

Appendix F.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	10.41	100.00	0.00	10.41	≤23.98	PASS
		5580	9.36	100.00	0.00	9.36	≤23.98	PASS
		5700	7.97	100.00	0.00	7.97	≤23.98	PASS
11N20SISO	Ant1	5500	11.45	100.00	0.00	11.45	≤23.98	PASS
		5580	10.58	100.00	0.00	10.58	≤23.98	PASS
		5700	8.60	100.00	0.00	8.60	≤23.98	PASS
11N40SISO	Ant1	5510	11.44	100.00	0.00	11.44	≤23.98	PASS
		5590	10.17	100.00	0.00	10.17	≤23.98	PASS
		5670	9.53	100.00	0.00	9.53	≤23.98	PASS
11AC20SISO	Ant1	5500	11.20	100.00	0.00	11.20	≤23.98	PASS
		5580	10.61	100.00	0.00	10.61	≤23.98	PASS
		5700	8.73	100.00	0.00	8.73	≤23.98	PASS
11AC40SISO	Ant1	5510	10.48	100.00	0.00	10.48	≤23.98	PASS
		5590	9.92	100.00	0.00	9.92	≤23.98	PASS
		5670	9.56	100.00	0.00	9.56	≤23.98	PASS
11AC80SISO	Ant1	5530	10.06	100.00	0.00	10.06	≤23.98	PASS
		5610	8.74	100.00	0.00	8.74	≤23.98	PASS
11AX20SISO	Ant1	5500	10.89	100.00	0.00	10.89	≤23.98	PASS
		5580	10.13	100.00	0.00	10.13	≤23.98	PASS
		5700	8.50	100.00	0.00	8.50	≤23.98	PASS
11AX40SISO	Ant1	5510	11.73	100.00	0.00	11.73	≤23.98	PASS
		5590	10.23	100.00	0.00	10.23	≤23.98	PASS
		5670	9.94	100.00	0.00	9.94	≤23.98	PASS
11AX80SISO	Ant1	5530	10.12	100.00	0.00	10.12	≤23.98	PASS
		5610	8.66	100.00	0.00	8.66	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	-0.83	≤11.00	PASS
		5580	-1.73	≤11.00	PASS
		5700	-3.09	≤11.00	PASS
11N20SISO	Ant1	5500	-0.15	≤11.00	PASS
		5580	-0.84	≤11.00	PASS
		5700	-2.69	≤11.00	PASS
11N40SISO	Ant1	5510	-2.25	≤11.00	PASS
		5590	-3.38	≤11.00	PASS
		5670	-3.96	≤11.00	PASS
11AC20SISO	Ant1	5500	-0.33	≤11.00	PASS
		5580	-0.82	≤11.00	PASS
		5700	-2.58	≤11.00	PASS
11AC40SISO	Ant1	5510	-3.09	≤11.00	PASS
		5590	-3.62	≤11.00	PASS
		5670	-3.97	≤11.00	PASS
11AC80SISO	Ant1	5530	-7.14	≤11.00	PASS
		5610	-8.63	≤11.00	PASS
11AX20SISO	Ant1	5500	-1.02	≤11.00	PASS
		5580	-1.76	≤11.00	PASS
		5700	-3.26	≤11.00	PASS
11AX40SISO	Ant1	5510	-2.05	≤11.00	PASS
		5590	-3.45	≤11.00	PASS
		5670	-3.69	≤11.00	PASS
11AX80SISO	Ant1	5530	-7.47	≤11.00	PASS
		5610	-8.80	≤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 Factorand RBW Factoriscompensatedinthe graph.

