

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	15.36	98.39	0.07	15.43	≤23.98	PASS
		5580	14.10	98.39	0.07	14.17	≤23.98	PASS
		5700	14.50	98.39	0.07	14.57	≤23.98	PASS
11N20SISO	Ant1	5500	15.37	98.35	0.07	15.44	≤23.98	PASS
		5580	14.09	98.35	0.07	14.16	≤23.98	PASS
		5700	14.44	98.17	0.08	14.52	≤23.98	PASS
11N40SISO	Ant1	5510	15.12	98.28	0.08	15.20	≤23.98	PASS
		5590	13.70	98.10	0.08	13.78	≤23.98	PASS
		5670	14.49	98.29	0.07	14.56	≤23.98	PASS
11AC20SISO	Ant1	5500	15.27	98.17	0.08	15.35	≤23.98	PASS
		5580	14.25	98.35	0.07	14.32	≤23.98	PASS
		5700	14.47	98.35	0.07	14.54	≤23.98	PASS
11AC40SISO	Ant1	5510	15.38	98.10	0.08	15.46	≤23.98	PASS
		5590	13.85	98.29	0.07	13.92	≤23.98	PASS
		5670	14.48	98.29	0.07	14.55	≤23.98	PASS
11AC80SISO	Ant1	5530	12.83	98.14	0.08	12.91	≤23.98	PASS
		5610	12.30	97.94	0.09	12.39	≤23.98	PASS
11AX20SISO	Ant1	5500	15.15	98.10	0.08	15.23	≤23.98	PASS
		5580	14.16	98.10	0.08	14.24	≤23.98	PASS
		5700	14.05	98.31	0.07	14.12	≤23.98	PASS
11AX40SISO	Ant1	5510	15.04	98.09	0.08	15.12	≤23.98	PASS
		5590	13.76	97.89	0.09	13.85	≤23.98	PASS
		5670	14.43	98.09	0.08	14.51	≤23.98	PASS
11AX80SISO	Ant1	5530	11.54	98.00	0.09	11.63	≤23.98	PASS
		5610	11.90	98.00	0.09	11.99	≤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	3.98	≤11.00	PASS
		5580	2.76	≤11.00	PASS
		5700	3.39	≤11.00	PASS
11N20SISO	Ant1	5500	3.69	≤11.00	PASS
		5580	2.50	≤11.00	PASS
		5700	3.06	≤11.00	PASS
11N40SISO	Ant1	5510	1.22	≤11.00	PASS
		5590	-0.49	≤11.00	PASS
		5670	0.33	≤11.00	PASS
11AC20SISO	Ant1	5500	3.67	≤11.00	PASS
		5580	2.64	≤11.00	PASS
		5700	3.07	≤11.00	PASS
11AC40SISO	Ant1	5510	1.44	≤11.00	PASS
		5590	-0.34	≤11.00	PASS
		5670	0.34	≤11.00	PASS
11AC80SISO	Ant1	5530	-3.38	≤11.00	PASS
		5610	-3.75	≤11.00	PASS
11AX20SISO	Ant1	5500	3.52	≤11.00	PASS
		5580	2.44	≤11.00	PASS
		5700	2.87	≤11.00	PASS
11AX40SISO	Ant1	5510	0.81	≤11.00	PASS
		5590	-0.78	≤11.00	PASS
		5670	-0.04	≤11.00	PASS
11AX80SISO	Ant1	5530	-5.41	≤11.00	PASS
		5610	-4.77	≤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



