

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]	Gain [dBi]	Verdict
11A	Ant1	5500	6.66	80.95	0.92	7.58	≤23.98	0.00	PASS
		5600	7.73	80.95	0.92	8.65	≤23.98	0.00	PASS
		5700	8.29	80.95	0.92	9.21	≤23.98	0.00	PASS
11N20S ISO	Ant1	5500	8.94	94.59	0.24	9.18	≤23.98	0.00	PASS
		5600	10.22	94.67	0.24	10.46	≤23.98	0.00	PASS
		5700	11.61	95.95	0.18	11.79	≤23.98	0.00	PASS
11N40S ISO	Ant1	5510	5.05	69.38	1.59	6.64	≤23.98	0.00	PASS
		5590	7.65	95.59	0.20	7.85	≤23.98	0.00	PASS
		5670	6.07	69.38	1.59	7.66	≤23.98	0.00	PASS
11AC20 SISO	Ant1	5500	6.52	85.00	0.71	7.23	≤23.98	0.00	PASS
		5600	7.70	80.00	0.97	8.67	≤23.98	0.00	PASS
		5700	8.25	80.00	0.97	9.22	≤23.98	0.00	PASS
11AC40 SISO	Ant1	5510	5.00	69.38	1.59	6.59	≤23.98	0.00	PASS
		5590	5.41	69.31	1.59	7.00	≤23.98	0.00	PASS
		5670	6.36	69.77	1.56	7.92	≤23.98	0.00	PASS
11AC80 SISO	Ant1	5530	2.91	48.23	3.17	6.08	≤23.98	0.00	PASS
