

Appendix D.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	Ant1	5500	12.53	96.53	0.15	12.68	≤23.98	PASS
		5580	12.85	96.53	0.15	13.00	≤23.98	PASS
		5700	13.03	96.53	0.15	13.18	≤23.98	PASS
11N20SISO	Ant1	5500	12.84	95.86	0.18	13.02	≤23.98	PASS
		5580	12.70	95.86	0.18	12.88	≤23.98	PASS
		5700	13.03	96.53	0.15	13.18	≤23.98	PASS
11N40SISO	Ant1	5510	11.46	92.86	0.32	11.78	≤23.98	PASS
		5590	11.20	91.55	0.38	11.58	≤23.98	PASS
		5670	11.87	92.86	0.32	12.19	≤23.98	PASS
11AC20SISO	Ant1	5500	11.71	95.62	0.19	11.90	≤23.98	PASS
		5580	11.21	95.62	0.19	11.40	≤23.98	PASS
		5700	11.44	96.32	0.16	11.60	≤23.98	PASS
11AC40SISO	Ant1	5510	10.97	91.55	0.38	11.35	≤23.98	PASS
		5590	10.72	91.55	0.38	11.10	≤23.98	PASS
		5670	11.46	91.55	0.38	11.84	≤23.98	PASS
11AC80SISO	Ant1	5530	11.35	86.49	0.63	11.98	≤23.98	PASS
		5610	11.02	86.49	0.63	11.65	≤23.98	PASS
11AX20SISO	Ant1	5500	11.13	96.32	0.16	11.29	≤23.98	PASS
		5580	11.16	95.59	0.20	11.36	≤23.98	PASS
		5700	11.37	95.62	0.19	11.56	≤23.98	PASS
11AX40SISO	Ant1	5510	10.95	92.86	0.32	11.27	≤23.98	PASS
		5590	10.83	92.86	0.32	11.15	≤23.98	PASS
		5670	11.54	92.86	0.32	11.86	≤23.98	PASS
11AX80SISO	Ant1	5530	11.48	86.84	0.61	12.09	≤23.98	PASS
		5610	11.19	84.21	0.75	11.94	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	1.70	≤11.00	PASS
		5580	2.16	≤11.00	PASS
		5700	2.22	≤11.00	PASS
11N20SISO	Ant1	5500	2.02	≤11.00	PASS
		5580	2.04	≤11.00	PASS
		5700	2.21	≤11.00	PASS
11N40SISO	Ant1	5510	-1.79	≤11.00	PASS
		5590	-2.11	≤11.00	PASS
		5670	-1.45	≤11.00	PASS
11AC20SISO	Ant1	5500	0.71	≤11.00	PASS
		5580	0.41	≤11.00	PASS
		5700	0.86	≤11.00	PASS
11AC40SISO	Ant1	5510	-2.15	≤11.00	PASS
		5590	-2.57	≤11.00	PASS
		5670	-1.80	≤11.00	PASS
11AC80SISO	Ant1	5530	-4.04	≤11.00	PASS
		5610	-4.48	≤11.00	PASS
11AX20SISO	Ant1	5500	0.25	≤11.00	PASS
		5580	0.48	≤11.00	PASS
		5700	0.85	≤11.00	PASS
11AX40SISO	Ant1	5510	-2.18	≤11.00	PASS
		5590	-2.48	≤11.00	PASS
		5670	-1.69	≤11.00	PASS
11AX80SISO	Ant1	5530	-3.94	≤11.00	PASS
		5610	-4.25	≤11.00	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_Ant1_5500



11A_Ant1_5580



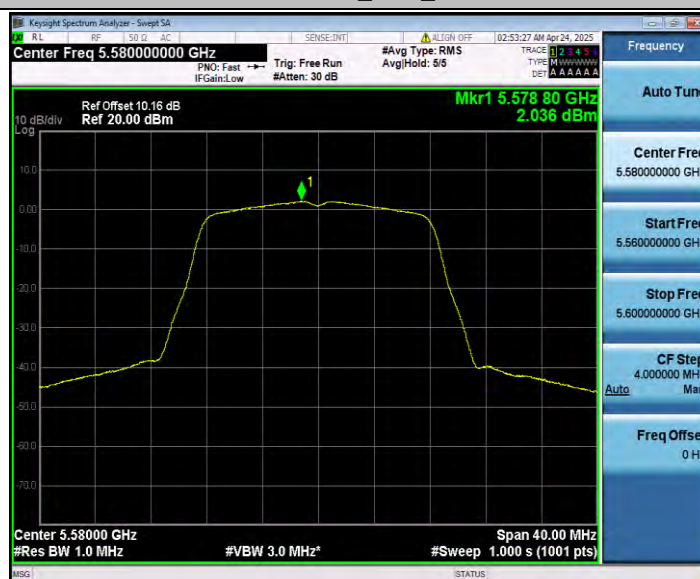
11A_Ant1_5700



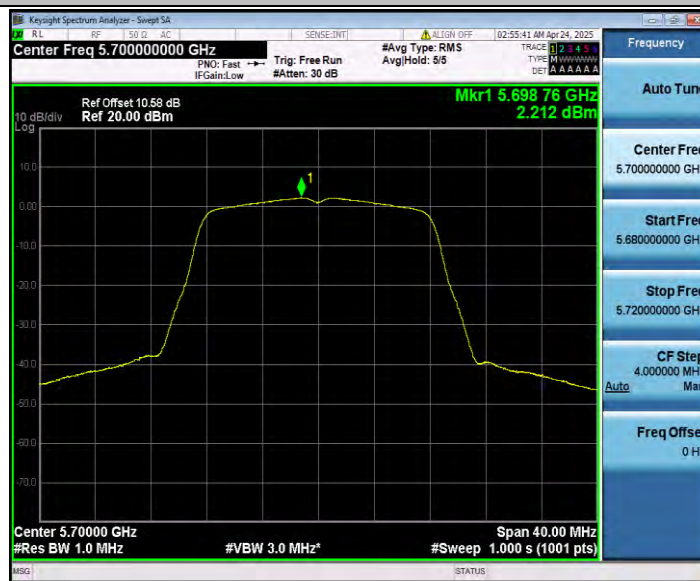
11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



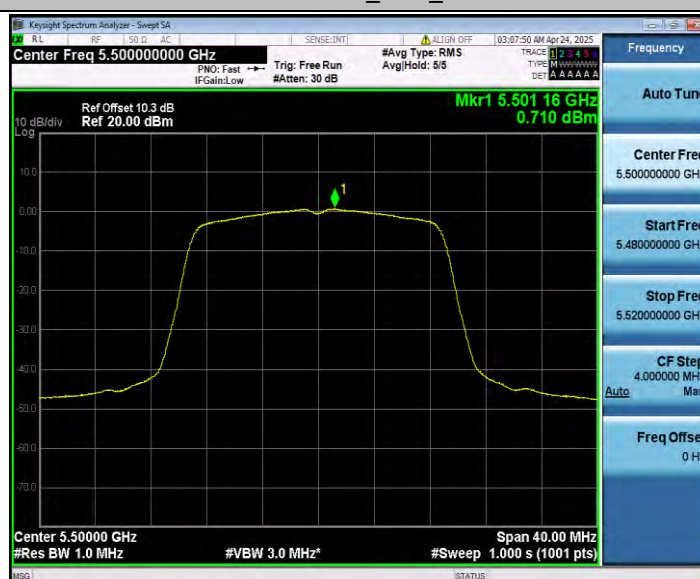
11N40SISO_Ant1_5590



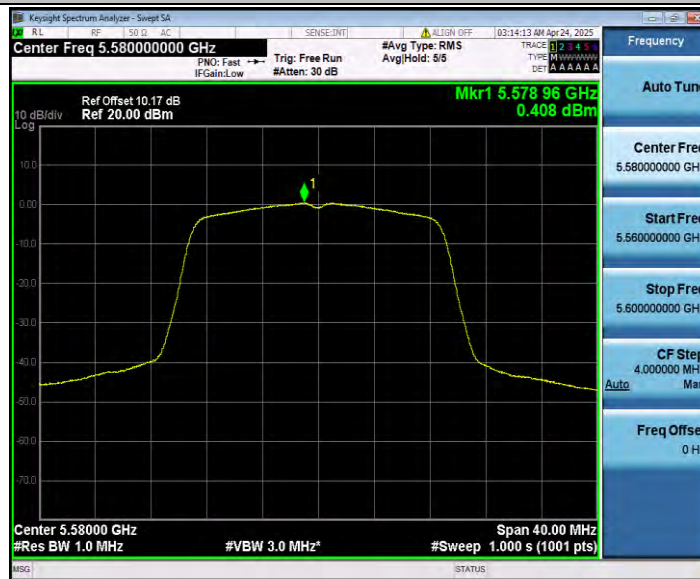
11N40SISO_Ant1_5670



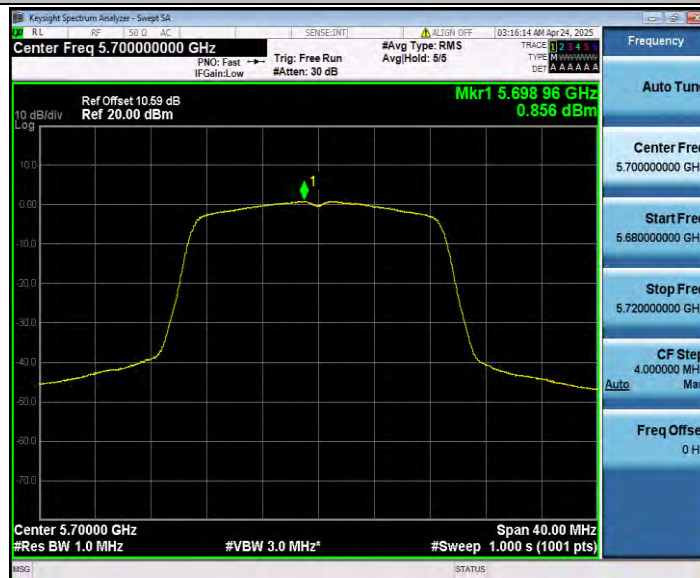
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