Test Graphs

11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



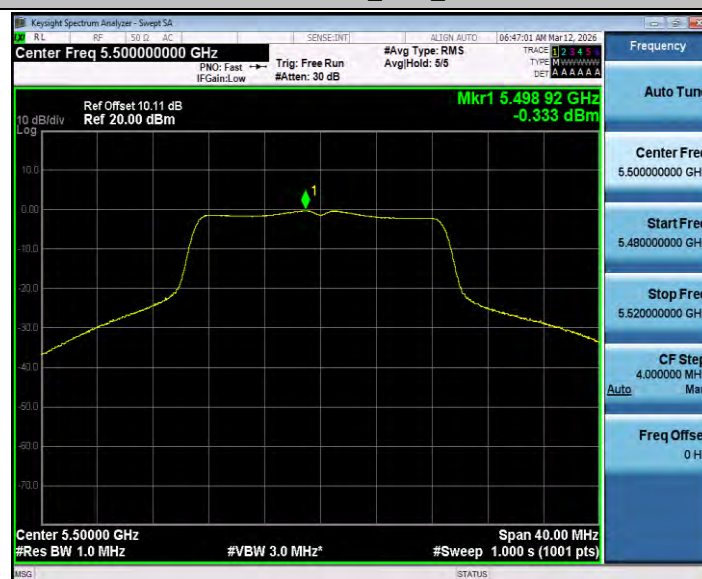
11N40SISO_Ant1_5590



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

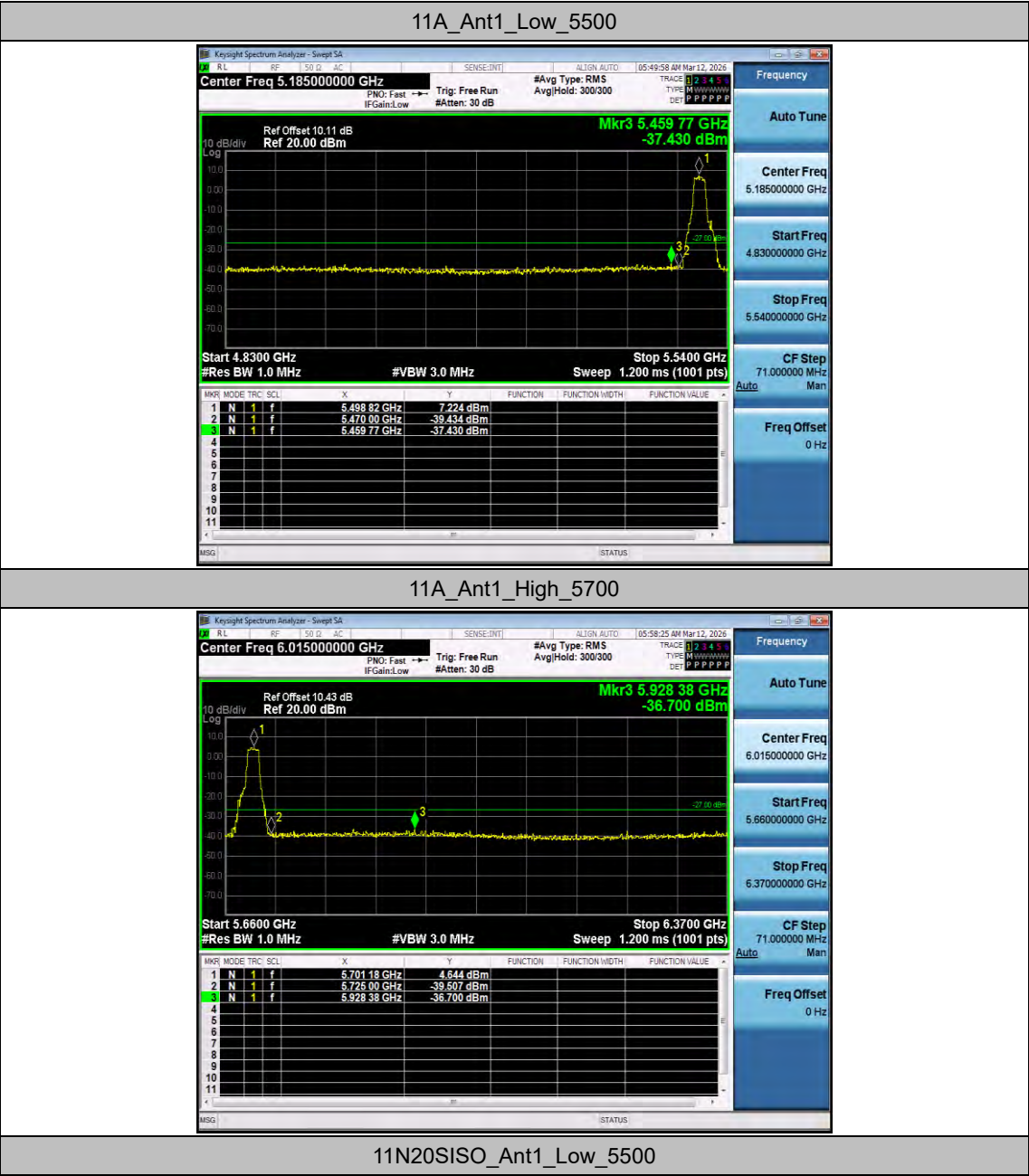


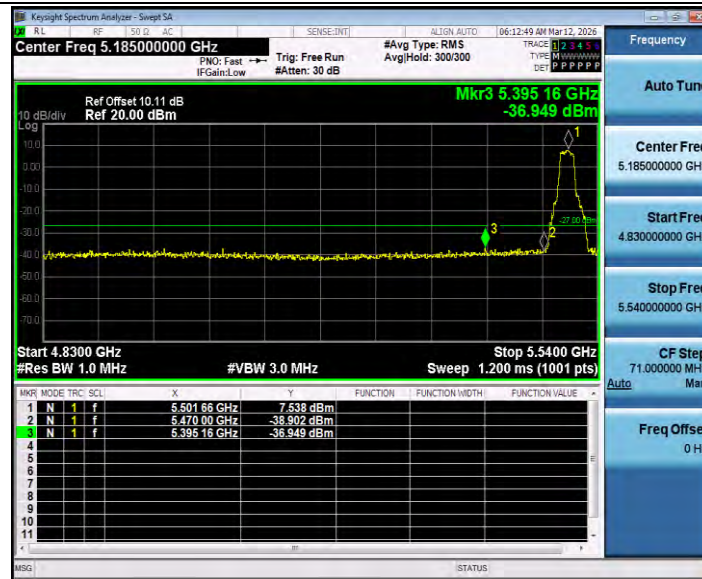
Appendix F.6:Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.43	≤ -27	PASS
		High	5700	-36.7	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-36.95	≤ -27	PASS
		High	5700	-36.78	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-34.61	≤ -27	PASS
		High	5670	-37.26	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-36.81	≤ -27	PASS
		High	5700	-36.06	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-35.3	≤ -27	PASS
		High	5670	-36.78	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-33.73	≤ -27	PASS
		High	5610	-36.35	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-37.17	≤ -27	PASS
		High	5700	-36.81	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-32.63	≤ -27	PASS
		High	5670	-37.14	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-30.32	≤ -27	PASS
		High	5610	-37.71	≤ -27	PASS