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

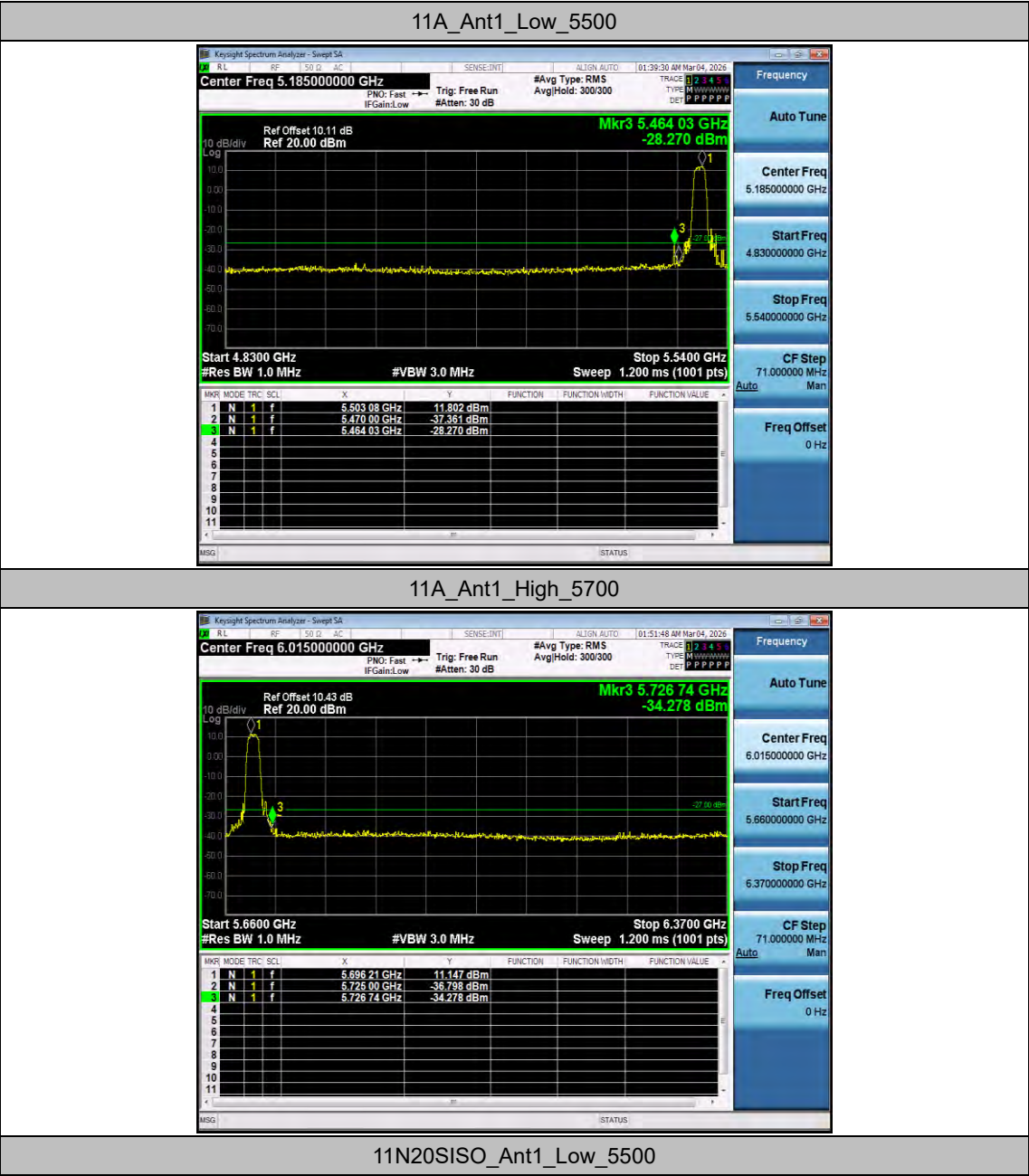


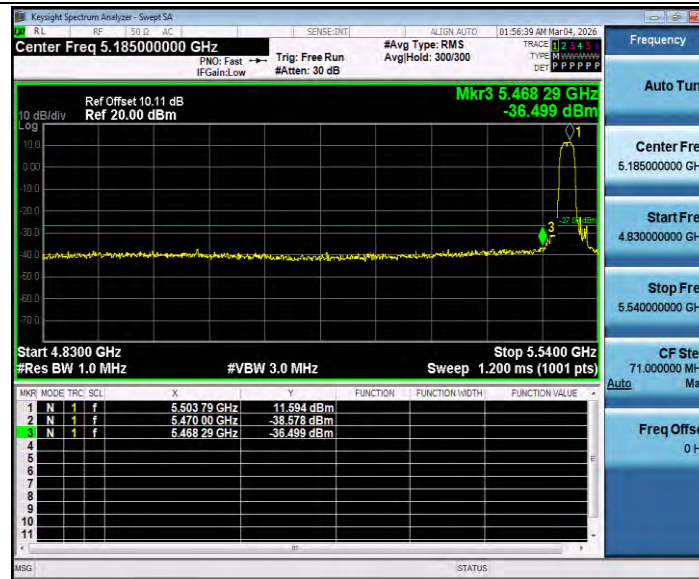
Appendix F.6:Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-28.27	≤ -27	PASS
		High	5700	-34.28	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-36.5	≤ -27	PASS
		High	5700	-34.21	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-30.73	≤ -27	PASS
		High	5670	-31.93	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-34.79	≤ -27	PASS
		High	5700	-34.87	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-30.23	≤ -27	PASS
		High	5670	-37.12	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-28.73	≤ -27	PASS
		High	5610	-37.21	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-31.66	≤ -27	PASS
		High	5700	-33.06	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-29.15	≤ -27	PASS
		High	5670	-36.62	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-29.58	≤ -27	PASS
		High	5610	-36.93	≤ -27	PASS

