

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	Ant0	5500	13.07	98.38	0.07	13.14	≤23.98	PASS
		5580	11.32	98.39	0.07	11.39	≤23.98	PASS
		5700	13.05	98.39	0.07	13.12	≤23.98	PASS
11N20SISO	Ant0	5500	13.42	98.35	0.07	13.49	≤23.98	PASS
		5580	12.12	98.35	0.07	12.19	≤23.98	PASS
		5700	12.90	98.17	0.08	12.98	≤23.98	PASS
11N40SISO	Ant0	5510	11.95	70.15	1.54	13.49	≤23.98	PASS
		5590	9.66	69.63	1.57	11.23	≤23.98	PASS
		5670	10.99	69.63	1.57	12.56	≤23.98	PASS
11AC20SISO	Ant0	5500	13.09	98.54	0.06	13.15	≤23.89	PASS
		5580	11.84	98.35	0.07	11.91	≤23.91	PASS
		5700	13.06	98.35	0.07	13.13	≤23.93	PASS
11AC40SISO	Ant0	5510	13.12	98.29	0.07	13.19	≤23.98	PASS
		5590	11.06	98.29	0.07	11.13	≤23.98	PASS
		5670	12.40	98.10	0.08	12.48	≤23.98	PASS
11AC80SISO	Ant0	5530	12.46	98.14	0.08	12.54	≤23.98	PASS
		5610	11.47	97.94	0.09	11.56	≤23.98	PASS
11AX20SISO	Ant0	5500	9.98	98.10	0.08	10.06	≤23.98	PASS
		5580	9.21	98.10	0.08	9.29	≤23.98	PASS
		5700	10.51	98.10	0.08	10.59	≤23.98	PASS
11AX40SISO	Ant0	5510	16.00	97.89	0.09	16.09	≤23.98	PASS
		5590	13.97	98.09	0.08	14.05	≤23.98	PASS
		5670	15.27	97.89	0.09	15.36	≤23.98	PASS
11AX80SISO	Ant0	5530	10.70	98.01	0.09	10.79	≤23.98	PASS
		5610	9.58	98.00	0.09	9.67	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	1.43	≤11.00	PASS
		5580	-0.18	≤11.00	PASS
		5700	1.57	≤11.00	PASS
11N20SISO	Ant0	5500	1.93	≤11.00	PASS
		5580	0.32	≤11.00	PASS
		5700	1.67	≤11.00	PASS
11N40SISO	Ant0	5510	0.90	≤11.00	PASS
		5590	-1.29	≤11.00	PASS
		5670	0.06	≤11.00	PASS
11AC20SISO	Ant0	5500	1.62	≤11.00	PASS
		5580	0.15	≤11.00	PASS
		5700	1.64	≤11.00	PASS
11AC40SISO	Ant0	5510	-0.67	≤11.00	PASS
		5590	-2.66	≤11.00	PASS
		5670	-1.46	≤11.00	PASS
11AC80SISO	Ant0	5530	-4.18	≤11.00	PASS
		5610	-5.25	≤11.00	PASS
11AX20SISO	Ant0	5500	-2.12	≤11.00	PASS
		5580	-2.74	≤11.00	PASS
		5700	-1.26	≤11.00	PASS
11AX40SISO	Ant0	5510	2.14	≤11.00	PASS
		5590	0.15	≤11.00	PASS
		5670	1.41	≤11.00	PASS
11AX80SISO	Ant0	5530	-6.94	≤11.00	PASS
		5610	-7.41	≤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