Test GraphsB3

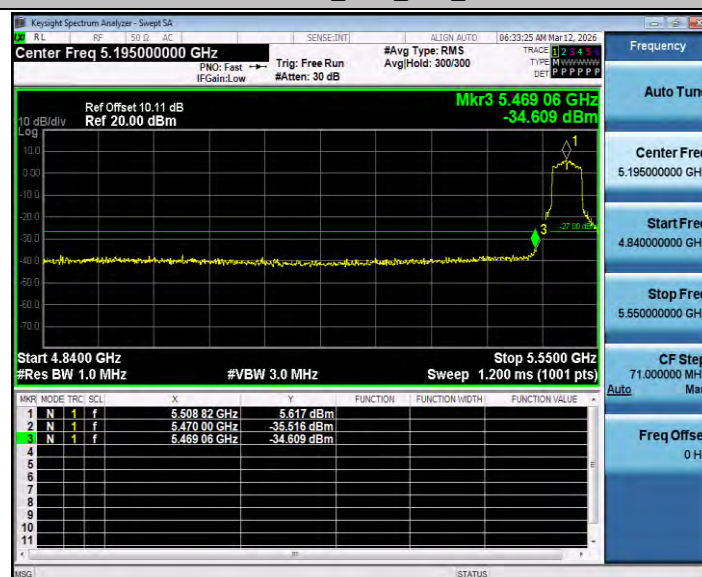


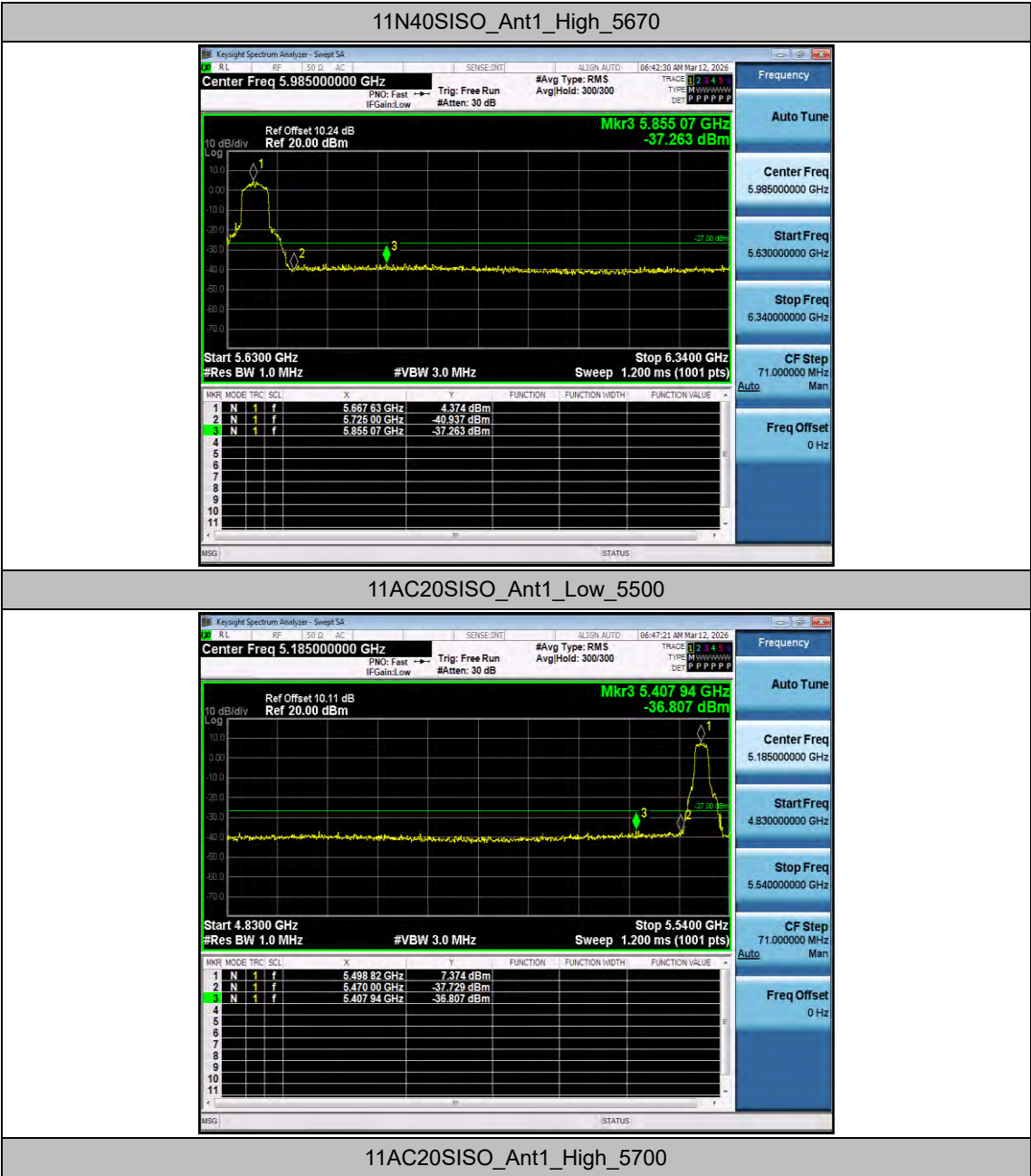


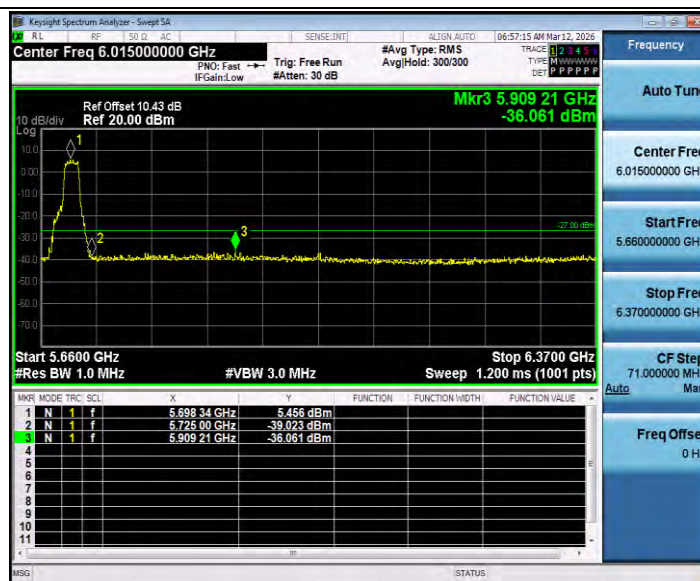
11N20SISO_Ant1_High_5700



11N40SISO_Ant1_Low_5510







11AC40SISO_Ant1_Low_5510



11AC40SISO_Ant1_High_5670



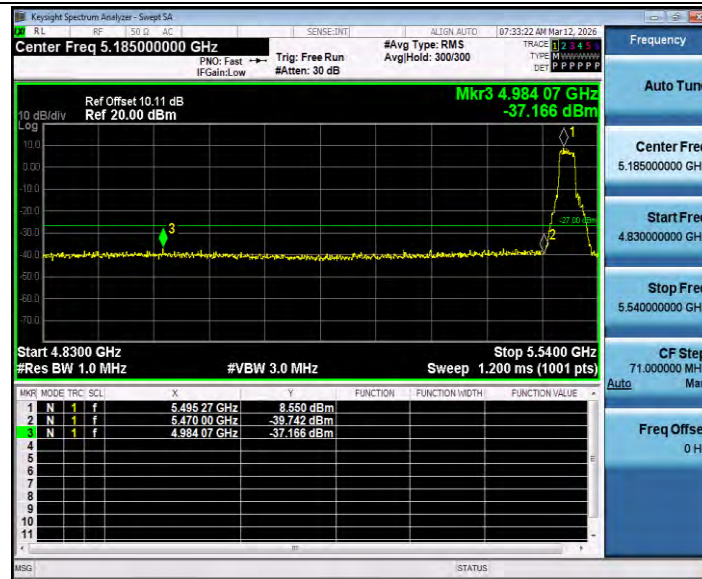
11AC80SISO_Ant1_Low_5530



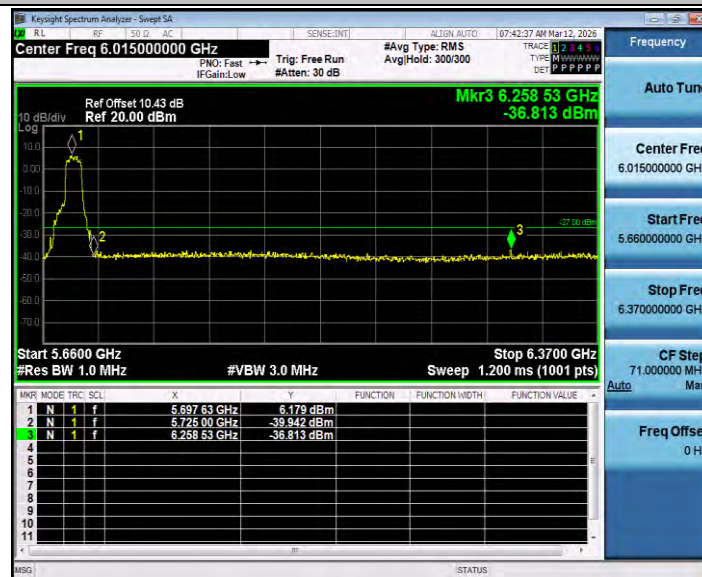
11AC80SISO_Ant1_High_5610



11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



11AX40SISO_Ant1_Low_5510



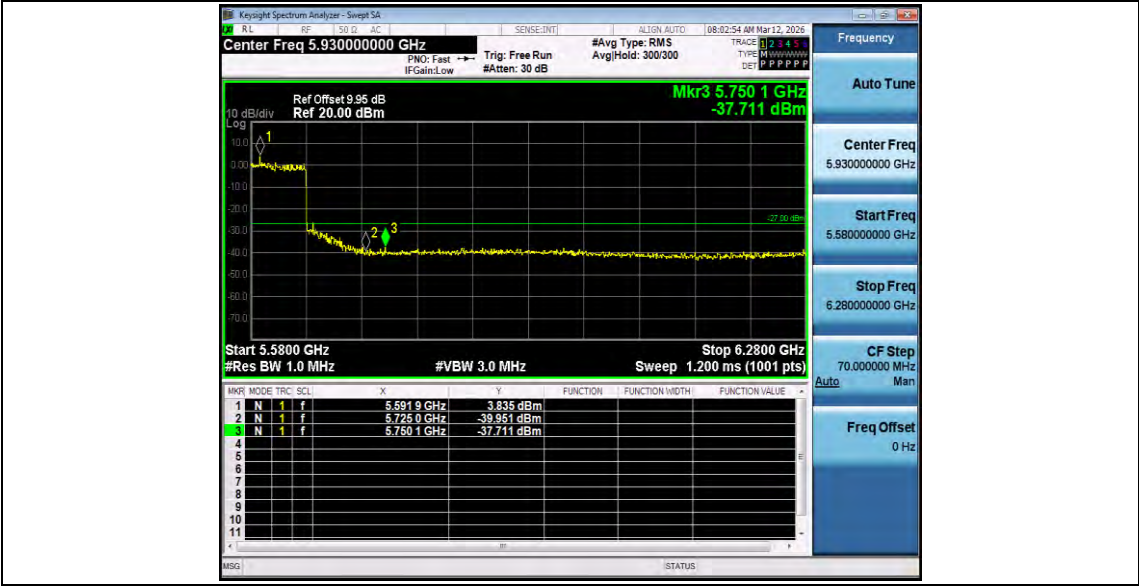
11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610



Appendix F.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	5415.84	-45.04	≤-27	PASS
			5735~27000	24312.1	-36.5	≤-27	PASS
		5580	30~5460	5446.43	-46.45	≤-27	PASS
			5735~27000	25099.62	-36.77	≤-27	PASS
		5700	30~5460	3253.79	-46.36	≤-27	PASS
			5735~27000	23535.22	-35.95	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5455.29	-44.69	≤-27	PASS
			5735~27000	26550.6	-36.86	≤-27	PASS
		5580	30~5460	5418.73	-46.61	≤-27	PASS
			5735~27000	26055.13	-36.75	≤-27	PASS
		5700	30~5460	3088.18	-45.63	≤-27	PASS