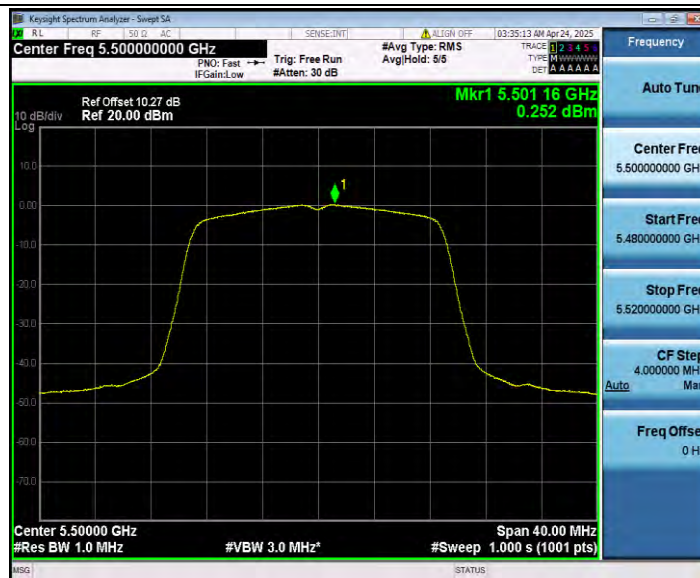
11AC80SISO_Ant1_5530



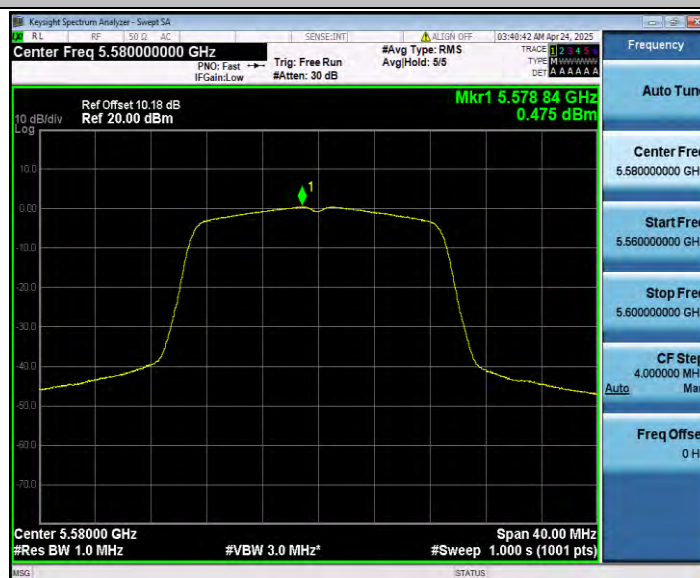
11AC80SISO_Ant1_5610



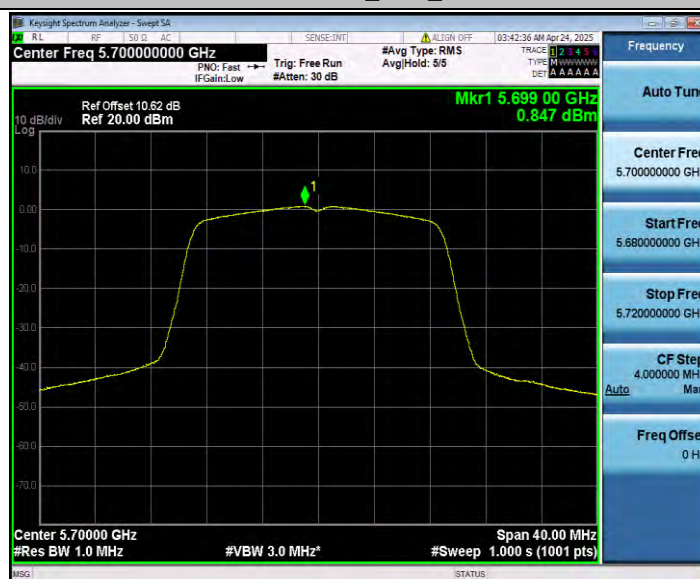
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