		5610	3.72	48.32	3.16	6.88	≤23.98	0.00	PASS
11AX20 SISO	Ant1	5500	6.74	78.95	1.03	7.77	≤23.98	0.00	PASS
		5600	7.72	80.00	0.97	8.69	≤23.98	0.00	PASS
		5700	8.40	78.95	1.03	9.43	≤23.98	0.00	PASS
11AX40 SISO	Ant1	5510	4.04	56.80	2.46	6.50	≤23.98	0.00	PASS
		5590	6.37	56.78	2.46	8.83	≤23.98	0.00	PASS
		5670	6.72	56.61	2.47	9.19	≤23.98	0.00	PASS
11AX80 SISO	Ant1	5530	3.67	50.52	2.97	6.64	≤23.98	0.00	PASS
		5610	-2.70	10.81	9.66	6.96	≤23.98	0.00	PASS

Note:

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

Appendix F.5: Maximum power spectral density

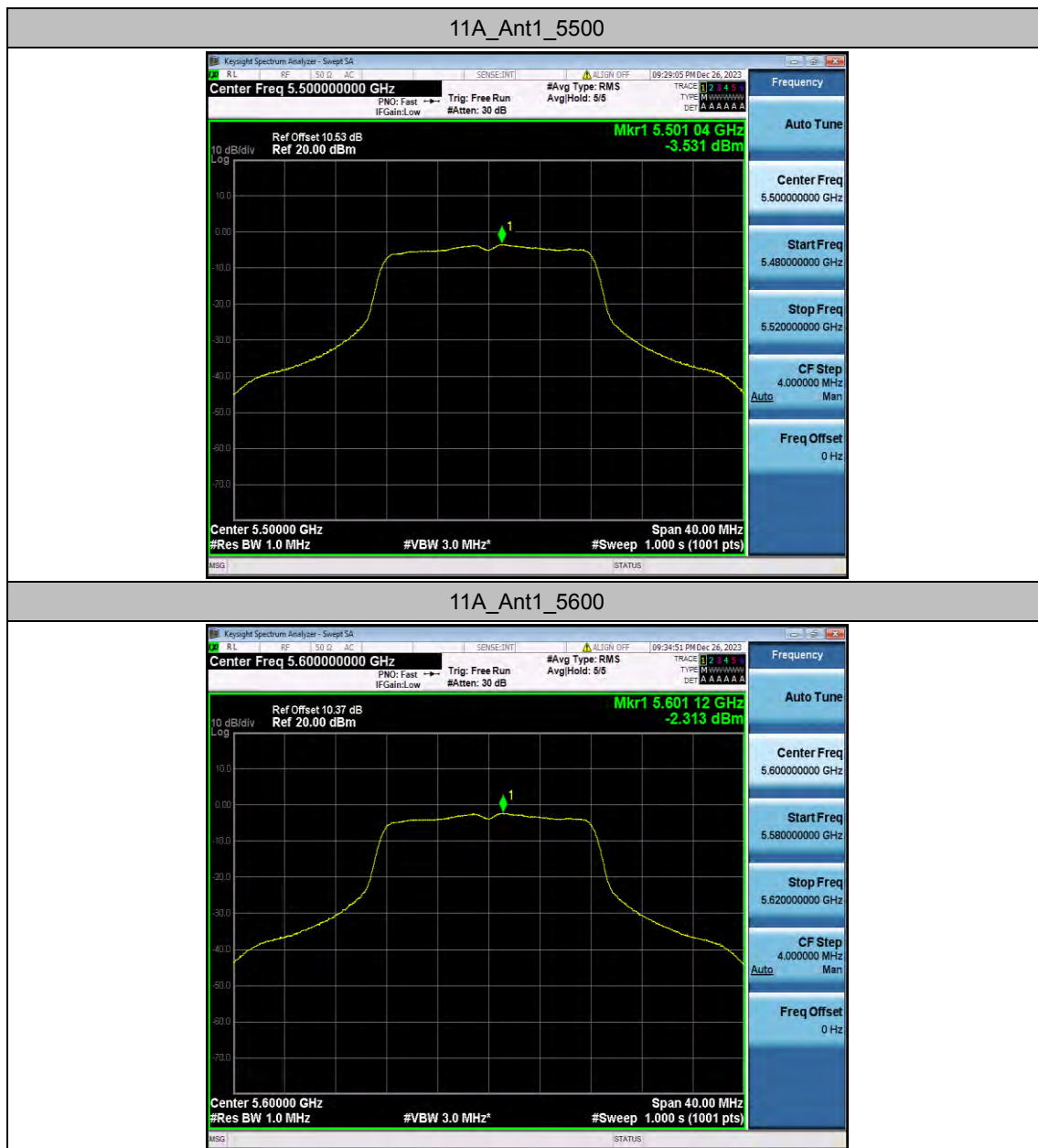
Test Result

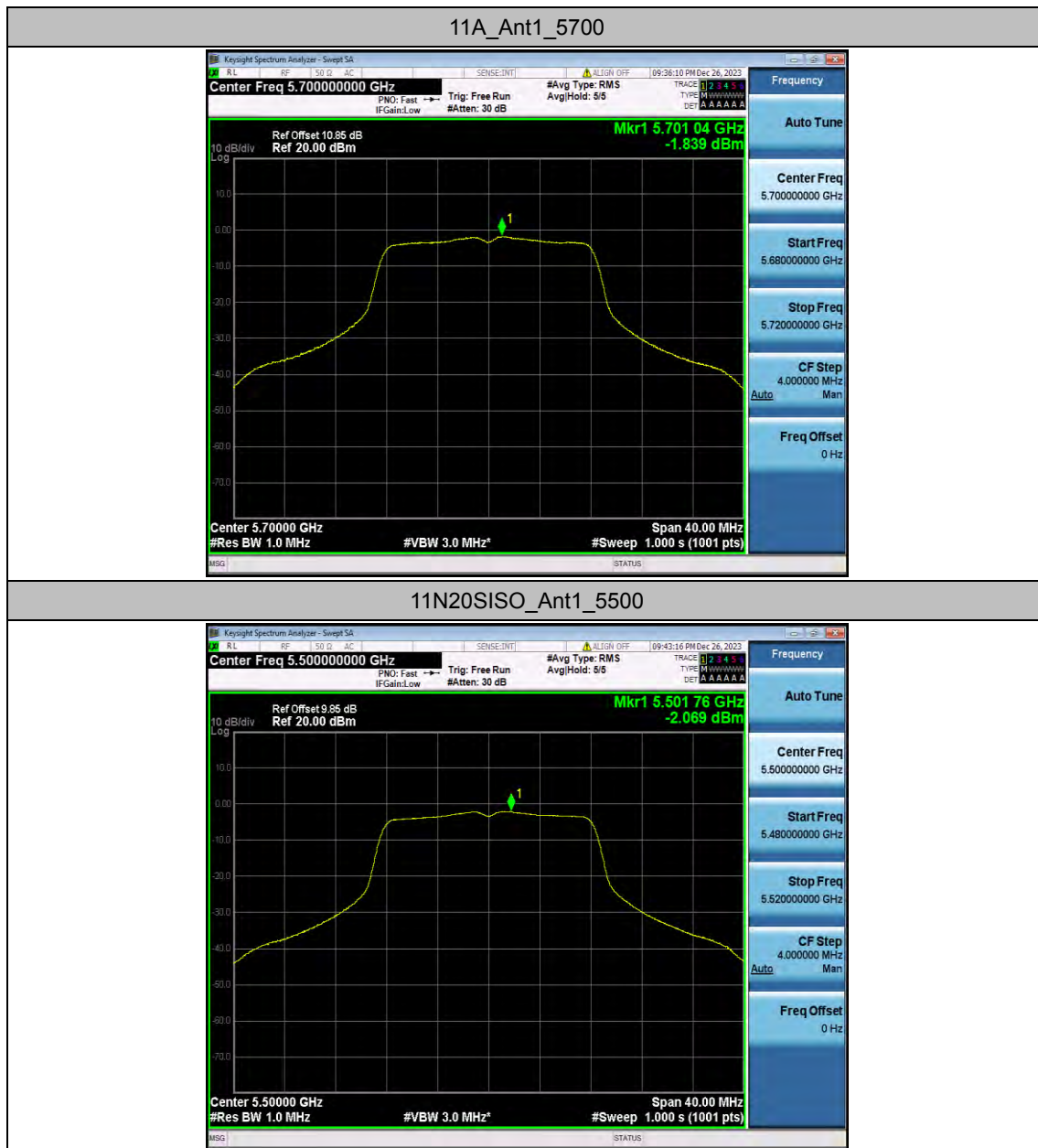
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	-3.53	≤11.00	PASS
		5600	-2.31	≤11.00	PASS
		5700	-1.84	≤11.00	PASS
11N20SISO	Ant1	5500	-2.07	≤11.00	PASS
		5600	-0.66	≤11.00	PASS
