

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	Ant2	5500	15.09	100.00	0.00	15.09	≤23.98	PASS
		5580	15.83	100.00	0.00	15.83	≤23.98	PASS
		5700	15.43	100.00	0.00	15.43	≤23.98	PASS
11N20SISO	Ant2	5500	14.09	100.00	0.00	14.09	≤23.98	PASS
		5580	14.94	100.00	0.00	14.94	≤23.98	PASS
		5700	14.39	100.00	0.00	14.39	≤23.98	PASS
11N40SISO	Ant2	5510	12.93	100.00	0.00	12.93	≤23.98	PASS
		5590	13.42	100.00	0.00	13.42	≤23.98	PASS
		5670	13.87	100.00	0.00	13.87	≤23.98	PASS
11AC20SISO	Ant2	5500	14.38	100.00	0.00	14.38	≤23.98	PASS
		5580	15.06	100.00	0.00	15.06	≤23.98	PASS
		5700	14.37	100.00	0.00	14.37	≤23.98	PASS
11AC40SISO	Ant2	5510	13.29	100.00	0.00	13.29	≤23.98	PASS
		5590	13.45	100.00	0.00	13.45	≤23.98	PASS
		5670	14.03	100.00	0.00	14.03	≤23.98	PASS
11AC80SISO	Ant2	5530	12.31	100.00	0.00	12.31	≤23.98	PASS
		5610	11.95	100.00	0.00	11.95	≤23.98	PASS
11AX20SISO	Ant2	5500	14.50	100.00	0.00	14.50	≤23.98	PASS
		5580	14.97	100.00	0.00	14.97	≤23.98	PASS
		5700	14.65	100.00	0.00	14.65	≤23.98	PASS
11AX40SISO	Ant2	5510	13.15	100.00	0.00	13.15	≤23.98	PASS
		5590	13.29	100.00	0.00	13.29	≤23.98	PASS
		5670	13.87	100.00	0.00	13.87	≤23.98	PASS
11AX80SISO	Ant2	5530	12.49	100.00	0.00	12.49	≤23.98	PASS
		5610	12.47	100.00	0.00	12.47	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5500	3.96	≤11.00	PASS
		5580	4.68	≤11.00	PASS
		5700	4.33	≤11.00	PASS
11N20SISO	Ant2	5500	2.66	≤11.00	PASS
		5580	3.57	≤11.00	PASS
		5700	3.14	≤11.00	PASS
11N40SISO	Ant2	5510	-0.61	≤11.00	PASS
		5590	-0.01	≤11.00	PASS
		5670	0.49	≤11.00	PASS
11AC20SISO	Ant2	5500	2.87	≤11.00	PASS
		5580	3.66	≤11.00	PASS
		5700	3.13	≤11.00	PASS
11AC40SISO	Ant2	5510	-0.26	≤11.00	PASS
		5590	0.01	≤11.00	PASS
		5670	0.60	≤11.00	PASS
11AC80SISO	Ant2	5530	-5.21	≤11.00	PASS
		5610	-5.74	≤11.00	PASS
11AX20SISO	Ant2	5500	2.53	≤11.00	PASS
		5580	3.10	≤11.00	PASS
		5700	2.82	≤11.00	PASS
11AX40SISO	Ant2	5510	-0.59	≤11.00	PASS
		5590	-0.31	≤11.00	PASS
		5670	0.25	≤11.00	PASS
11AX80SISO	Ant2	5530	-5.04	≤11.00	PASS
		5610	-5.29	≤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_Ant2_5500