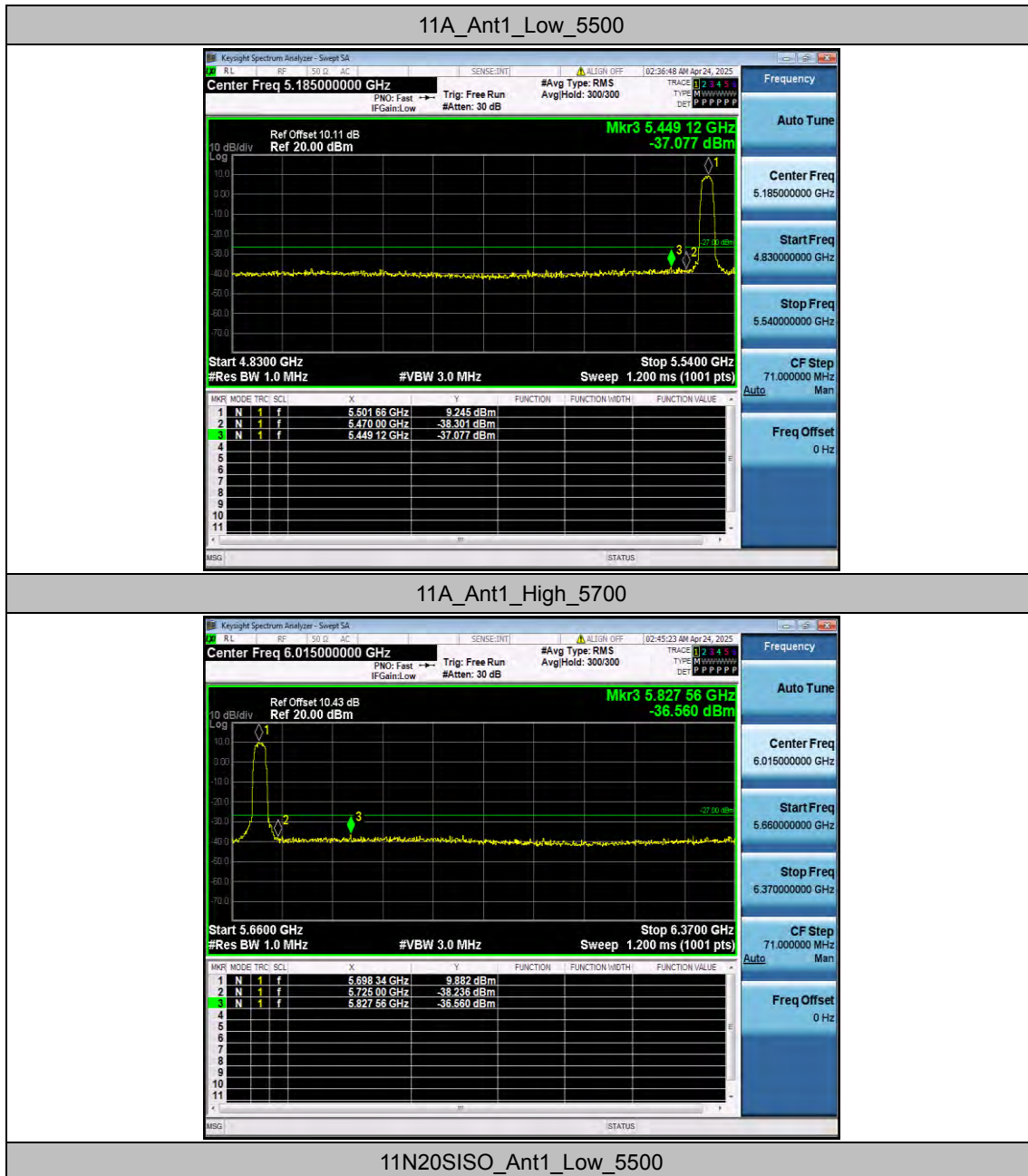


Appendix D.6: Band edge measurements

Test Result B3

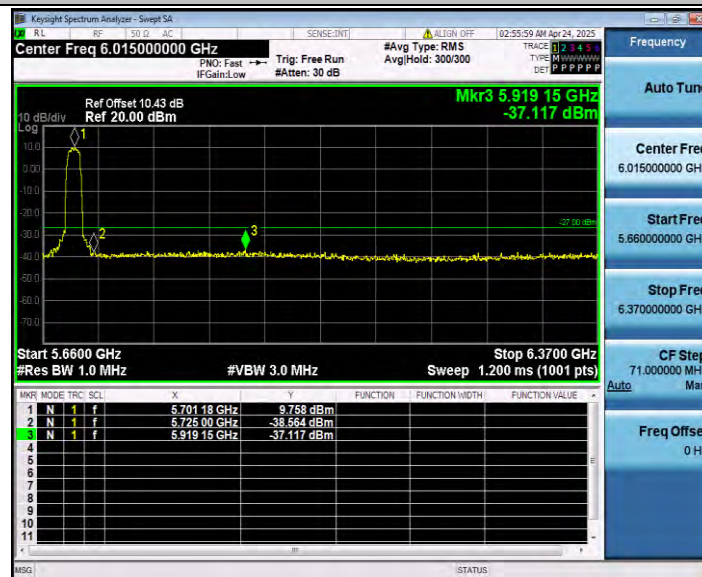
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.08	≤ -27	PASS
		High	5700	-36.56	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-37.25	≤ -27	PASS
		High	5700	-37.12	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-36.31	≤ -27	PASS
		High	5670	-36.62	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-37.23	≤ -27	PASS
		High	5700	-36.4	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-36.88	≤ -27	PASS
		High	5670	-37.04	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-36.04	≤ -27	PASS
		High	5610	-37.55	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-37.51	≤ -27	PASS
		High	5700	-36.8	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-37.35	≤ -27	PASS
		High	5670	-37.11	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-35.68	≤ -27	PASS
		High	5610	-36.16	≤ -27	PASS

Test Graphs B3

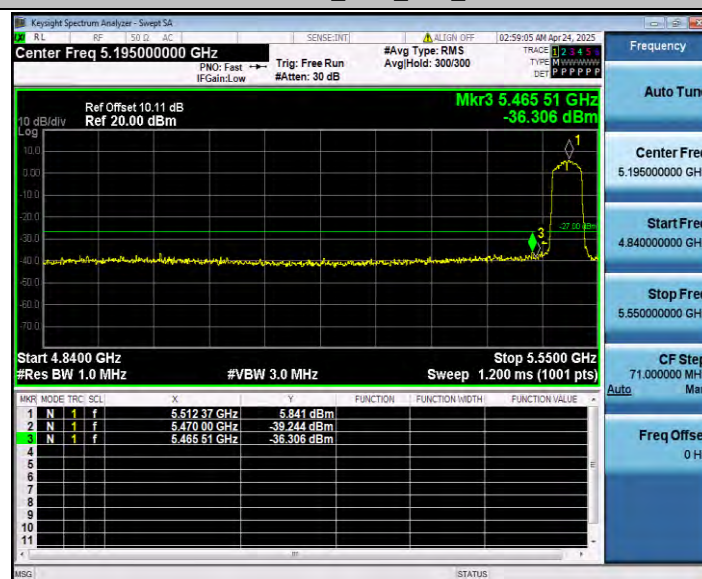




11N20SISO_Ant1_High_5700



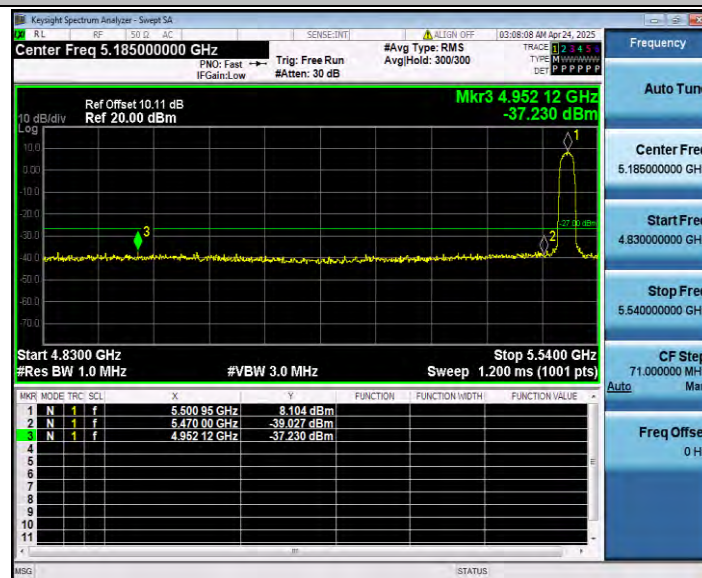
11N40SISO_Ant1_Low_5510



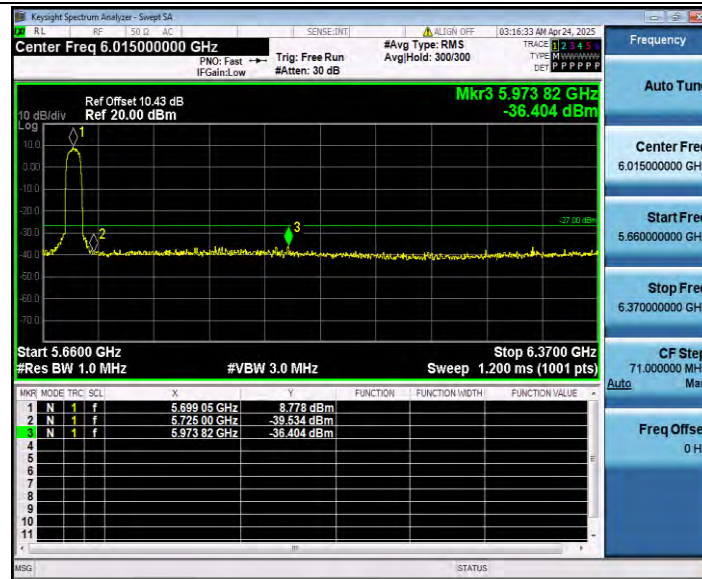
11N40SISO_Ant1_High_5670



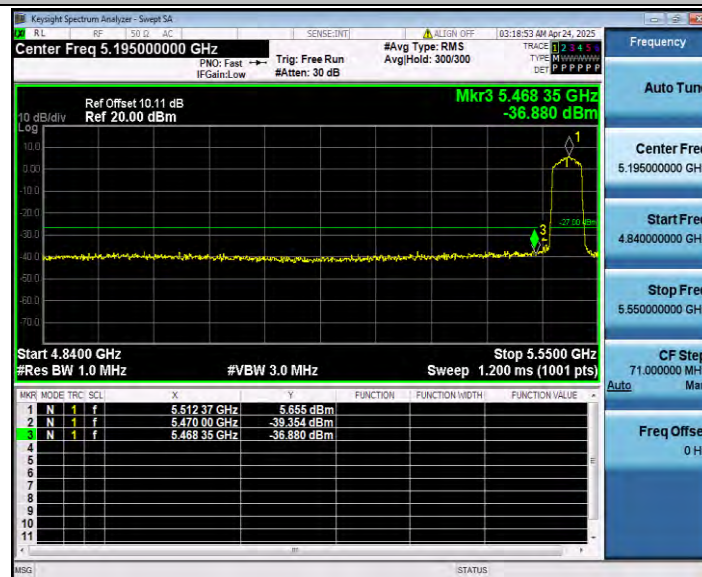
11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



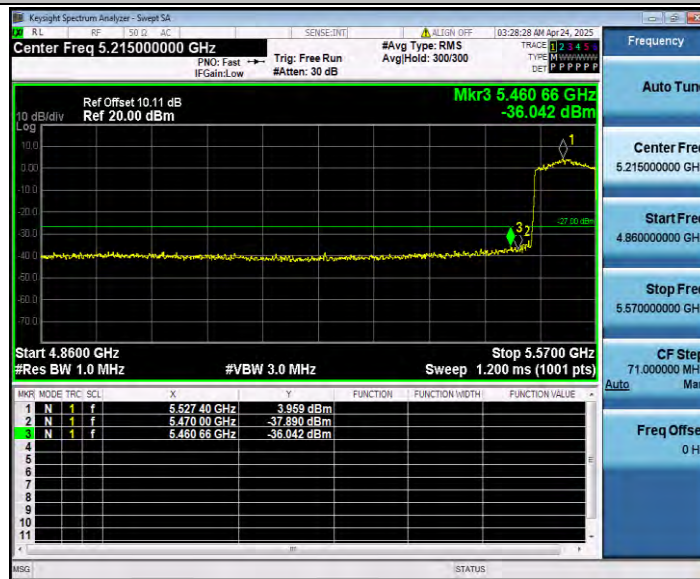
11AC40SISO_Ant1_Low_5510



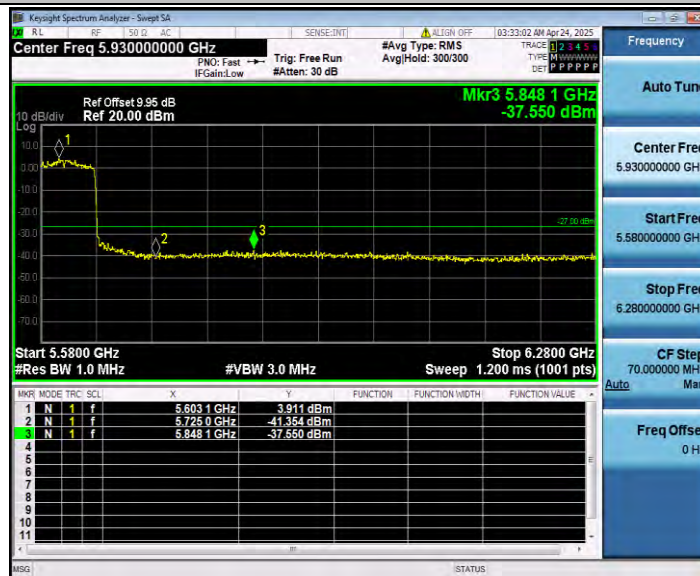
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



