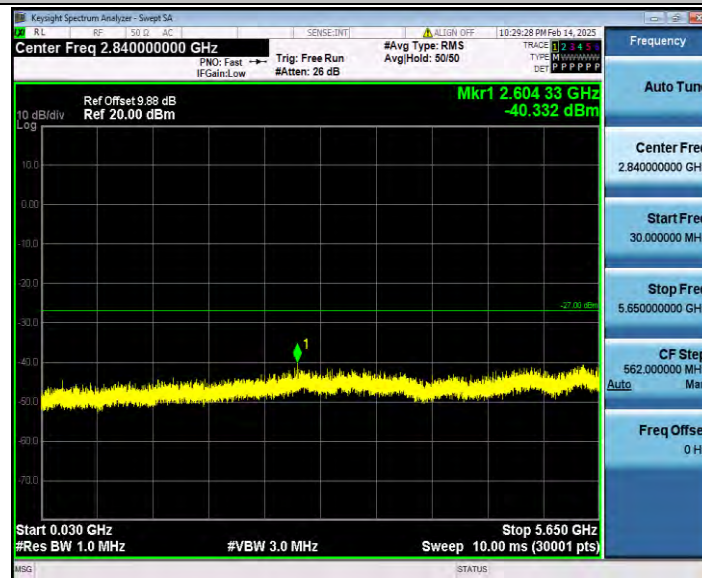
11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



