

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	12.91	98.21	0.08	12.99	≤23.98	PASS
		5580	13.05	98.21	0.08	13.13	≤23.98	PASS
		5700	12.16	98.20	0.08	12.24	≤23.98	PASS
11N20SISO	Ant1	5500	13.09	98.35	0.07	13.16	≤23.98	PASS
		5580	12.95	98.35	0.07	13.02	≤23.98	PASS
		5700	12.10	98.35	0.07	12.17	≤23.98	PASS
11N40SISO	Ant1	5510	12.62	98.10	0.08	12.70	≤23.98	PASS
		5590	12.09	98.09	0.08	12.17	≤23.98	PASS
		5670	12.22	98.28	0.08	12.30	≤23.98	PASS
11AC20SISO	Ant1	5500	12.87	98.35	0.07	12.94	≤23.98	PASS
		5580	12.69	98.35	0.07	12.76	≤23.98	PASS
		5700	12.10	98.35	0.07	12.17	≤23.98	PASS
11AC40SISO	Ant1	5510	12.67	98.10	0.08	12.75	≤23.98	PASS
		5590	12.14	98.29	0.07	12.21	≤23.98	PASS
		5670	12.14	98.10	0.08	12.22	≤23.98	PASS
11AC80SISO	Ant1	5530	10.60	98.14	0.08	10.68	≤23.98	PASS
		5610	11.35	98.14	0.08	11.43	≤23.98	PASS
11AX20SISO	Ant1	5500	12.85	98.10	0.08	12.93	≤23.98	PASS
		5580	12.70	98.10	0.08	12.78	≤23.98	PASS
		5700	12.03	98.10	0.08	12.11	≤23.98	PASS
11AX40SISO	Ant1	5510	12.75	98.09	0.08	12.83	≤23.98	PASS
		5590	12.08	98.09	0.08	12.16	≤23.98	PASS
		5670	12.16	98.09	0.08	12.24	≤23.98	PASS
11AX80SISO	Ant1	5530	10.73	98.00	0.09	10.82	≤23.98	PASS
		5610	11.17	98.00	0.09	11.26	≤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	1.47	≤11.00	PASS
		5580	1.59	≤11.00	PASS
		5700	1.03	≤11.00	PASS
11N20SISO	Ant1	5500	1.33	≤11.00	PASS
		5580	1.24	≤11.00	PASS
		5700	0.69	≤11.00	PASS
11N40SISO	Ant1	5510	-1.39	≤11.00	PASS
		5590	-2.01	≤11.00	PASS
		5670	-1.98	≤11.00	PASS
11AC20SISO	Ant1	5500	1.17	≤11.00	PASS
		5580	1.00	≤11.00	PASS
		5700	0.64	≤11.00	PASS
11AC40SISO	Ant1	5510	-1.38	≤11.00	PASS
		5590	-2.00	≤11.00	PASS
		5670	-2.01	≤11.00	PASS
11AC80SISO	Ant1	5530	-5.15	≤11.00	PASS
		5610	-4.39	≤11.00	PASS
11AX20SISO	Ant1	5500	1.17	≤11.00	PASS
		5580	1.03	≤11.00	PASS
		5700	0.57	≤11.00	PASS
11AX40SISO	Ant1	5510	-1.63	≤11.00	PASS
		5590	-2.34	≤11.00	PASS
		5670	-2.32	≤11.00	PASS
11AX80SISO	Ant1	5530	-5.81	≤11.00	PASS
		5610	-5.30	≤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

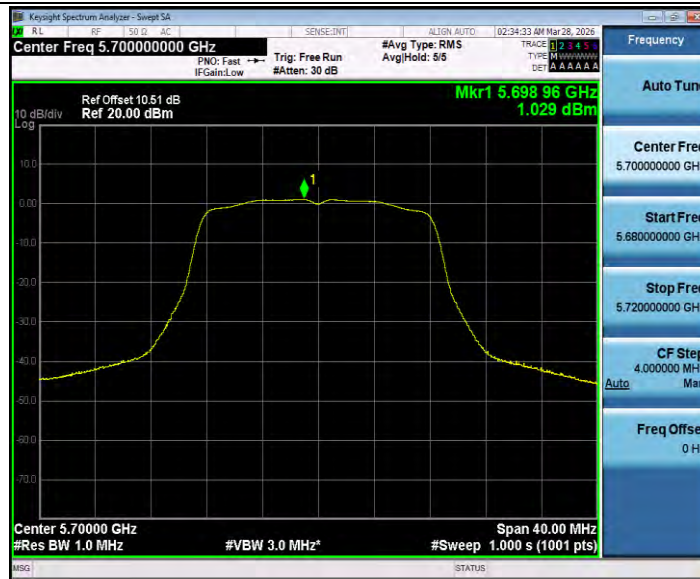
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



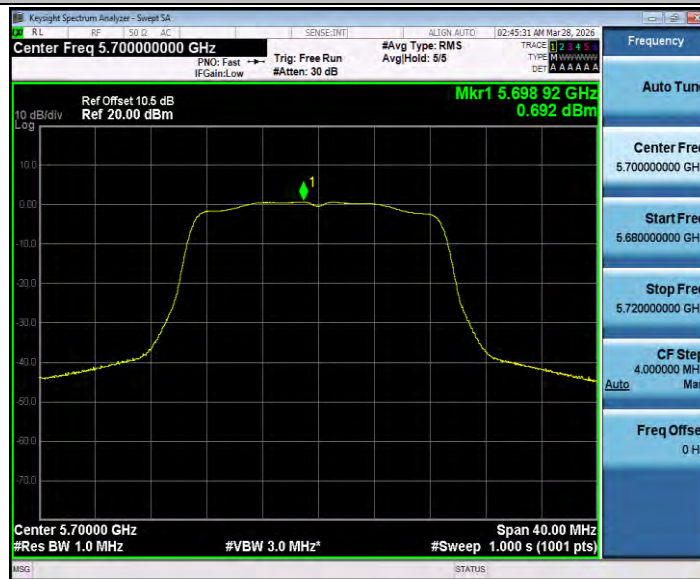
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11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