11A_Ant2_5580



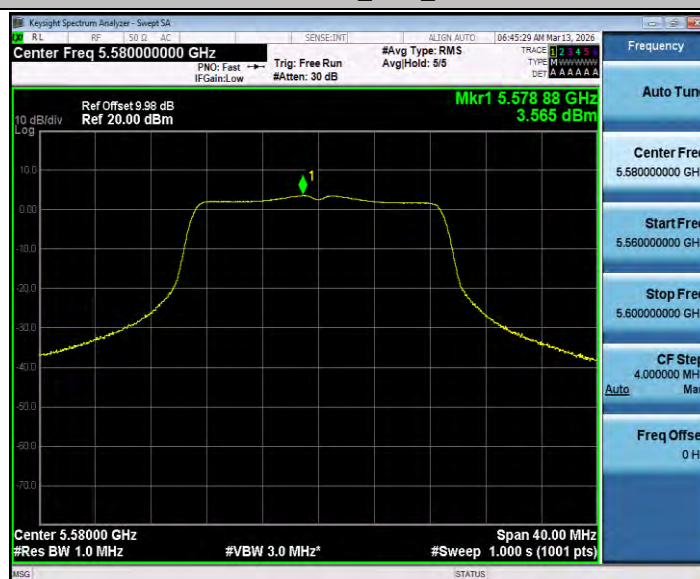
11A_Ant2_5700



11N20SISO_Ant2_5500



11N20SISO_Ant2_5580



11N20SISO_Ant2_5700



11N40SISO_Ant2_5510



11N40SISO_Ant2_5590



11N40SISO_Ant2_5670



11AC20SISO_Ant2_5500



11AC20SISO_Ant2_5580



11AC20SISO_Ant2_5700



11AC40SISO_Ant2_5510



11AC40SISO_Ant2_5590



11AC40SISO_Ant2_5670



11AC80SISO_Ant2_5530



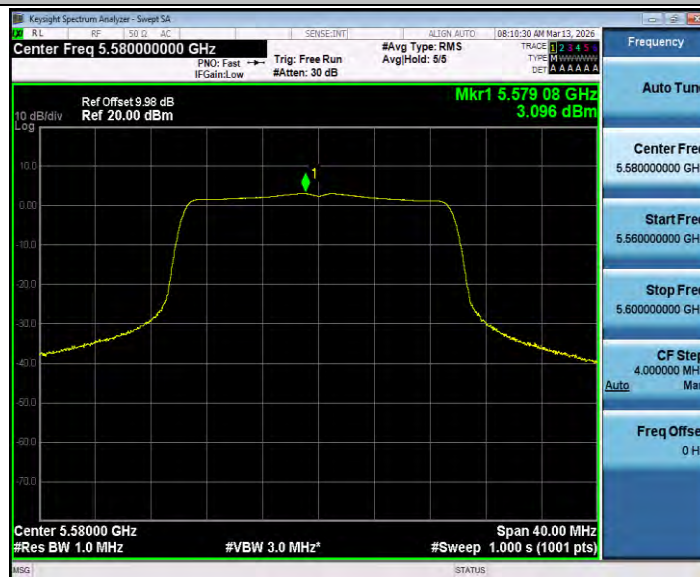
11AC80SISO_Ant2_5610



11AX20SISO_Ant2_5500



11AX20SISO_Ant2_5580



11AX20SISO_Ant2_5700



11AX40SISO_Ant2_5510



11AX40SISO_Ant2_5590



11AX40SISO_Ant2_5670



11AX80ISO_Ant2_5530



11AX80ISO_Ant2_5610

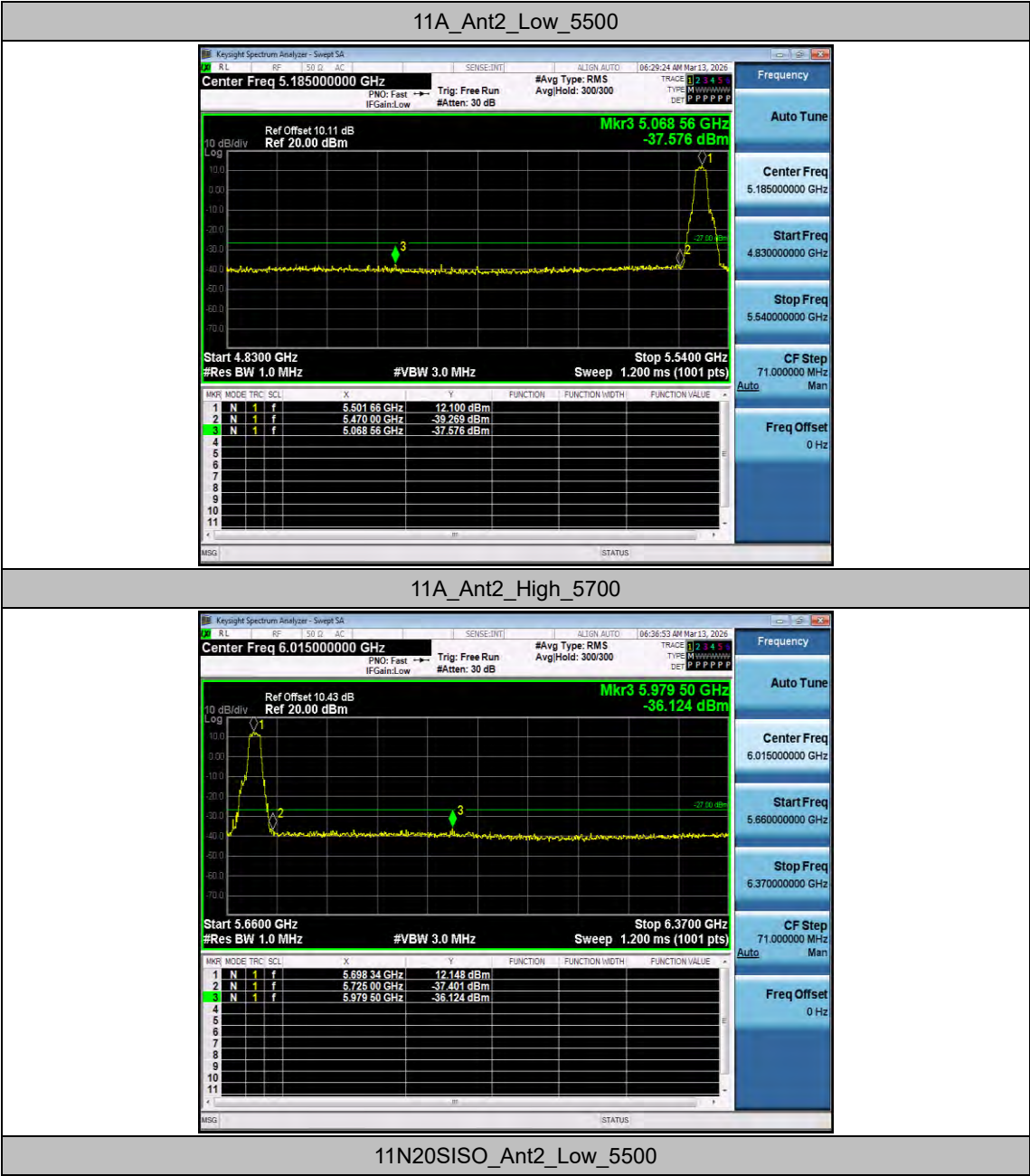


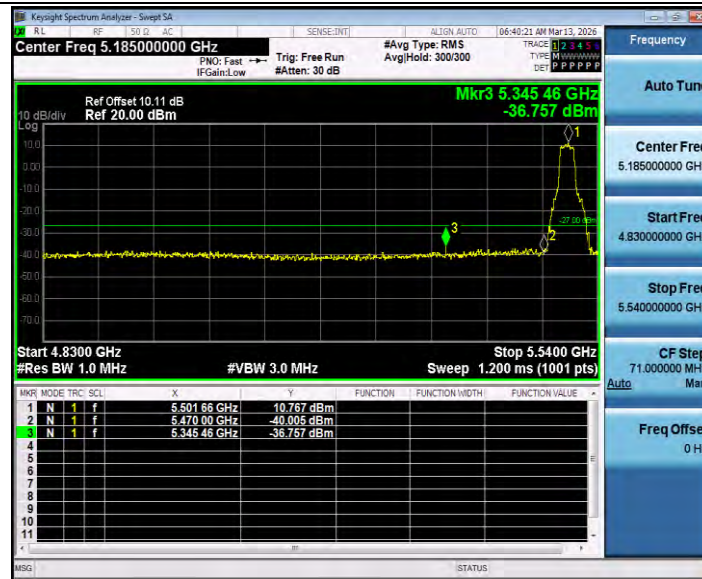
Appendix F.6:Band edge measurements