Test GraphsB3

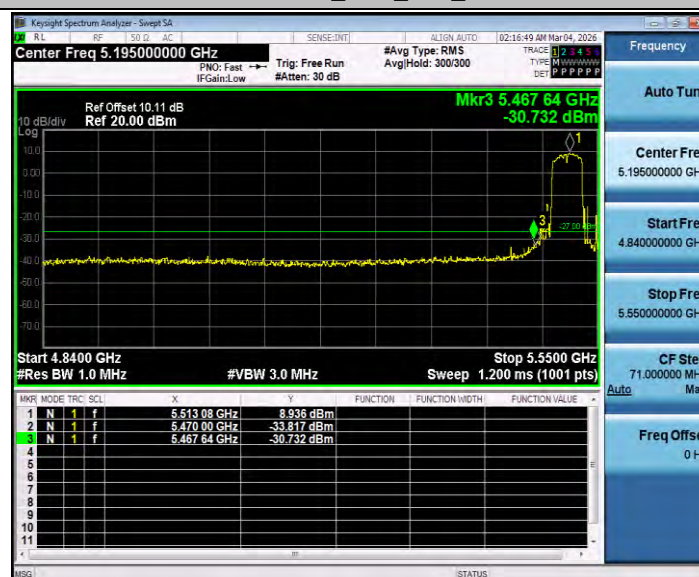




11N20SISO_Ant1_High_5700



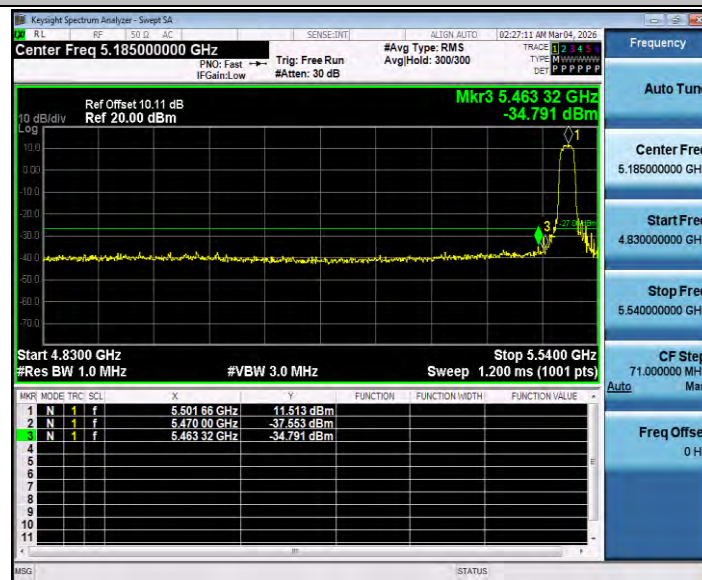
11N40SISO_Ant1_Low_5510



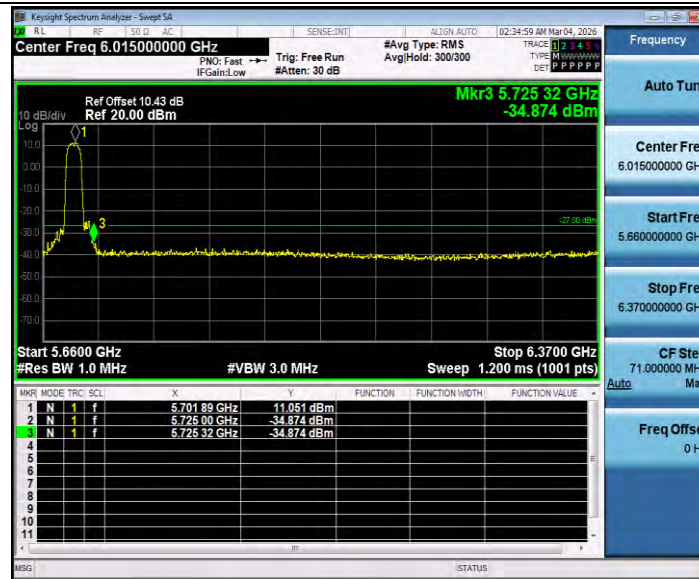
11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



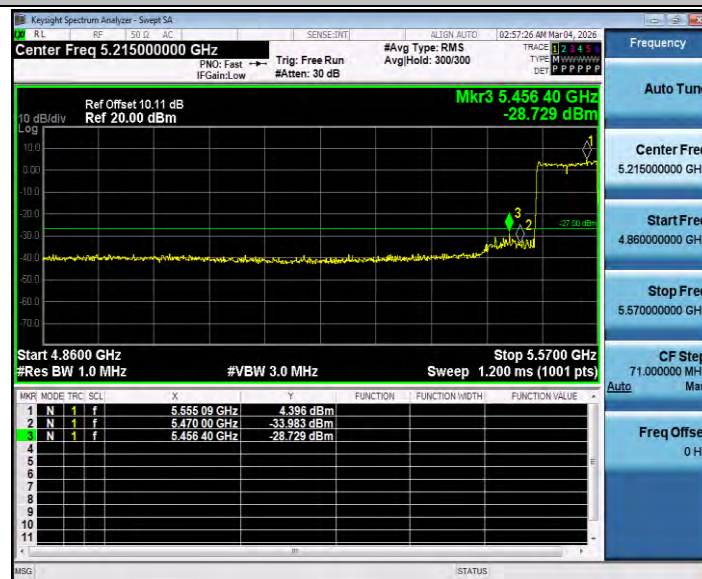
11AC40SISO_Ant1_Low_5510



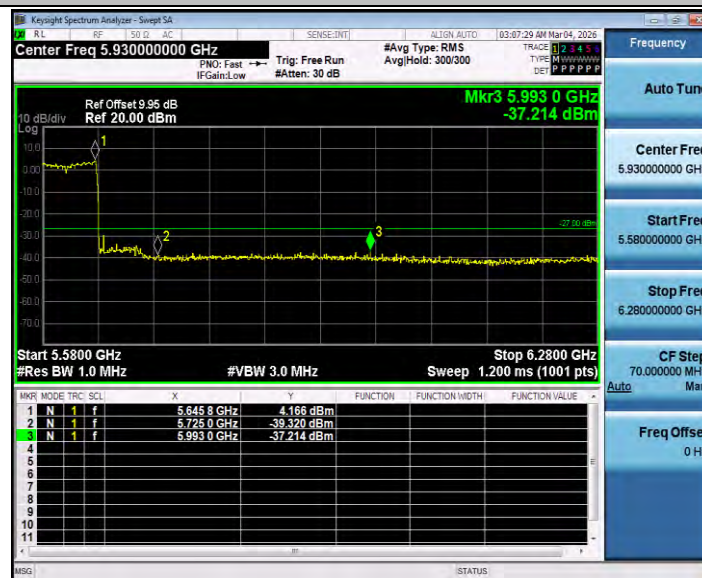
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



