

Appendix F.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	11.84	97.20	0.12	11.96	≤23.98	PASS
		5600	10.25	97.20	0.12	10.37	≤23.98	PASS
		5700	10.22	97.20	0.12	10.34	≤23.98	PASS
11N20SI SO	Ant1	5500	12.22	97.90	0.09	12.31	≤23.98	PASS
		5600	10.69	97.89	0.09	10.78	≤23.98	PASS
		5700	10.00	97.20	0.12	10.12	≤23.98	PASS
11N40SI SO	Ant1	5510	9.06	95.59	0.20	9.26	≤23.98	PASS
		5590	7.83	95.59	0.20	8.03	≤23.98	PASS
		5670	8.28	94.20	0.26	8.54	≤23.98	PASS
11AC20S ISO	Ant1	5500	10.55	97.04	0.13	10.68	≤23.98	PASS
		5600	8.80	97.04	0.13	8.93	≤23.98	PASS
		5700	8.29	97.04	0.13	8.42	≤23.98	PASS
11AC40S ISO	Ant1	5510	8.89	94.20	0.26	9.15	≤23.98	PASS
		5590	7.95	95.65	0.19	8.14	≤23.98	PASS
		5670	8.23	95.65	0.19	8.42	≤23.98	PASS
11AC80S ISO	Ant1	5530	6.51	88.89	0.51	7.02	≤23.98	PASS
		5610	5.44	88.89	0.51	5.95	≤23.98	PASS
11AX20SI SO	Ant1	5500	9.74	96.19	0.17	9.91	≤23.98	PASS
		5600	8.42	96.19	0.17	8.59	≤23.98	PASS
		5700	7.66	97.12	0.13	7.79	≤23.98	PASS
11AX40SI SO	Ant1	5510	9.25	92.98	0.32	9.57	≤23.98	PASS
		5590	8.25	94.74	0.23	8.48	≤23.98	PASS
		5670	8.49	92.98	0.32	8.81	≤23.98	PASS
11AX80SI SO	Ant1	5530	4.73	50.30	2.98	7.71	≤23.98	PASS
		5610	5.66	50.49	2.97	8.63	≤23.98	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the data.

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	0.88	≤11.00	PASS
		5600	-0.61	≤11.00	PASS
		5700	-0.86	≤11.00	PASS
11N20SISO	Ant1	5500	1.00	≤11.00	PASS
		5600	-0.33	≤11.00	PASS
		5700	-0.96	≤11.00	PASS
11N40SISO	Ant1	5510	-3.98	≤11.00	PASS
		5590	-5.05	≤11.00	PASS
		5670	-4.51	≤11.00	PASS
11AC20SISO	Ant1	5500	-0.90	≤11.00	PASS
		5600	-2.40	≤11.00	PASS
		5700	-2.75	≤11.00	PASS
11AC40SISO	Ant1	5510	-3.99	≤11.00	PASS
		5590	-4.94	≤11.00	PASS
		5670	-4.77	≤11.00	PASS
11AC80SISO	Ant1	5530	-8.86	≤11.00	PASS
		5610	-9.98	≤11.00	PASS
11AX20SISO	Ant1	5500	-2.07	≤11.00	PASS
		5600	-3.21	≤11.00	PASS
		5700	-4.12	≤11.00	PASS
11AX40SISO	Ant1	5510	-4.04	≤11.00	PASS
		5590	-5.01	≤11.00	PASS
		5670	-4.68	≤11.00	PASS
11AX80SISO	Ant1	5530	-8.56	≤11.00	PASS
		5610	-8.01	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs

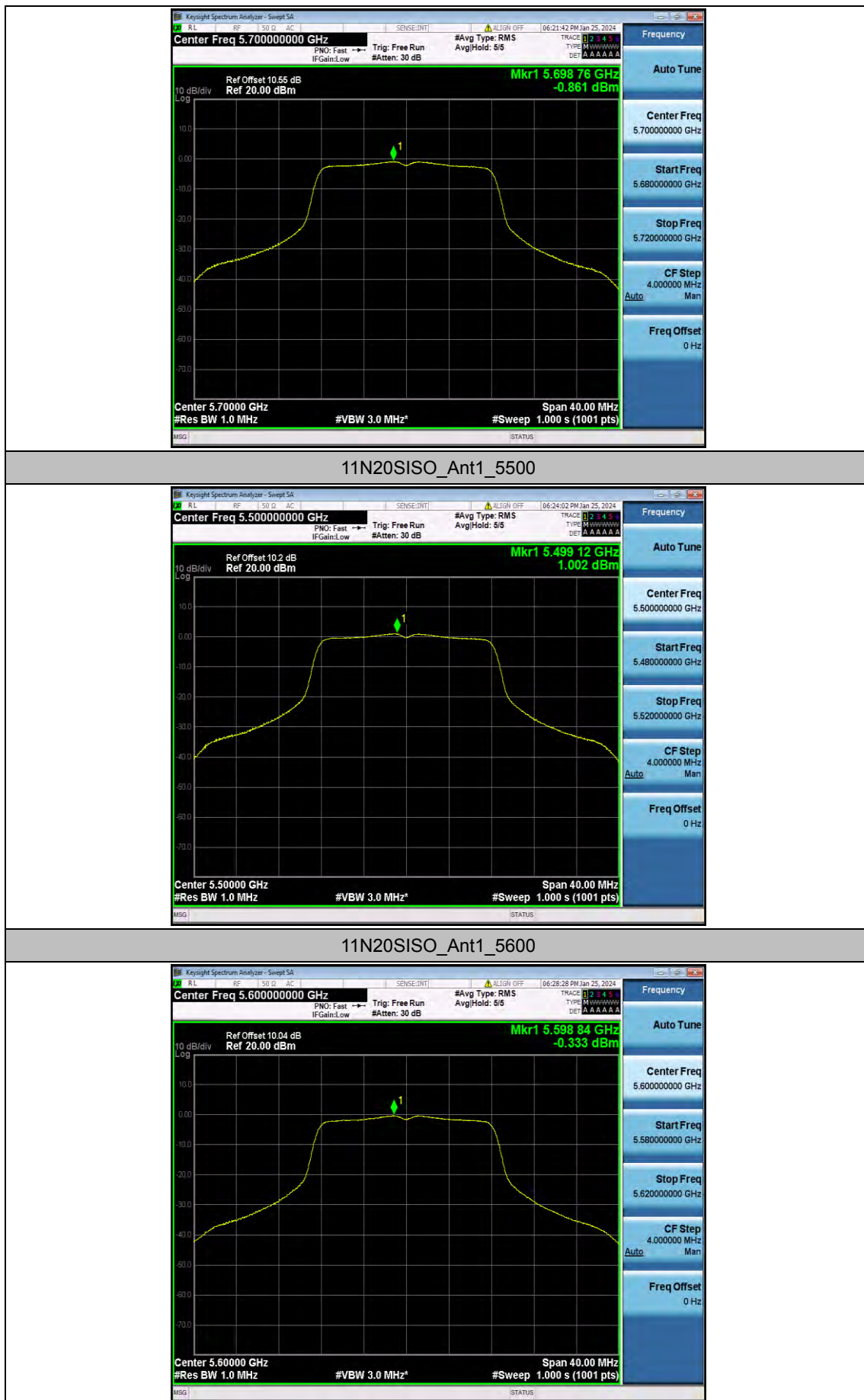
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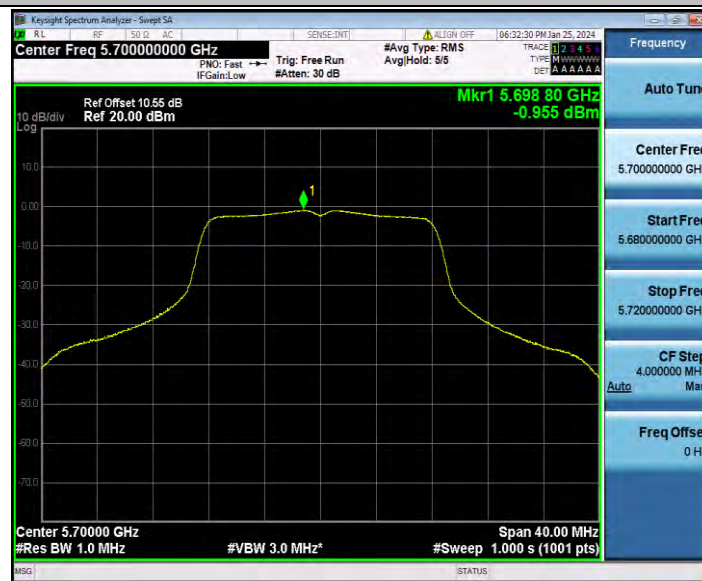
11A_Ant1_5600



11A_Ant1_5700



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



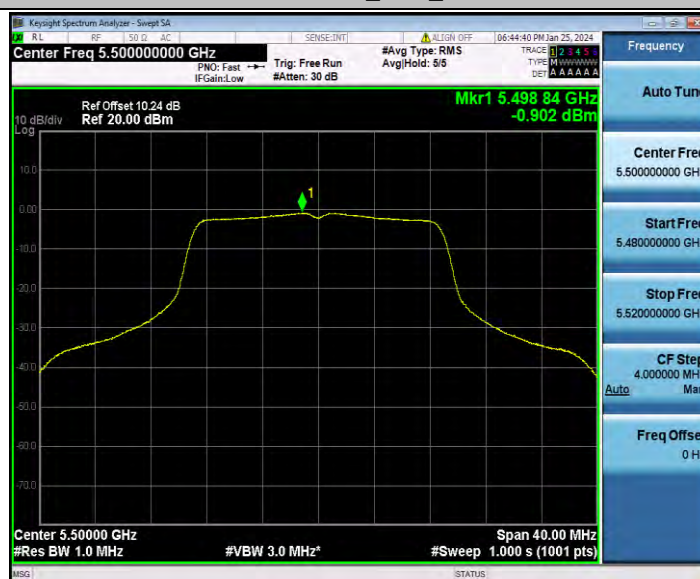
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