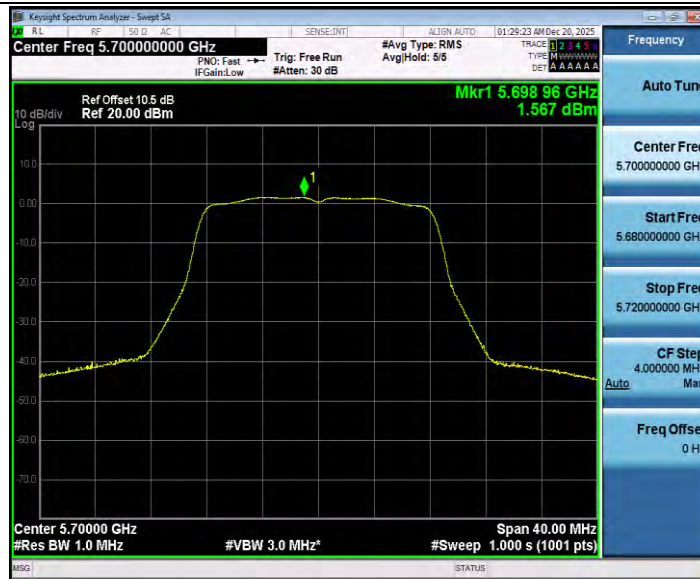
11A_Ant0_5500



11A_Ant0_5580



11A_Ant0_5700



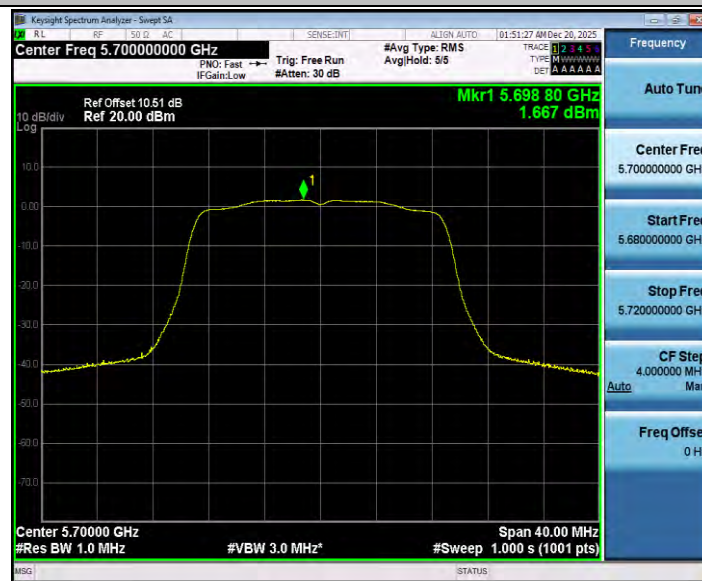
11N20SISO_Ant0_5500



11N20SISO_Ant0_5580



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



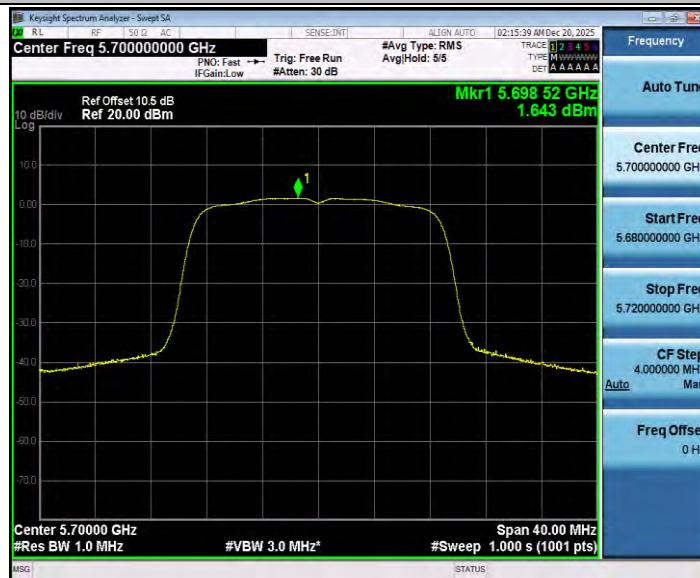
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11AC20SISO_Ant0_5580



11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5580



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80ISO_Ant0_5530



11AX80ISO_Ant0_5610

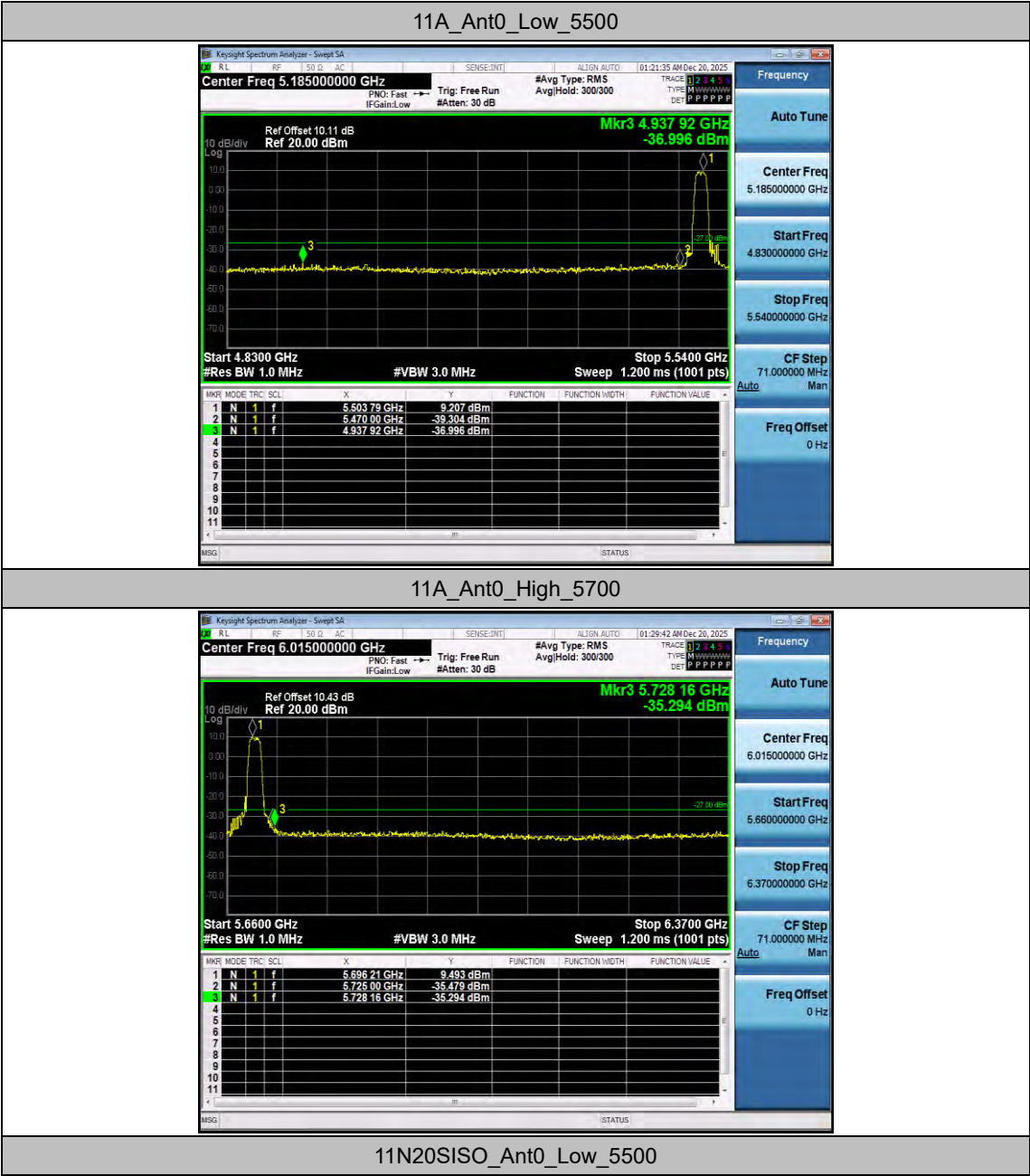


Appendix F.6:Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-37	≤ -27	PASS
		High	5700	-35.29	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-37.37	≤ -27	PASS
		High	5700	-28.73	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-34.41	≤ -27	PASS
		High	5670	-34.71	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-37	≤ -27	PASS
		High	5700	-30.52	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-31.76	≤ -27	PASS
		High	5670	-31.54	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-31.72	≤ -27	PASS
		High	5610	-36.87	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-37.22	≤ -27	PASS
		High	5700	-36.53	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-29.15	≤ -27	PASS
		High	5670	-36.62	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-37.05	≤ -27	PASS
		High	5610	-37.13	≤ -27	PASS