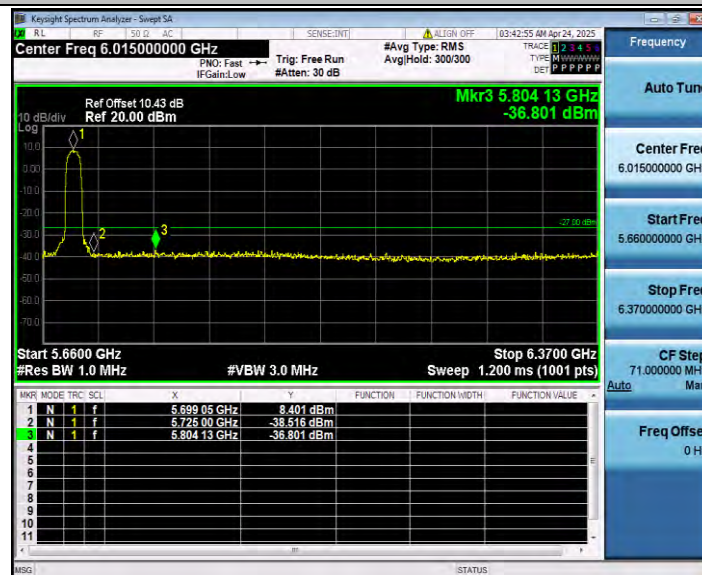
11AC80SISO_Ant1_High_5610



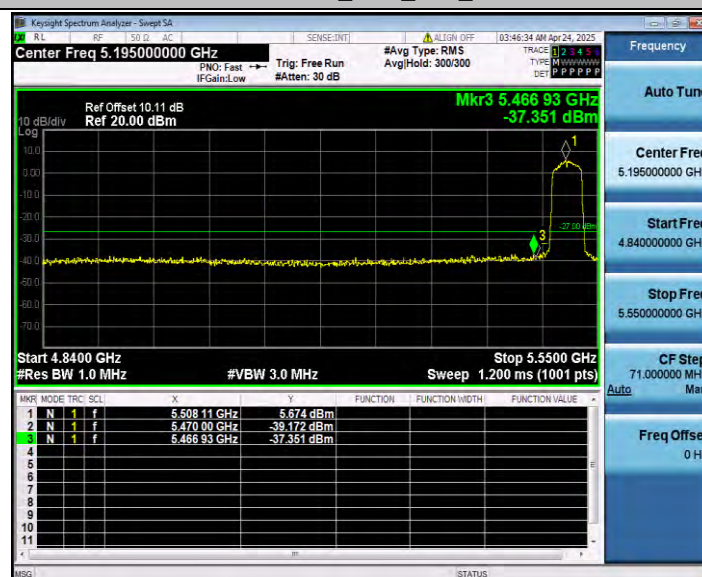
11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



11AX40SISO_Ant1_Low_5510



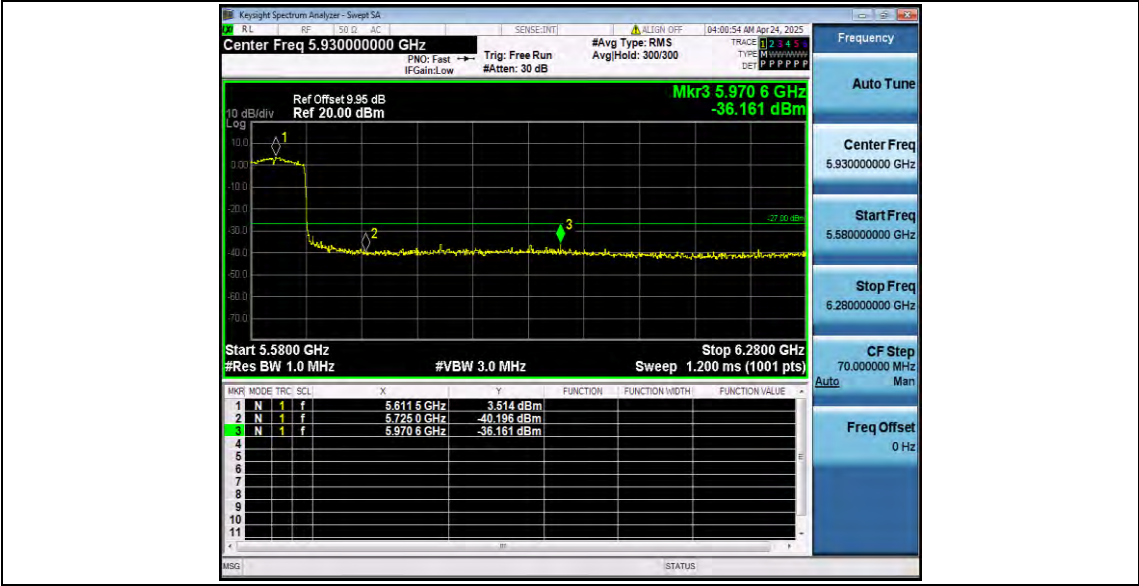
11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610



Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5447.51	-45.54	≤-27	PASS
			5735~27000	23591.93	-36.59	≤-27	PASS
		5580	30~5460	5441.54	-45.99	≤-27	PASS
			5735~27000	24312.1	-37.52	≤-27	PASS
		5700	30~5460	2487.98	-46.11	≤-27	PASS
			5735~27000	23591.93	-36.53	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5452.4	-44.73	≤-27	PASS
			5735~27000	24217.12	-37.24	≤-27	PASS
		5580	30~5460	5421.27	-45.25	≤-27	PASS
			5735~27000	24856.49	-36.28	≤-27	PASS
		5700	30~5460	5445.52	-45.78	≤-27	PASS
			5735~27000	24935.17	-36.88	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5458.01	-44.18	≤-27	PASS
			5735~27000	24794.82	-36.41	≤-27	PASS
		5590	30~5460	5411.31	-46.53	≤-27	PASS
			5735~27000	26747.66	-36.97	≤-27	PASS
		5670	30~5460	5415.29	-46.06	≤-27	PASS
			5735~27000	24297.22	-37.07	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5444.25	-44.06	≤-27	PASS
			5735~27000	26664.72	-37.16	≤-27	PASS
		5580	30~5460	5446.97	-45.72	≤-27	PASS
			5735~27000	24265.32	-36.89	≤-27	PASS
		5700	30~5460	4953.38	-45.89	≤-27	PASS
			5735~27000	25563.9	-36.84	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5458.37	-44.08	≤-27	PASS
			5735~27000	26932.66	-37.25	≤-27	PASS
		5590	30~5460	2335.04	-44.77	≤-27	PASS
			5735~27000	25614.23	-37.08	≤-27	PASS
		5670	30~5460	5437.74	-45.72	≤-27	PASS
			5735~27000	24248.31	-36.71	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5437.01	-38	≤-27	PASS
			5735~27000	26880.21	-37.24	≤-27	PASS
		5610	30~5460	5000.62	-45.96	≤-27	PASS
			5735~27000	24237.68	-37.05	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5444.07	-45.31	≤-27	PASS
			5735~27000	24326.99	-37.11	≤-27	PASS

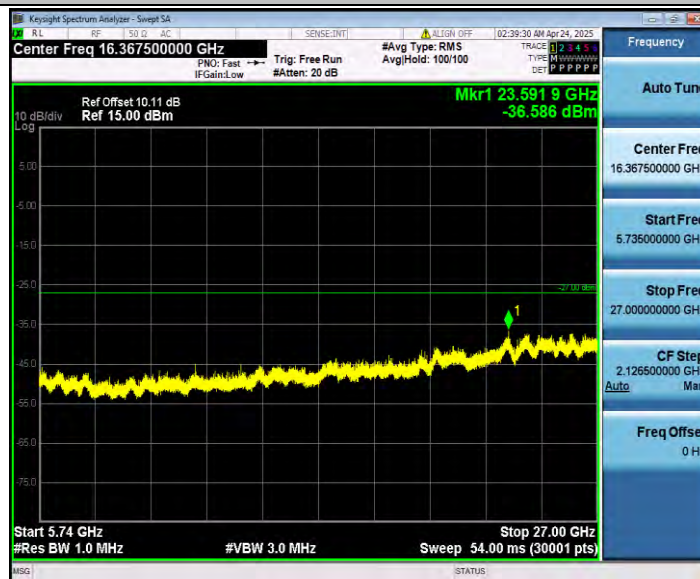
		5580	30~5460	5457.65	-46.41	≤ -27	PASS
			5735~27000	24251.14	-36.99	≤ -27	PASS
		5700	30~5460	3030.98	-46.12	≤ -27	PASS
			5735~27000	26675.35	-36.92	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	2605.27	-40.63	≤ -27	PASS
			5735~27000	24208.61	-37.3	≤ -27	PASS
		5590	30~5460	5443.35	-44.92	≤ -27	PASS
			5735~27000	24248.31	-36.71	≤ -27	PASS
		5670	30~5460	5406.06	-45.9	≤ -27	PASS
			5735~27000	26498.85	-36.76	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5458.37	-39.54	≤ -27	PASS
			5735~27000	24812.54	-37.3	≤ -27	PASS
		5610	30~5460	5459.82	-45.45	≤ -27	PASS
			5735~27000	24205.07	-36.26	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