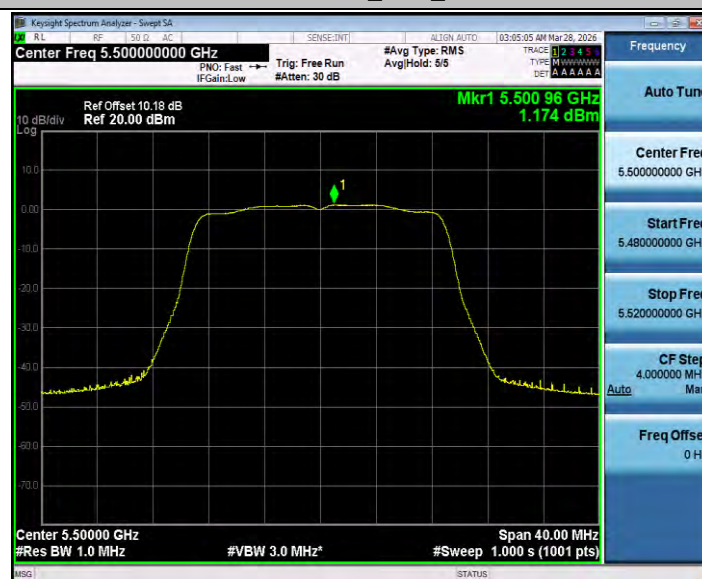
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



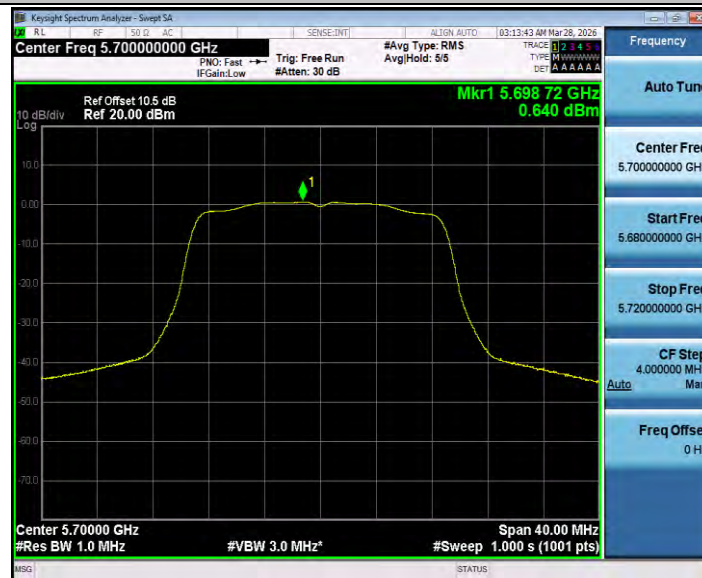
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11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



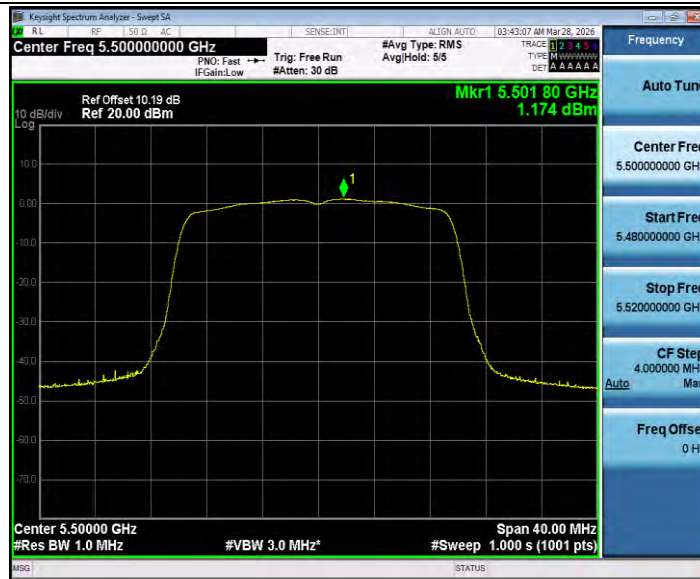
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11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