Test GraphsB3



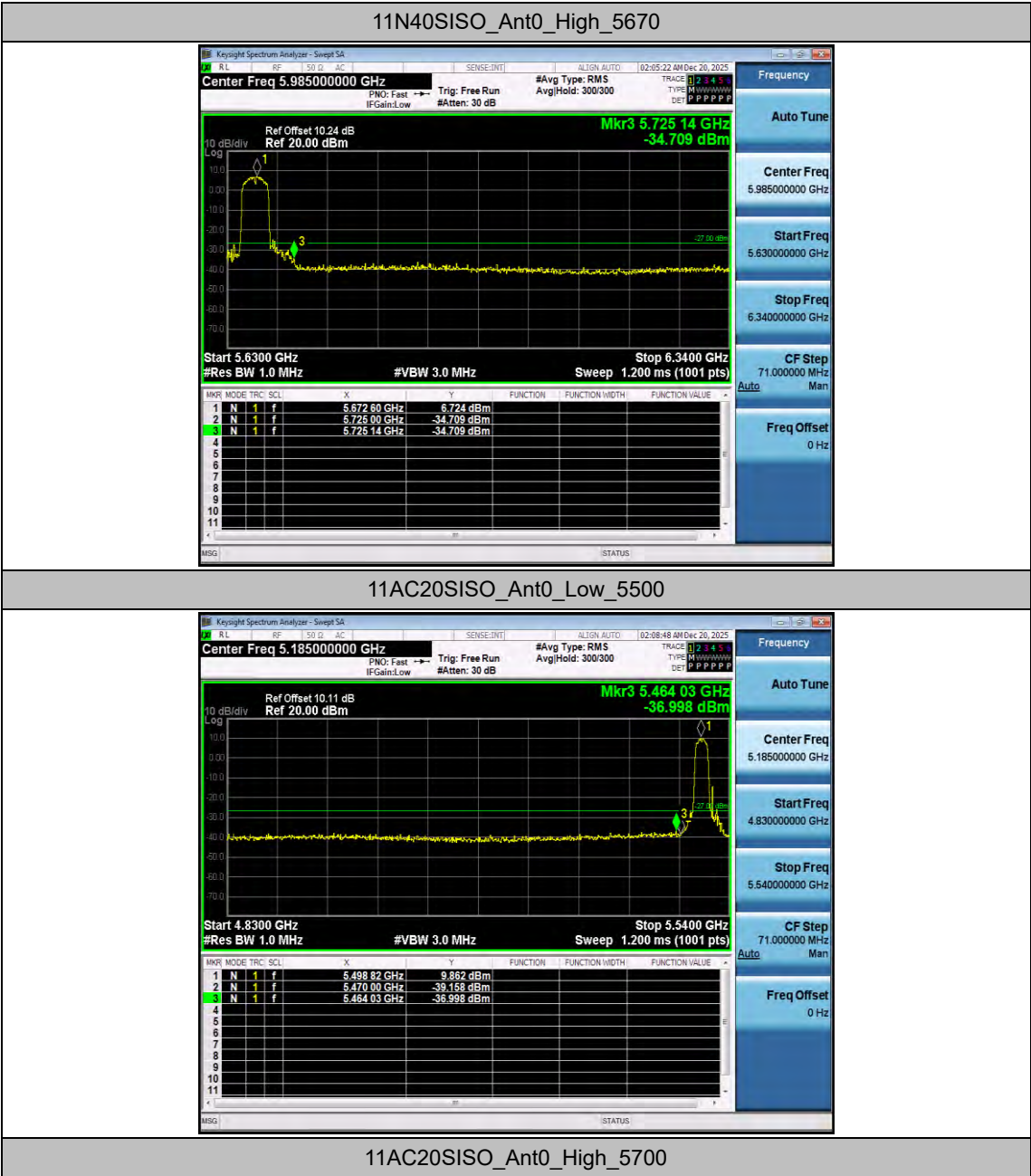


11N20SISO_Ant0_High_5700



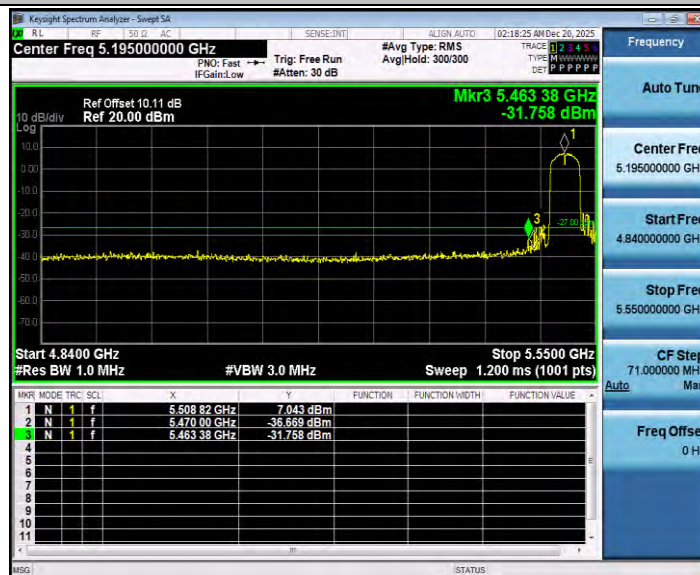
11N40SISO_Ant0_Low_5510





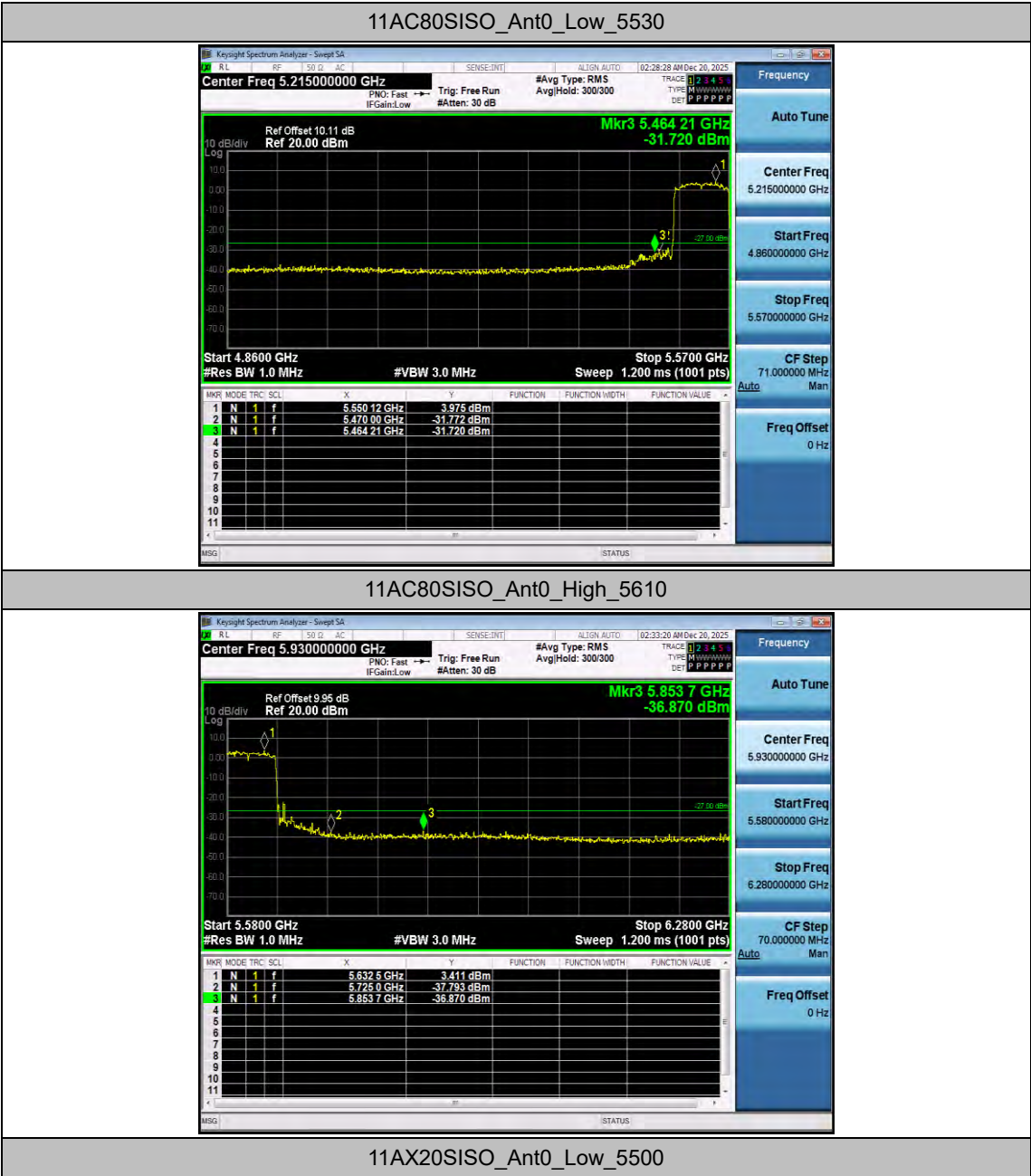