			5735~27000	24266.74	-36.28	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5454.39	-43.21	≤-27	PASS
			5735~27000	24301.47	-36.68	≤-27	PASS
		5590	30~5460	2684.37	-45.66	≤-27	PASS
			5735~27000	24939.42	-36.42	≤-27	PASS
		5670	30~5460	3167.27	-45.58	≤-27	PASS
			5735~27000	24266.74	-37.05	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5458.37	-44.33	≤-27	PASS
			5735~27000	24261.78	-36.87	≤-27	PASS
		5580	30~5460	5457.65	-46.34	≤-27	PASS
			5735~27000	26106.16	-37.17	≤-27	PASS
		5700	30~5460	2666.45	-45.11	≤-27	PASS
			5735~27000	24195.86	-36.46	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5451.49	-43.79	≤-27	PASS
			5735~27000	24343.29	-37.12	≤-27	PASS
		5590	30~5460	5445.52	-45.76	≤-27	PASS
			5735~27000	26070.72	-37.1	≤-27	PASS
		5670	30~5460	5416.74	-45.9	≤-27	PASS
			5735~27000	26967.39	-36.88	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5456.74	-36.65	≤-27	PASS
			5735~27000	23477.81	-37.07	≤-27	PASS
		5610	30~5460	5437.92	-40.57	≤-27	PASS
			5735~27000	23589.09	-36.39	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5431.58	-44.94	≤-27	PASS
			5735~27000	26707.96	-36.95	≤-27	PASS