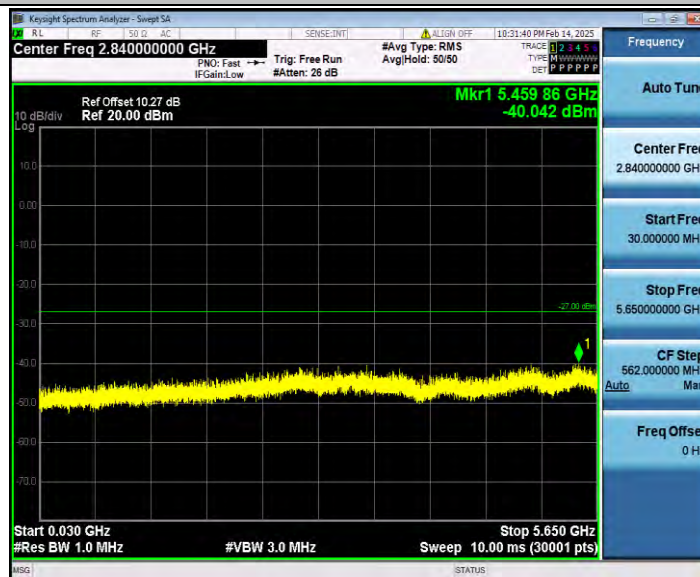
11AC20SISO_Ant2_5745_30~5650



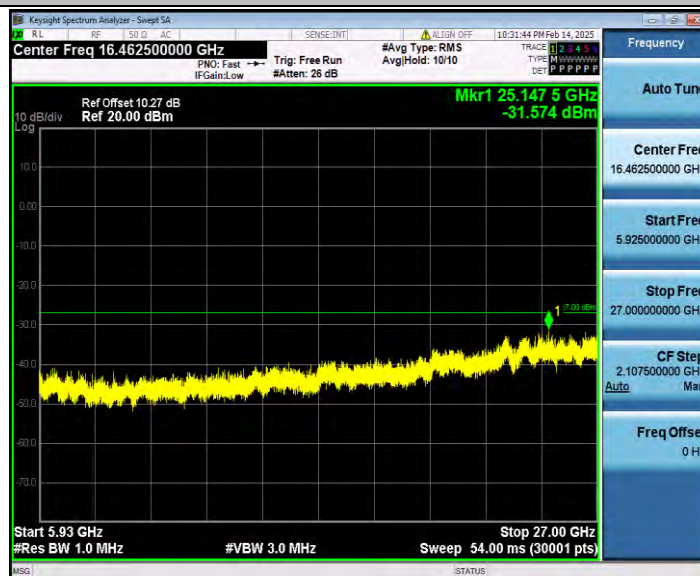
11AC20SISO_Ant2_5745_5925~27000



11AC20SISO_Ant2_5785_30~5650



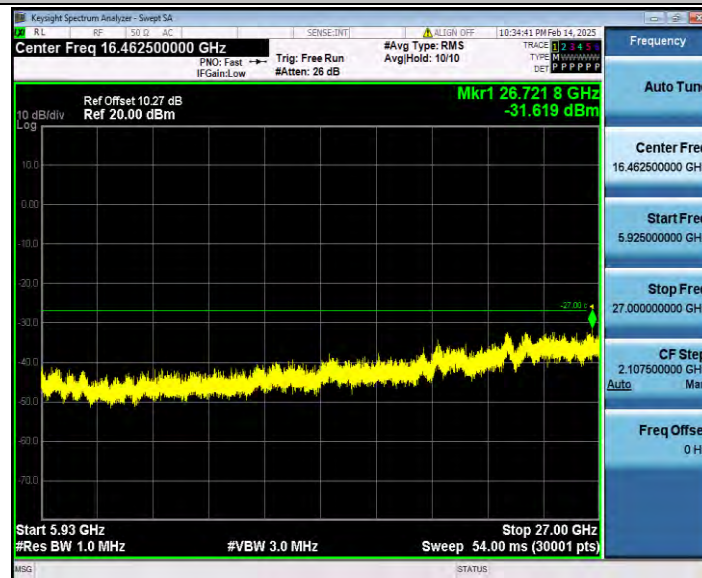
11AC20SISO_Ant2_5785_5925~27000



11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



11AC40SISO_Ant2_5755_30~5650



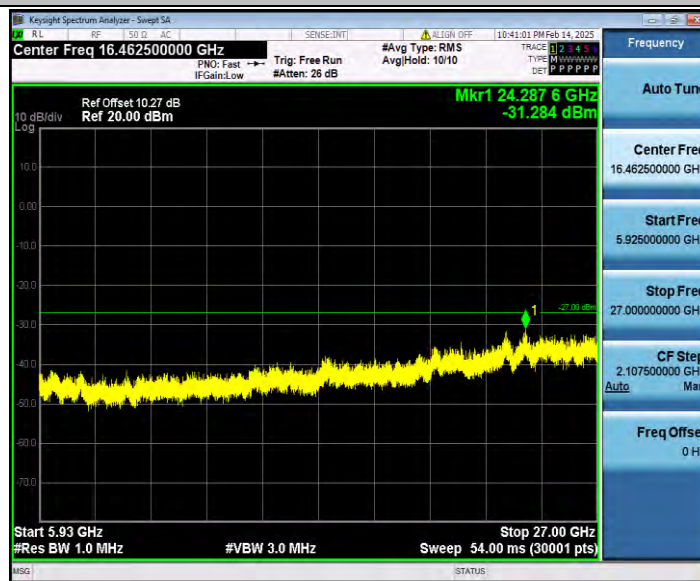
11AC40SISO_Ant2_5755_5925~27000



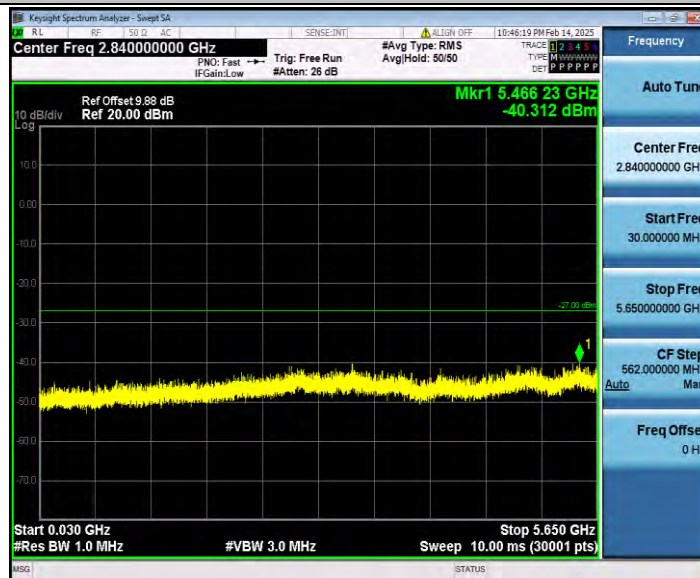
11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