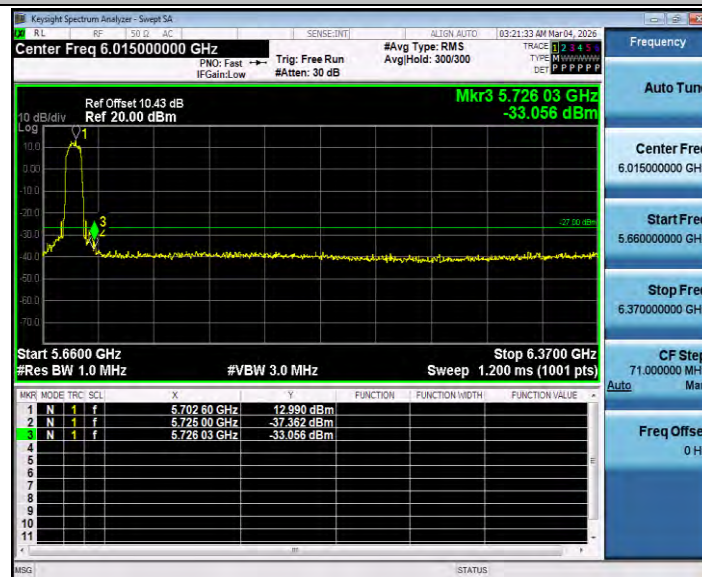
11AC80SISO_Ant1_High_5610



11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



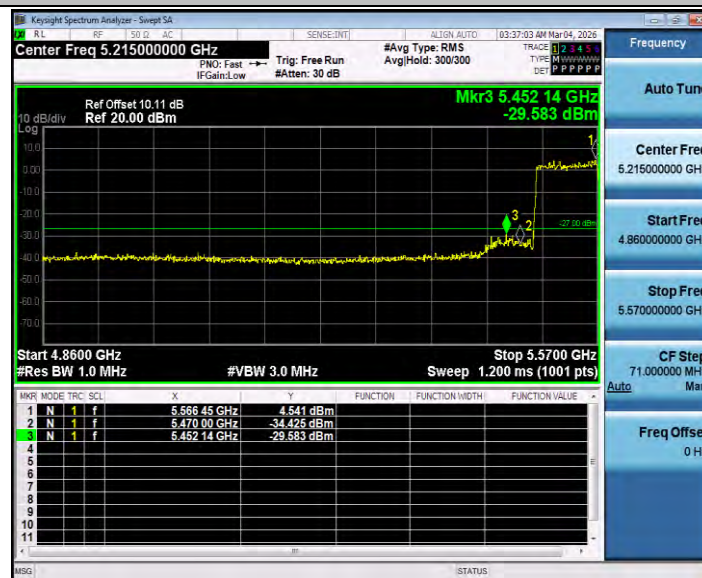
11AX40SISO_Ant1_Low_5510



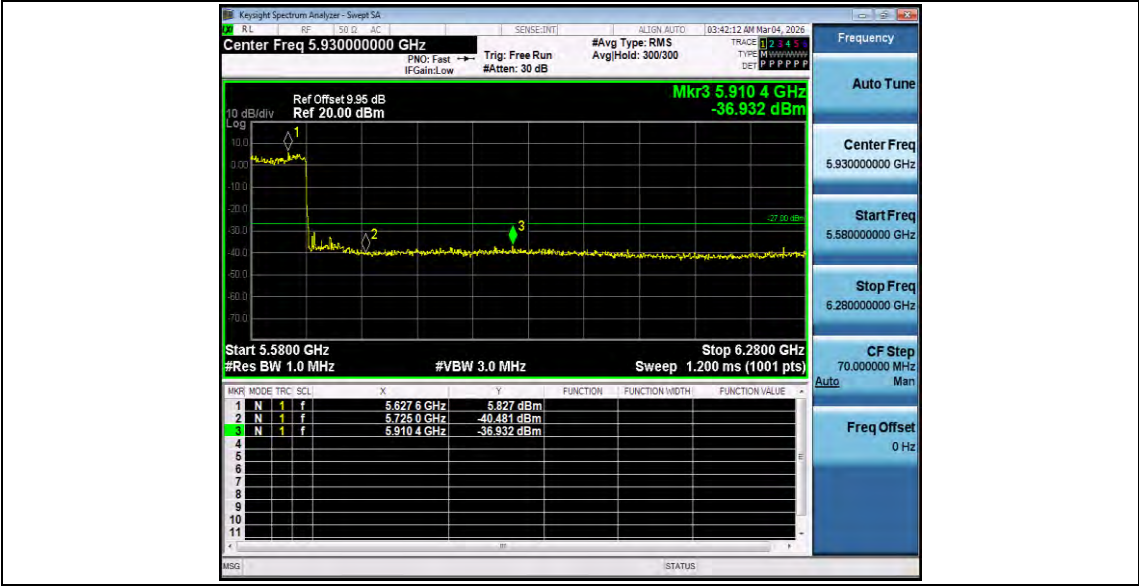
11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610



Appendix F.7:Conducted Spurious Emission

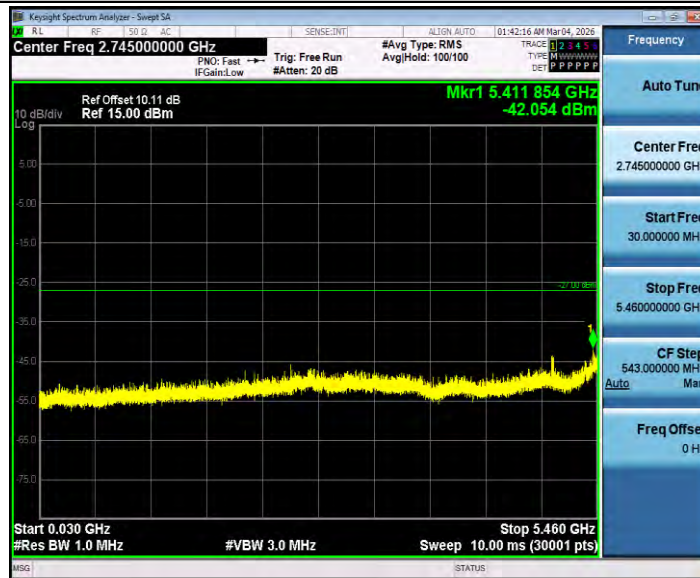
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5411.85	-42.05	≤-27	PASS
			5735~27000	24993.29	-37.37	≤-27	PASS
		5580	30~5460	5093.29	-42.96	≤-27	PASS
			5735~27000	24952.18	-36.87	≤-27	PASS
		5700	30~5460	2807.99	-45.72	≤-27	PASS
			5735~27000	24249.73	-36.43	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5027.95	-41.82	≤-27	PASS
			5735~27000	23489.86	-36.69	≤-27	PASS
		5580	30~5460	5092.39	-43.38	≤-27	PASS
			5735~27000	23498.36	-37.5	≤-27	PASS
		5700	30~5460	3391.89	-45.79	≤-27	PASS
			5735~27000	23562.16	-37.22	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5449.5	-29.22	≤-27	PASS
			5735~27000	24242.64	-37.38	≤-27	PASS
		5590	30~5460	5393.57	-43.84	≤-27	PASS
			5735~27000	26817.83	-37.35	≤-27	PASS
		5670	30~5460	2657.4	-45.65	≤-27	PASS
			5735~27000	24151.91	-36.9	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5457.47	-42.86	≤-27	PASS
			5735~27000	24779.23	-37.01	≤-27	PASS
		5580	30~5460	5091.85	-43.35	≤-27	PASS
			5735~27000	24270.28	-37.64	≤-27	PASS
		5700	30~5460	4765.32	-45.87	≤-27	PASS
			5735~27000	26799.4	-36.84	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5457.1	-39.48	≤-27	PASS
			5735~27000	26544.22	-37.3	≤-27	PASS
		5590	30~5460	5430.32	-43.65	≤-27	PASS
			5735~27000	24222.08	-37.03	≤-27	PASS
		5670	30~5460	5450.41	-45.32	≤-27	PASS
			5735~27000	26486.1	-36.55	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5458.37	-33.62	≤-27	PASS
			5735~27000	26585.33	-37.47	≤-27	PASS
		5610	30~5460	5450.41	-44.21	≤-27	PASS
			5735~27000	23575.63	-37.62	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5454.21	-41.11	≤-27	PASS
			5735~27000	24809.71	-37.61	≤-27	PASS