		5580	30~5460	5459.82	-45.51	≤ -27	PASS
			5735~27000	24886.26	-36.47	≤ -27	PASS
		5700	30~5460	5428.69	-45.66	≤ -27	PASS
			5735~27000	26503.82	-36.43	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5460	-38.37	≤ -27	PASS
			5735~27000	24265.32	-36.37	≤ -27	PASS
		5590	30~5460	5075.19	-45.99	≤ -27	PASS
			5735~27000	25540.51	-36.99	≤ -27	PASS
		5670	30~5460	5401.72	-45.72	≤ -27	PASS
			5735~27000	23568.54	-37.07	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5432.13	-33.52	≤ -27	PASS
			5735~27000	25057.09	-36.79	≤ -27	PASS
		5610	30~5460	5456.74	-41.7	≤ -27	PASS
			5735~27000	24283.04	-36.99	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~27000



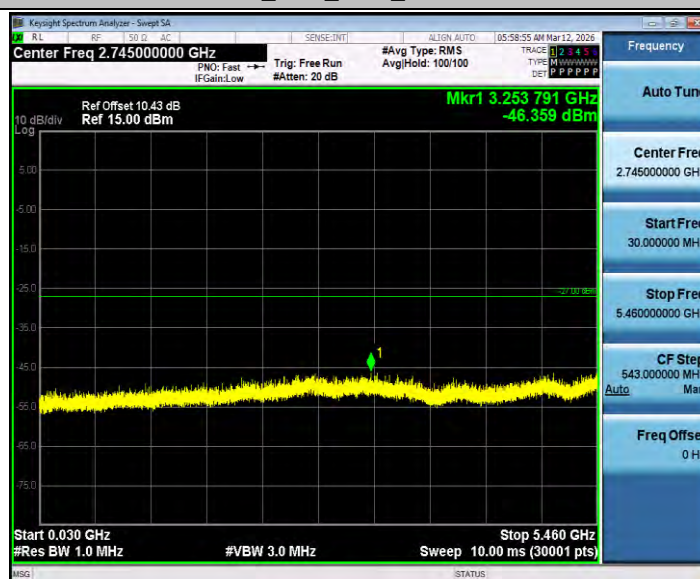
11A_Ant1_5580_30~5460



11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~27000



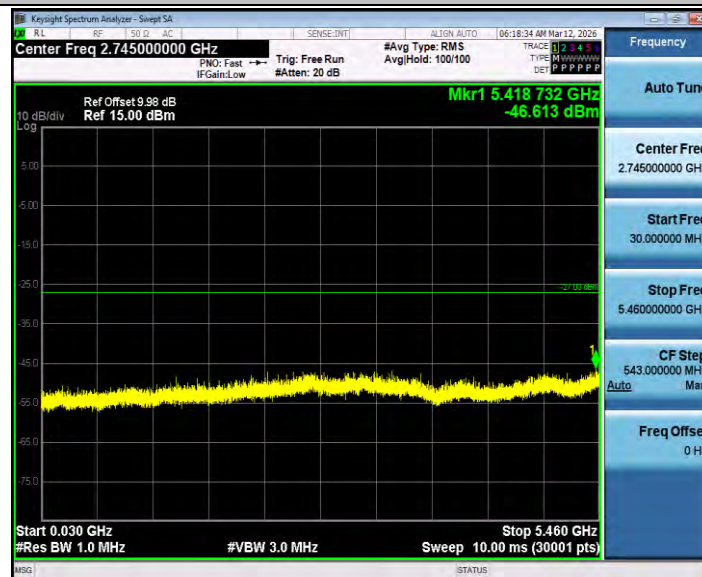
11N20SISO_Ant1_5500_30~5460



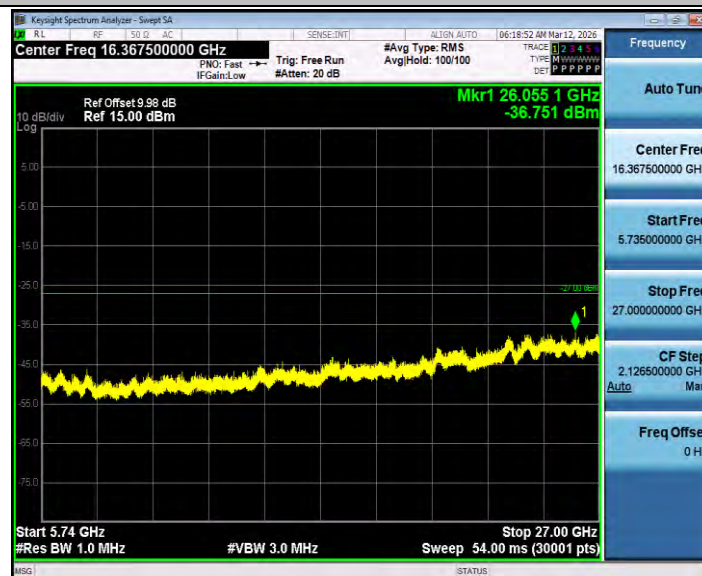
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11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