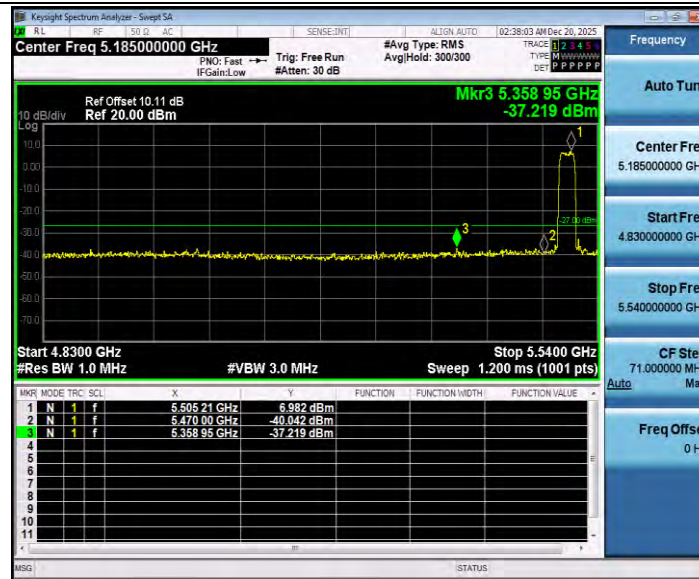
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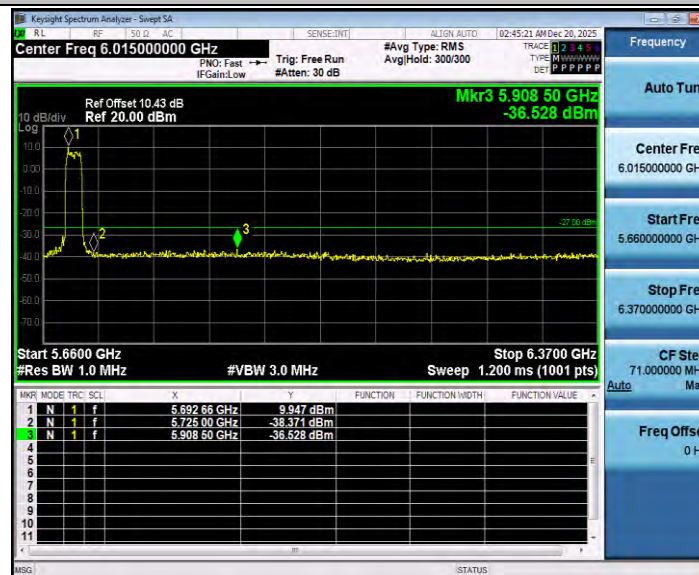
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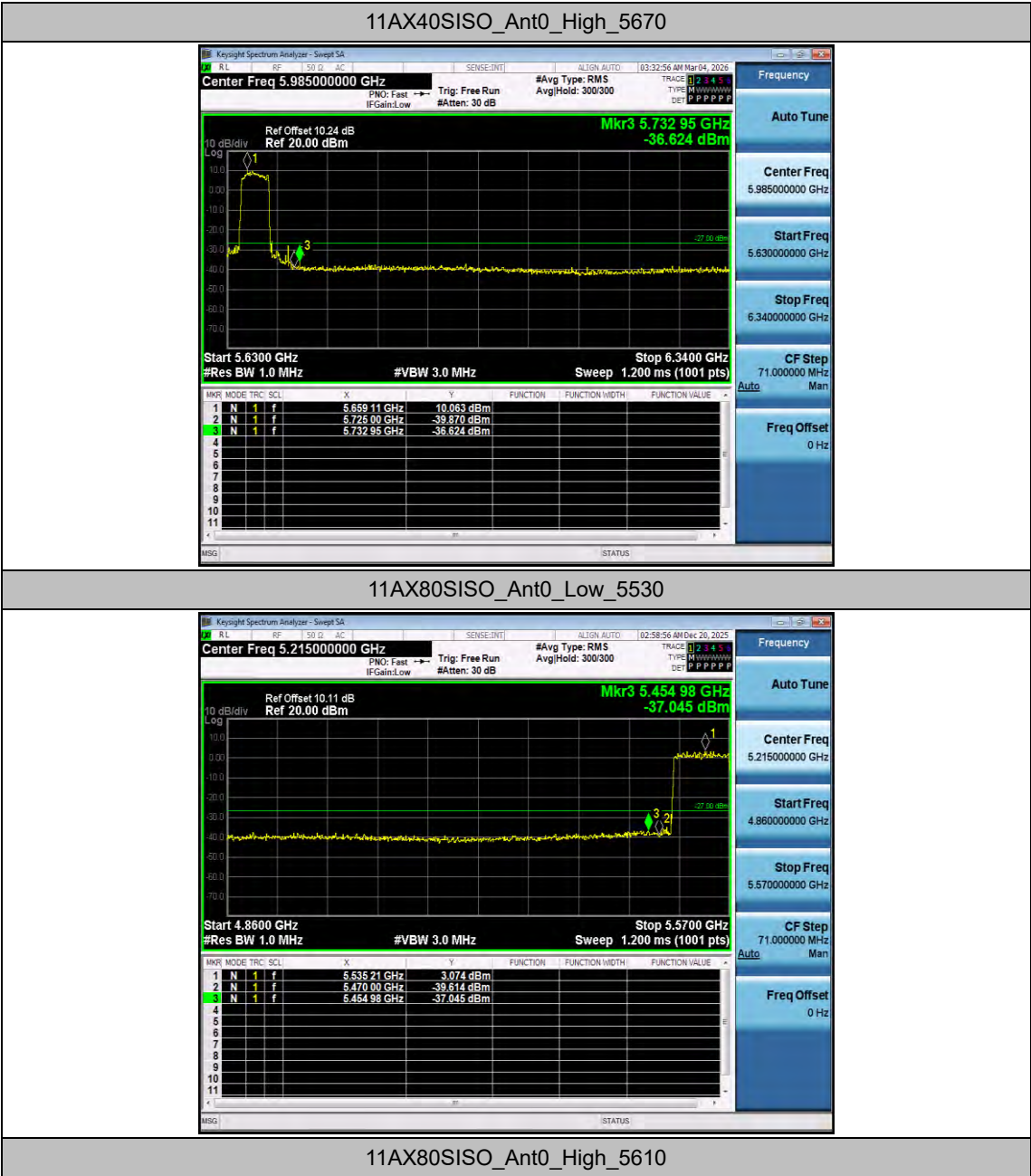