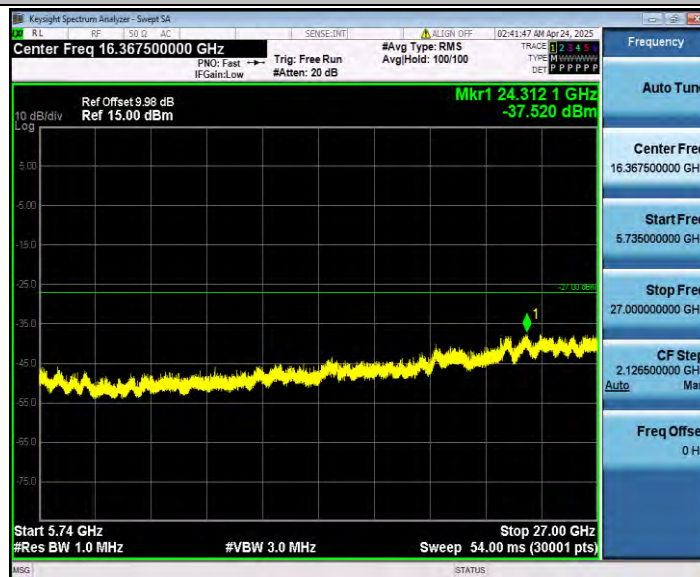
11A_Ant1_5500_5735~27000



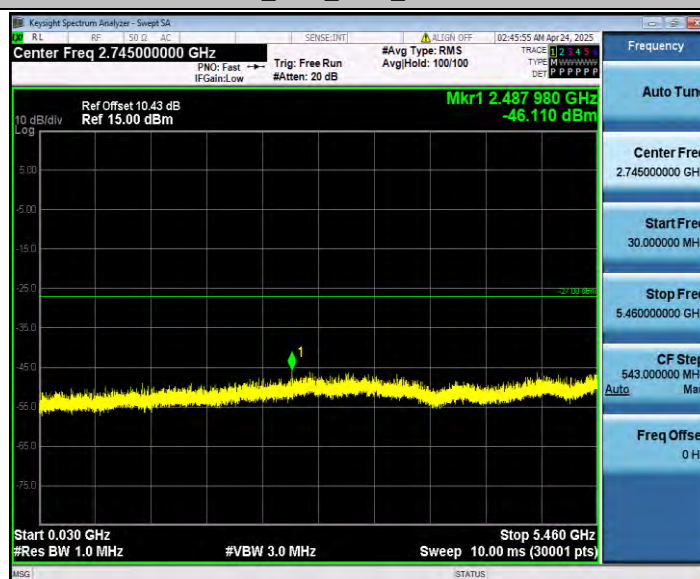
11A_Ant1_5580_30~5460



11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~27000



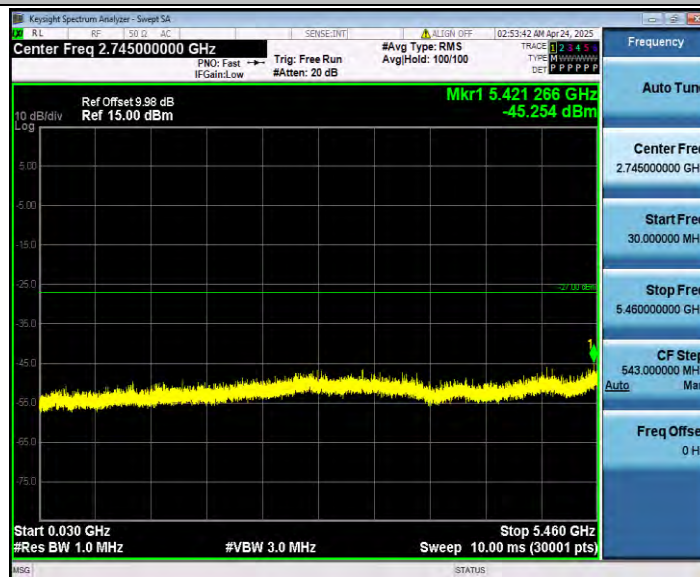
11N20SISO_Ant1_5500_30~5460



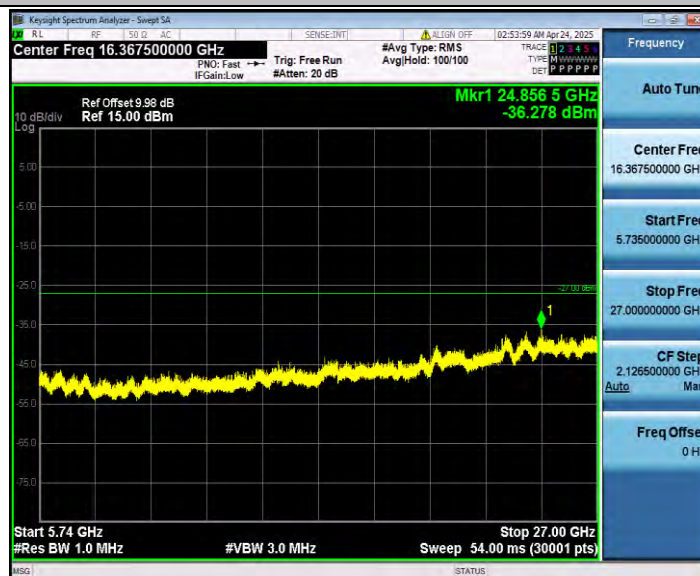
11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