Test Result B3

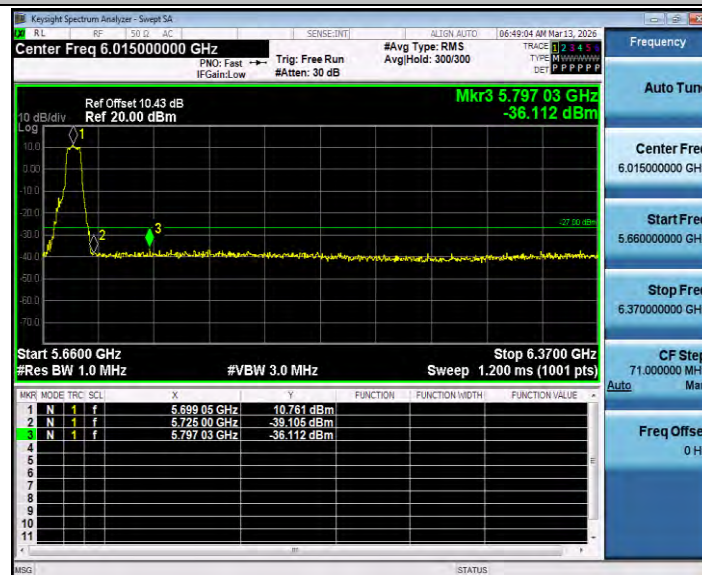
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5500	-37.58	≤ -27	PASS
		High	5700	-36.12	≤ -27	PASS
11N20SISO	Ant2	Low	5500	-36.76	≤ -27	PASS
		High	5700	-36.11	≤ -27	PASS
11N40SISO	Ant2	Low	5510	-35.84	≤ -27	PASS
		High	5670	-37.06	≤ -27	PASS
11AC20SISO	Ant2	Low	5500	-37.2	≤ -27	PASS
		High	5700	-36.59	≤ -27	PASS
11AC40SISO	Ant2	Low	5510	-36.53	≤ -27	PASS
		High	5670	-36.96	≤ -27	PASS
11AC80SISO	Ant2	Low	5530	-34.86	≤ -27	PASS
		High	5610	-36.93	≤ -27	PASS
11AX20SISO	Ant2	Low	5500	-37.63	≤ -27	PASS
		High	5700	-35.78	≤ -27	PASS
11AX40SISO	Ant2	Low	5510	-36.91	≤ -27	PASS
		High	5670	-36.6	≤ -27	PASS
11AX80SISO	Ant2	Low	5530	-34.22	≤ -27	PASS
		High	5610	-36.3	≤ -27	PASS