11AX20SISO_Ant0_High_5700



11AX40SISO_Ant0_Low_5510





Appendix F.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5405.88	-41.89	≤-27	PASS
			5735~27000	24823.88	-37.29	≤-27	PASS
		5580	30~5460	5105.96	-44.78	≤-27	PASS
			5735~27000	24309.98	-37.61	≤-27	PASS
		5700	30~5460	5227.23	-43.63	≤-27	PASS
			5735~27000	24230.59	-36.79	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5459.1	-42.1	≤-27	PASS
			5735~27000	24244.76	-37.17	≤-27	PASS
		5580	30~5460	5108.32	-43.38	≤-27	PASS
			5735~27000	23479.93	-37	≤-27	PASS
		5700	30~5460	5450.41	-45.3	≤-27	PASS
			5735~27000	26491.77	-36.24	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5459.28	-39.26	≤-27	PASS
			5735~27000	24792.69	-37.58	≤-27	PASS
		5590	30~5460	5428.33	-46.08	≤-27	PASS
			5735~27000	24290.13	-37.34	≤-27	PASS
		5670	30~5460	2643.64	-45.93	≤-27	PASS
			5735~27000	24709.76	-37.17	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5419.28	-45.23	≤-27	PASS
			5735~27000	25603.6	-36.96	≤-27	PASS
		5580	30~5460	5107.96	-44.16	≤-27	PASS
			5735~27000	25225.79	-36.71	≤-27	PASS
		5700	30~5460	3175.42	-45.32	≤-27	PASS
			5735~27000	25211.61	-36.15	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5457.65	-39.46	≤-27	PASS
			5735~27000	24221.37	-35.81	≤-27	PASS
		5590	30~5460	4949.94	-45.82	≤-27	PASS
			5735~27000	23596.18	-36.48	≤-27	PASS
		5670	30~5460	5457.65	-45.94	≤-27	PASS
			5735~27000	5740.67	-33.81	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5456.56	-32.95	≤-27	PASS
			5735~27000	26807.91	-36.65	≤-27	PASS
		5610	30~5460	5444.07	-46.11	≤-27	PASS
			5735~27000	26517.28	-37.14	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5026.87	-42.4	≤-27	PASS
			5735~27000	24334.08	-36.47	≤-27	PASS

		5580	30~5460	5108.86	-43.1	≤ -27	PASS
			5735~27000	24260.36	-36.95	≤ -27	PASS
		5700	30~5460	5228.14	-42.44	≤ -27	PASS
			5735~27000	24249.73	-36.8	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5458.37	-32.34	≤ -27	PASS
			5735~27000	26616.52	-37.12	≤ -27	PASS
		5590	30~5460	5434.12	-45.07	≤ -27	PASS
			5735~27000	23520.34	-37.19	≤ -27	PASS
		5670	30~5460	3288	-45.36	≤ -27	PASS
			5735~27000	5735.71	-31.4	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5450.59	-39.58	≤ -27	PASS
			5735~27000	24322.74	-36.74	≤ -27	PASS
		5610	30~5460	5409.68	-45.56	≤ -27	PASS
			5735~27000	26832.72	-36.3	≤ -27	PASS