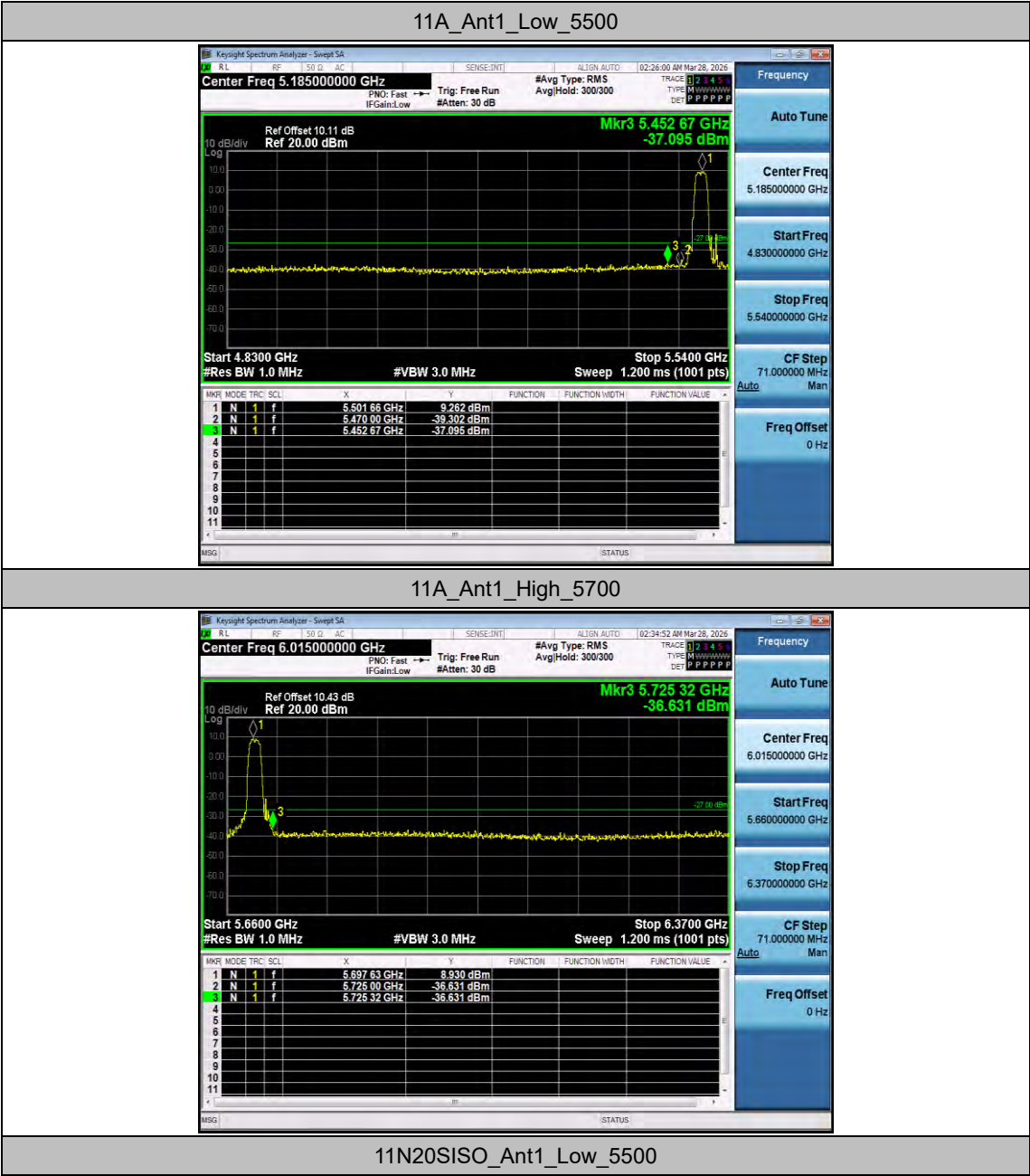


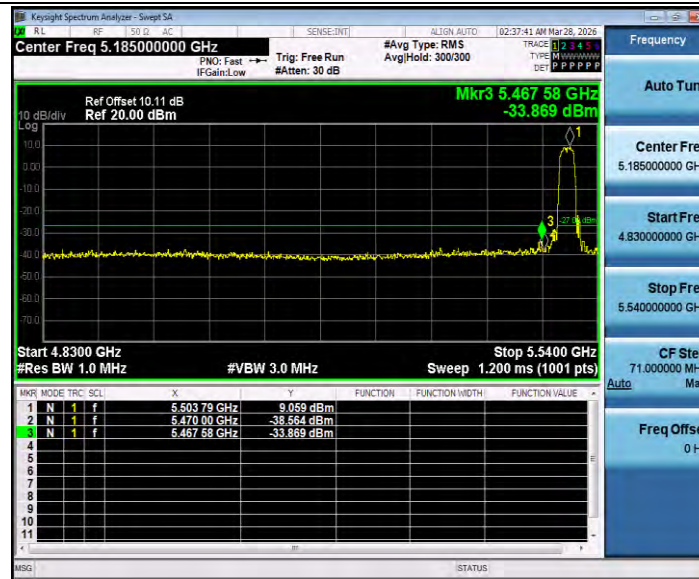
Appendix F.6:Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.1	≤-27	PASS
		High	5700	-36.63	≤-27	PASS
11N20SISO	Ant1	Low	5500	-33.87	≤-27	PASS
		High	5700	-36.6	≤-27	PASS
11N40SISO	Ant1	Low	5510	-35.58	≤-27	PASS
		High	5670	-37.14	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-36.55	≤-27	PASS
		High	5700	-33.85	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-28.09	≤-27	PASS
		High	5670	-34.48	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-33.12	≤-27	PASS
		High	5610	-37.74	≤-27	PASS
11AX20SISO	Ant1	Low	5500	-37.16	≤-27	PASS
		High	5700	-33.34	≤-27	PASS
11AX40SISO	Ant1	Low	5510	-28.7	≤-27	PASS
		High	5670	-35.93	≤-27	PASS
11AX80SISO	Ant1	Low	5530	-32.45	≤-27	PASS
		High	5610	-37.26	≤-27	PASS