Test GraphsB3





11N20SISO_Ant2_High_5700



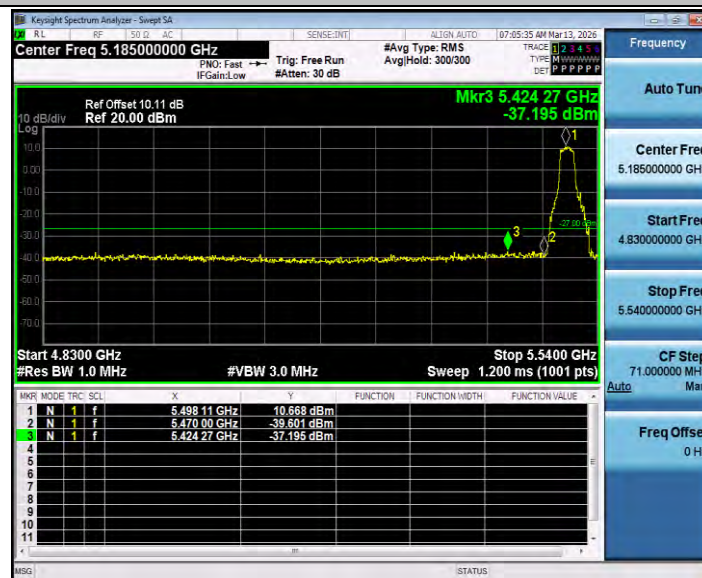
11N40SISO_Ant2_Low_5510



11N40SISO_Ant2_High_5670



11AC20SISO_Ant2_Low_5500



11AC20SISO_Ant2_High_5700



11AC40SISO_Ant2_Low_5510



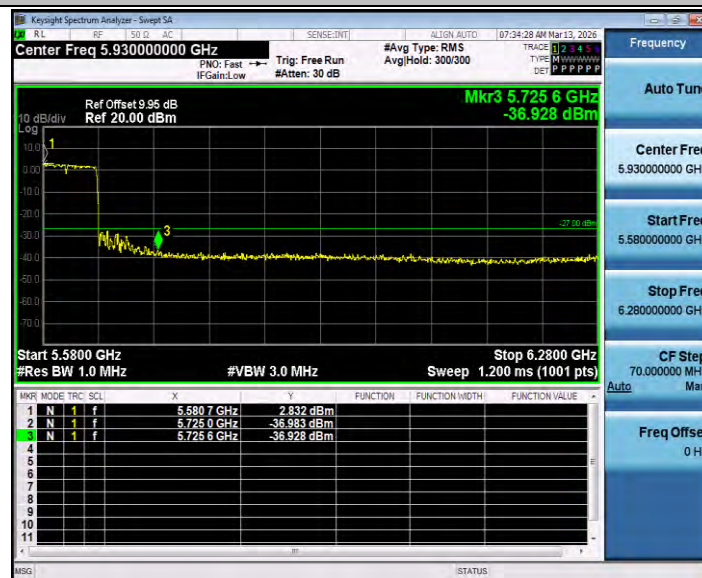
11AC40SISO_Ant2_High_5670



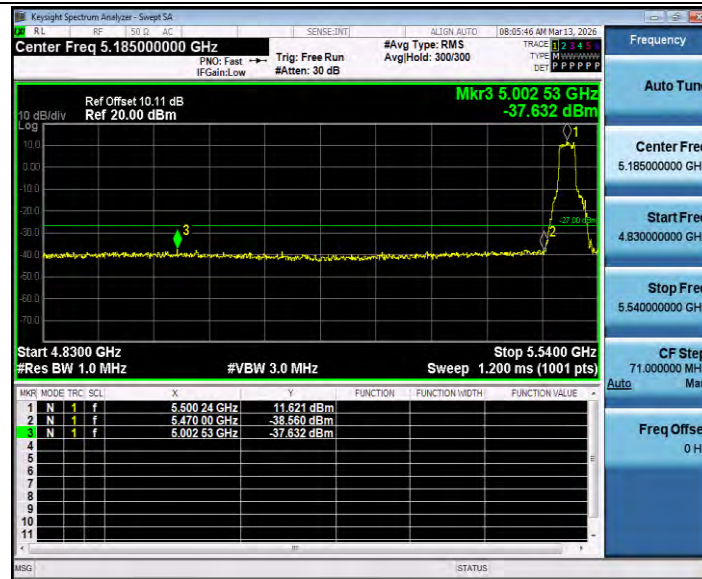
11AC80SISO_Ant2_Low_5530



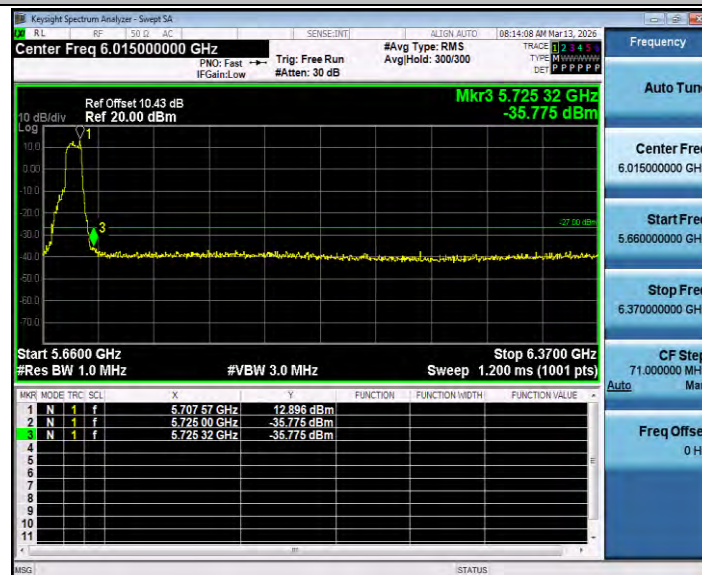
11AC80SISO_Ant2_High_5610



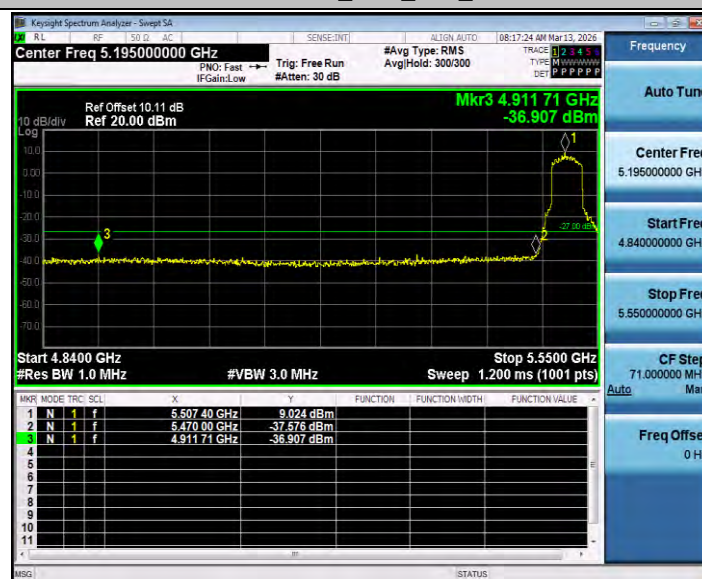
11AX20SISO_Ant2_Low_5500



11AX20SISO_Ant2_High_5700



11AX40SISO_Ant2_Low_5510



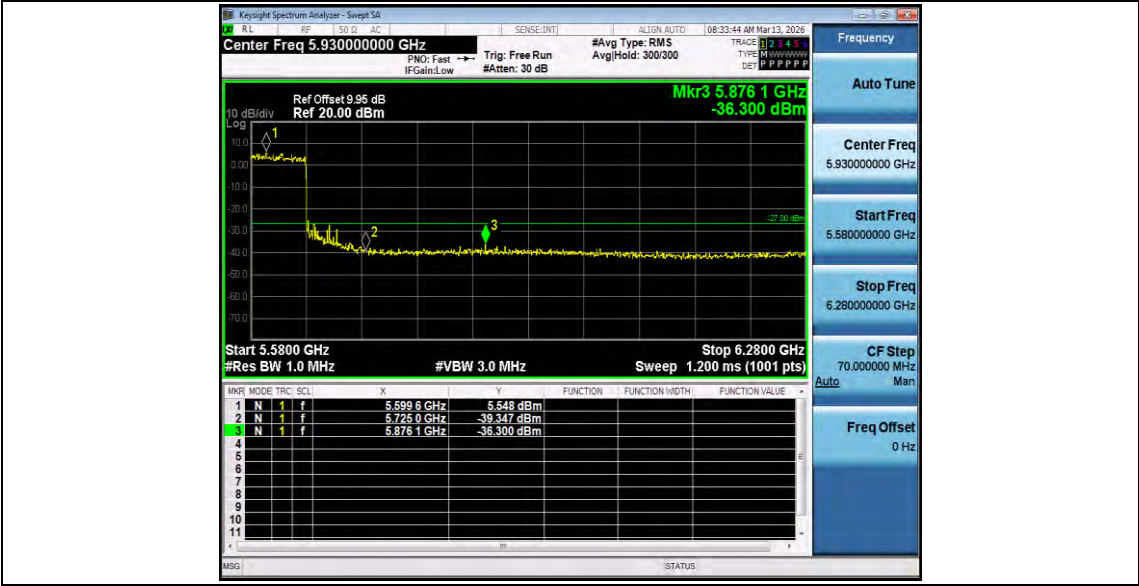
11AX40SISO_Ant2_High_5670



11AX80SISO_Ant2_Low_5530



11AX80SISO_Ant2_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	Ant2	5500	30~5460	5456.2	-44.01	≤-27	PASS
			5735~27000	25553.27	-36.77	≤-27	PASS
		5580	30~5460	5404.07	-46.03	≤-27	PASS
			5735~27000	26493.18	-37.28	≤-27	PASS
		5700	30~5460	5409.5	-45.66	≤-27	PASS
			5735~27000	24250.44	-35.66	≤-27	PASS
11N20SISO	Ant2	5500	30~5460	2595.31	-43.81	≤-27	PASS
			5735~27000	24331.95	-37.3	≤-27	PASS
		5580	30~5460	5446.06	-45.46	≤-27	PASS
			5735~27000	24283.75	-36.46	≤-27	PASS
		5700	30~5460	5426.52	-44.46	≤-27	PASS
			5735~27000	23504.74	-36.81	≤-27	PASS
11N40SISO	Ant2	5510	30~5460	5431.04	-41.51	≤-27	PASS
			5735~27000	25646.84	-36.56	≤-27	PASS
		5590	30~5460	5460	-45.57	≤-27	PASS
			5735~27000	24810.41	-36.82	≤-27	PASS
		5670	30~5460	5433.03	-45.15	≤-27	PASS