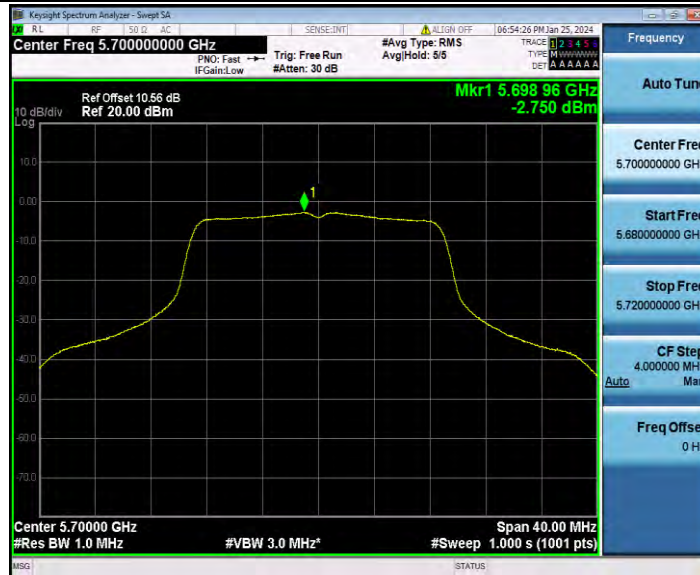
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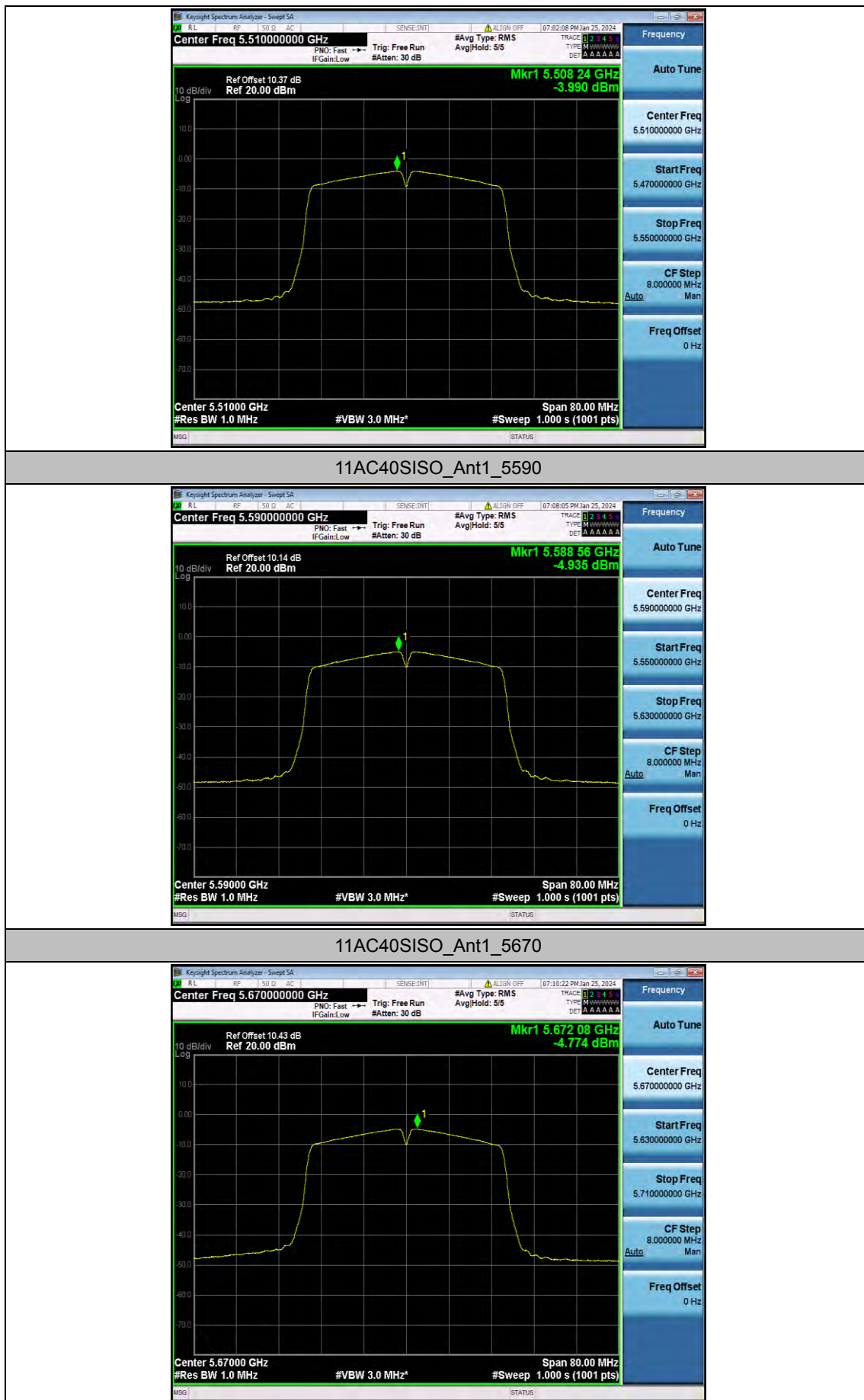
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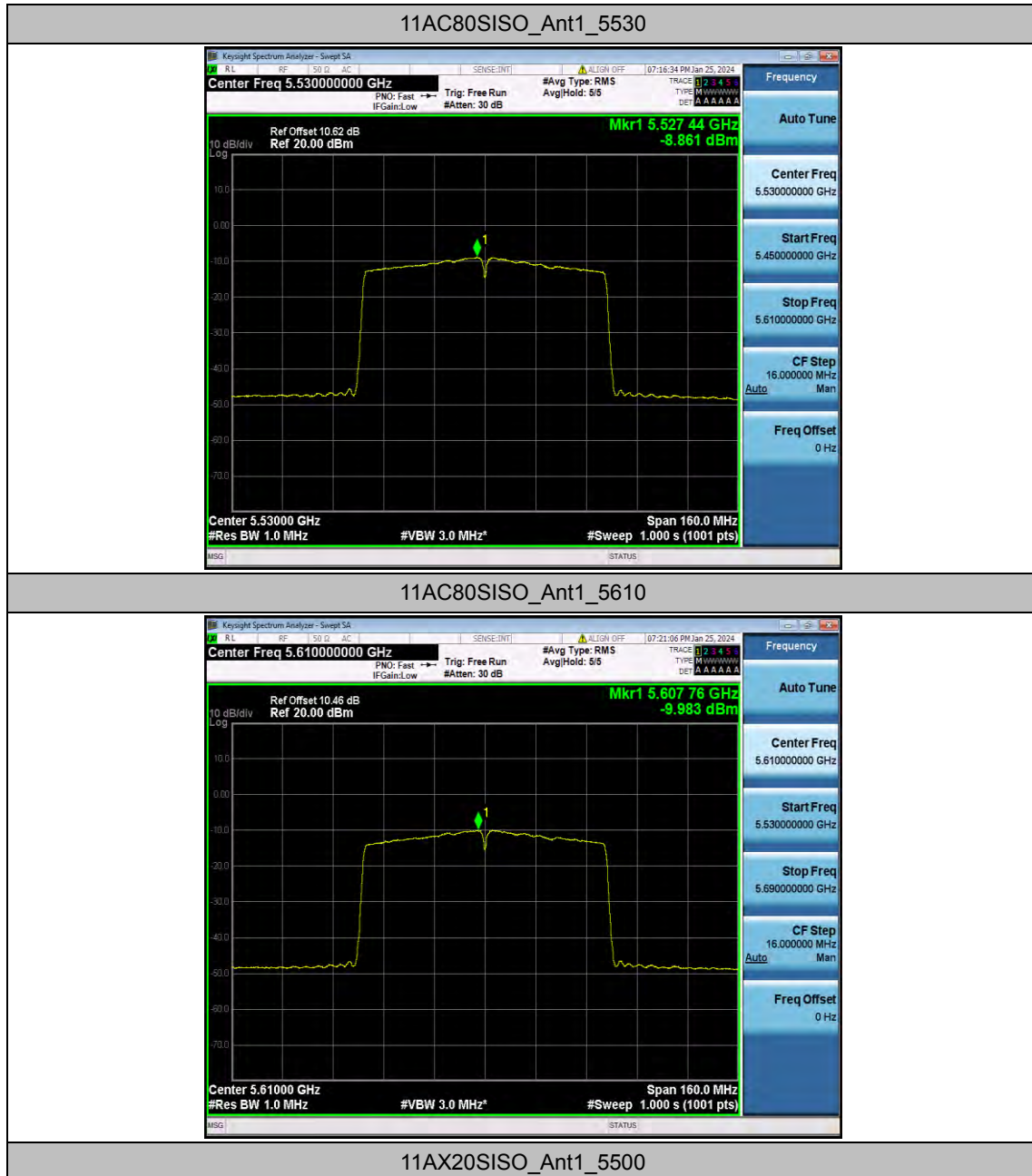


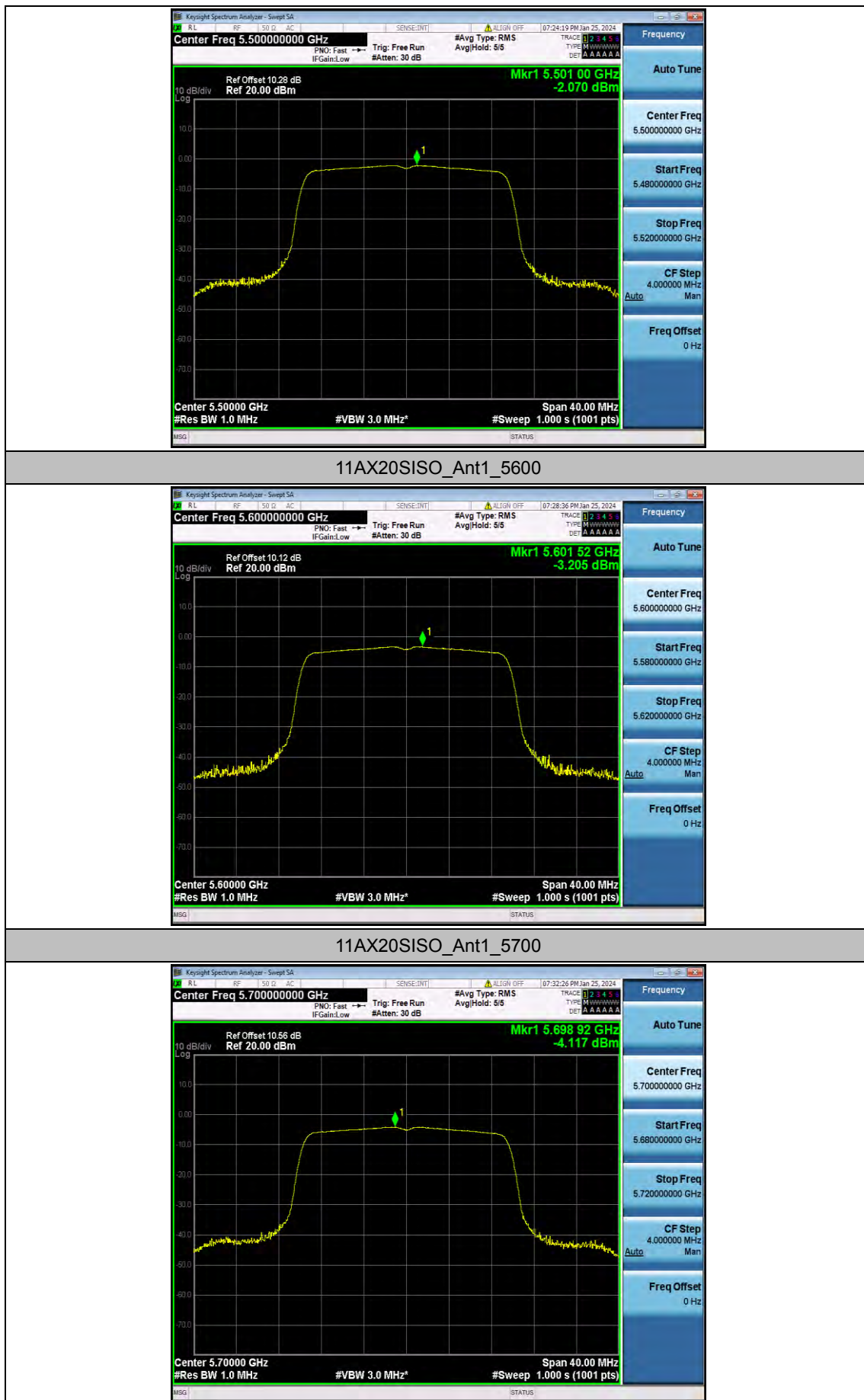
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510