Test GraphsB3

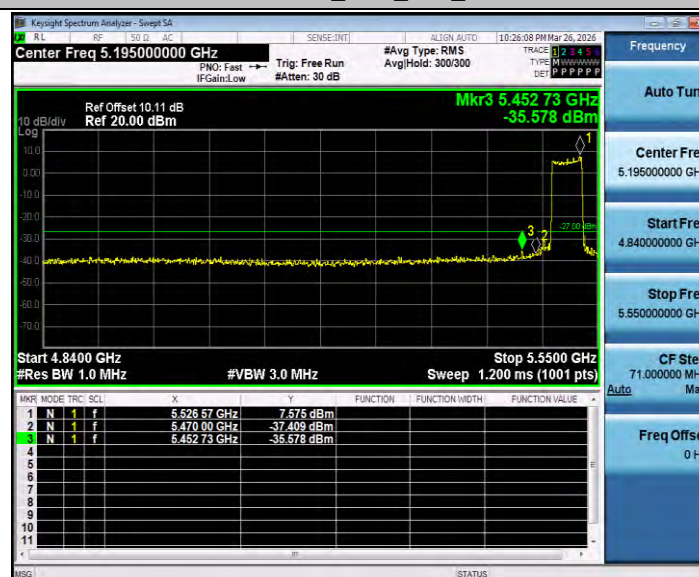




11N20SISO_Ant1_High_5700



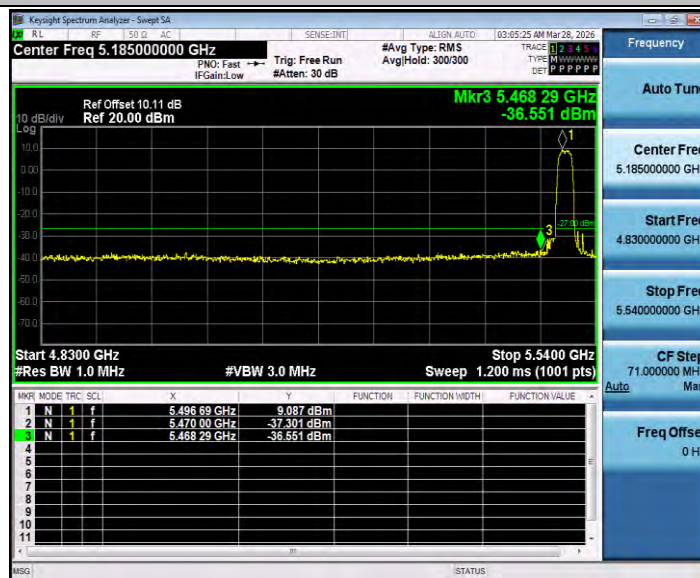
11N40SISO_Ant1_Low_5510



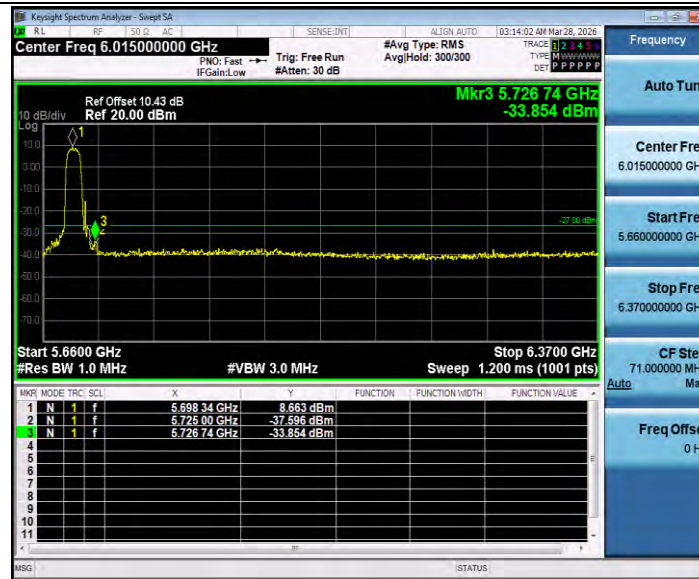
11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



11AC40SISO_Ant1_Low_5510



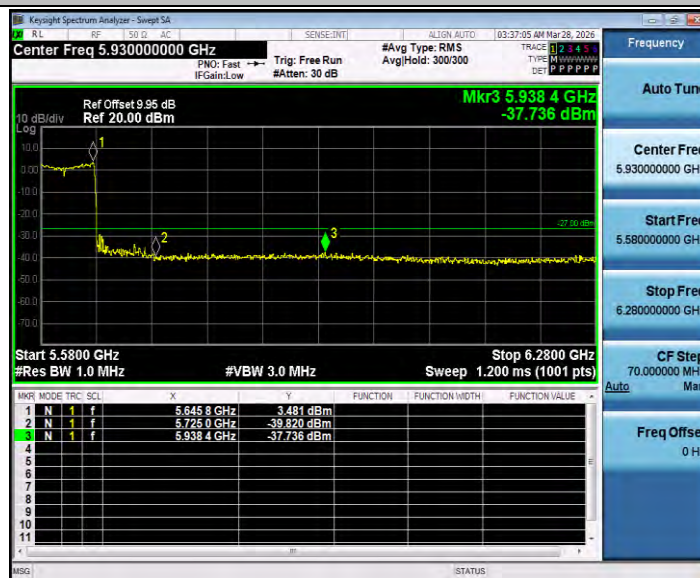
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11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



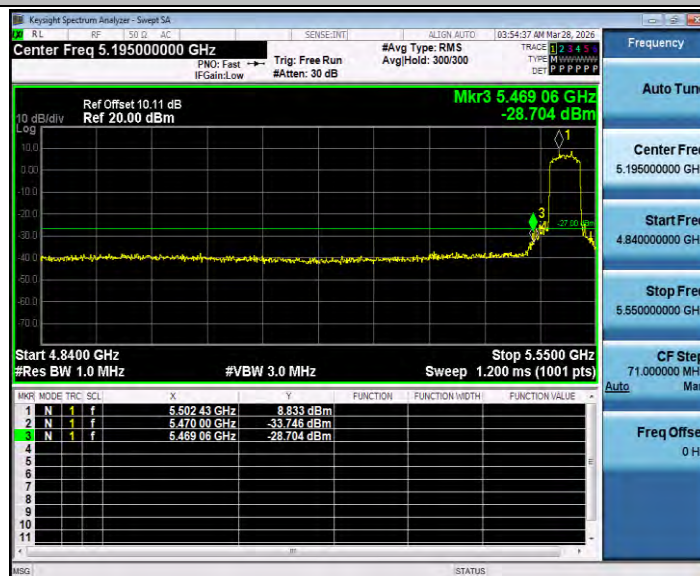
11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