			5735~27000	23526.72	-36.37	≤-27	PASS
11AC20SISO	Ant2	5500	30~5460	5404.25	-44.98	≤-27	PASS
			5735~27000	26496.02	-36.6	≤-27	PASS
		5580	30~5460	5457.65	-44.98	≤-27	PASS
			5735~27000	24251.85	-37.13	≤-27	PASS
		5700	30~5460	5453.85	-45.72	≤-27	PASS
			5735~27000	24197.27	-36.17	≤-27	PASS
11AC40SISO	Ant2	5510	30~5460	5447.51	-42.66	≤-27	PASS
			5735~27000	24245.47	-36.75	≤-27	PASS
		5590	30~5460	5421.45	-45.94	≤-27	PASS
			5735~27000	24290.84	-37.34	≤-27	PASS
		5670	30~5460	5428.87	-45.84	≤-27	PASS
			5735~27000	25565.32	-37.06	≤-27	PASS
11AC80SISO	Ant2	5530	30~5460	5451.31	-36.7	≤-27	PASS
			5735~27000	23492.69	-36.88	≤-27	PASS
		5610	30~5460	5448.42	-42.56	≤-27	PASS
			5735~27000	24249.02	-36.9	≤-27	PASS
11AX20SISO	Ant2	5500	30~5460	5445.7	-44.13	≤-27	PASS
			5735~27000	24260.36	-36.93	≤-27	PASS

		5580	30~5460	5347.42	-45.48	≤ -27	PASS
			5735~27000	24211.45	-37.47	≤ -27	PASS
		5700	30~5460	4919.35	-46.02	≤ -27	PASS
			5735~27000	24892.64	-36.43	≤ -27	PASS
11AX40SISO	Ant2	5510	30~5460	5457.65	-42.69	≤ -27	PASS
			5735~27000	23552.94	-36.89	≤ -27	PASS
		5590	30~5460	5422.35	-46.02	≤ -27	PASS
			5735~27000	24180.26	-36.62	≤ -27	PASS
		5670	30~5460	5449.5	-45.34	≤ -27	PASS
			5735~27000	24278.08	-35.68	≤ -27	PASS
11AX80SISO	Ant2	5530	30~5460	5452.94	-36.54	≤ -27	PASS
			5735~27000	26047.33	-36.5	≤ -27	PASS
		5610	30~5460	5458.01	-41.1	≤ -27	PASS
			5735~27000	26632.82	-36.54	≤ -27	PASS