Test Graphs

11A_Ant0_5500_30~5460



11A_Ant0_5500_5735~27000



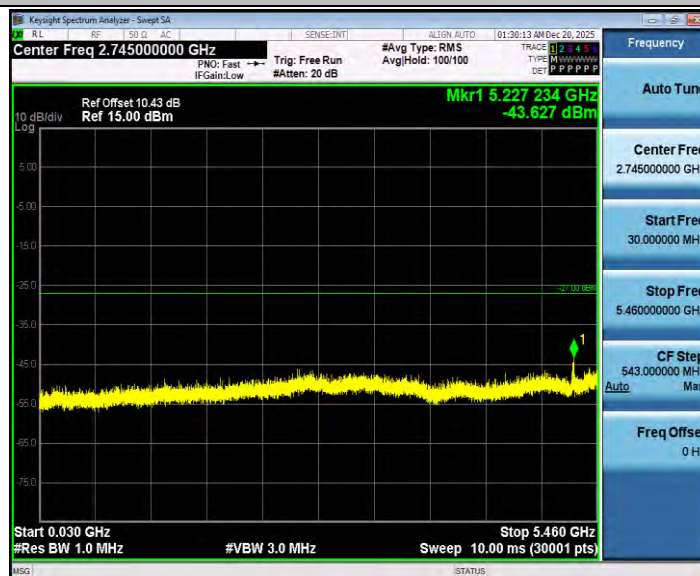
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11A_Ant0_5580_5735~27000



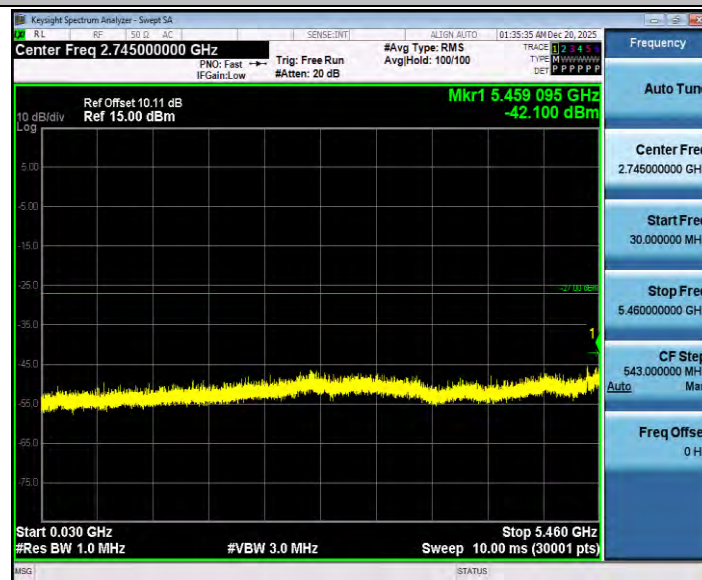
11A_Ant0_5700_30~5460



11A_Ant0_5700_5735~27000



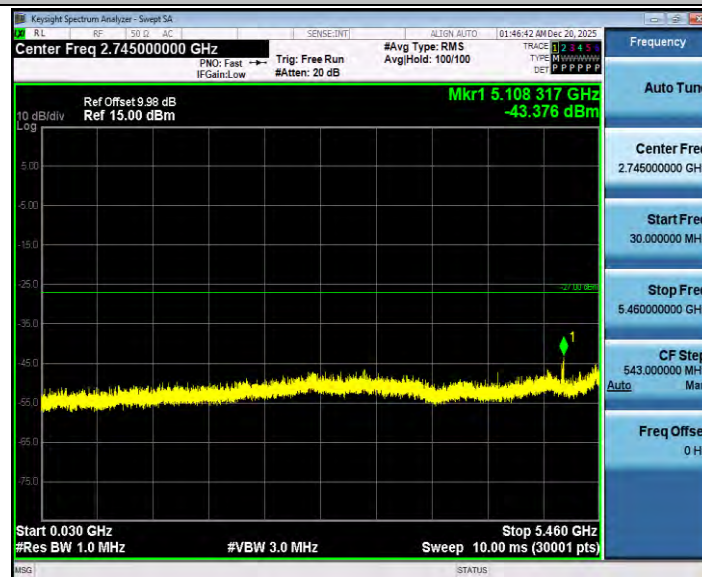
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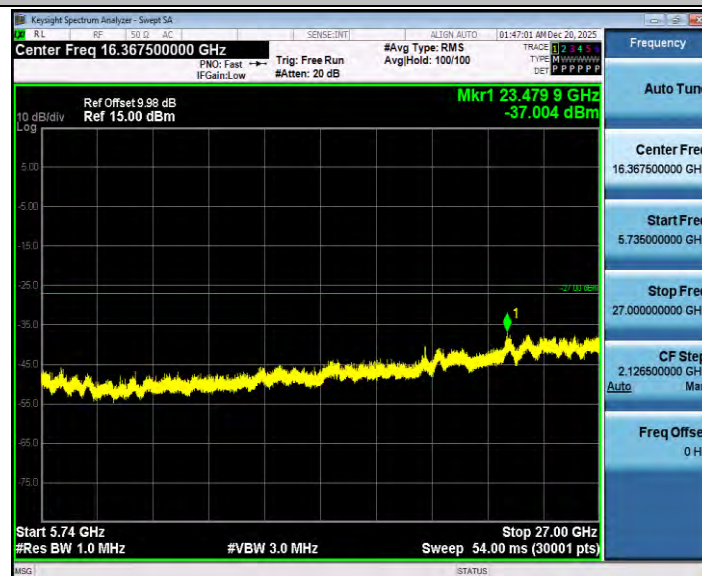
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11N20SISO_Ant0_5580_30~5460