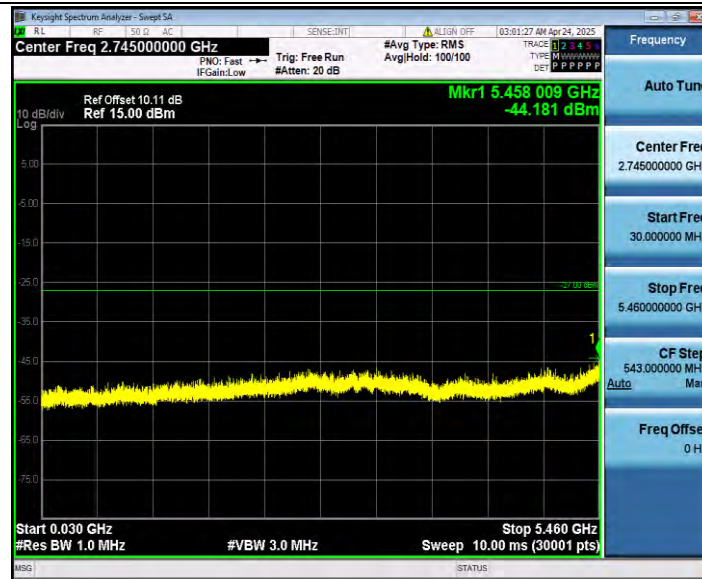
11N20SISO_Ant1_5700_30~5460



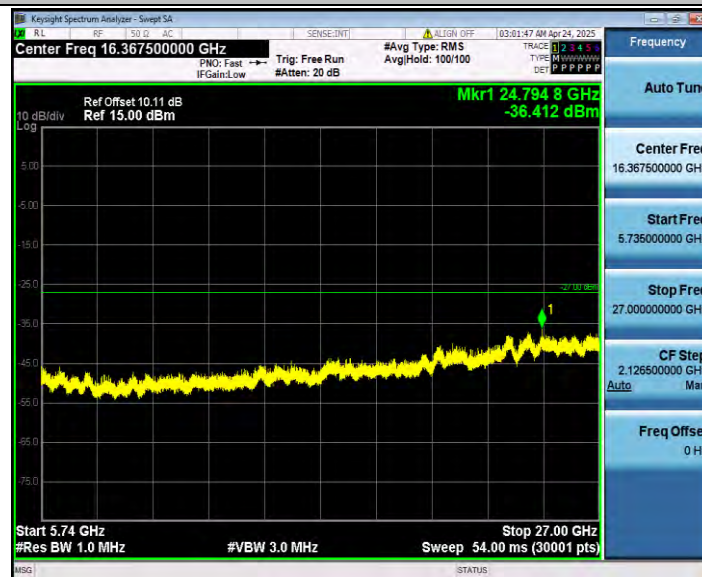
11N20SISO_Ant1_5700_5735~27000



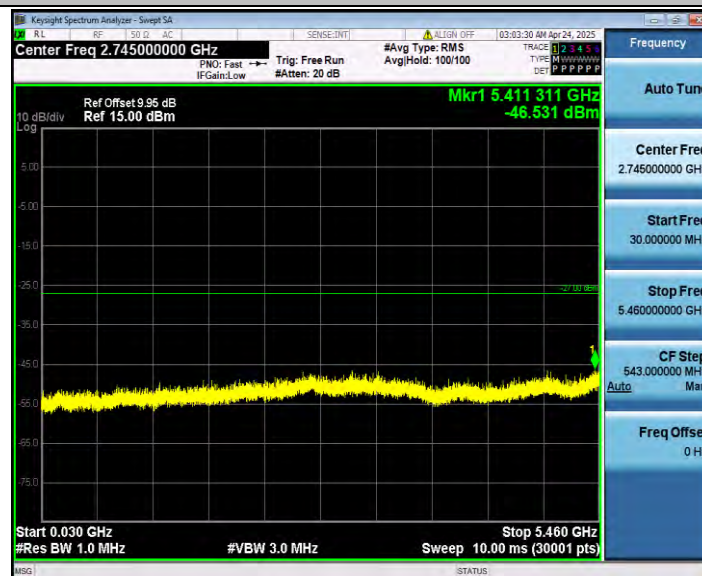
11N40SISO_Ant1_5510_30~5460



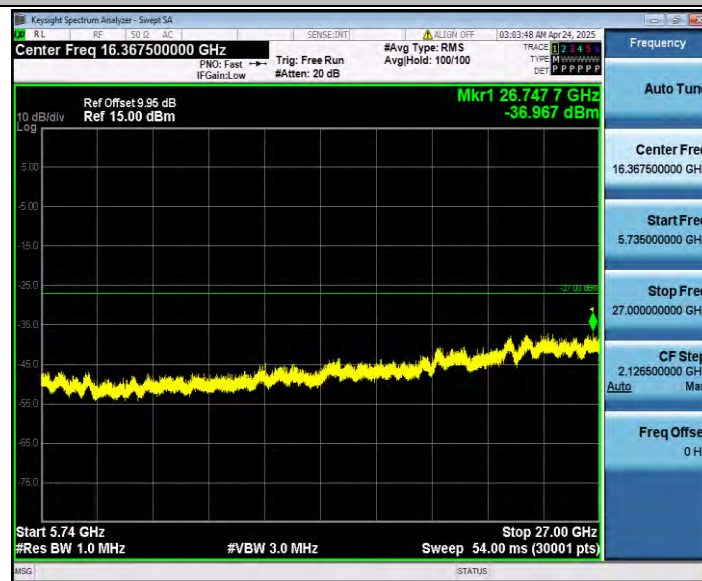
11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



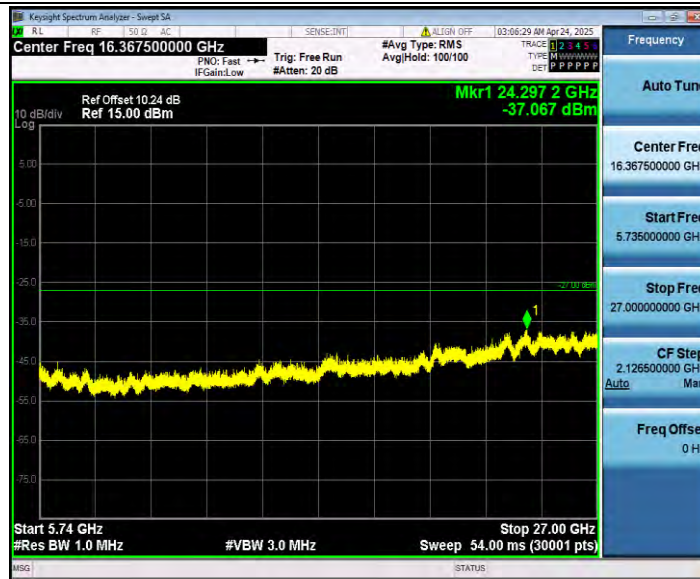
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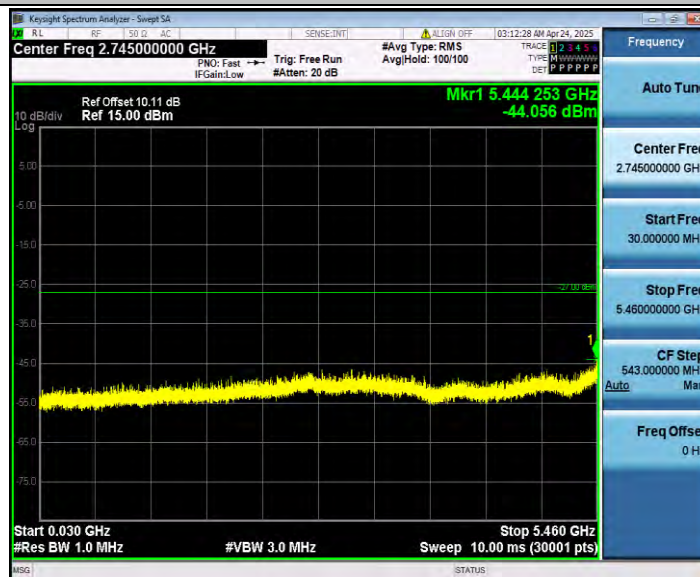
11N40SISO_Ant1_5670_30~5460