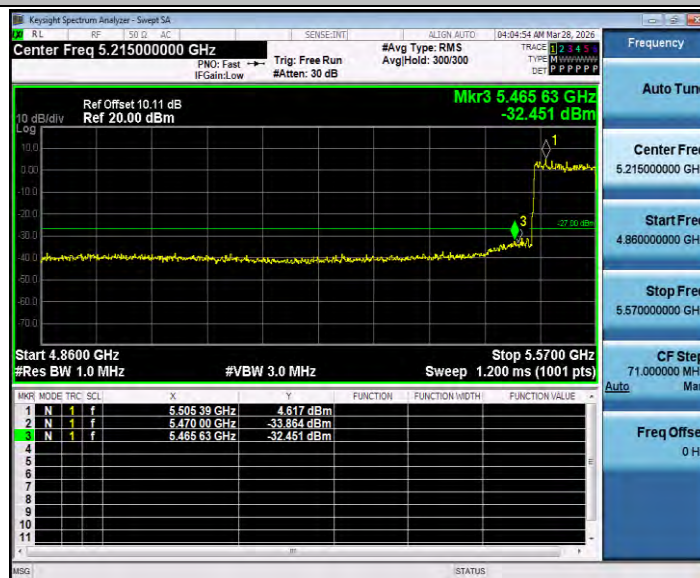
11AX40SISO_Ant1_Low_5510



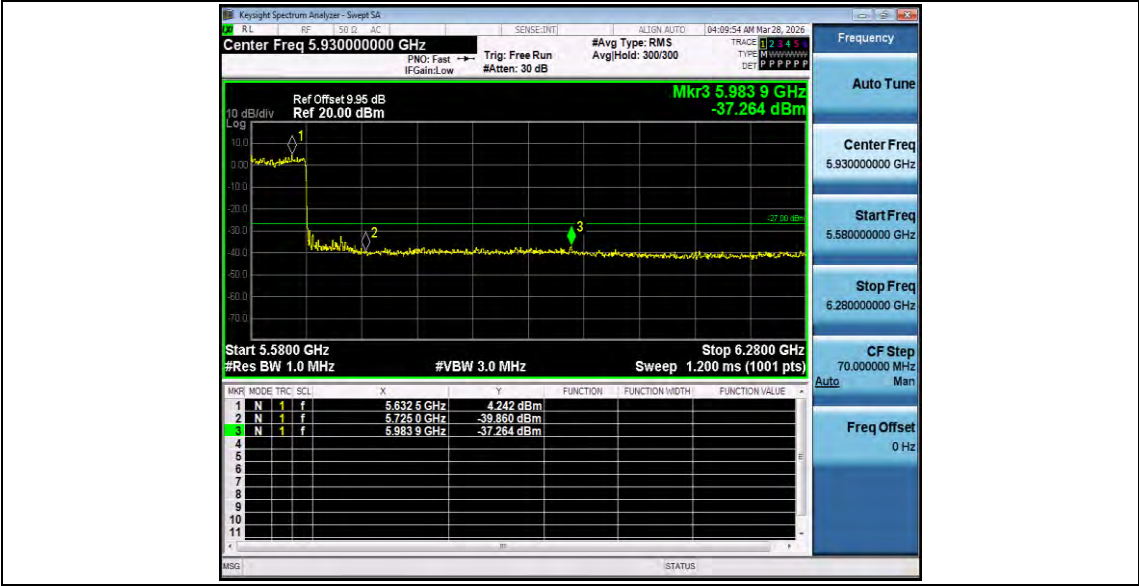
11AX40SISO_Ant1_High_5670



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	5451.86	-43.2	≤-27	PASS
			5735~27000	24302.18	-35.52	≤-27	PASS
		5580	30~5460	5426.33	-44.57	≤-27	PASS
			5735~27000	26792.31	-37.38	≤-27	PASS
		5700	30~5460	5435.93	-45.96	≤-27	PASS
			5735~27000	26766.09	-36.6	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5459.64	-42.89	≤-27	PASS
			5735~27000	24173.17	-36.4	≤-27	PASS
		5580	30~5460	5108.14	-44.67	≤-27	PASS
			5735~27000	26662.6	-36.89	≤-27	PASS
		5700	30~5460	3292.16	-45.17	≤-27	PASS
			5735~27000	26555.56	-36.64	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5435.02	-39.17	≤-27	PASS
			5735~27000	24219.25	-37.4	≤-27	PASS
		5590	30~5460	5436.47	-45.67	≤-27	PASS
			5735~27000	24300.05	-37.05	≤-27	PASS
		5670	30~5460	4989.04	-45.93	≤-27	PASS
			5735~27000	5744.21	-34.03	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5423.44	-43.68	≤-27	PASS
			5735~27000	26895.09	-36.38	≤-27	PASS
		5580	30~5460	3018.49	-45.02	≤-27	PASS
			5735~27000	26046.62	-37.32	≤-27	PASS
		5700	30~5460	5029.04	-45.19	≤-27	PASS
			5735~27000	24214.99	-36.62	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5450.41	-39.7	≤-27	PASS
			5735~27000	24277.37	-36.88	≤-27	PASS
		5590	30~5460	5440.09	-45.09	≤-27	PASS
			5735~27000	24205.07	-37.06	≤-27	PASS
		5670	30~5460	2653.6	-46.05	≤-27	PASS
			5735~27000	24941.55	-36.32	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5451.31	-34.29	≤-27	PASS
			5735~27000	24363.85	-37.16	≤-27	PASS
		5610	30~5460	5425.97	-45.61	≤-27	PASS
			5735~27000	25511.45	-36.64	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5458.01	-42.97	≤-27	PASS
			5735~27000	24285.17	-37.05	≤-27	PASS