		5580	30~5460	5092.93	-41.95	≤ -27	PASS
			5735~27000	25032.99	-37.16	≤ -27	PASS
		5700	30~5460	5427.6	-45.74	≤ -27	PASS
			5735~27000	23530.26	-36.76	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5459.1	-37.79	≤ -27	PASS
			5735~27000	26987.95	-37.16	≤ -27	PASS
		5590	30~5460	5422.71	-44.79	≤ -27	PASS
			5735~27000	23520.34	-36.94	≤ -27	PASS
		5670	30~5460	5452.58	-45.62	≤ -27	PASS
			5735~27000	24259.65	-36.39	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5454.39	-32.61	≤ -27	PASS
			5735~27000	24972.03	-37.09	≤ -27	PASS
		5610	30~5460	5419.28	-43.38	≤ -27	PASS
			5735~27000	25987.08	-36.94	≤ -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



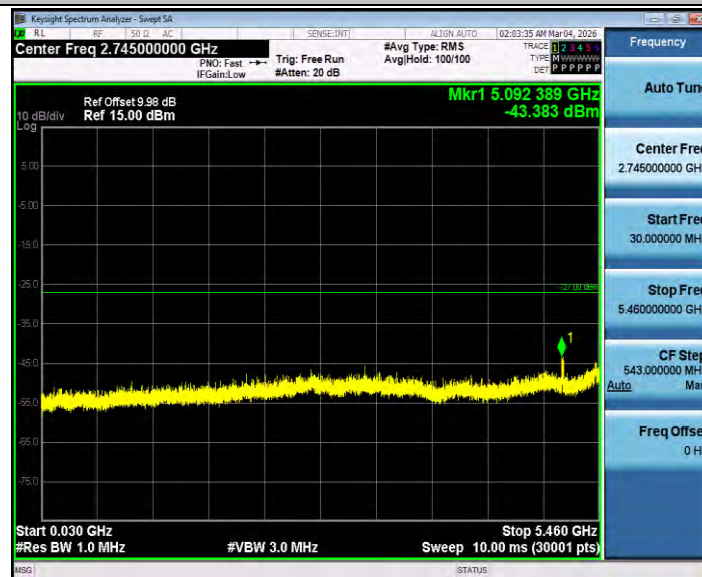
11N20SISO_Ant1_5500_30~5460



11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



11N20SISO_Ant1_5700_30~5460



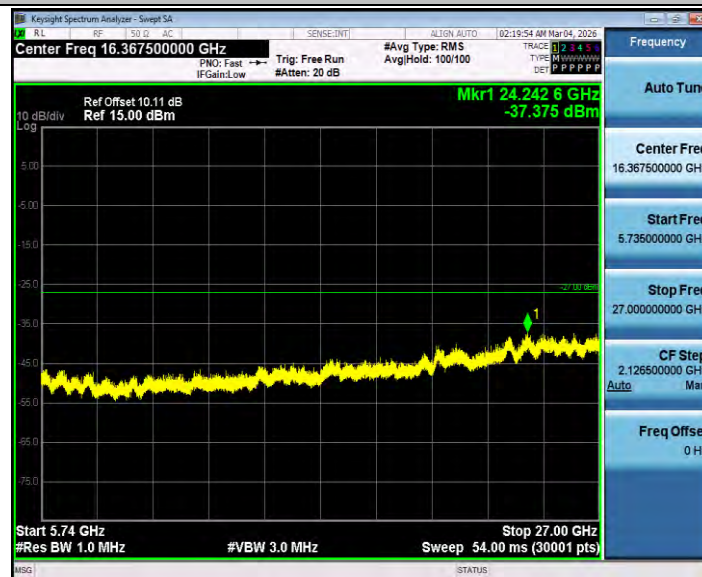
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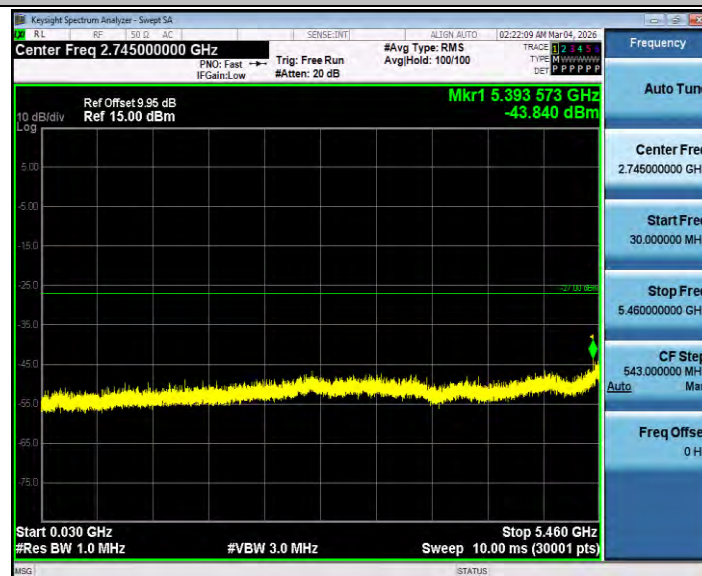
11N40SISO_Ant1_5510_30~5460