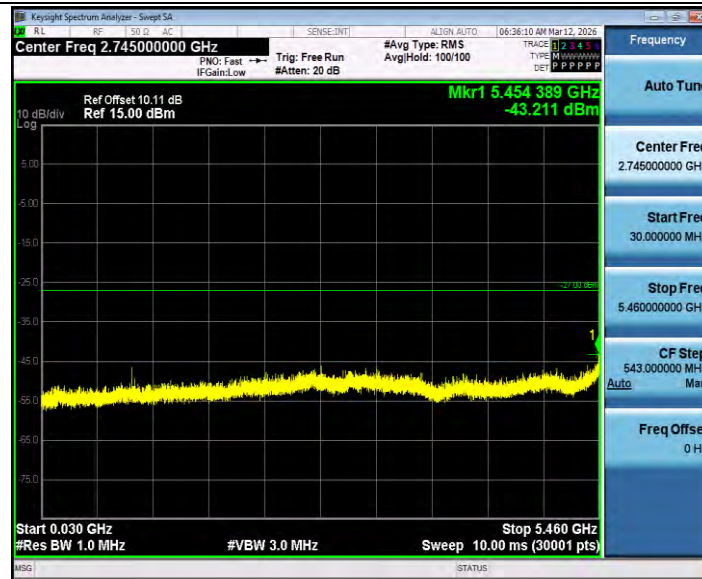
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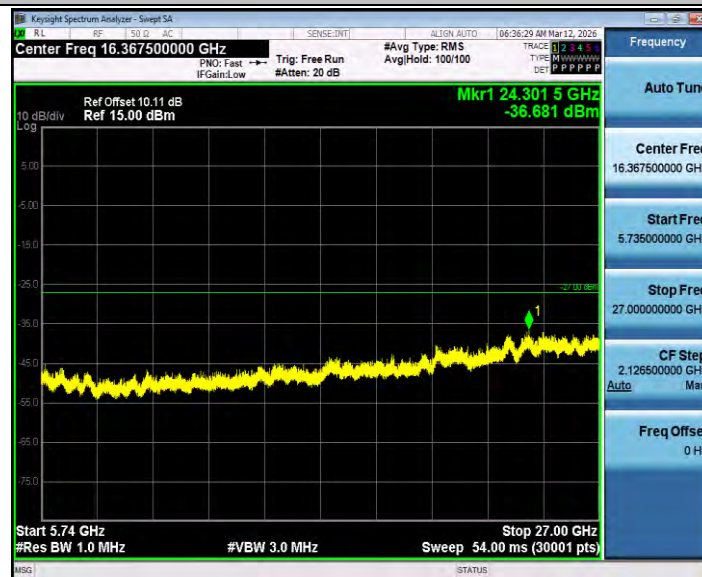
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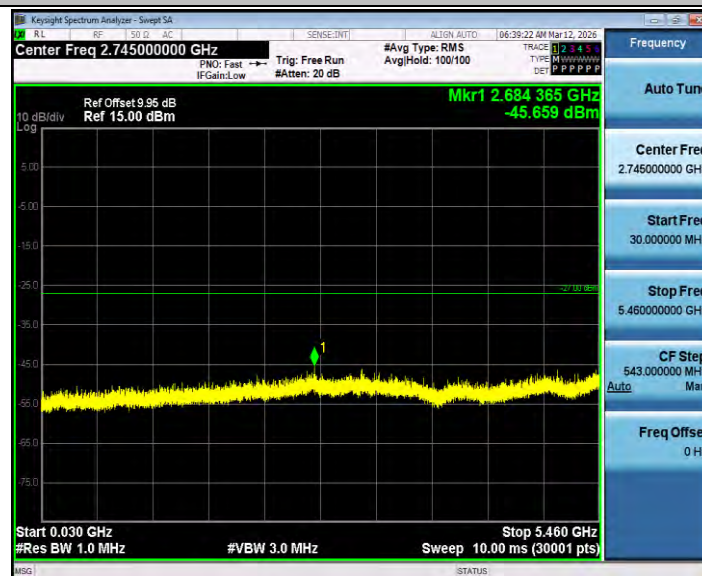
11N40SISO_Ant1_5510_30~5460



11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~27000



11N40SISO_Ant1_5670_30~5460



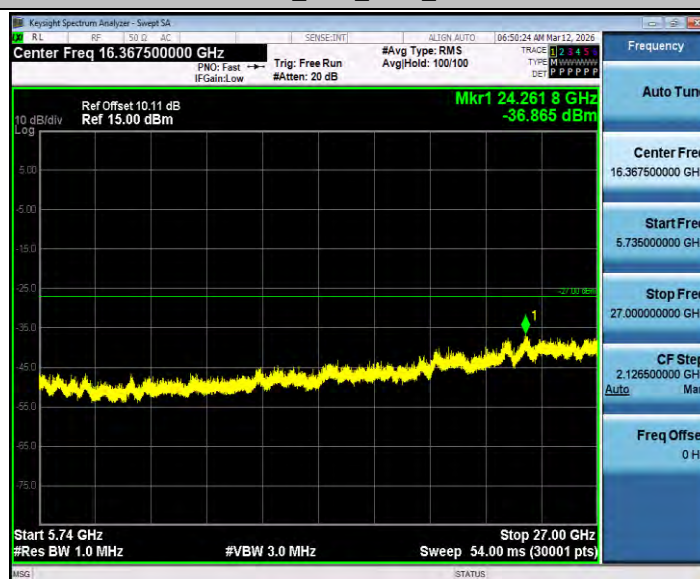
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11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~27000



11AC20SISO_Ant1_5580_30~5460



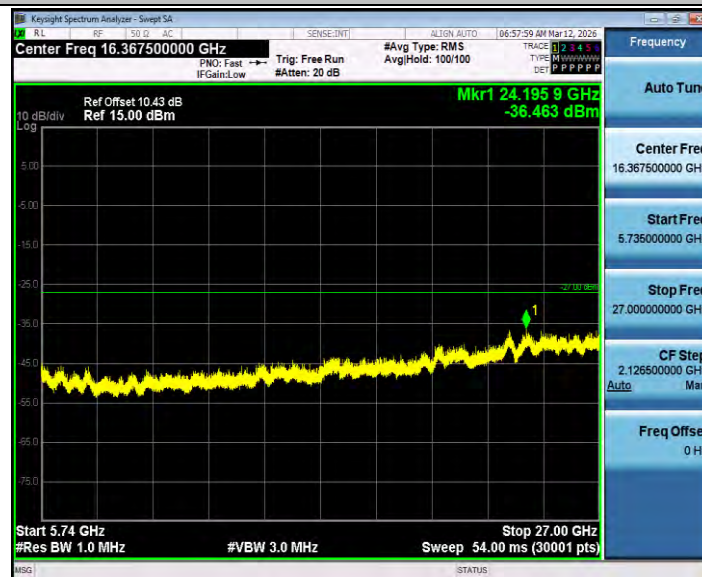
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11AC20SISO_Ant1_5700_30~5460