		5580	30~5460	5109.22	-44.97	≤ -27	PASS
			5735~27000	23613.19	-34.96	≤ -27	PASS
		5700	30~5460	3312.62	-45.89	≤ -27	PASS
			5735~27000	24261.78	-36.8	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5458.91	-40.5	≤ -27	PASS
			5735~27000	26896.51	-36.77	≤ -27	PASS
		5590	30~5460	5439.19	-44.6	≤ -27	PASS
			5735~27000	24297.22	-36.96	≤ -27	PASS
		5670	30~5460	5384.34	-45.46	≤ -27	PASS
			5735~27000	24304.31	-36.77	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5454.03	-35.74	≤ -27	PASS
			5735~27000	26869.57	-36.66	≤ -27	PASS
		5610	30~5460	5440.63	-44.84	≤ -27	PASS
			5735~27000	24273.83	-37.17	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~27000



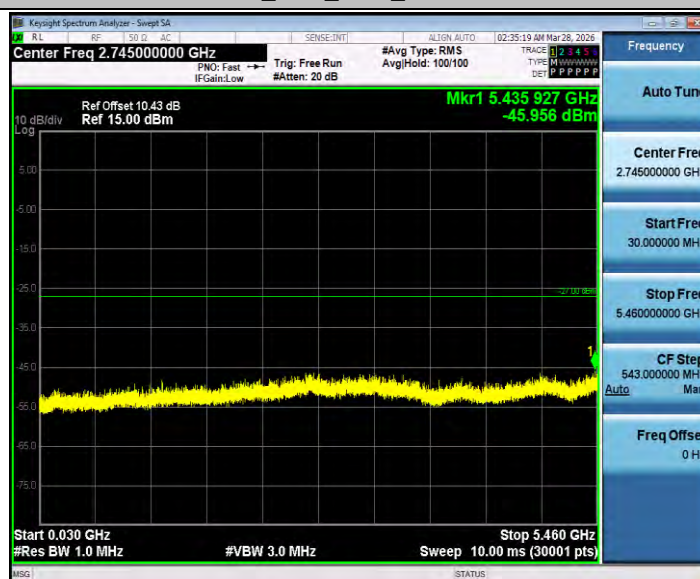
11A_Ant1_5580_30~5460



11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~27000



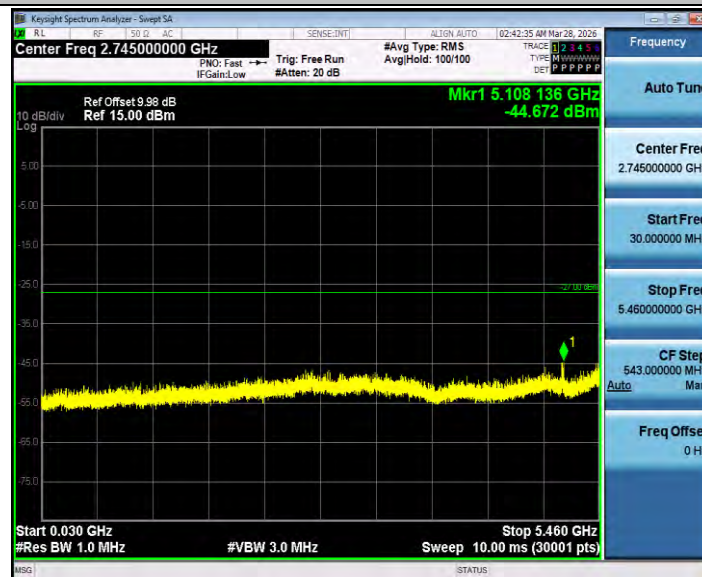
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11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



11N20SISO_Ant1_5700_30~5460



11N20SISO_Ant1_5700_5735~27000



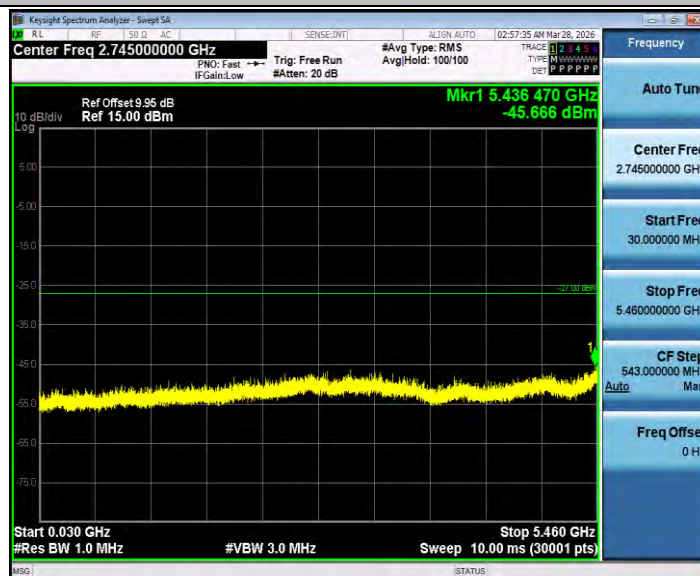
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11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~27000