11N20SISO_Ant0_5580_5735~27000



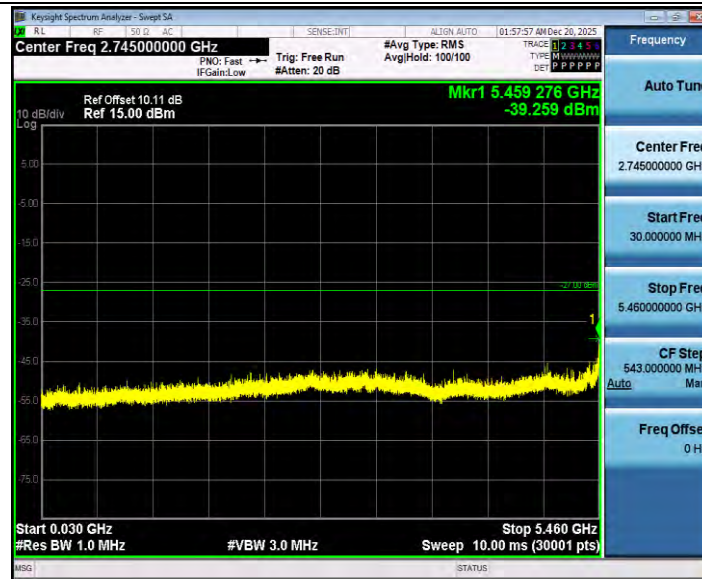
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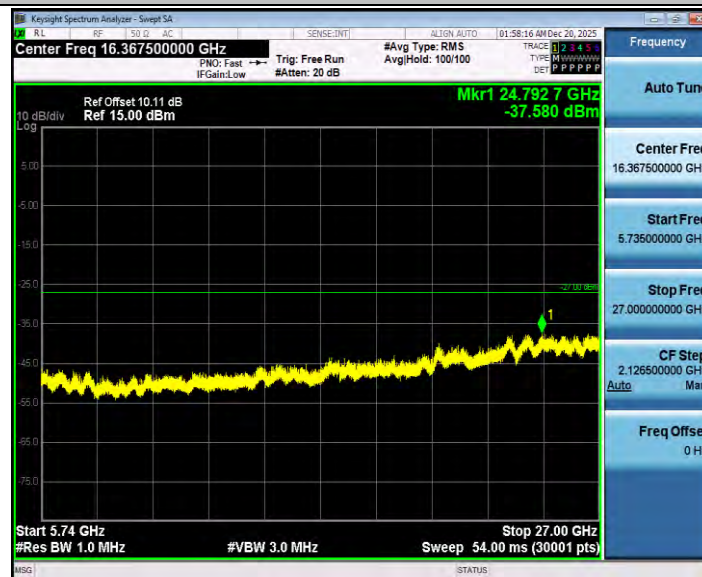
11N20SISO_Ant0_5700_5735~27000



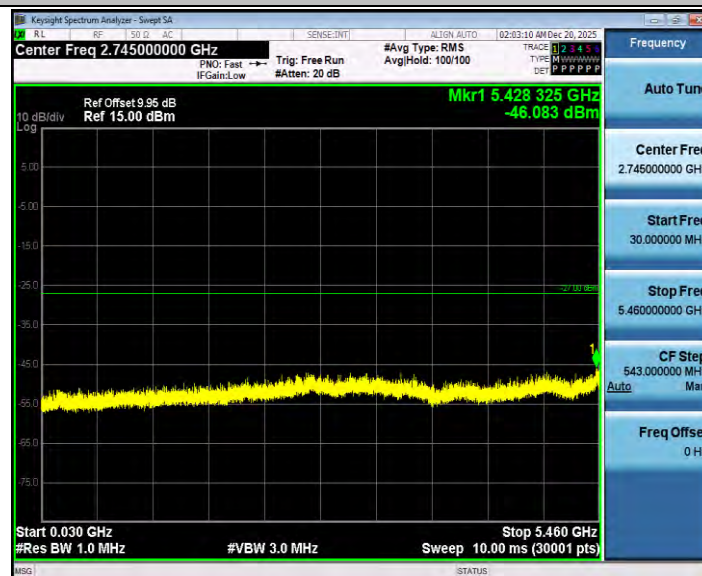
11N40SISO_Ant0_5510_30~5460



11N40SISO_Ant0_5510_5735~27000



11N40SISO_Ant0_5590_30~5460



11N40SISO_Ant0_5590_5735~27000



11N40SISO_Ant0_5670_30~5460



11N40SISO_Ant0_5670_5735~27000



11AC20SISO_Ant0_5500_30~5460



11AC20SISO_Ant0_5500_5735~27000



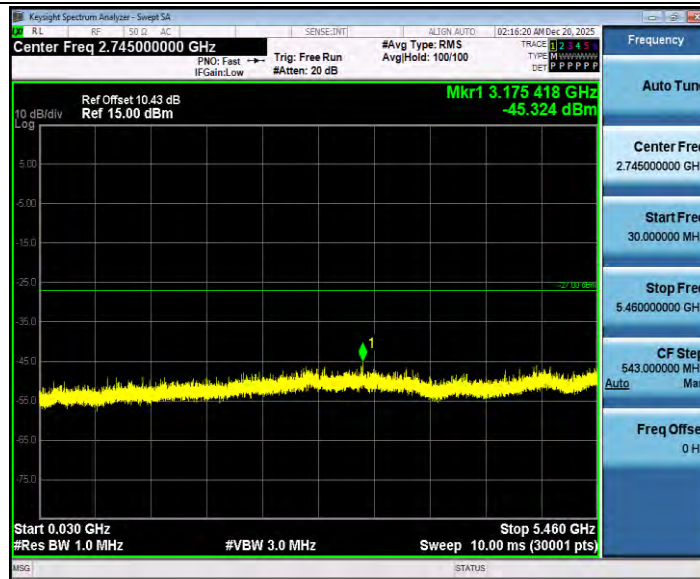
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11AC20SISO_Ant0_5580_5735~27000



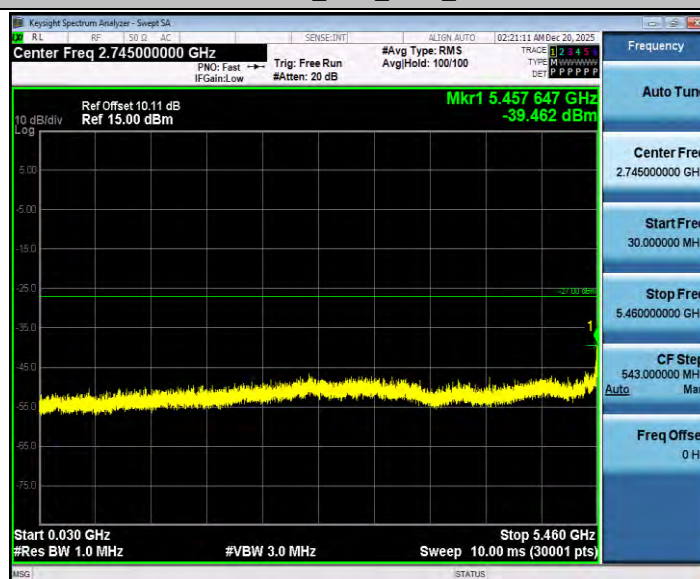
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11AC20SISO_Ant0_5700_5735~27000