11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

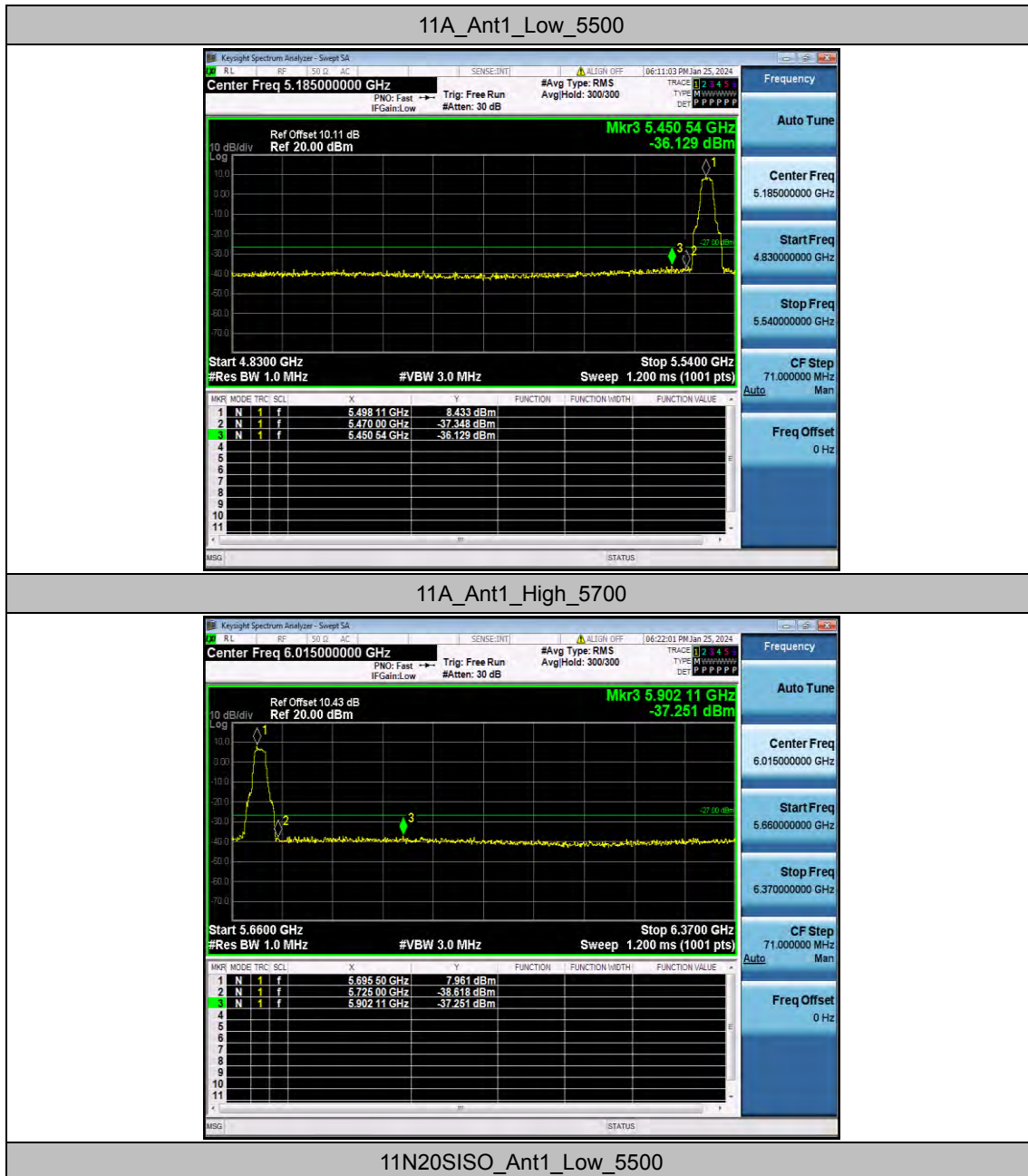


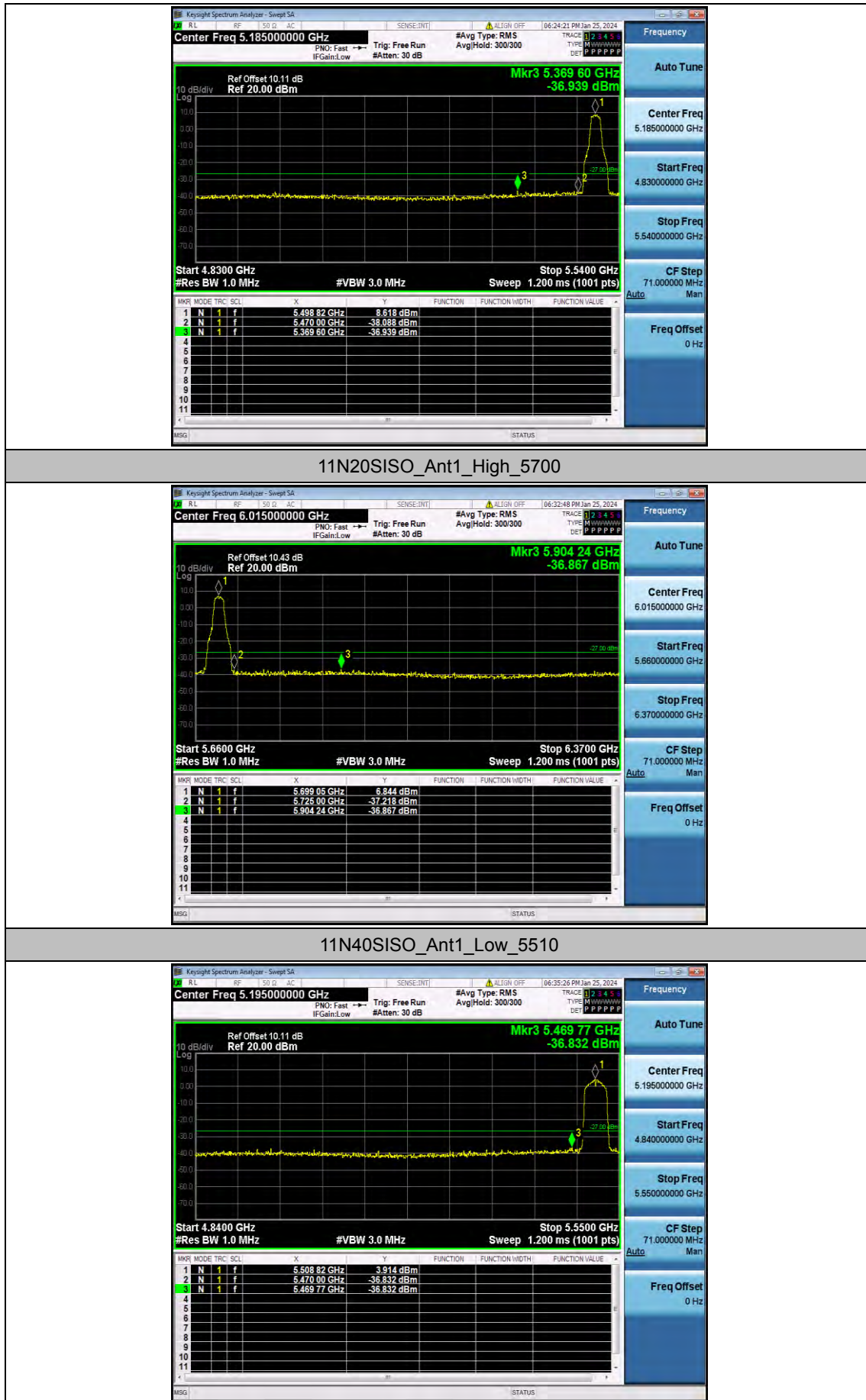
Appendix F.6: Band edge measurements

Test Result B3

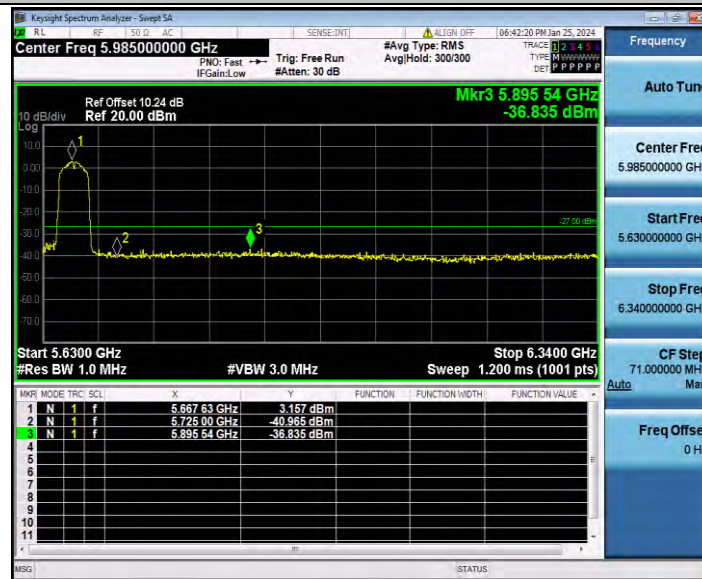
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.13	≤ -27	PASS
		High	5700	-37.25	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-36.94	≤ -27	PASS
		High	5700	-36.87	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-36.83	≤ -27	PASS
		High	5670	-36.84	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-37.24	≤ -27	PASS
		High	5700	-36.8	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-37.2	≤ -27	PASS
		High	5670	-37.68	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-37.58	≤ -27	PASS
		High	5610	-37.67	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-36.82	≤ -27	PASS
		High	5700	-36.39	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-37.1	≤ -27	PASS
		High	5670	-35.62	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-36.54	≤ -27	PASS
		High	5610	-37.07	≤ -27	PASS