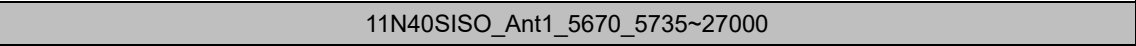
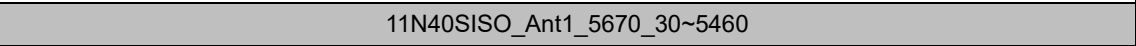


11N40SISO_Ant1_5510_5735~27000



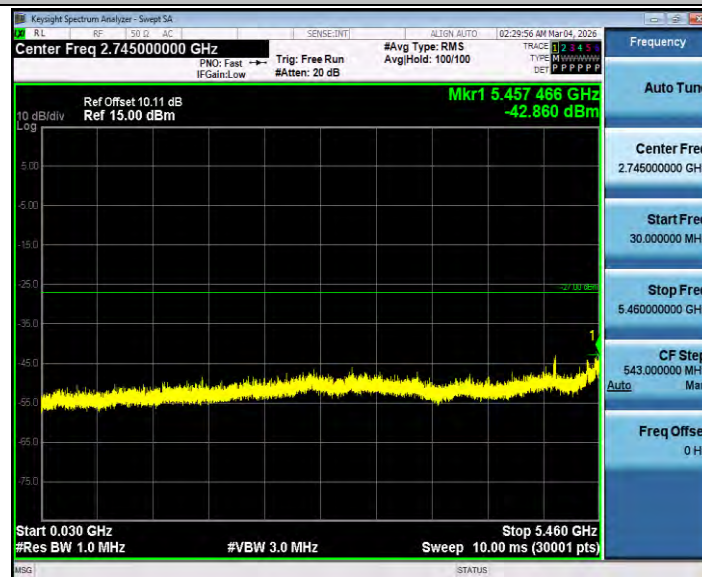
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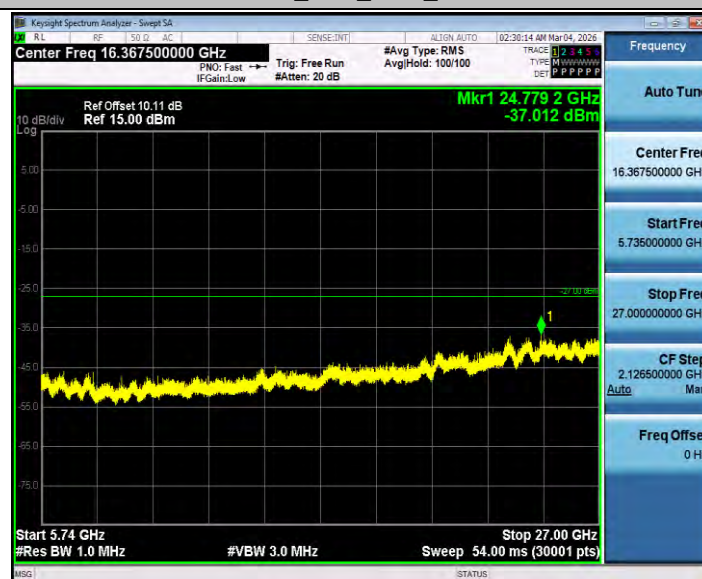




11AC20SISO_Ant1_5500_30~5460



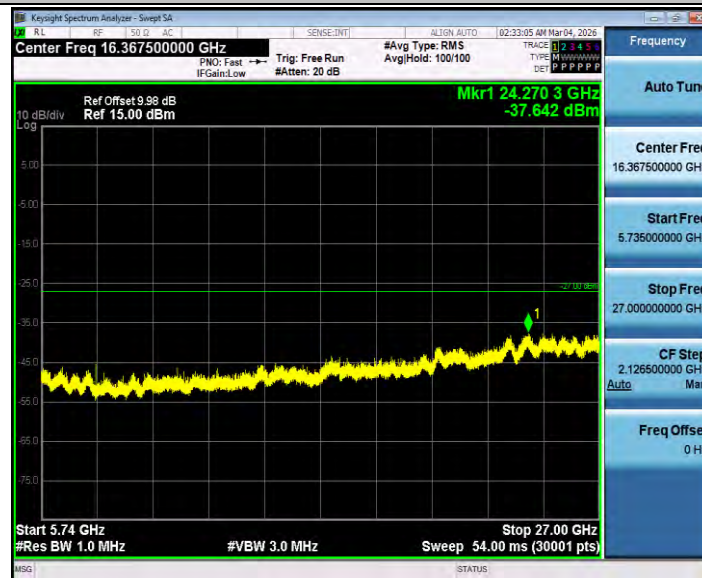
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11AC20SISO_Ant1_5580_30~5460