Test Graphs

11A_Ant2_5500_30~5460



11A_Ant2_5500_5735~27000



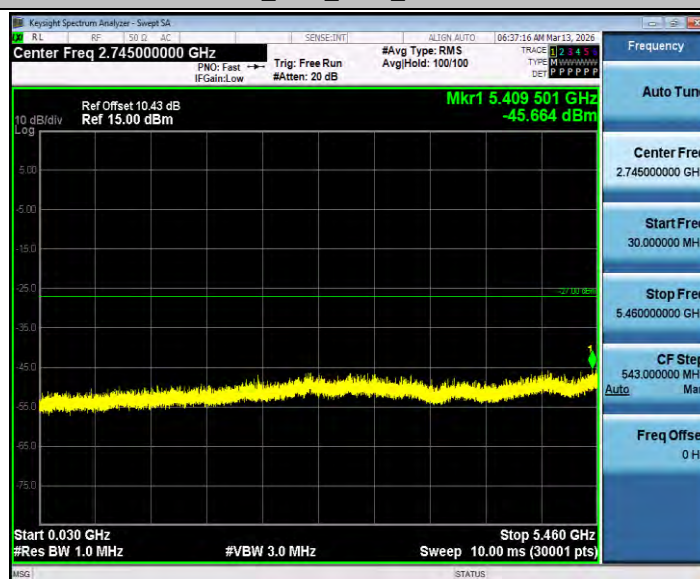
11A_Ant2_5580_30~5460



11A_Ant2_5580_5735~27000



11A_Ant2_5700_30~5460



11A_Ant2_5700_5735~27000



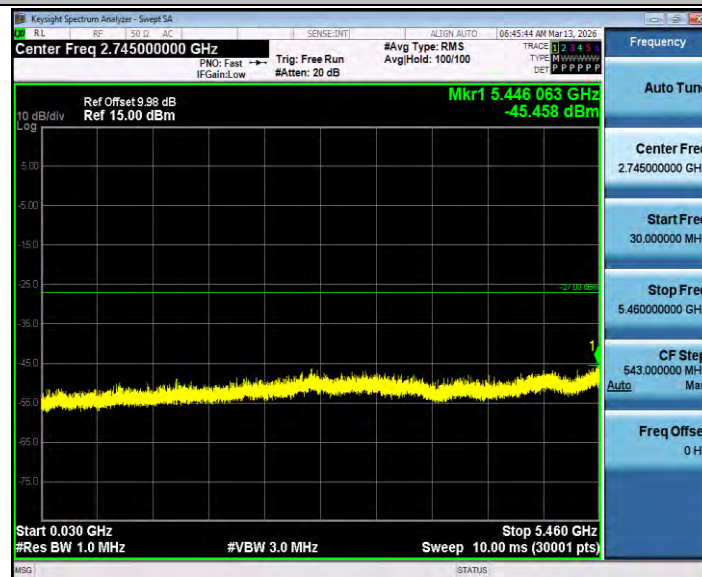
11N20SISO_Ant2_5500_30~5460



11N20SISO_Ant2_5500_5735~27000



11N20SISO_Ant2_5580_30~5460



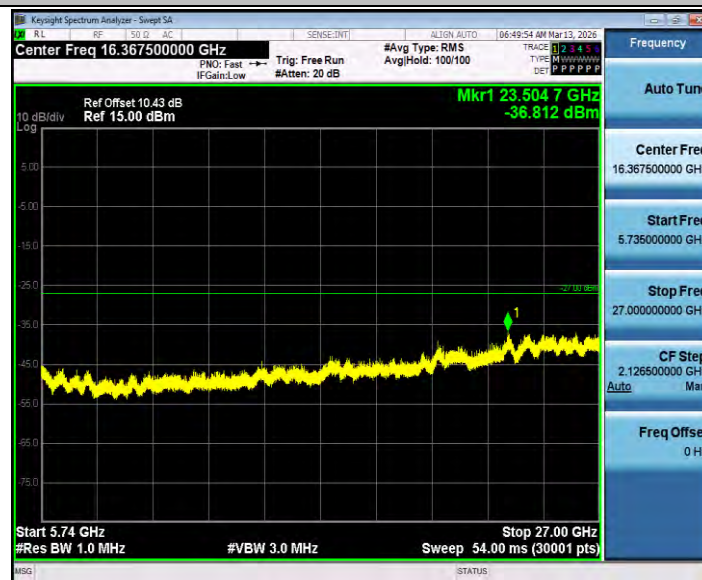
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11N20SISO_Ant2_5700_30~5460



11N20SISO_Ant2_5700_5735~27000



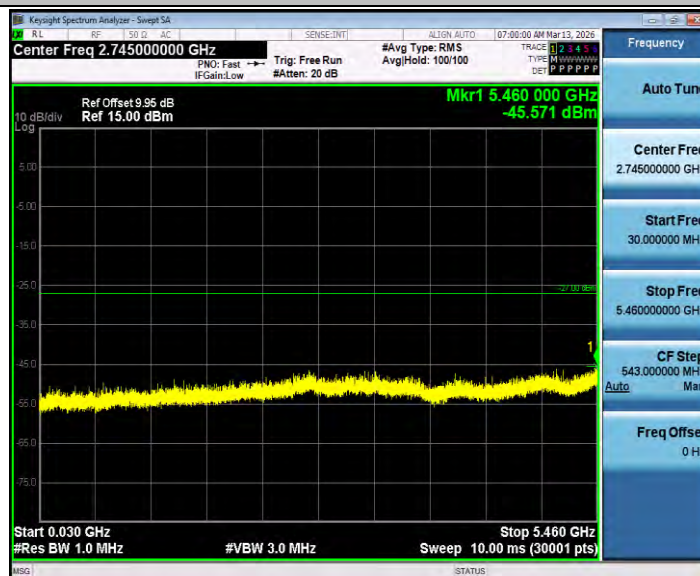
11N40SISO_Ant2_5510_30~5460



11N40SISO_Ant2_5510_5735~27000



11N40SISO_Ant2_5590_30~5460



11N40SISO_Ant2_5590_5735~27000



11N40SISO_Ant2_5670_30~5460



11N40SISO_Ant2_5670_5735~27000



11AC20SISO_Ant2_5500_30~5460



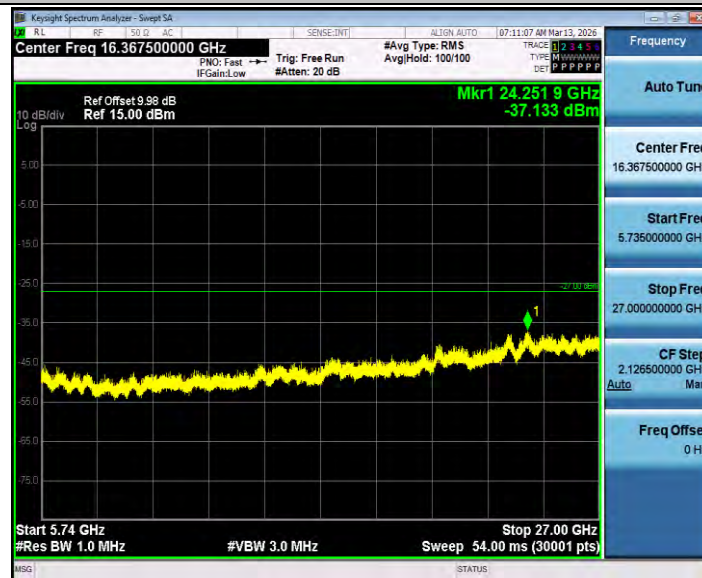
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11AC20SISO_Ant2_5580_30~5460