Test Graphs B3

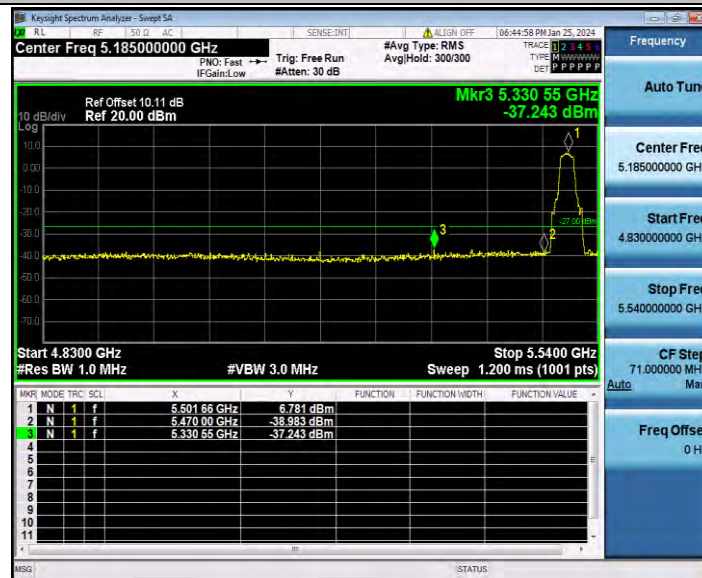




11N40SISO_Ant1_High_5670



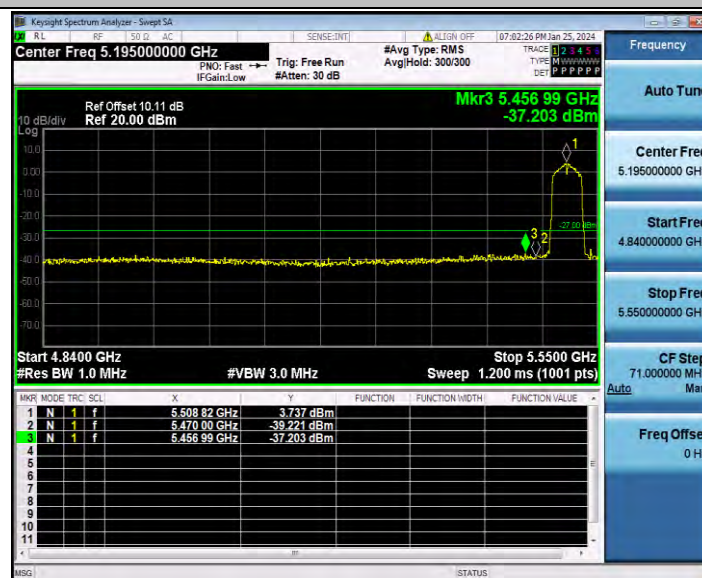
11AC20SISO_Ant1_Low_5500



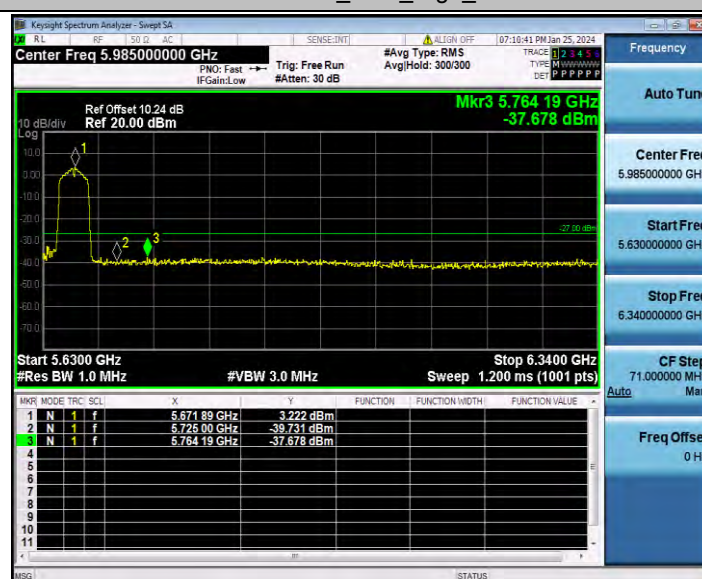
11AC20SISO_Ant1_High_5700



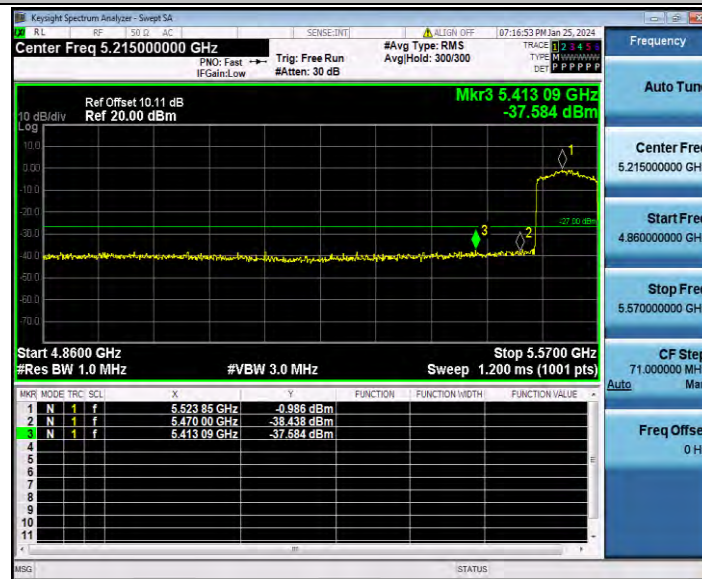
11AC40SISO_Ant1_Low_5510



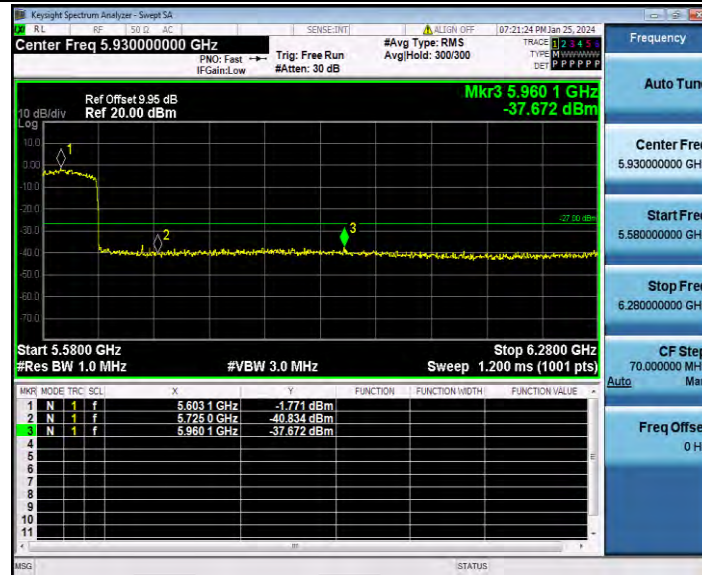
11AC40SISO_Ant1_High_5670



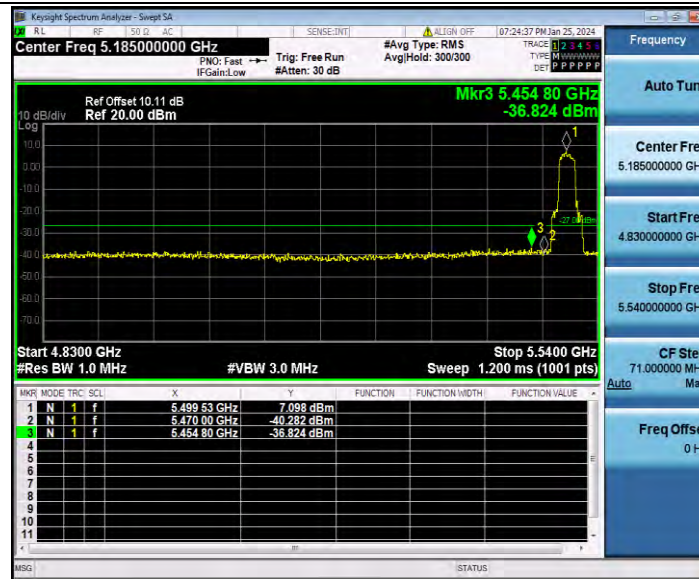
11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



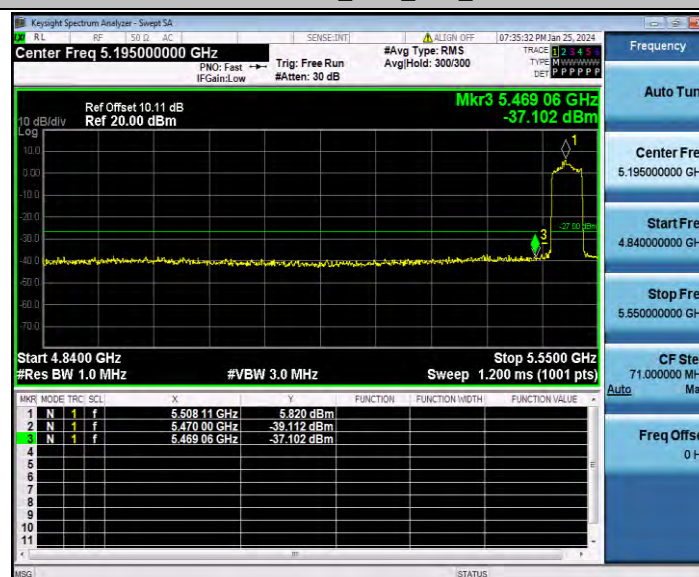
11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



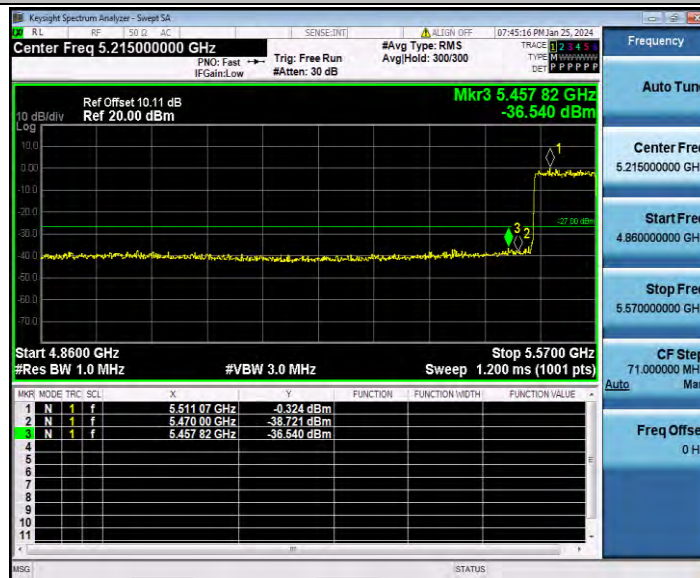
11AX40SISO_Ant1_Low_5510



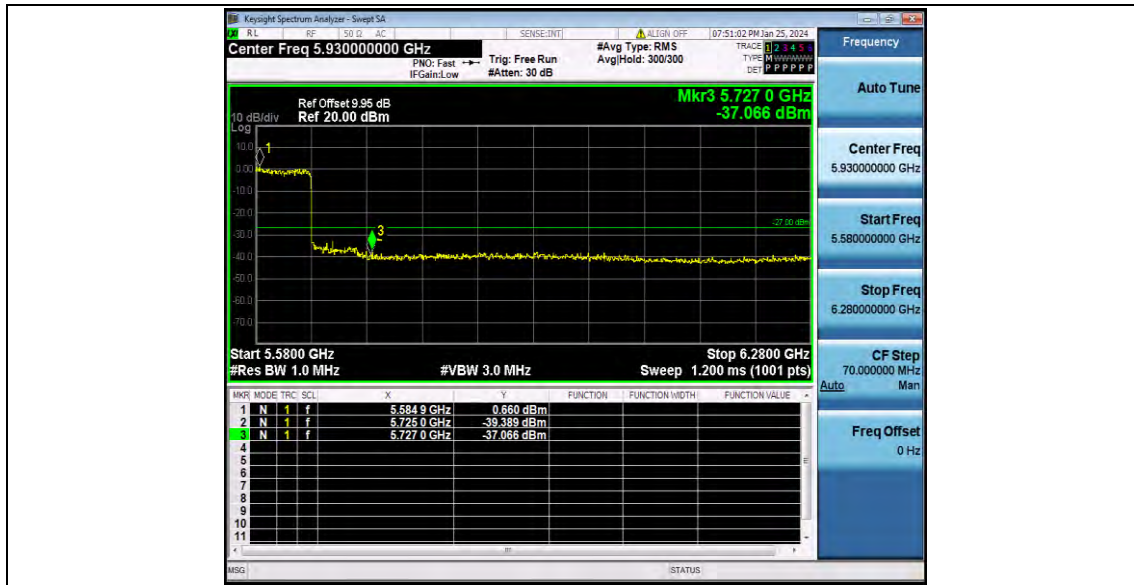
11AX40SISO_Ant1_High_5670



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	5456.74	-42.94	≤-27	PASS
			5735~40000	26023.94	-37.25	≤-27	PASS
		5600	30~5460	1727.6	-41.23	≤-27	PASS
			5735~40000	26052.29	-37.92	≤-27	PASS
		5700	30~5460	5446.06	-46.02	≤-27	PASS
			5735~40000	24147.65	-36.57	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5458.55	-40.84	≤-27	PASS
			5735~40000	24206.49	-37.37	≤-27	PASS
		5600	30~5460	5456.56	-45.86	≤-27	PASS
			5735~40000	26855.4	-37.12	≤-27	PASS
		5700	30~5460	5404.43	-45.7	≤-27	PASS
			5735~40000	25624.15	-37.21	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5460	-44.09	≤-27	PASS
			5735~40000	25531.3	-36.89	≤-27	PASS
		5590	30~5460	5454.03	-46.01	≤-27	PASS
			5735~40000	24298.64	-37.42	≤-27	PASS
		5670	30~5460	5218	-44.49	≤-27	PASS
			5735~40000	23489.86	-37.39	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5436.83	-43.08	≤-27	PASS
			5735~40000	24709.05	-37.33	≤-27	PASS
		5600	30~5460	2335.04	-36.03	≤-27	PASS
			5735~40000	25065.59	-37.27	≤-27	PASS
		5700	30~5460	2474.22	-45.66	≤-27	PASS
			5735~40000	24193.02	-36.95	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5444.8	-43.77	≤-27	PASS
			5735~40000	24237.68	-37.4	≤-27	PASS
		5590	30~5460	5437.38	-45.44	≤-27	PASS
			5735~40000	24322.74	-37.13	≤-27	PASS
		5670	30~5460	4926.05	-45.66	≤-27	PASS
			5735~40000	24175.3	-36.91	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5454.03	-44.14	≤-27	PASS
			5735~40000	26084.9	-37.17	≤-27	PASS
		5610	30~5460	5457.83	-45.9	≤-27	PASS
			5735~40000	24232.71	-37.7	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5456.2	-43.14	≤-27	PASS
			5735~40000	26806.49	-37.3	≤-27	PASS

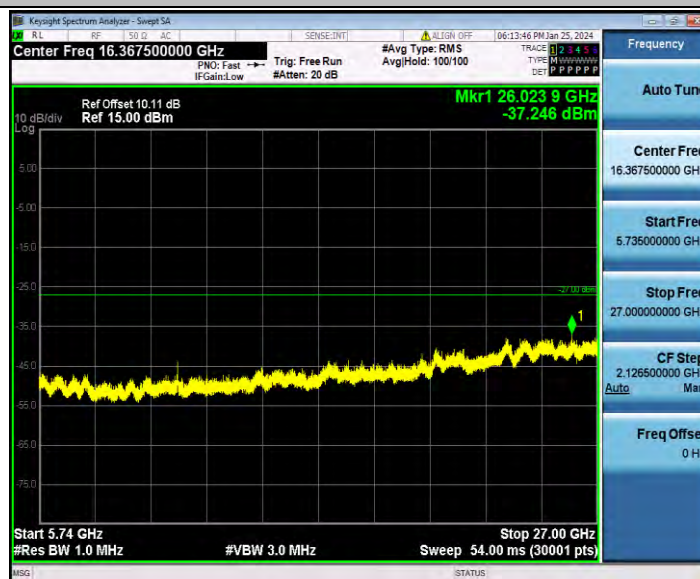
		5600	30~5460	5332.4	-45.59	≤ -27	PASS
			5735~40000	26759.71	-36.82	≤ -27	PASS
		5700	30~5460	5432.13	-45.92	≤ -27	PASS
			5735~40000	24223.5	-37.72	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5441.36	-43.8	≤ -27	PASS
			5735~40000	26573.99	-36.98	≤ -27	PASS
		5590	30~5460	5450.95	-46	≤ -27	PASS
			5735~40000	24268.16	-37.12	≤ -27	PASS
		5670	30~5460	5035.19	-45.26	≤ -27	PASS
			5735~40000	25554.69	-37.08	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5432.13	-41.75	≤ -27	PASS
			5735~40000	26484.68	-37.52	≤ -27	PASS
		5610	30~5460	5438.82	-45.62	≤ -27	PASS
			5735~40000	26902.89	-37.62	≤ -27	PASS