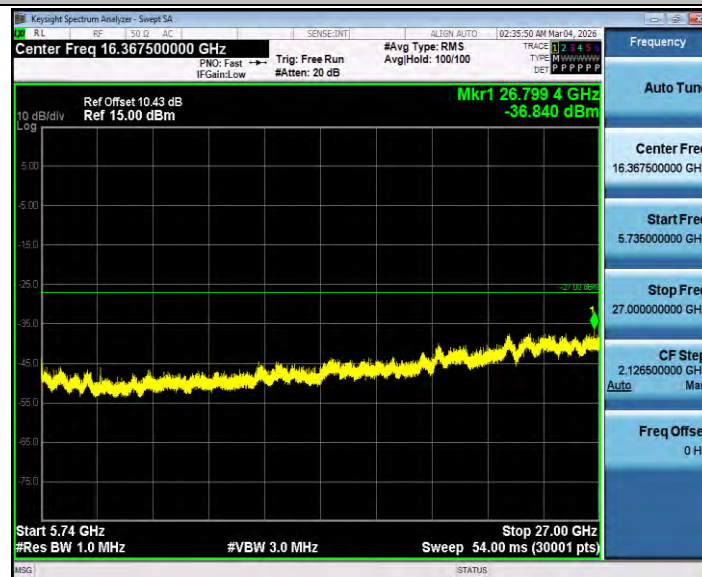
11AC20SISO_Ant1_5580_5735~27000



11AC20SISO_Ant1_5700_30~5460

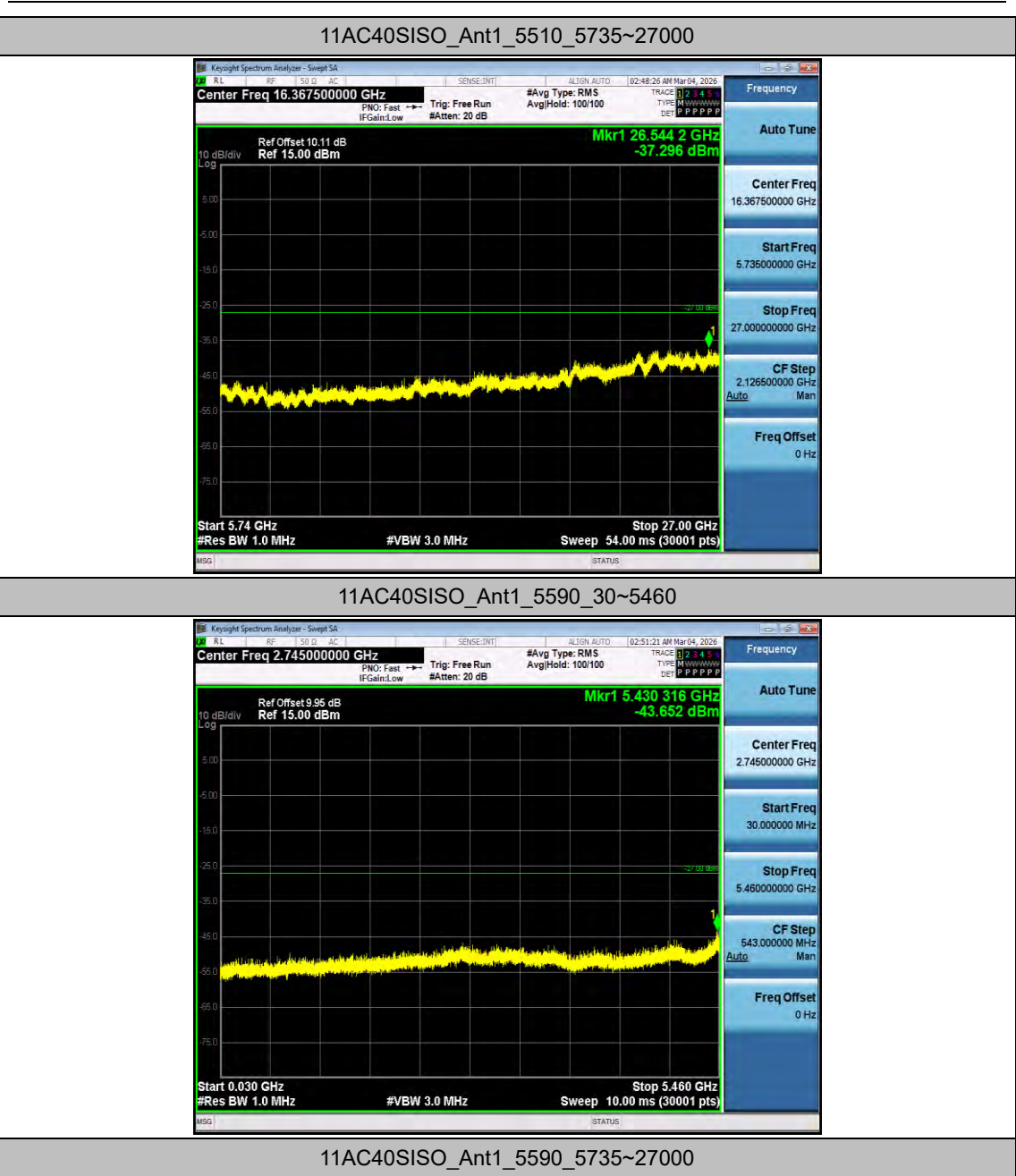


11AC20SISO_Ant1_5700_5735~27000



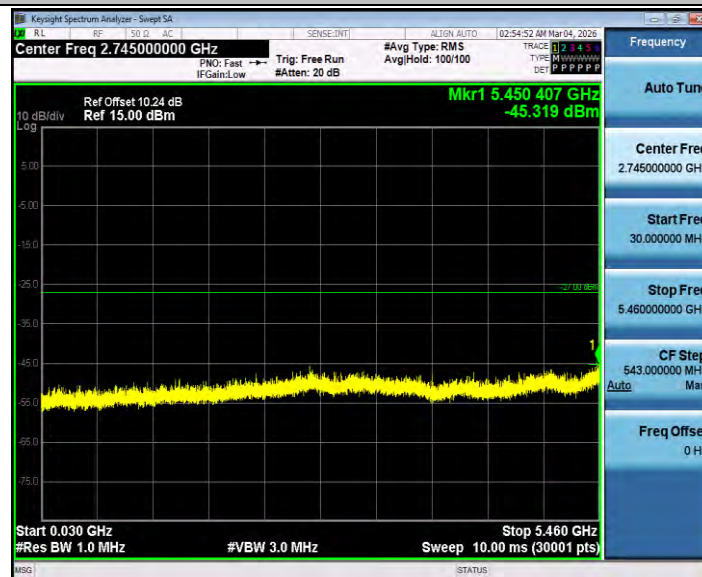
11AC40SISO_Ant1_5510_30~5460







11AC40SISO_Ant1_5670_30~5460



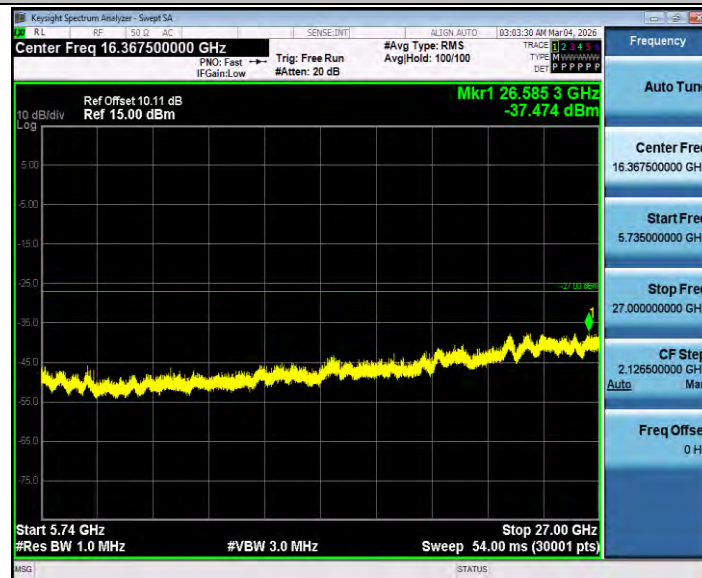
11AC40SISO_Ant1_5670_5735~27000



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



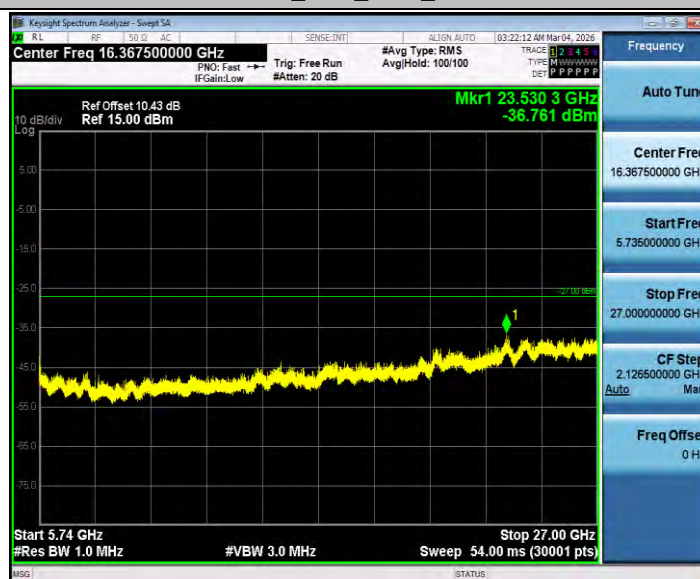