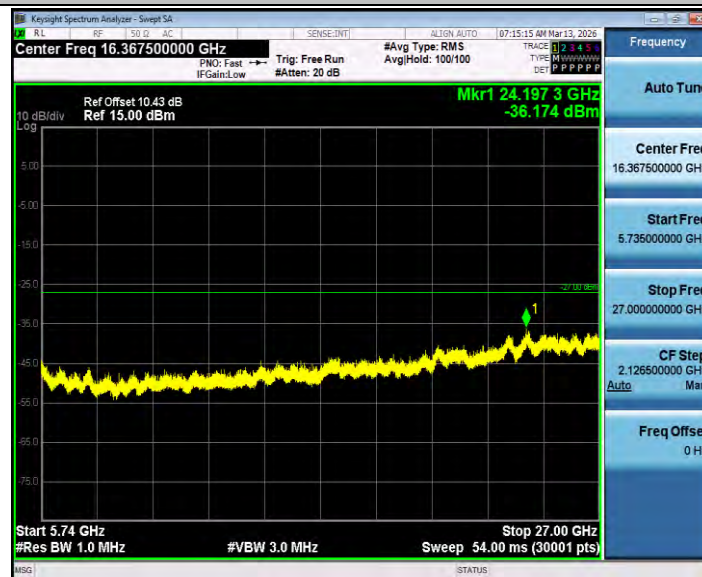
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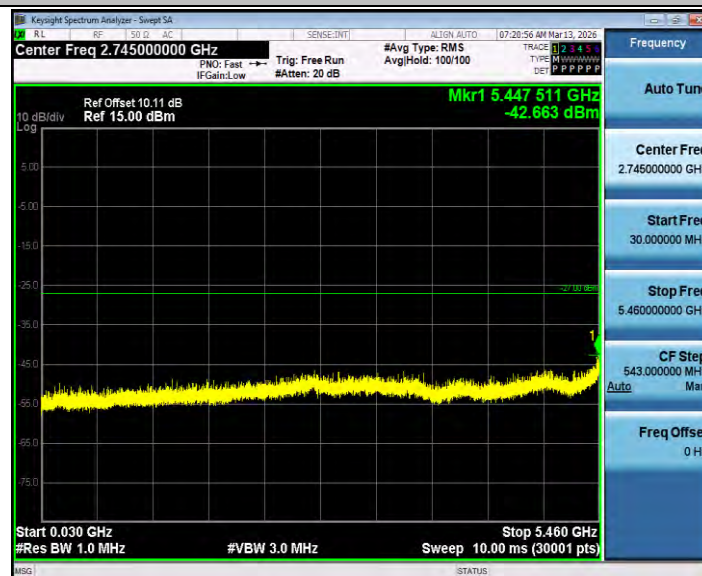
11AC20SISO_Ant2_5700_30~5460