Test Graphs

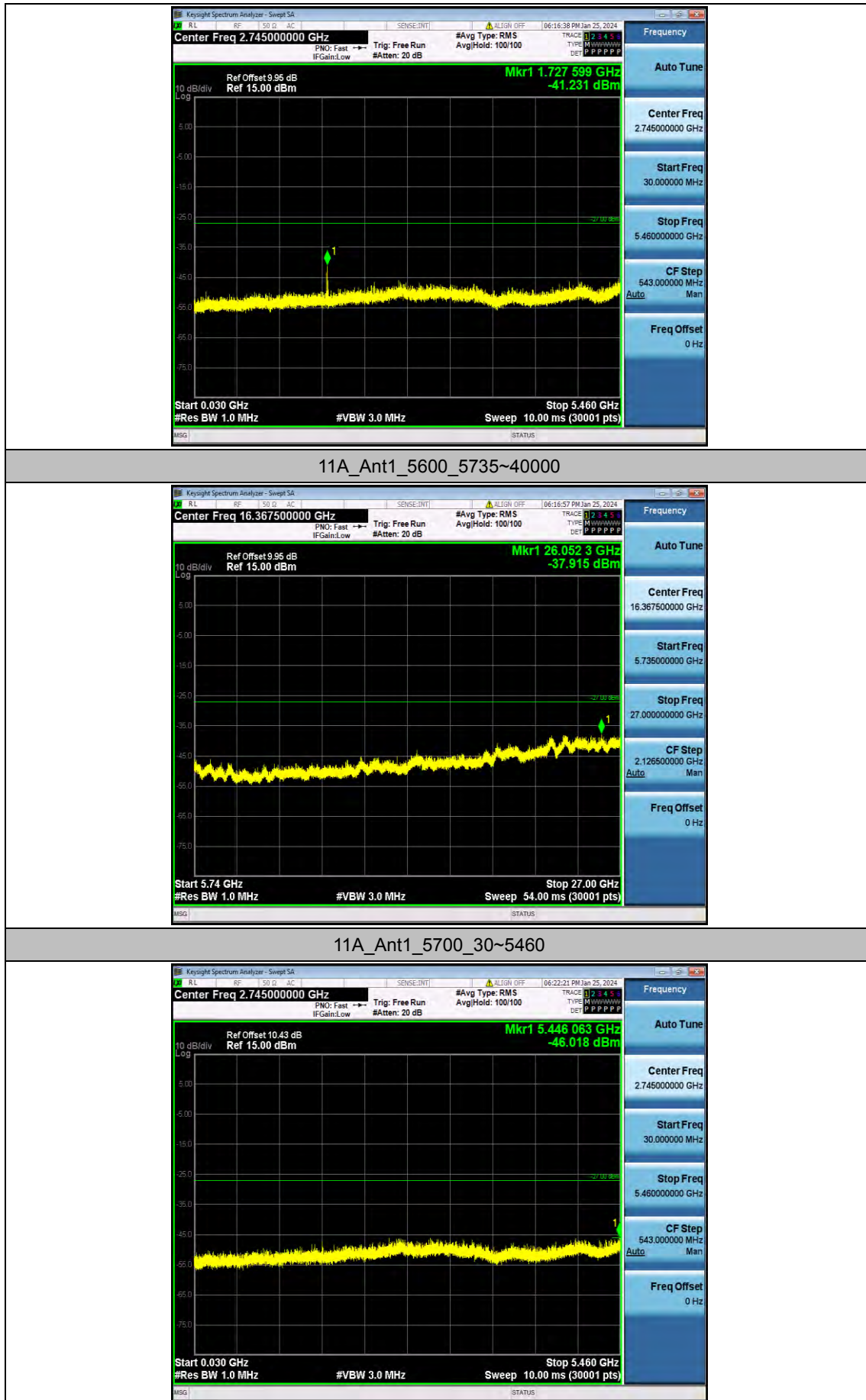
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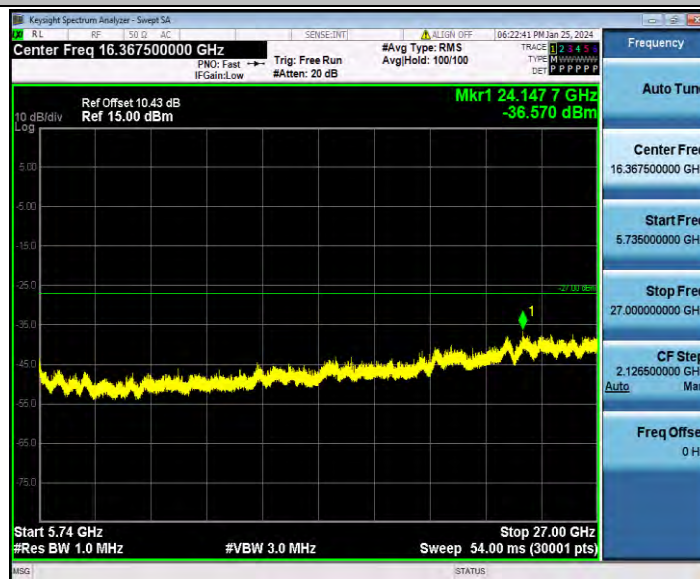
11A_Ant1_5500_5735~40000



11A_Ant1_5600_30~5460



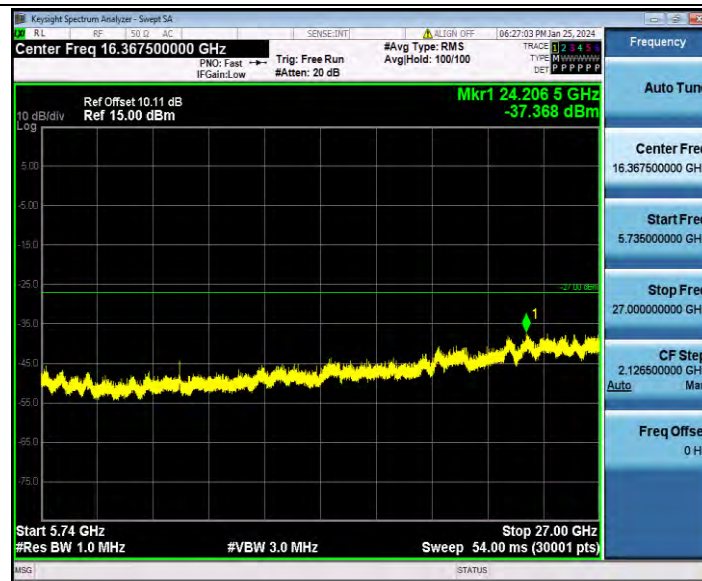
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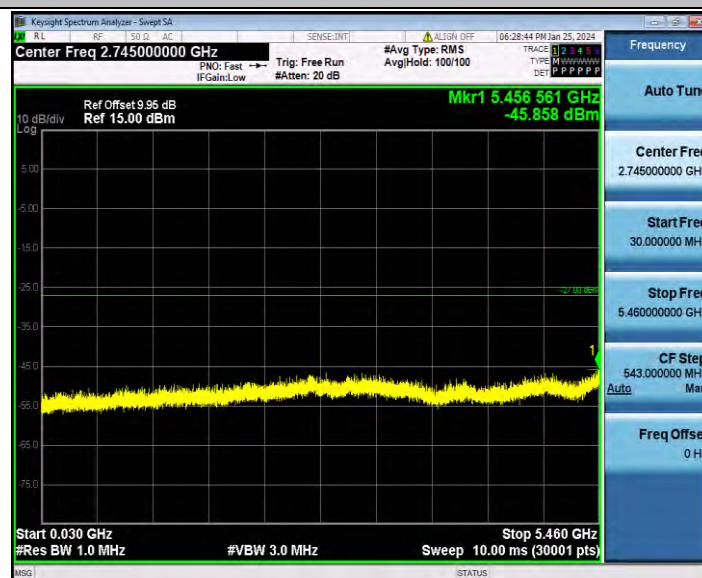
11N20SISO_Ant1_5500_30~5460



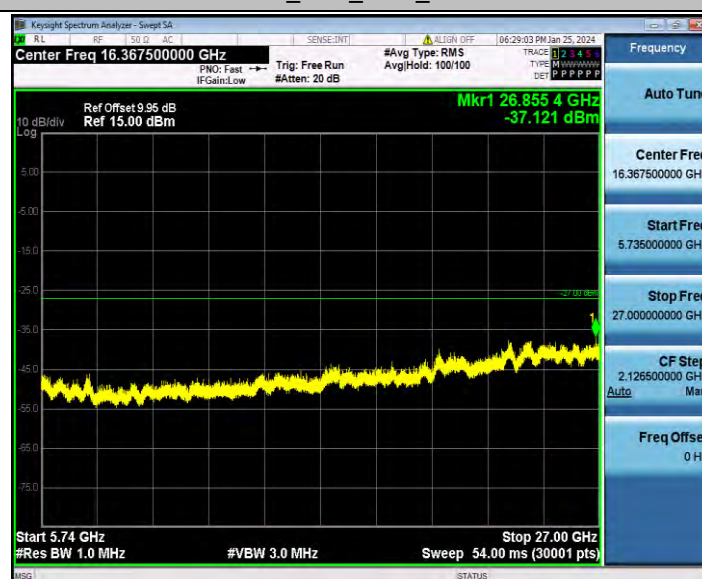
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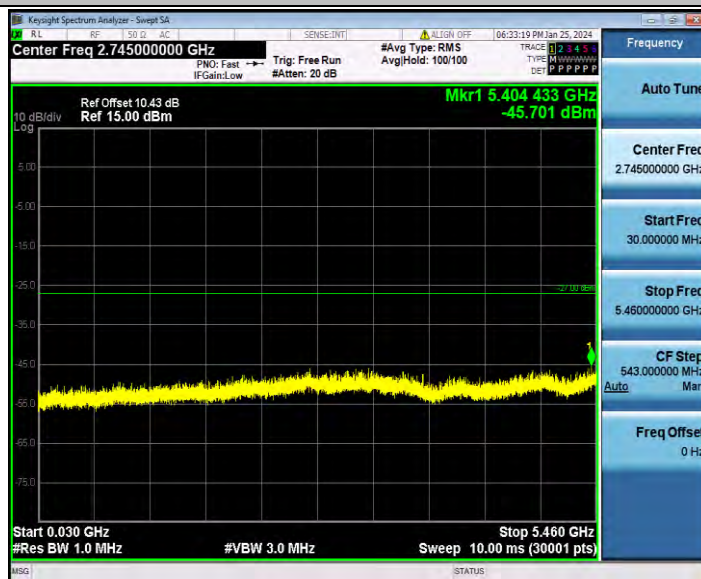
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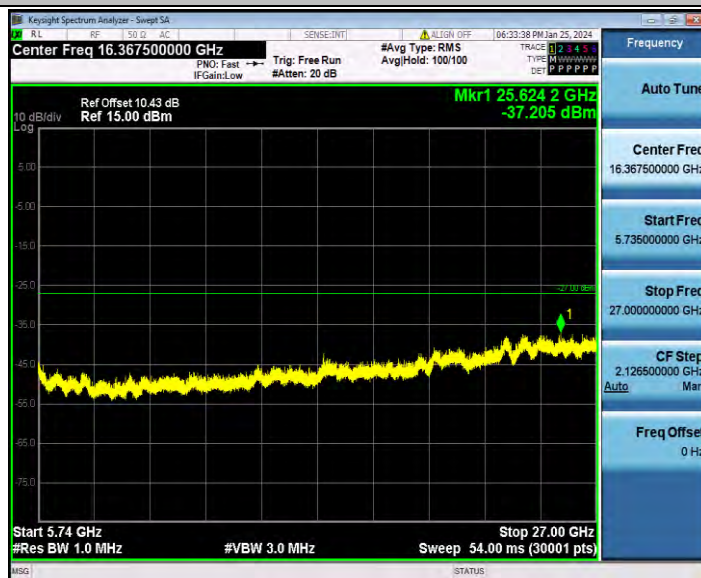
11N20SISO_Ant1_5600_5735~40000