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



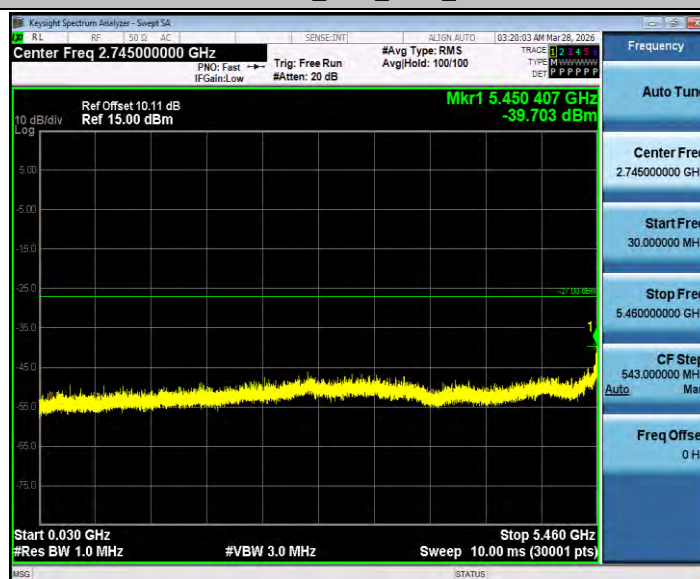
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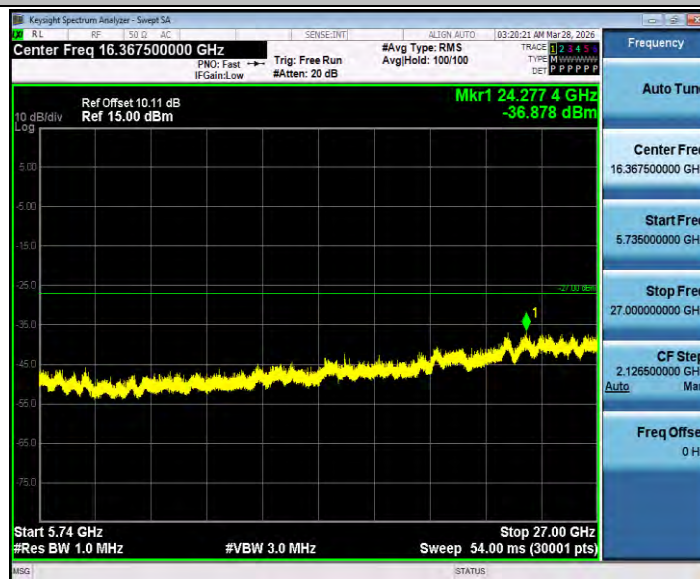
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11AC40SISO_Ant1_5510_30~5460



11AC40SISO_Ant1_5510_5735~27000



11AC40SISO_Ant1_5590_30~5460



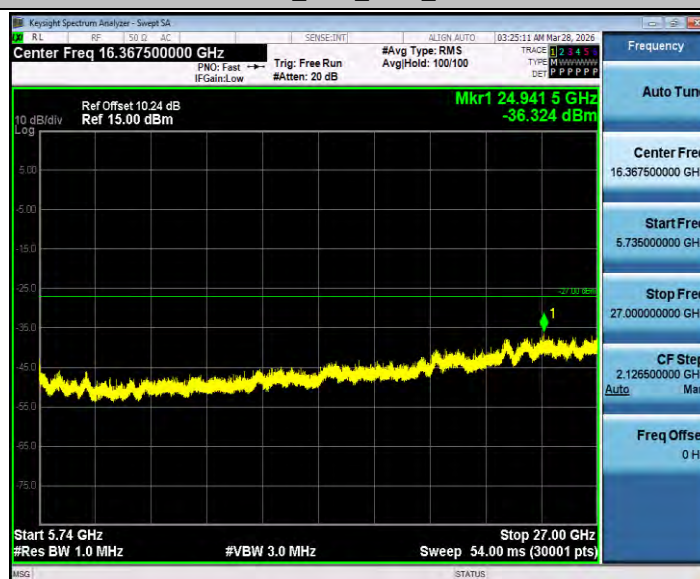
11AC40SISO_Ant1_5590_5735~27000



11AC40SISO_Ant1_5670_30~5460



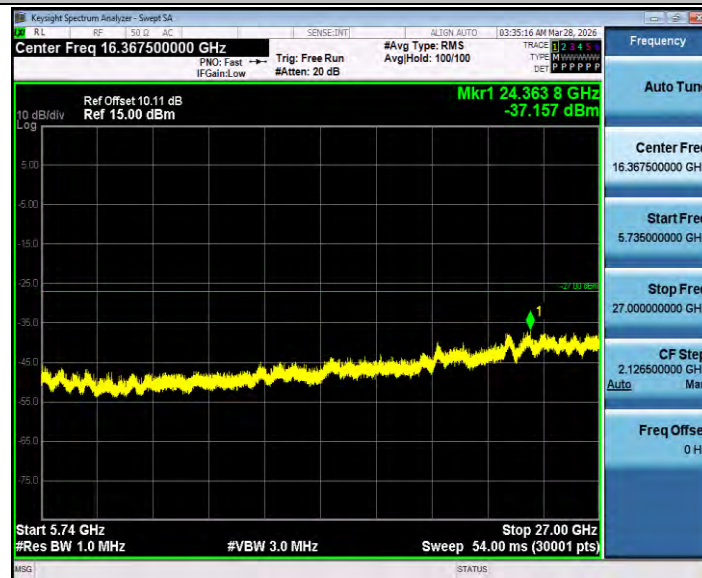
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11AC80SISO_Ant1_5530_30~5460