11AX20SISO_Ant1_5580_5735~27000



11AX20SISO_Ant1_5700_30~5460



11AX20SISO_Ant1_5700_5735~27000



11AX40SISO_Ant1_5510_30~5460



11AX40SISO_Ant1_5510_5735~27000



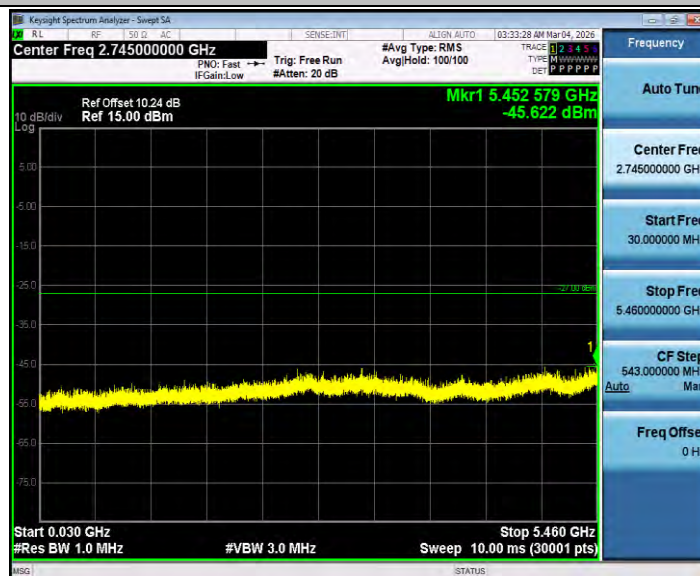
11AX40SISO_Ant1_5590_30~5460



11AX40SISO_Ant1_5590_5735~27000



11AX40SISO_Ant1_5670_30~5460



11AX40SISO_Ant1_5670_5735~27000



11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~27000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