11N20SISO_Ant1_5700_30~5460



11N20SISO_Ant1_5700_5735~40000



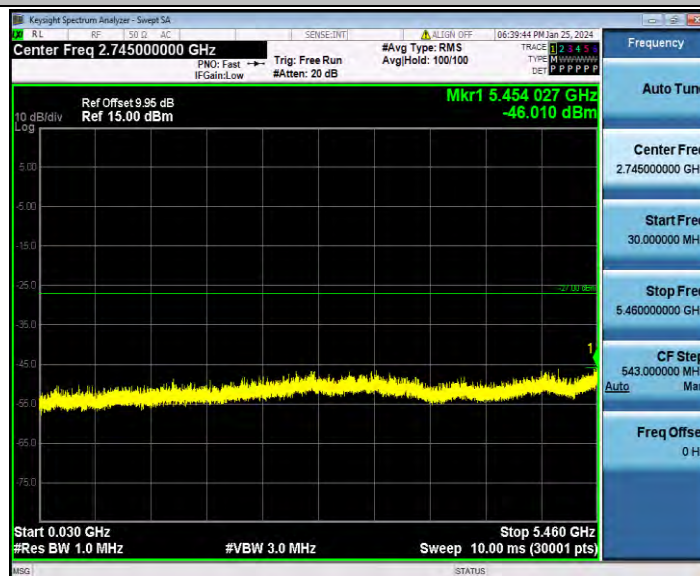
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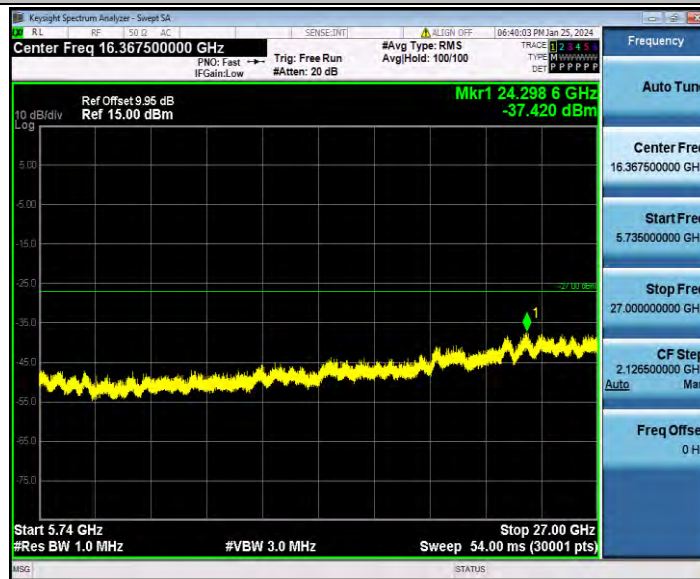
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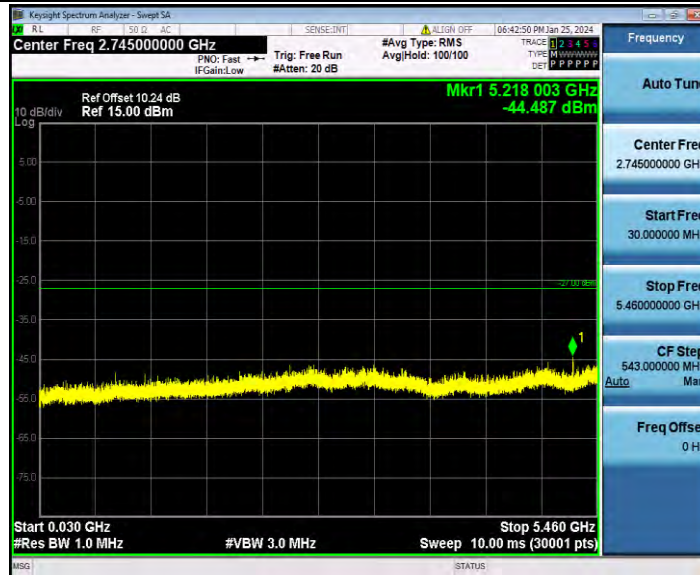
11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~40000



11N40SISO_Ant1_5670_30~5460



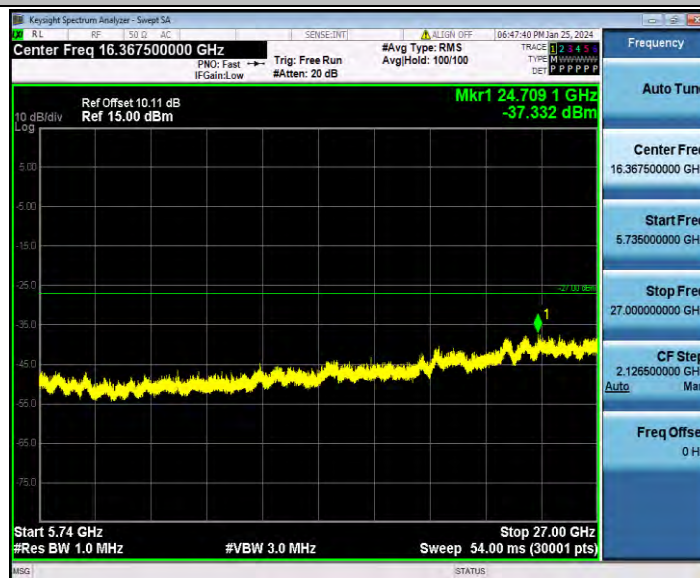
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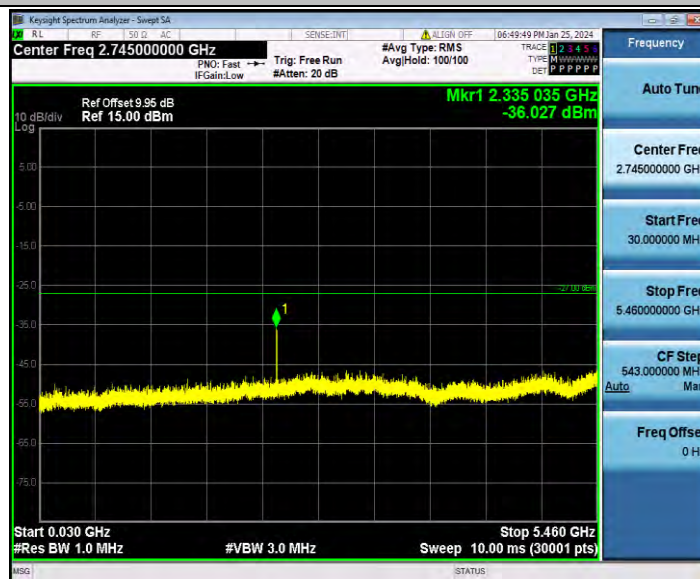
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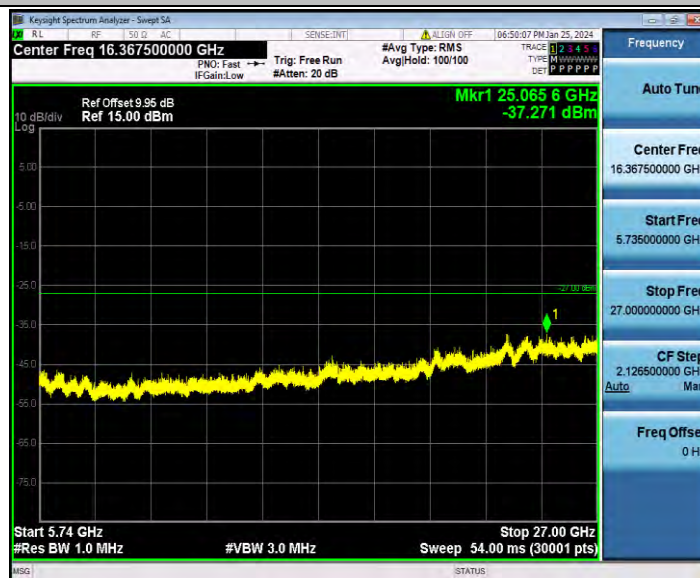
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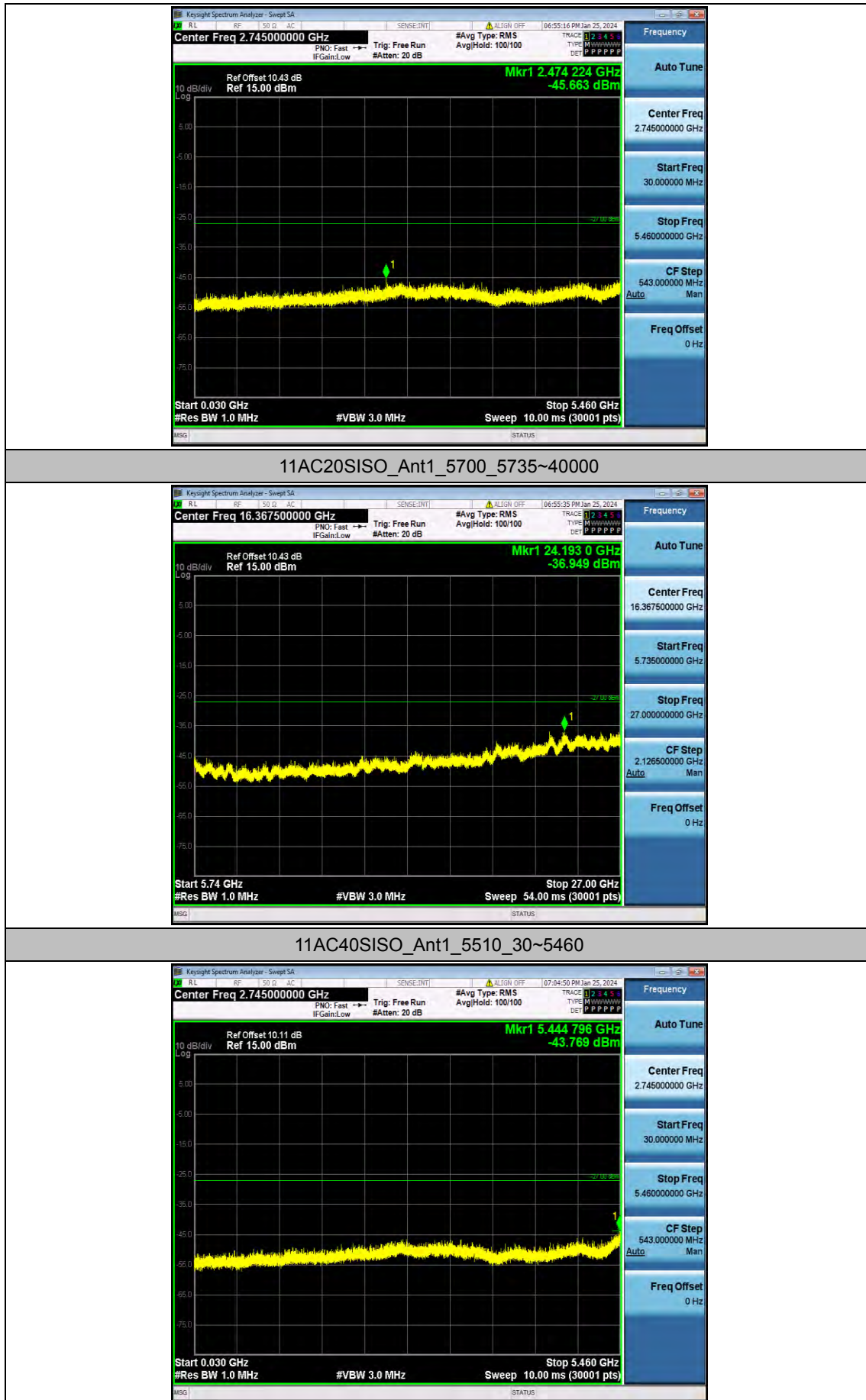
11AC20SISO_Ant1_5600_30~5460