11AC20SISO_Ant1_5700_5735~27000



11AC40SISO_Ant1_5510_30~5460



11AC40SISO_Ant1_5510_5735~27000



11AC40SISO_Ant1_5590_30~5460



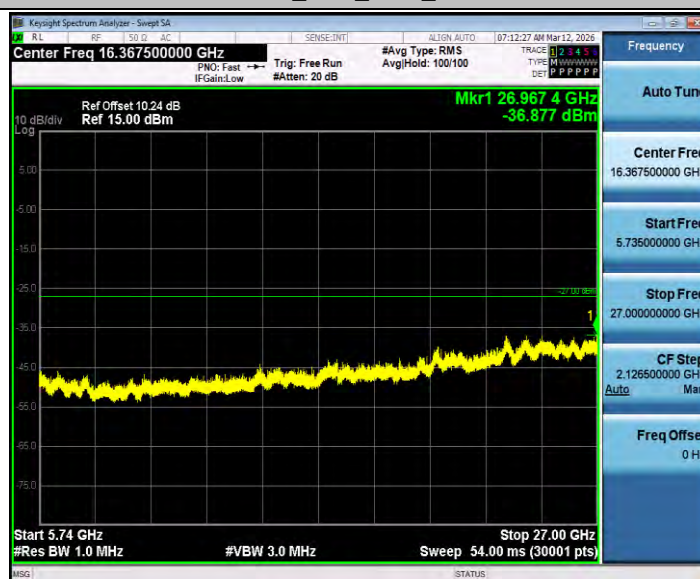
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11AC40SISO_Ant1_5670_30~5460



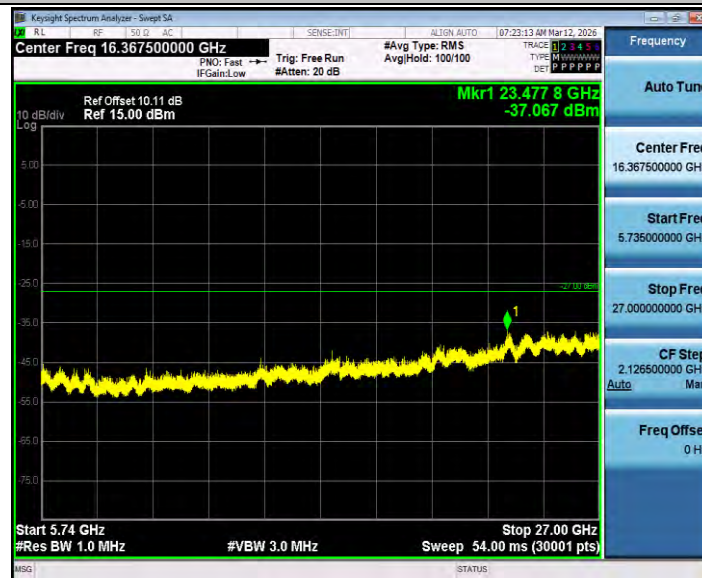
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11AC80SISO_Ant1_5530_30~5460



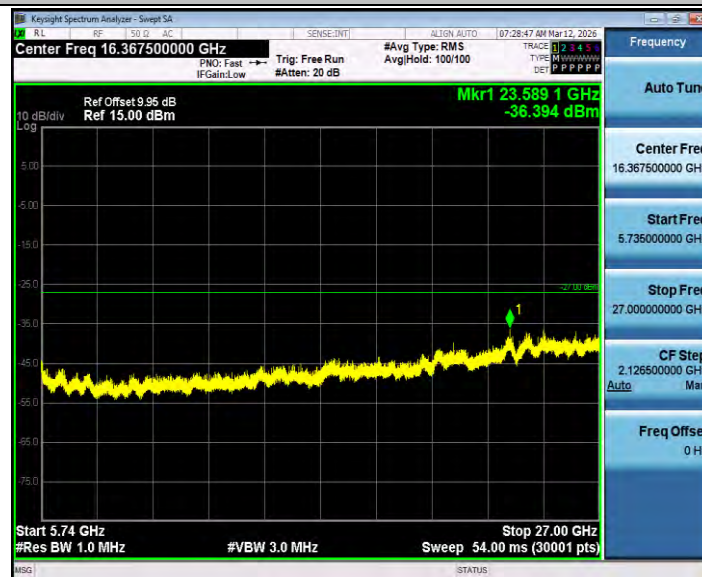
11AC80SISO_Ant1_5530_5735~27000



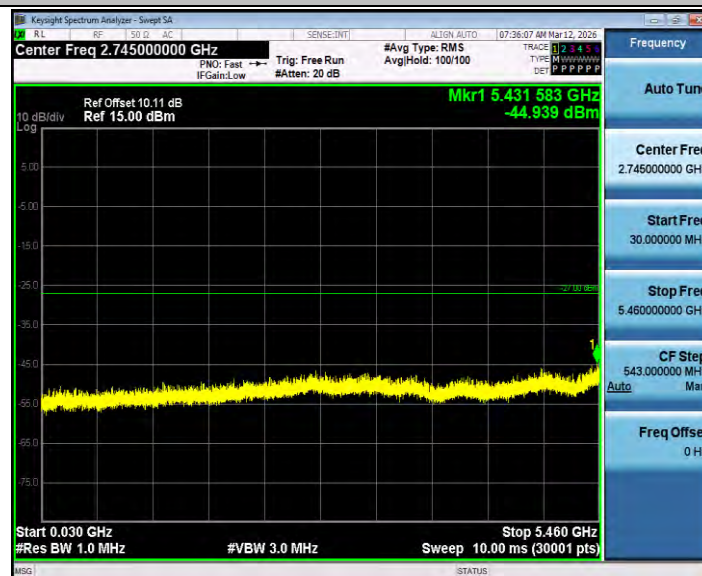
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11AC80SISO_Ant1_5610_5735~27000