11AC80SISO_Ant2_5775_30~5650



11AC80SISO_Ant2_5775_5925~27000



11AX20SISO_Ant2_5745_30~5650



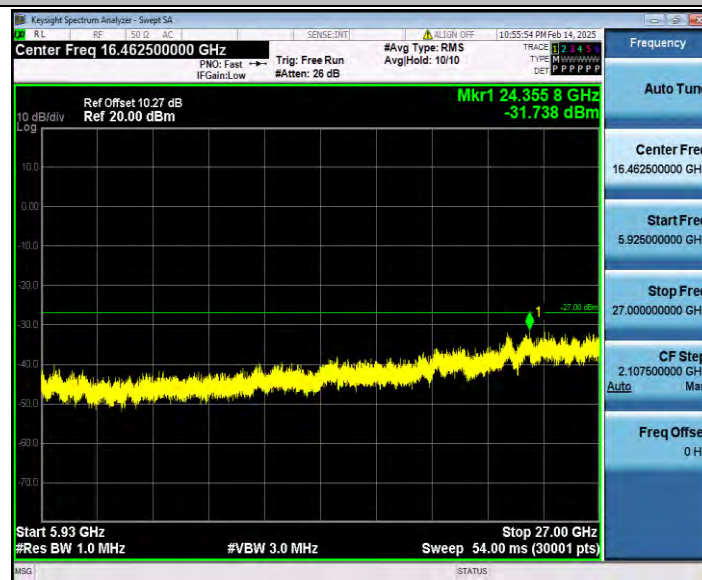
11AX20SISO_Ant2_5745_5925~27000



11AX20SISO_Ant2_5785_30~5650



11AX20SISO_Ant2_5785_5925~27000



11AX20SISO_Ant2_5825_30~5650



11AX20SISO_Ant2_5825_5925~27000



11AX40SISO_Ant2_5755_30~5650



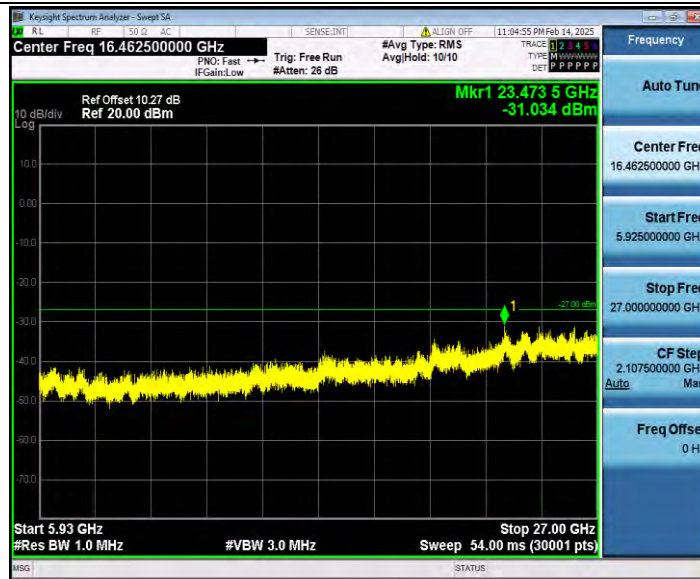
11AX40SISO_Ant2_5755_5925~27000



11AX40SISO_Ant2_5795_30~5650



11AX40SISO_Ant2_5795_5925~27000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~27000