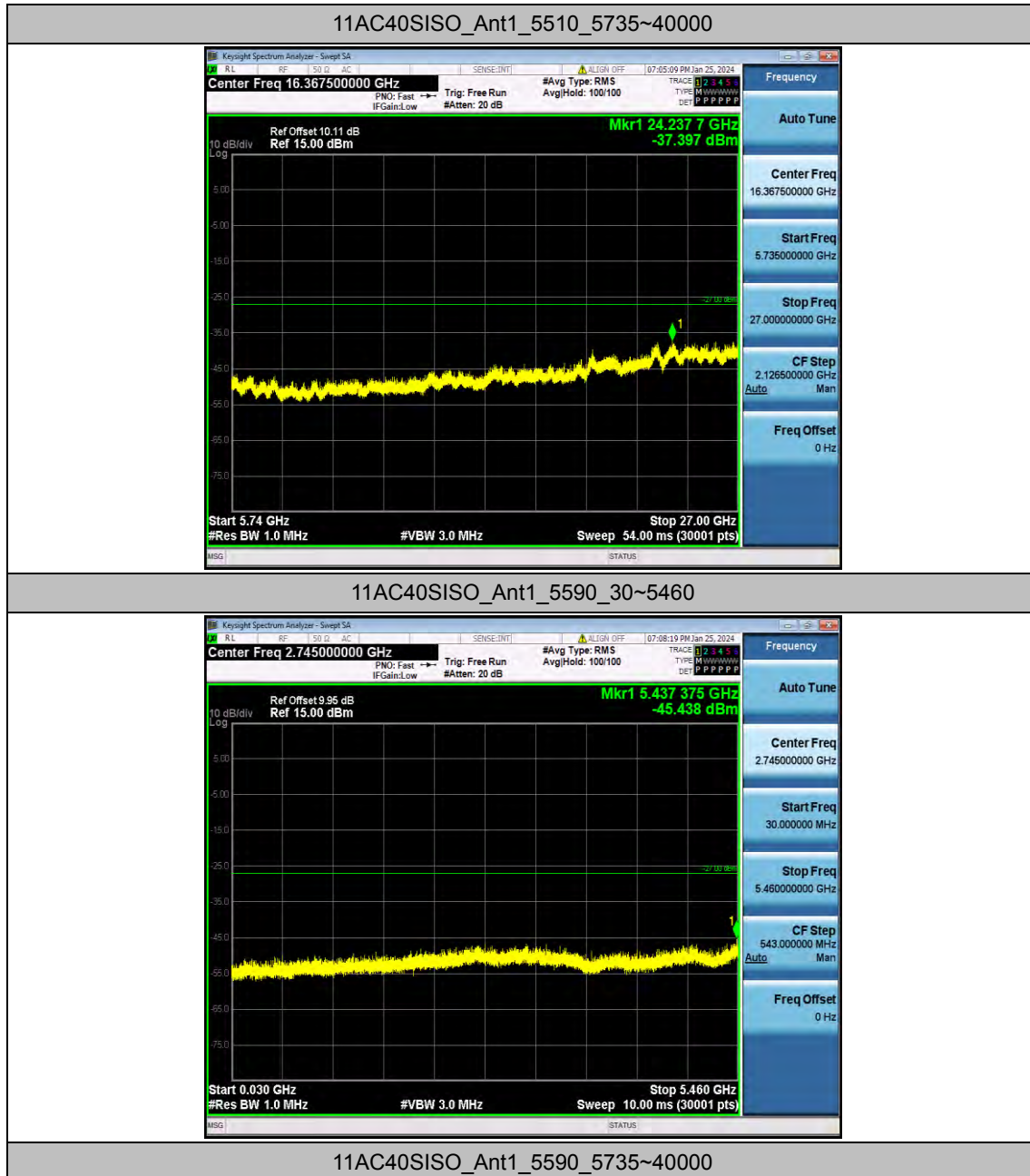


11AC20SISO_Ant1_5600_5735~40000



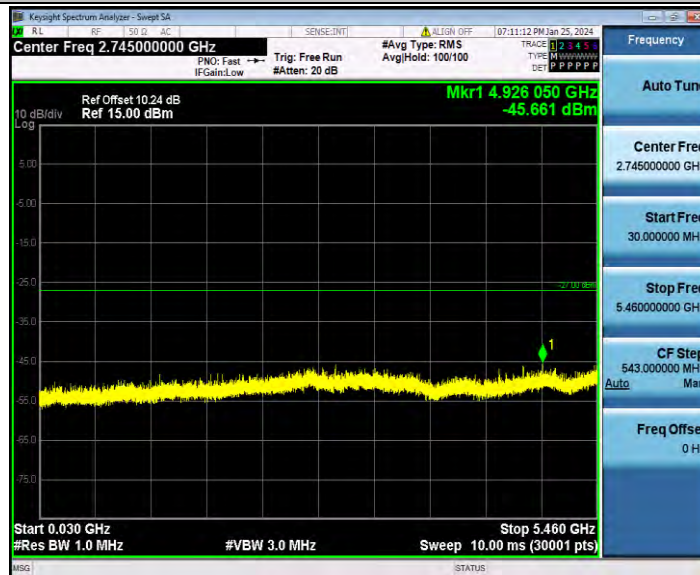
11AC20SISO_Ant1_5700_30~5460



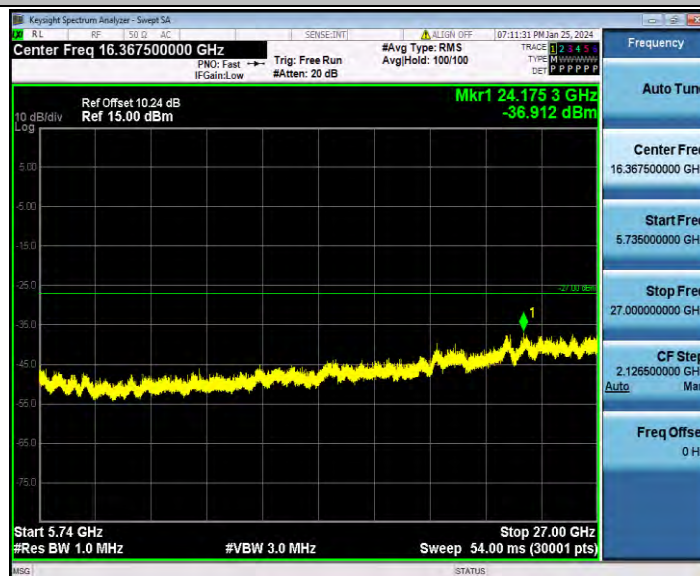




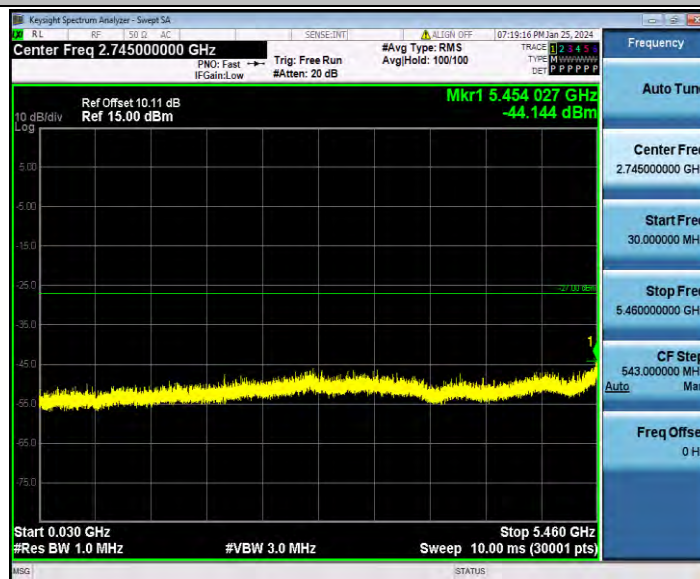
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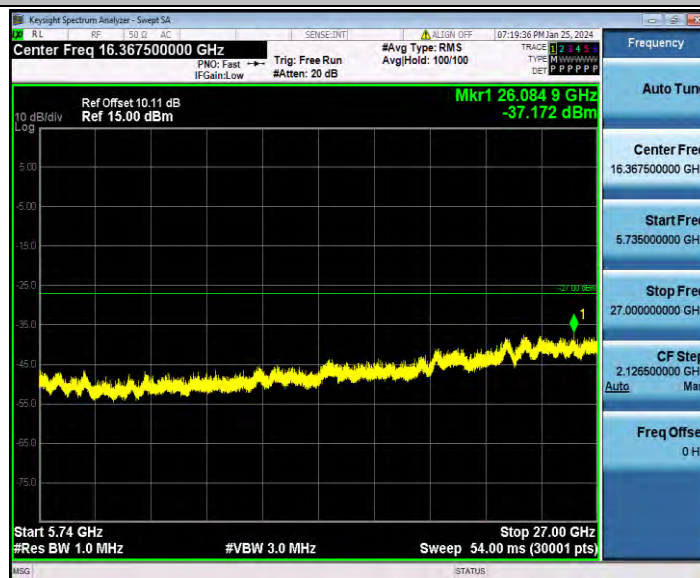
11AC40SISO_Ant1_5670_5735~40000