11AC40SISO_Ant0_5510_30~5460



11AC40SISO_Ant0_5510_5735~27000



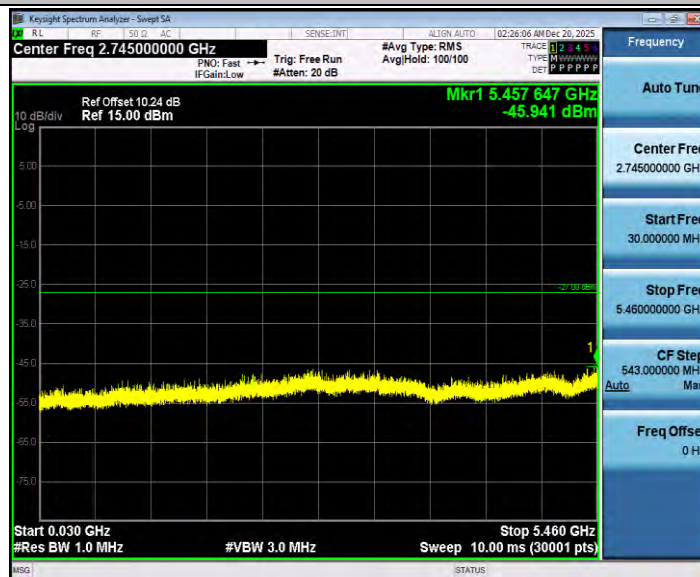
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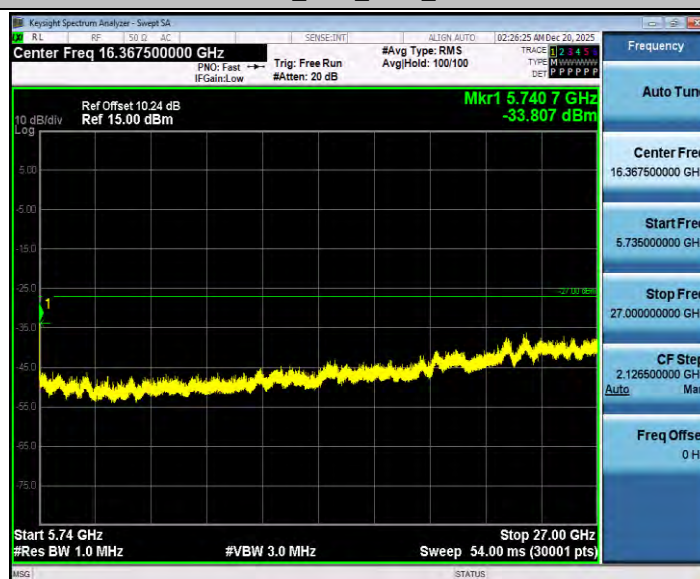
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11AC40SISO_Ant0_5670_30~5460



11AC40SISO_Ant0_5670_5735~27000



11AC80SISO_Ant0_5530_30~5460



11AC80SISO_Ant0_5530_5735~27000



11AC80SISO_Ant0_5610_30~5460



11AC80SISO_Ant0_5610_5735~27000



11AX20SISO_Ant0_5500_30~5460



11AX20SISO_Ant0_5500_5735~27000



11AX20SISO_Ant0_5580_30~5460



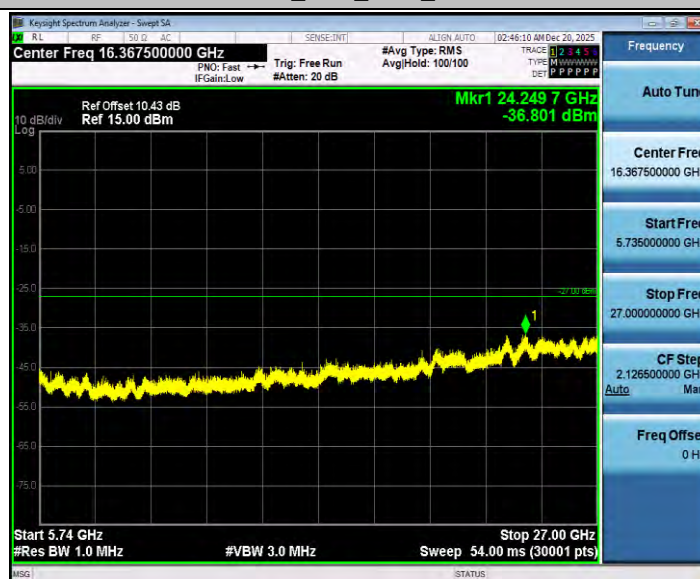
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11AX20SISO_Ant0_5700_30~5460



11AX20SISO_Ant0_5700_5735~27000



11AX40SISO_Ant0_5510_30~5460



11AX40SISO_Ant0_5510_5735~27000



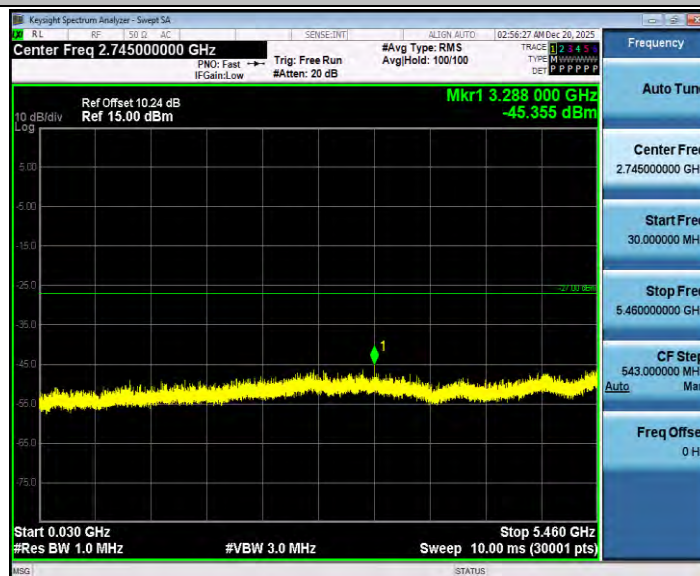
11AX40SISO_Ant0_5590_30~5460



11AX40SISO_Ant0_5590_5735~27000



11AX40SISO_Ant0_5670_30~5460



11AX40SISO_Ant0_5670_5735~27000



11AX80SISO_Ant0_5530_30~5460



11AX80SISO_Ant0_5530_5735~27000



11AX80SISO_Ant0_5610_30~5460



11AX80SISO_Ant0_5610_5735~27000