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



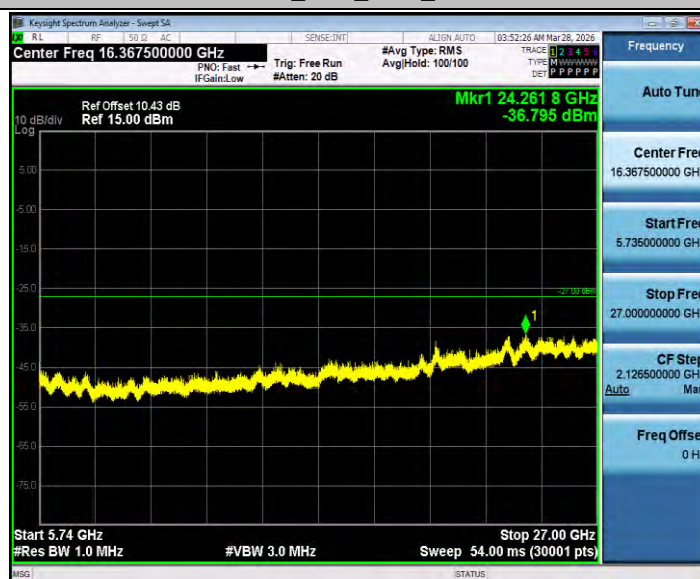
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11AX20SISO_Ant1_5700_30~5460



11AX20SISO_Ant1_5700_5735~27000



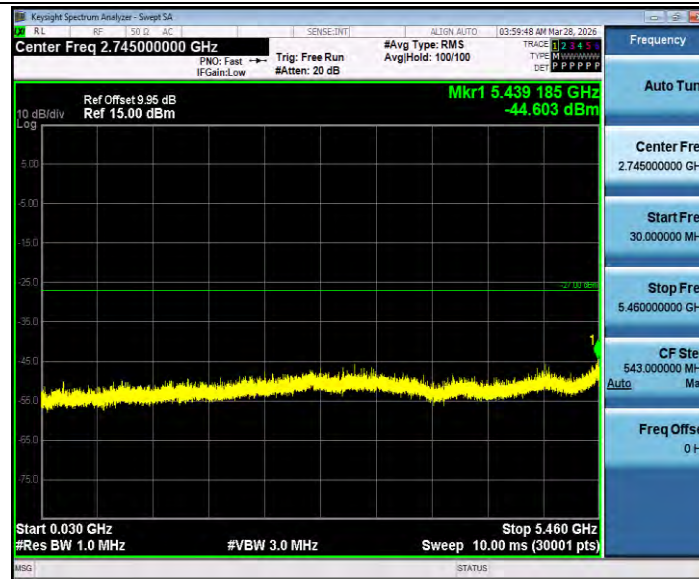
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11AX40SISO_Ant1_5510_5735~27000



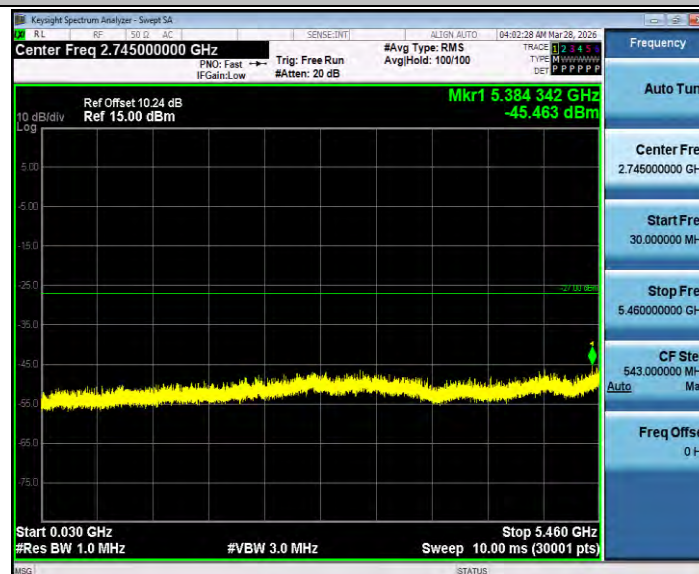
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11AX40SISO_Ant1_5590_5735~27000

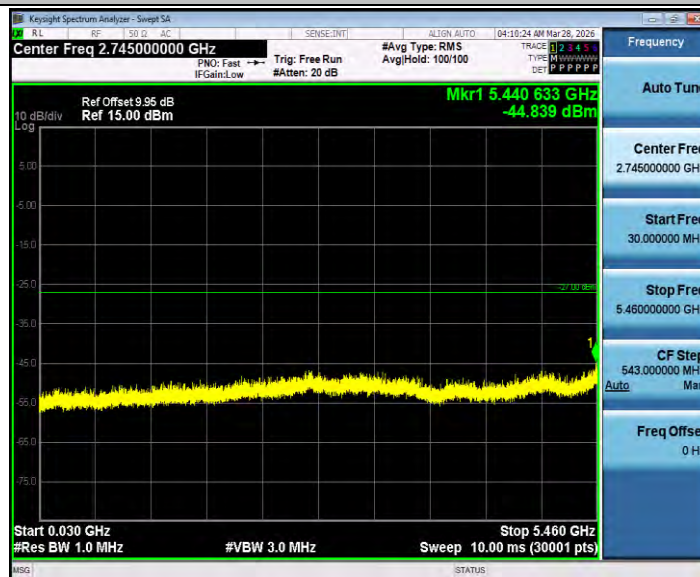


11AX40SISO_Ant1_5670_30~5460





11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