11AC20SISO_Ant2_5700_5735~27000



11AC40SISO_Ant2_5510_30~5460



11AC40SISO_Ant2_5510_5735~27000



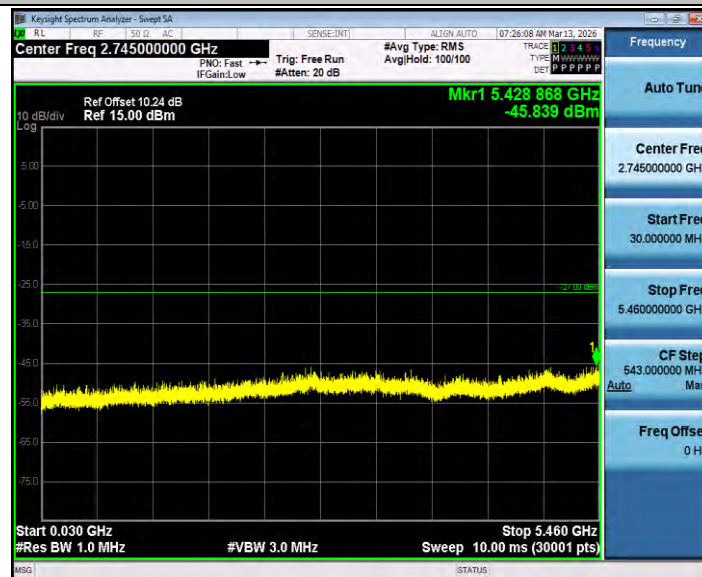
11AC40SISO_Ant2_5590_30~5460



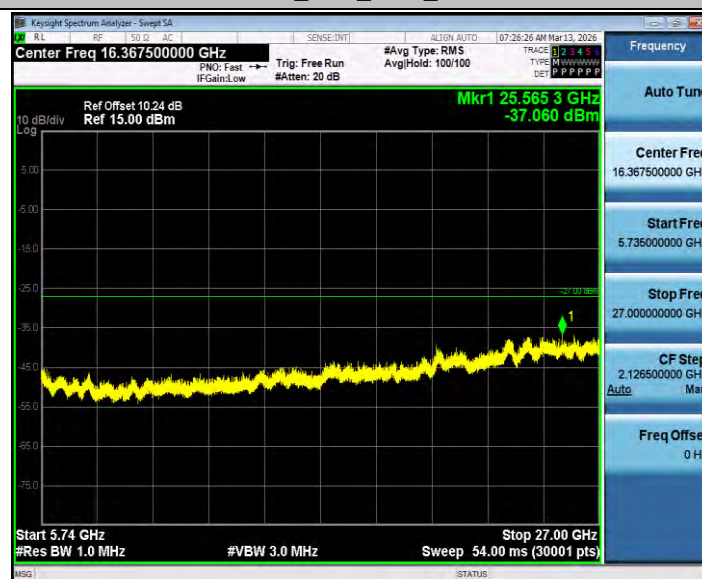
11AC40SISO_Ant2_5590_5735~27000



11AC40SISO_Ant2_5670_30~5460



11AC40SISO_Ant2_5670_5735~27000



11AC80SISO_Ant2_5530_30~5460



11AC80SISO_Ant2_5530_5735~27000



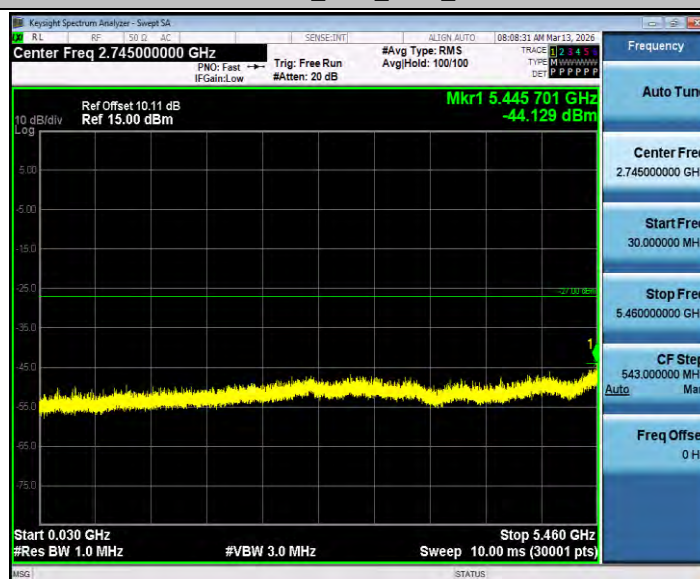
11AC80SISO_Ant2_5610_30~5460



11AC80SISO_Ant2_5610_5735~27000



11AX20SISO_Ant2_5500_30~5460



11AX20SISO_Ant2_5500_5735~27000



11AX20SISO_Ant2_5580_30~5460



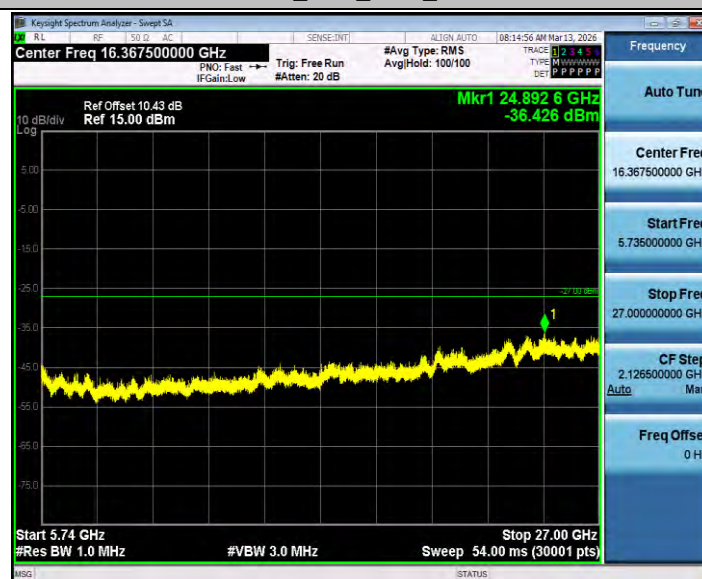
11AX20SISO_Ant2_5580_5735~27000



11AX20SISO_Ant2_5700_30~5460



11AX20SISO_Ant2_5700_5735~27000



11AX40SISO_Ant2_5510_30~5460



11AX40SISO_Ant2_5510_5735~27000



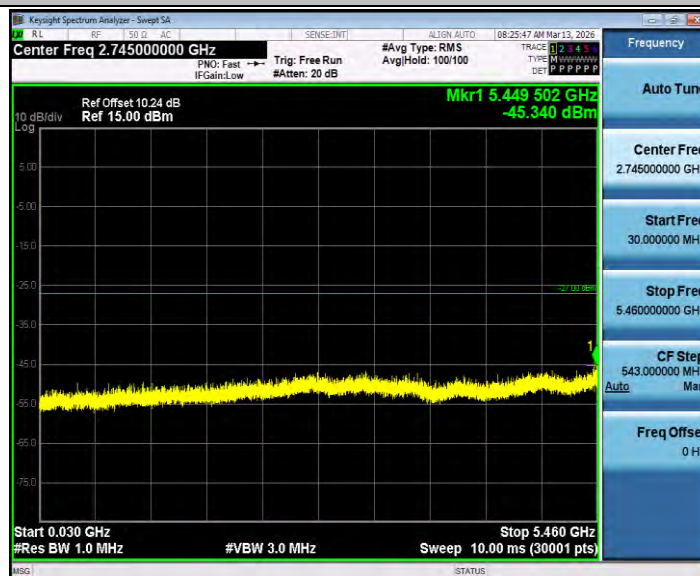
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11AX40SISO_Ant2_5590_5735~27000

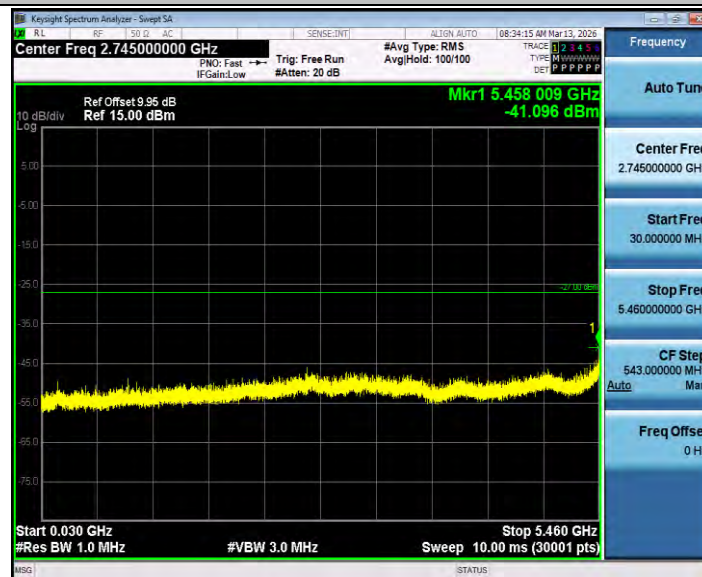


11AX40SISO_Ant2_5670_30~5460





11AX80SISO_Ant2_5610_30~5460



11AX80SISO_Ant2_5610_5735~27000