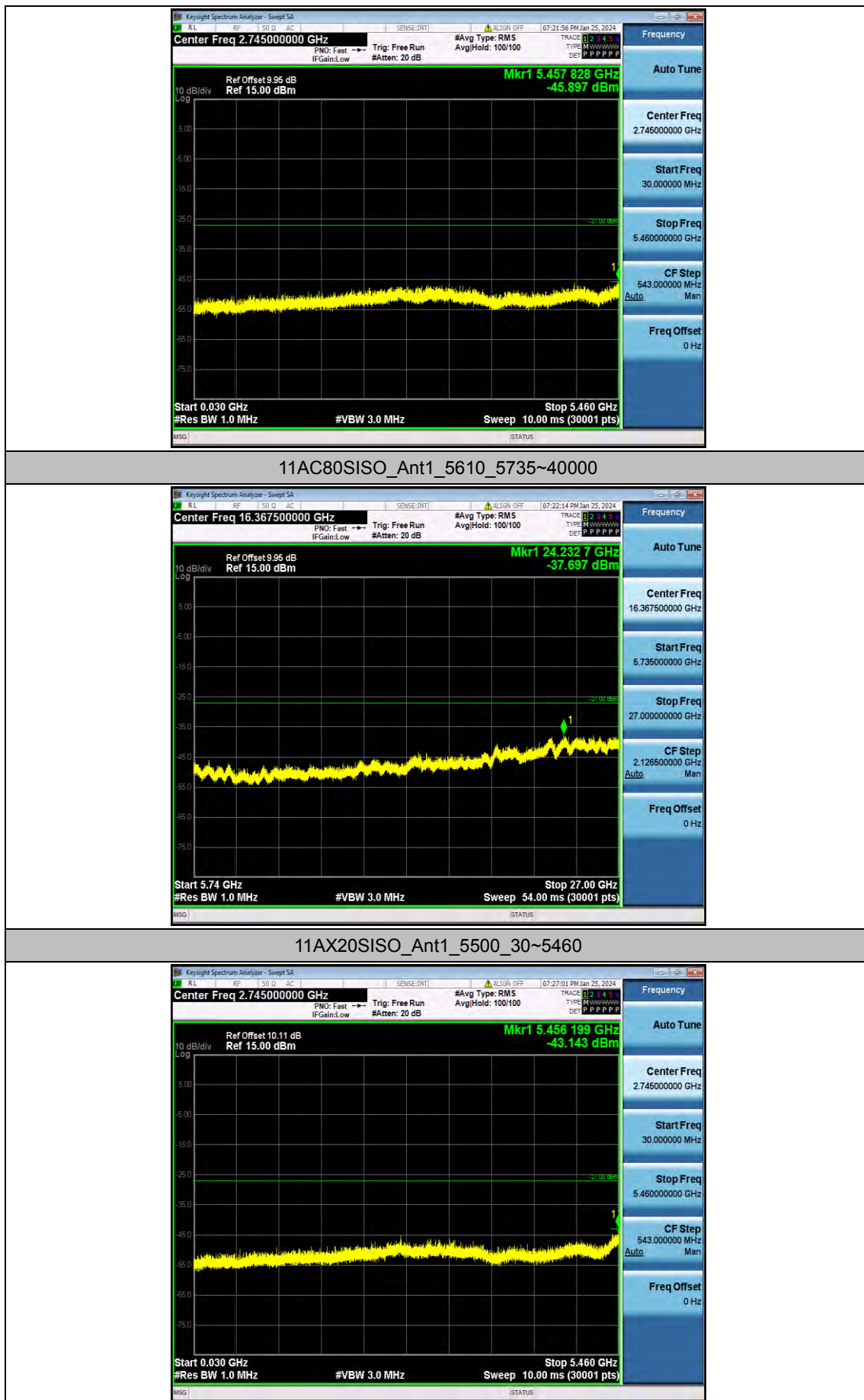
11AC80SISO_Ant1_5530_30~5460



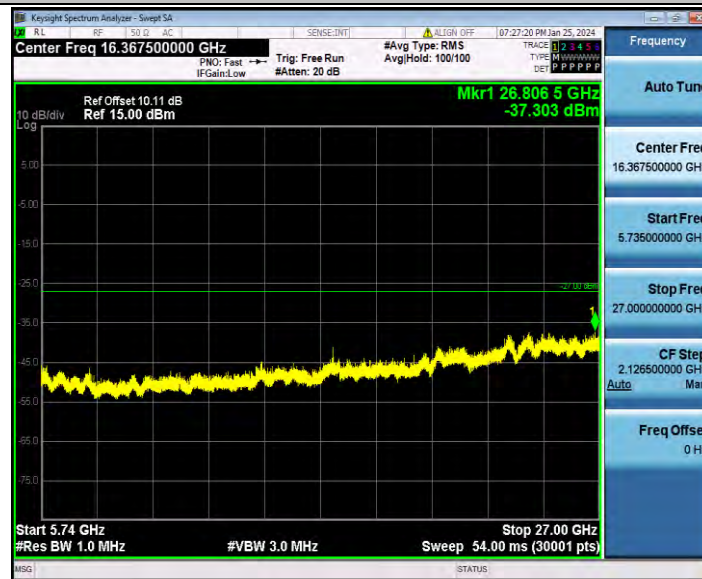
11AC80SISO_Ant1_5530_5735~40000



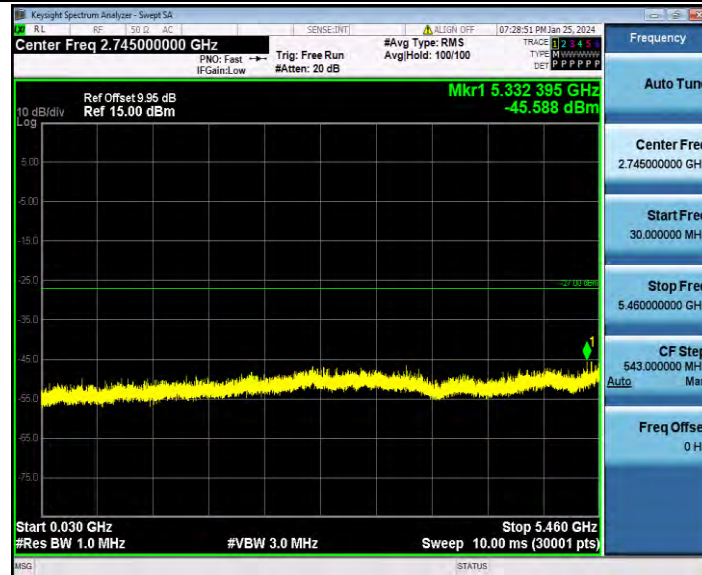
11AC80SISO_Ant1_5610_30~5460



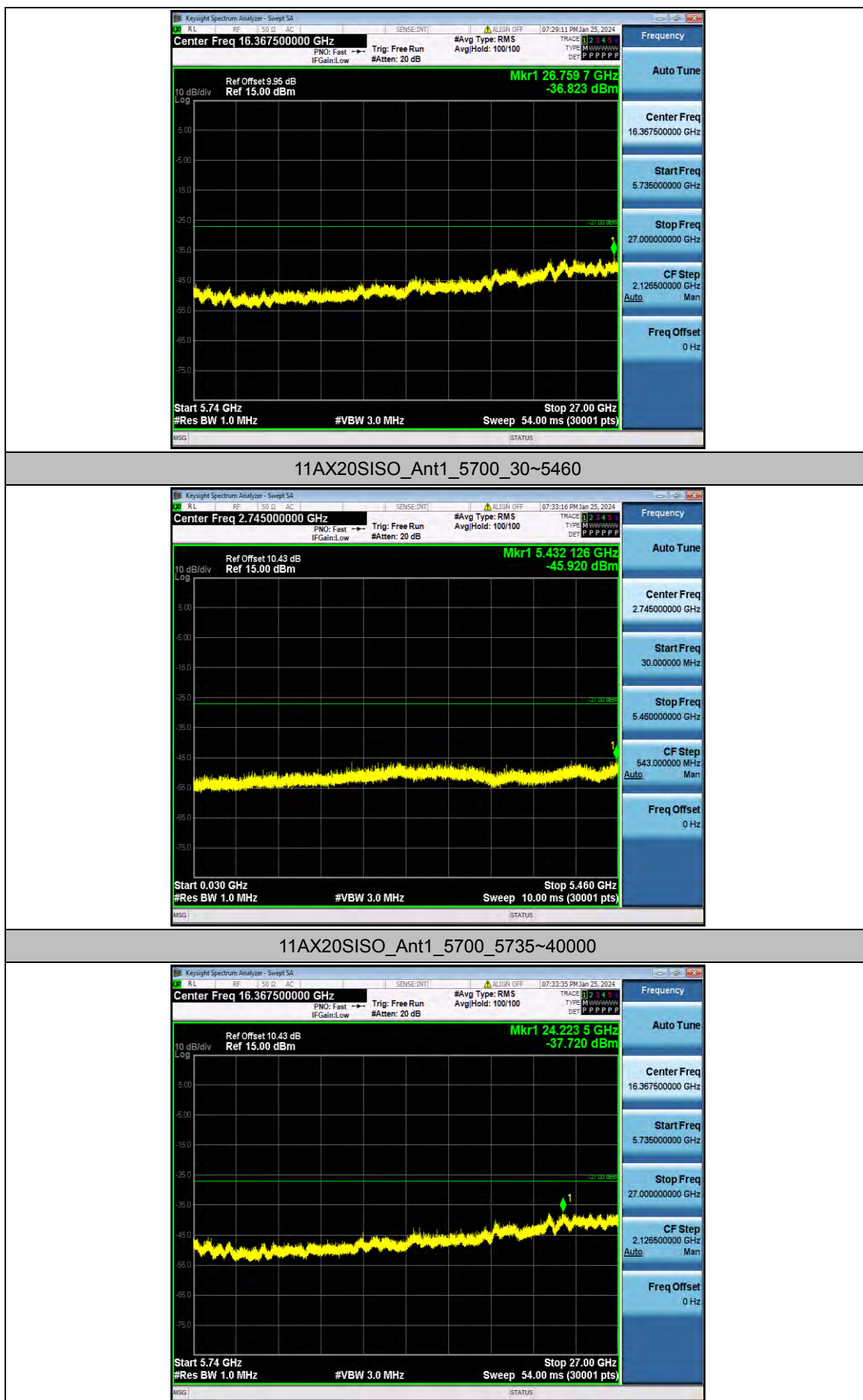
11AX20SISO_Ant1_5500_5735~40000



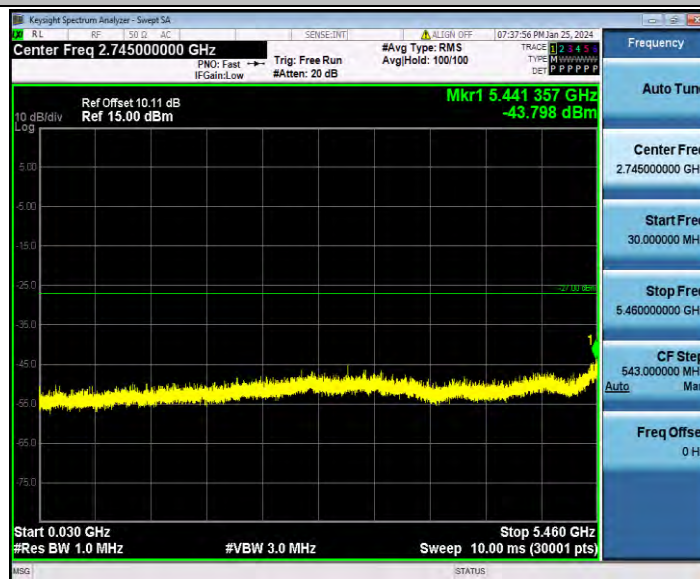
11AX20SISO_Ant1_5600_30~5460



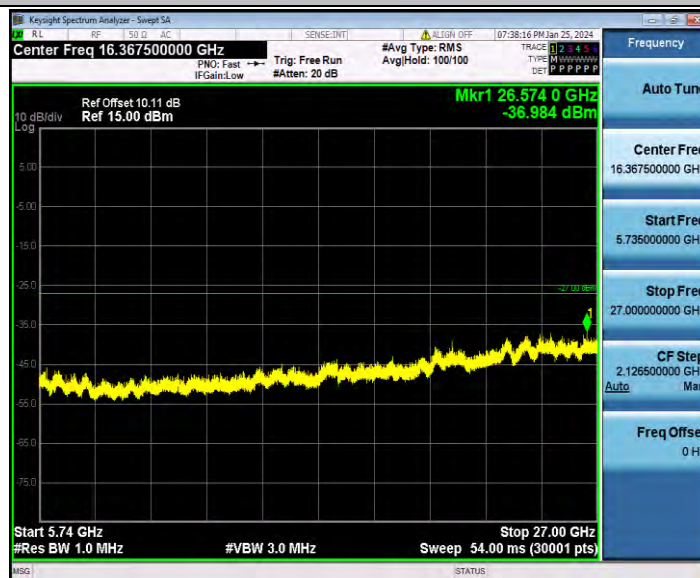
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11AX40SISO_Ant1_5510_30~5460



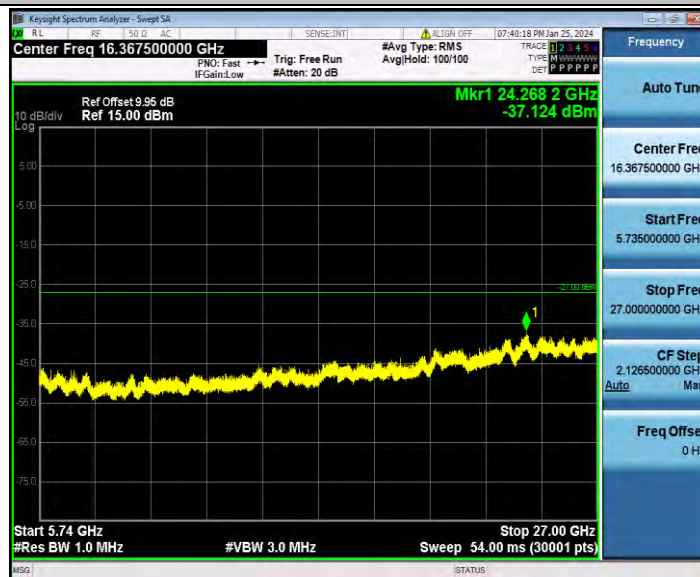
11AX40SISO_Ant1_5510_5735~40000



11AX40SISO_Ant1_5590_30~5460



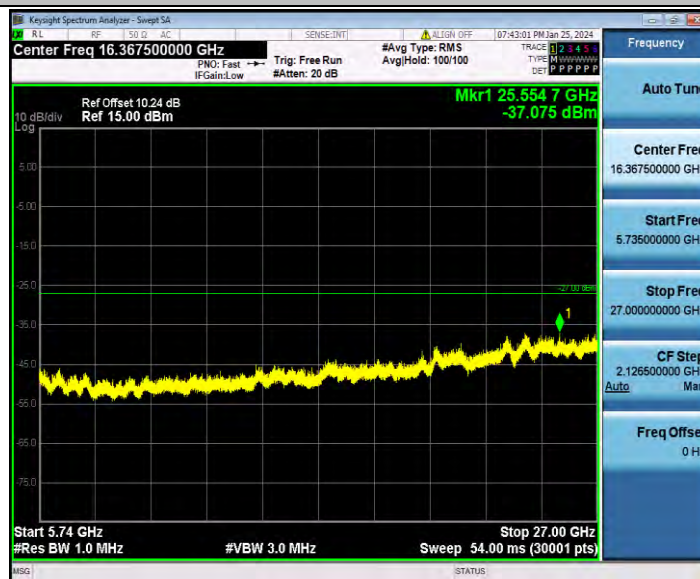
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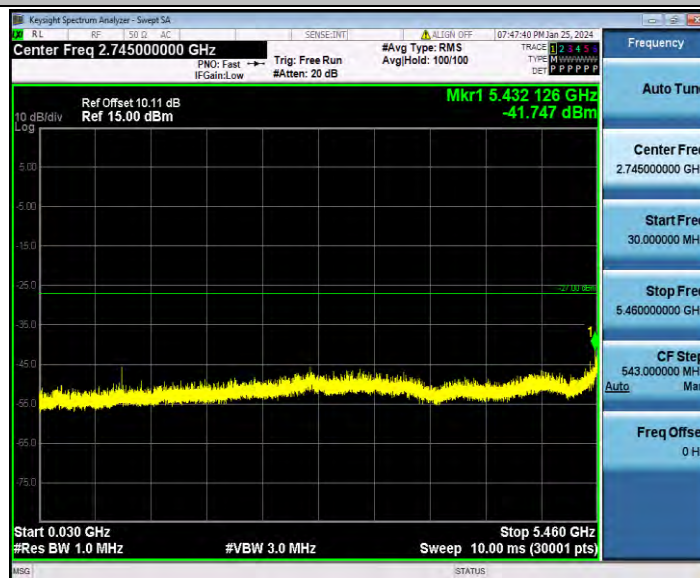
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11AX40SISO_Ant1_5670_5735~40000



11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~40000