11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~27000



11AX20SISO_Ant1_5580_30~5460



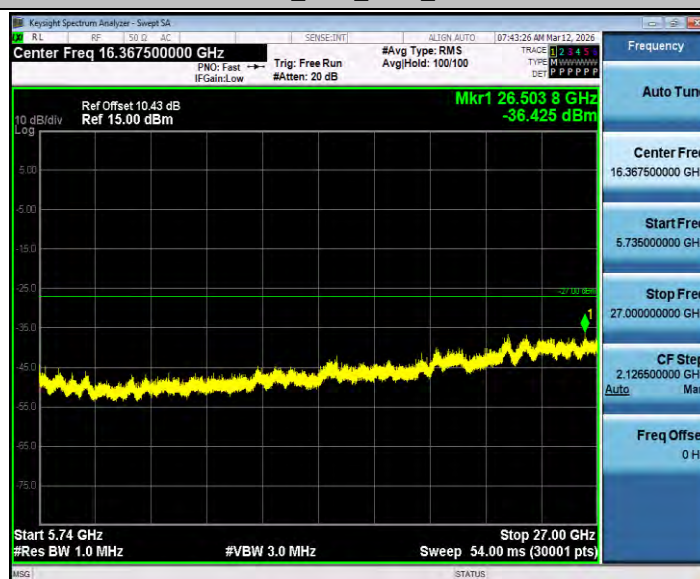
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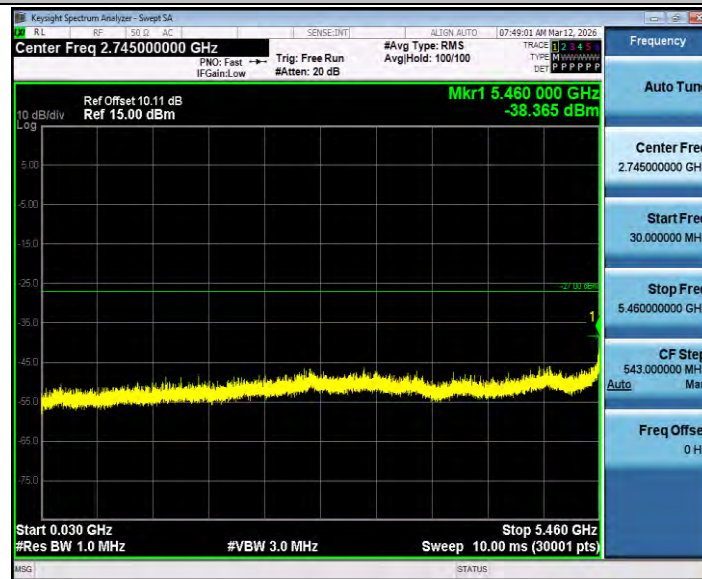
11AX20SISO_Ant1_5700_30~5460



11AX20SISO_Ant1_5700_5735~27000



11AX40SISO_Ant1_5510_30~5460



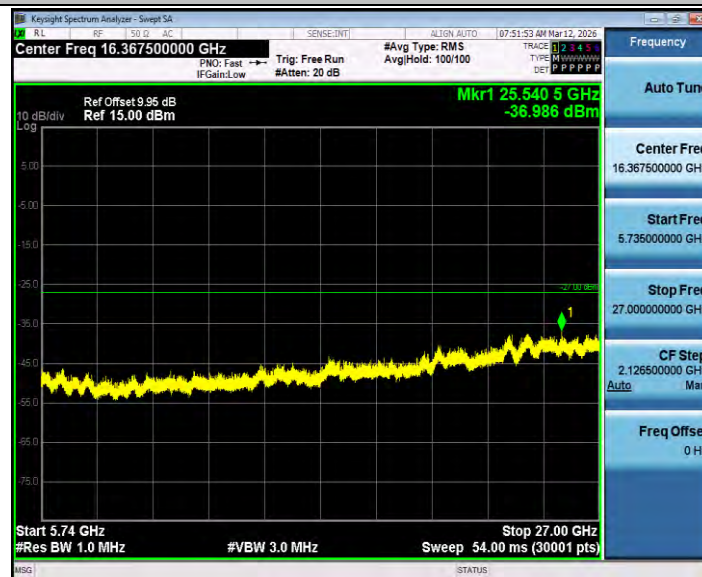
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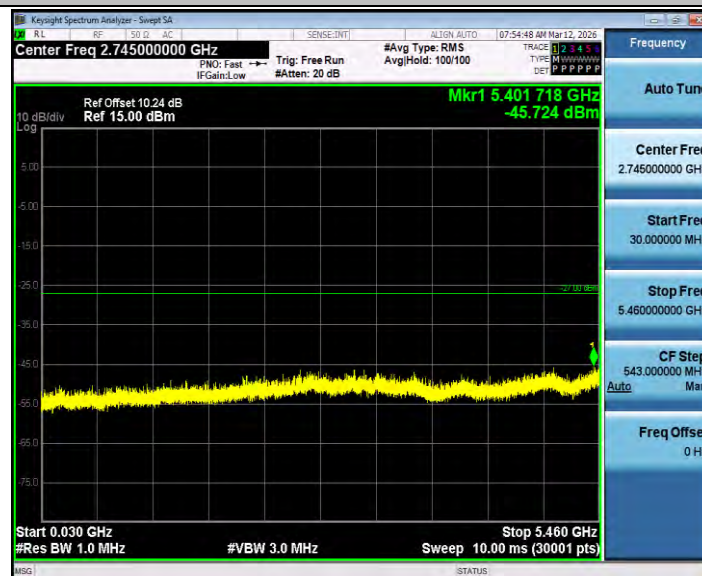
11AX40SISO_Ant1_5590_30~5460



11AX40SISO_Ant1_5590_5735~27000



11AX40SISO_Ant1_5670_30~5460





11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