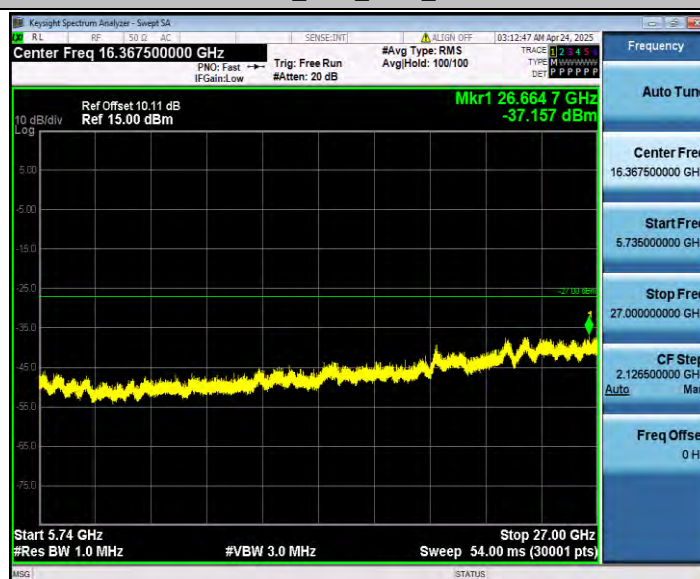
11N40SISO_Ant1_5670_5735~27000



11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~27000



11AC20SISO_Ant1_5580_30~5460



11AC20SISO_Ant1_5580_5735~27000



11AC20SISO_Ant1_5700_30~5460



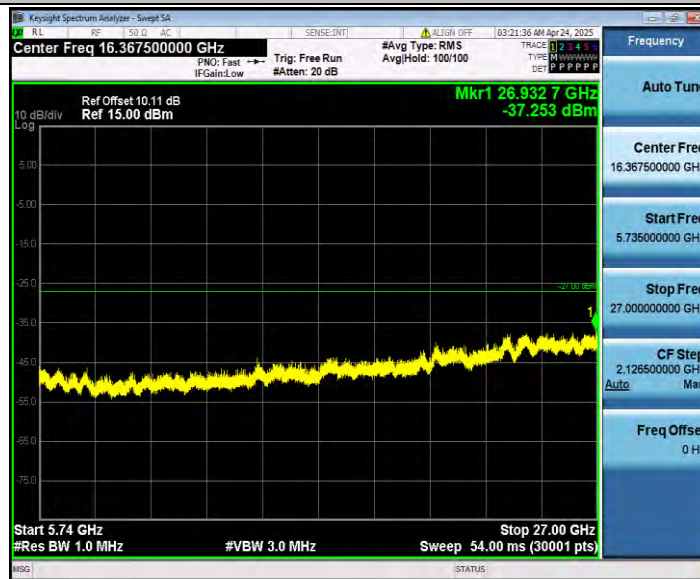
11AC20SISO_Ant1_5700_5735~27000



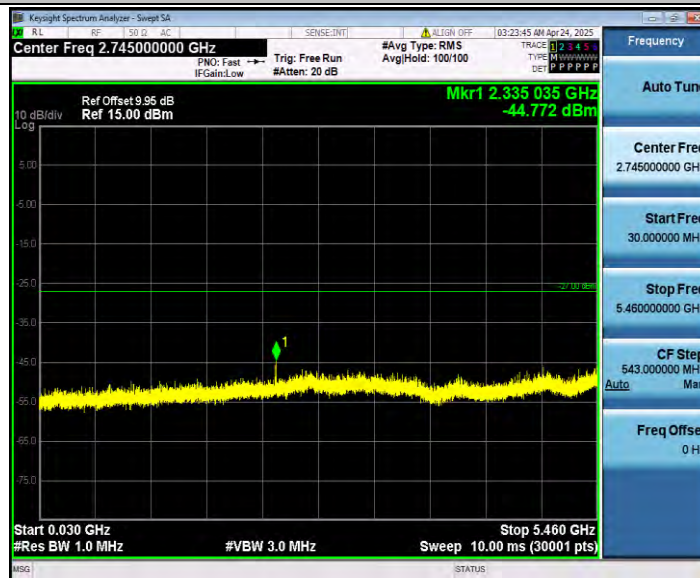
11AC40SISO_Ant1_5510_30~5460



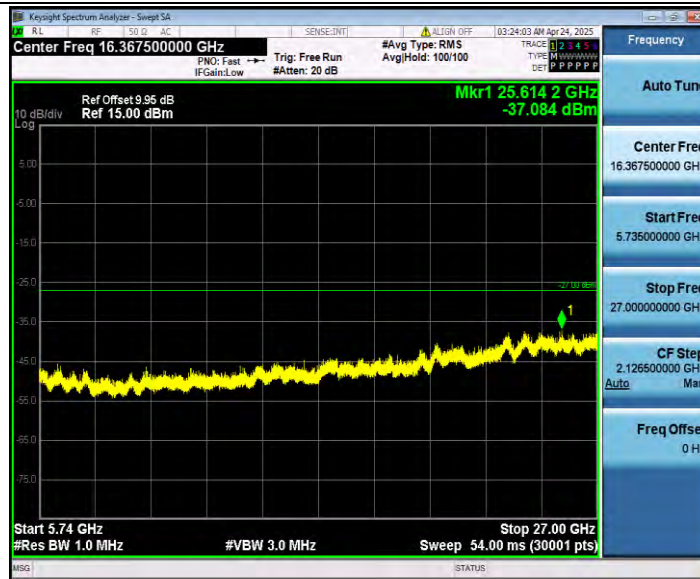
11AC40SISO_Ant1_5510_5735~27000



11AC40SISO_Ant1_5590_30~5460



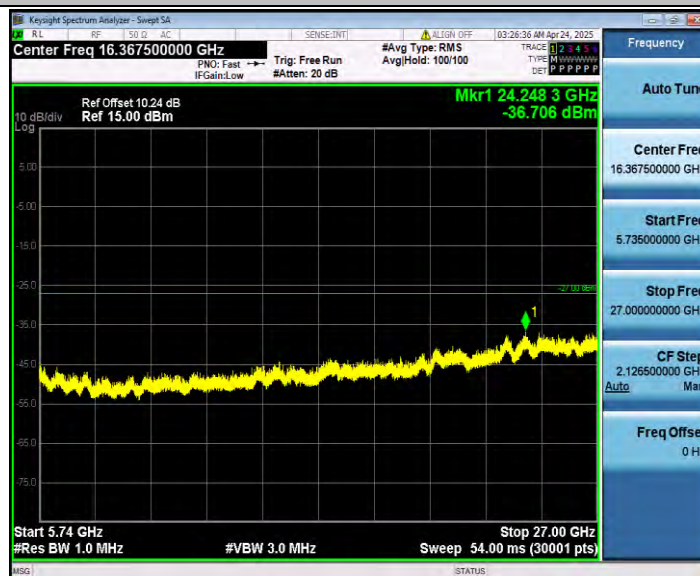
11AC40SISO_Ant1_5590_5735~27000



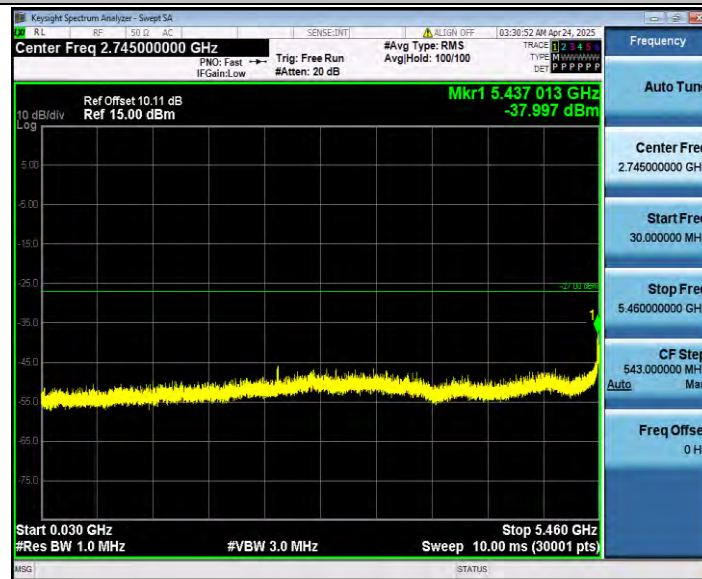
11AC40SISO_Ant1_5670_30~5460



11AC40SISO_Ant1_5670_5735~27000



11AC80SISO_Ant1_5530_30~5460



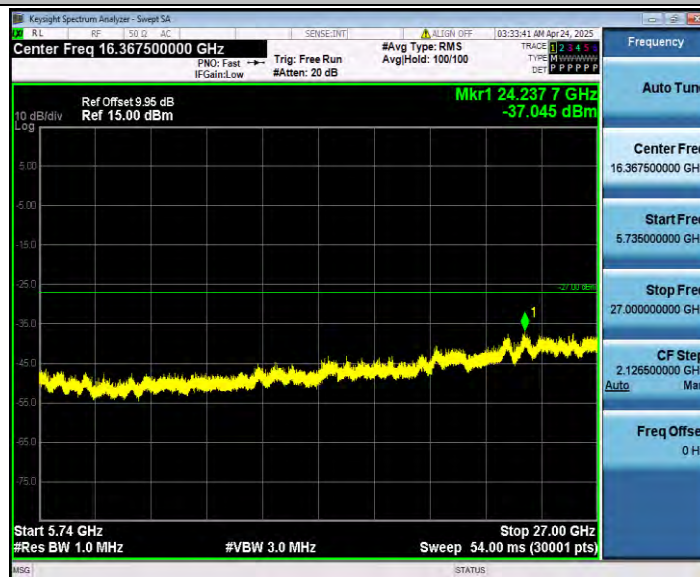
11AC80SISO_Ant1_5530_5735~27000



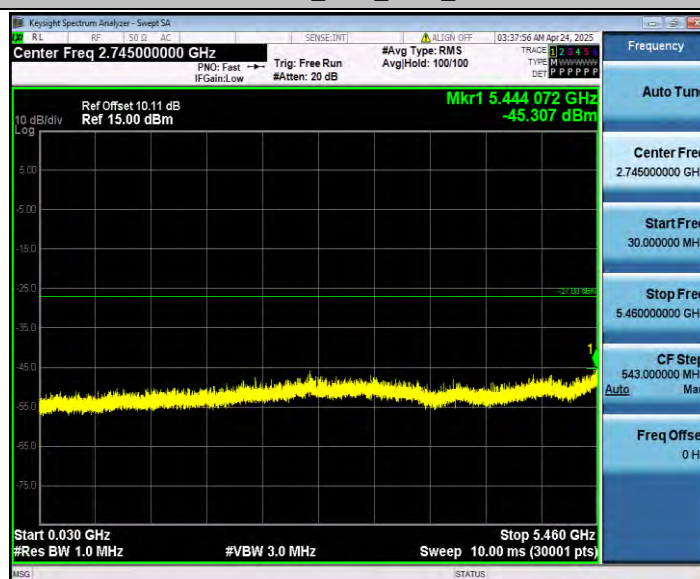
11AC80SISO_Ant1_5610_30~5460



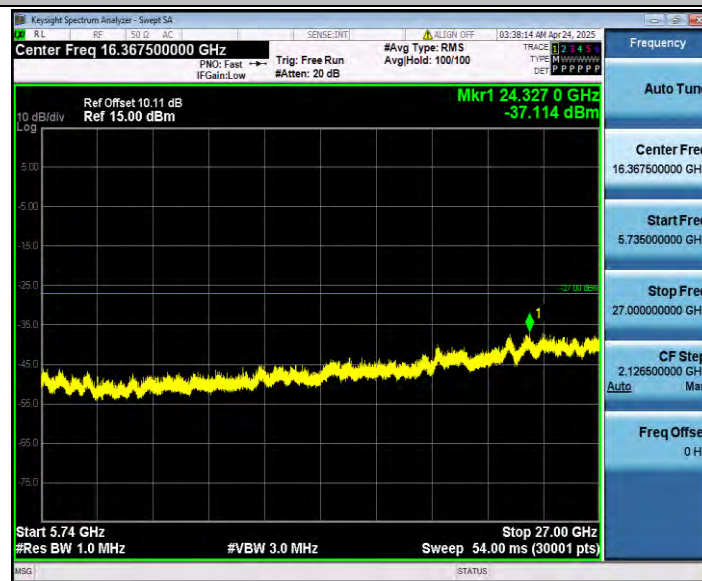
11AC80SISO_Ant1_5610_5735~27000



11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~27000



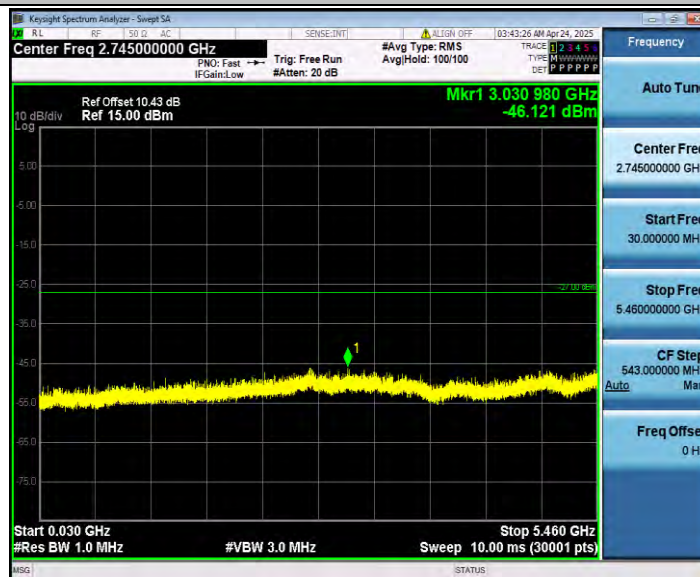
11AX20SISO_Ant1_5580_30~5460



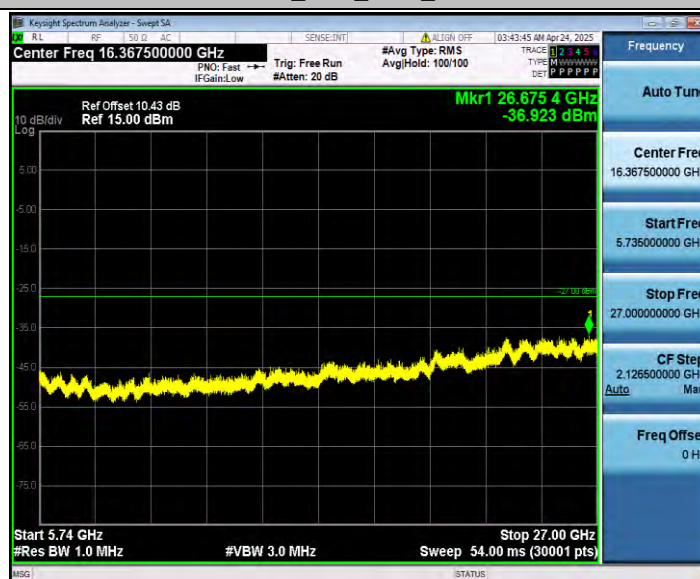
11AX20SISO_Ant1_5580_5735~27000



11AX20SISO_Ant1_5700_30~5460



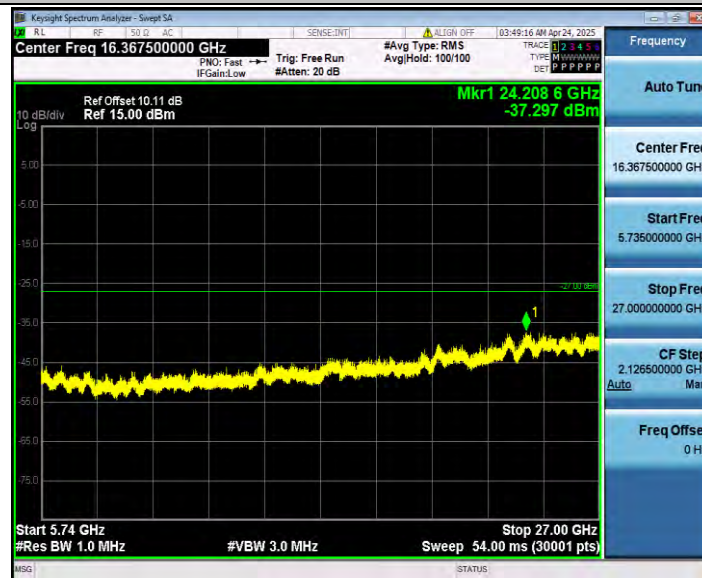
11AX20SISO_Ant1_5700_5735~27000



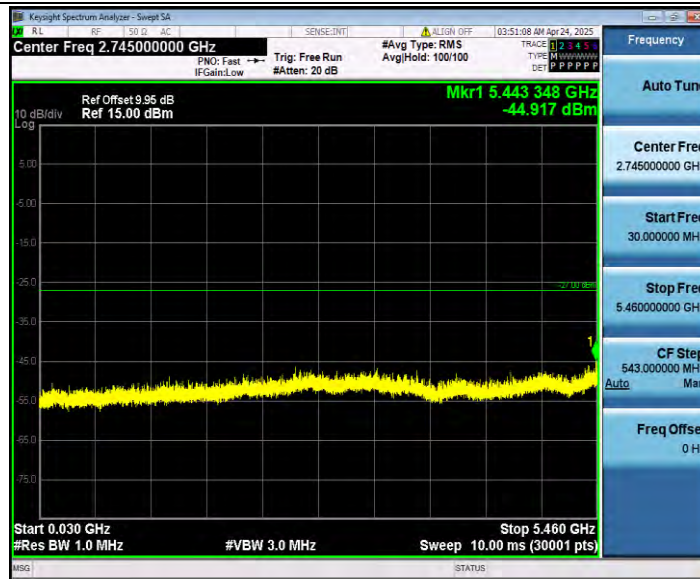
11AX40SISO_Ant1_5510_30~5460



11AX40SISO_Ant1_5510_5735~27000



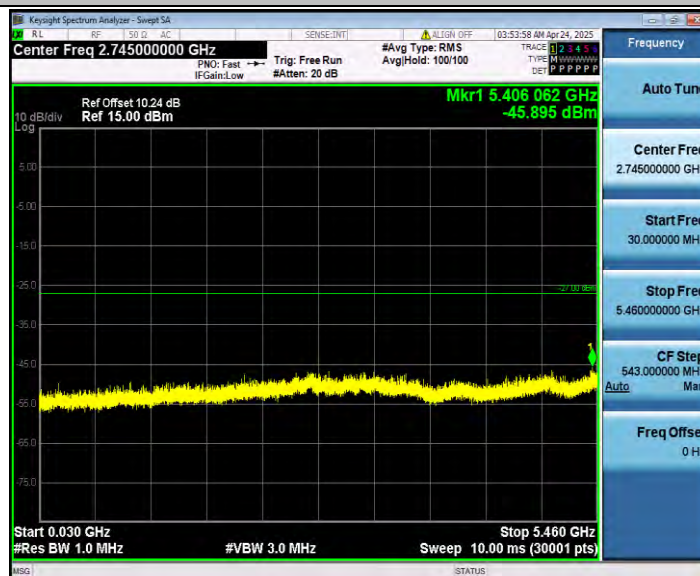
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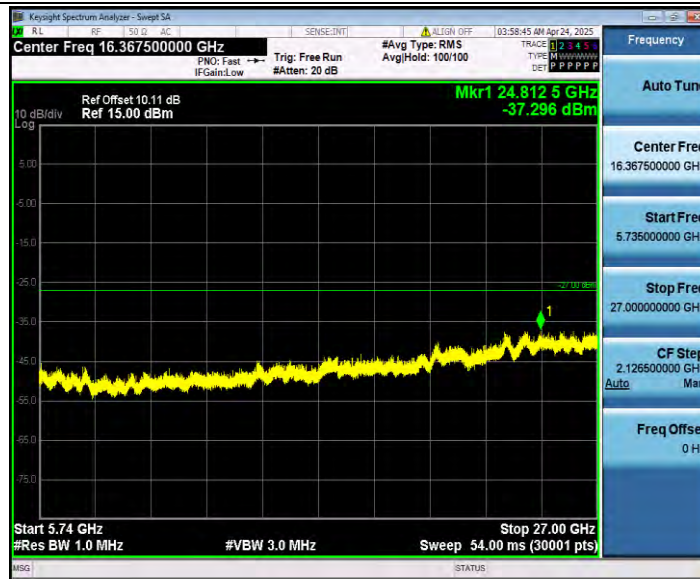
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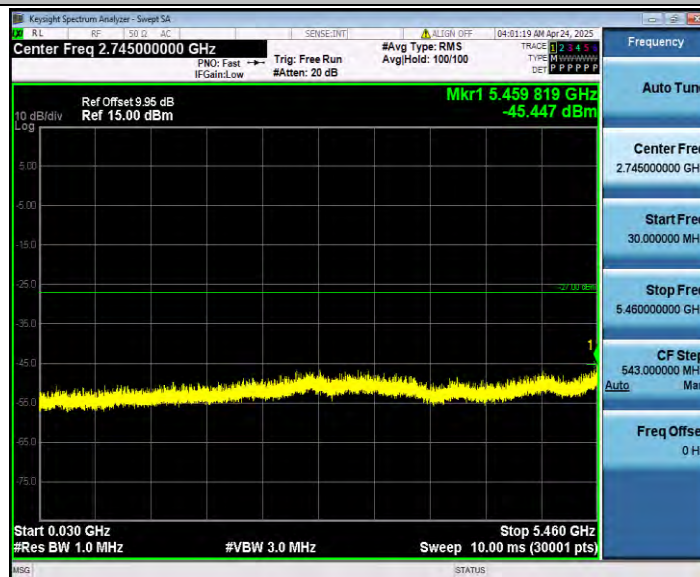
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11AX80SISO_Ant1_5530_5735~27000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