		5700	0.58	≤11.00	PASS
11N40SISO	Ant1	5510	-6.05	≤11.00	PASS
		5590	-5.05	≤11.00	PASS
		5670	-5.05	≤11.00	PASS
11AC20SISO	Ant1	5500	-4.15	≤11.00	PASS
		5600	-2.58	≤11.00	PASS
		5700	-2.01	≤11.00	PASS
11AC40SISO	Ant1	5510	-6.08	≤11.00	PASS
		5590	-5.89	≤11.00	PASS
		5670	-4.97	≤11.00	PASS
11AC80SISO	Ant1	5530	-8.95	≤11.00	PASS
		5610	-8.47	≤11.00	PASS
11AX20SISO	Ant1	5500	-3.92	≤11.00	PASS
		5600	-2.83	≤11.00	PASS
		5700	-2.22	≤11.00	PASS
11AX40SISO	Ant1	5510	-7.42	≤11.00	PASS
		5590	-5.51	≤11.00	PASS
		5670	-5.25	≤11.00	PASS
11AX80SISO	Ant1	5530	-10.08	≤11.00	PASS
		5610	-8.15	≤11.00	PASS

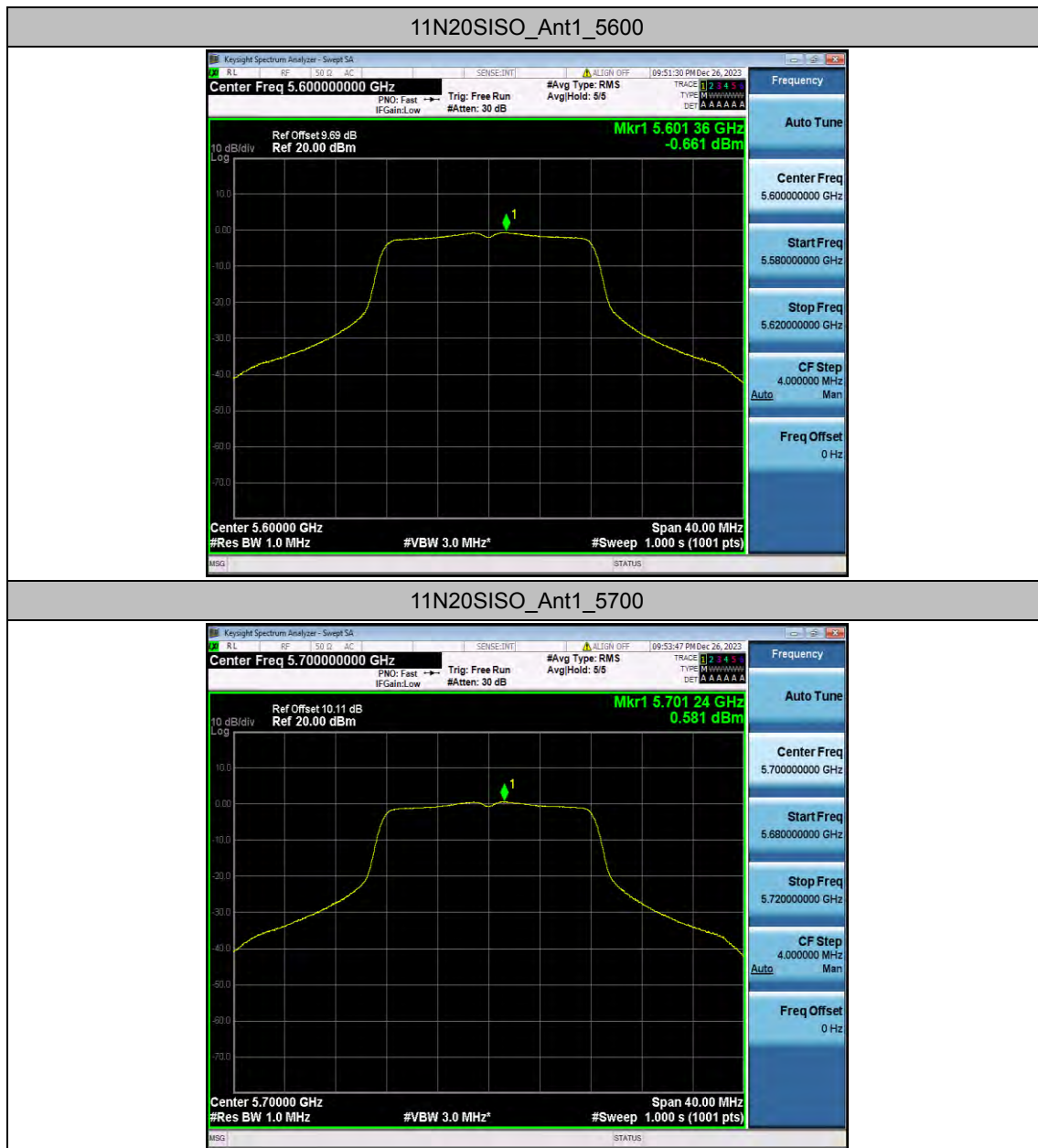
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

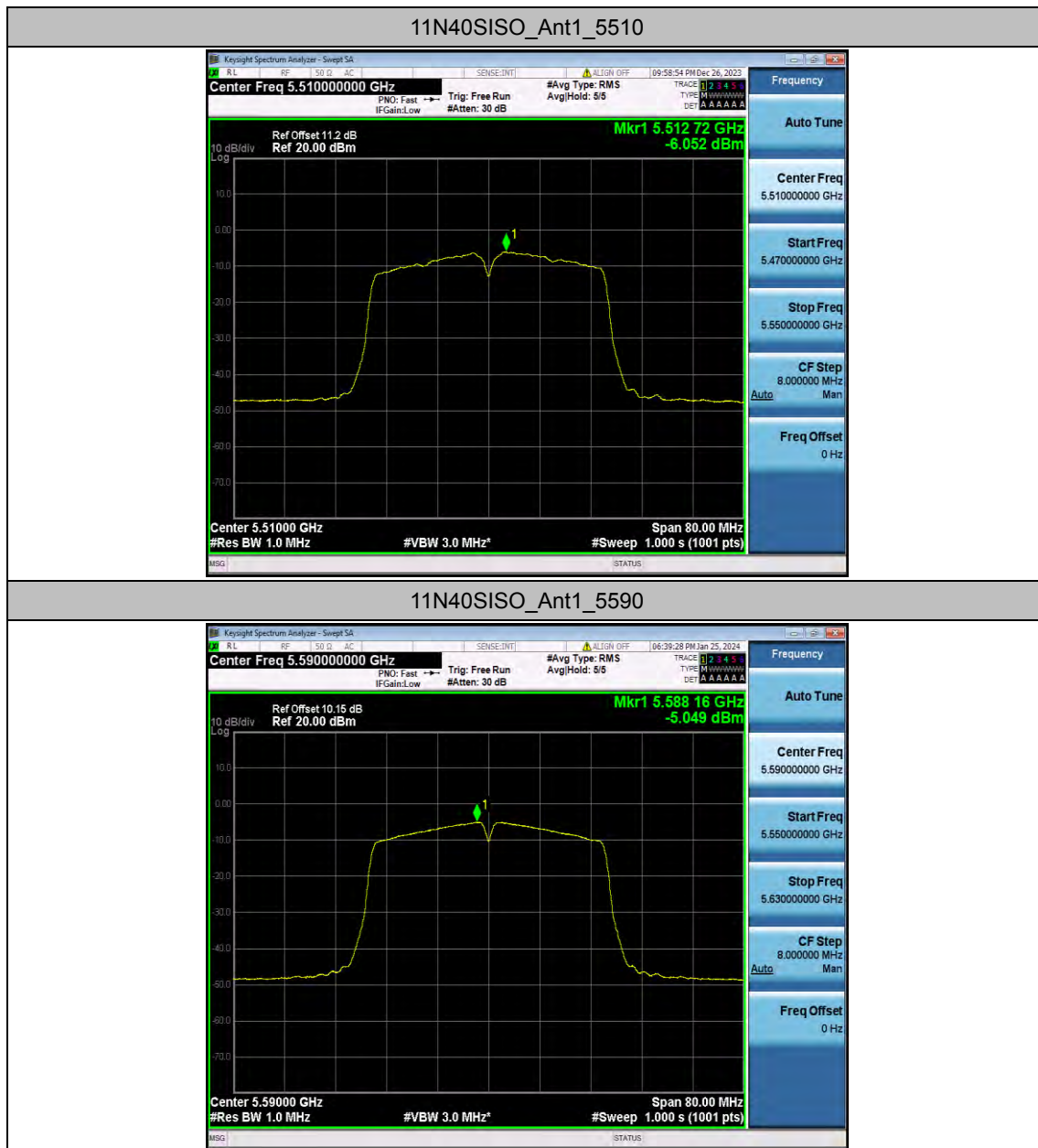
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

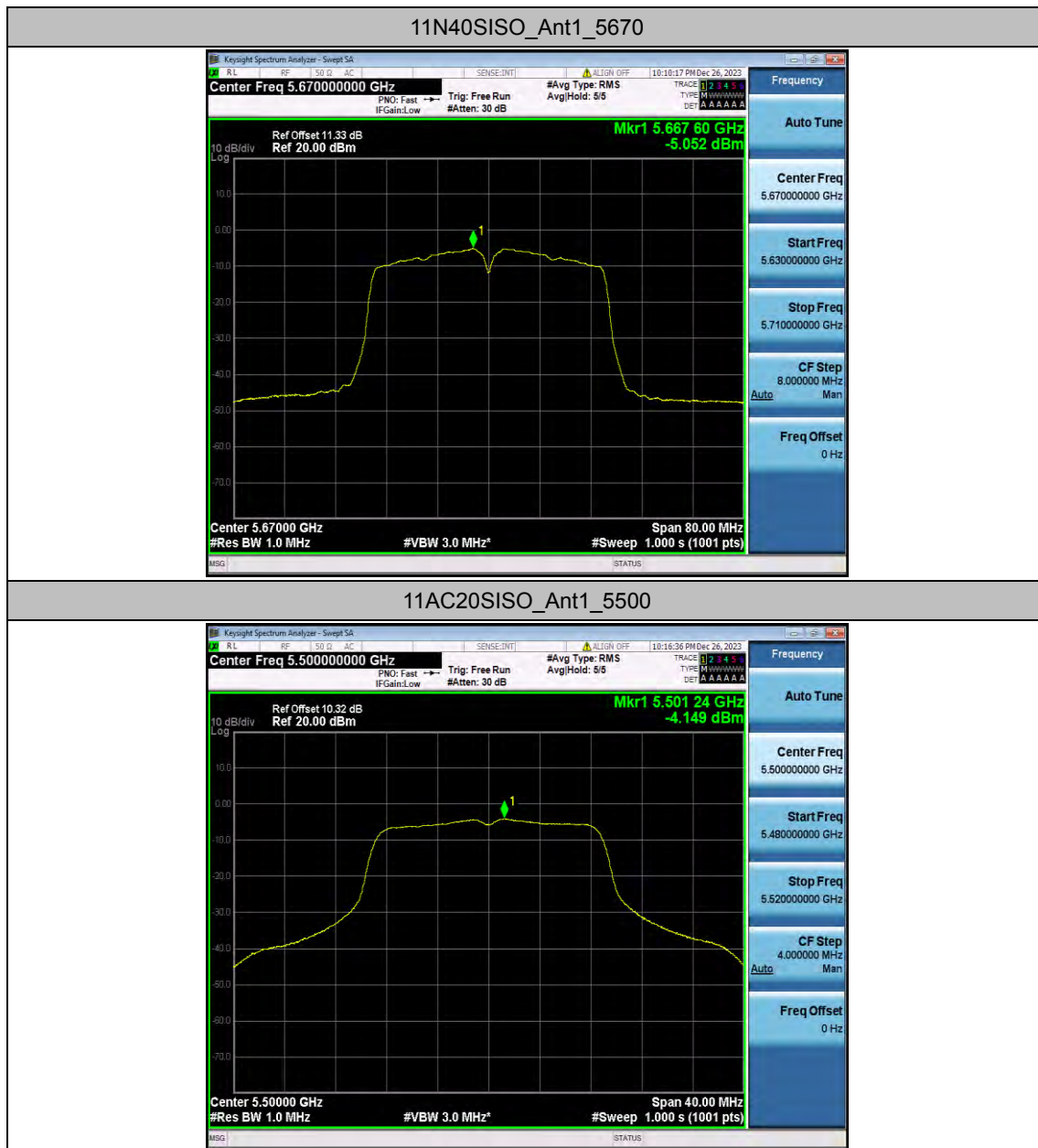
Test Graphs

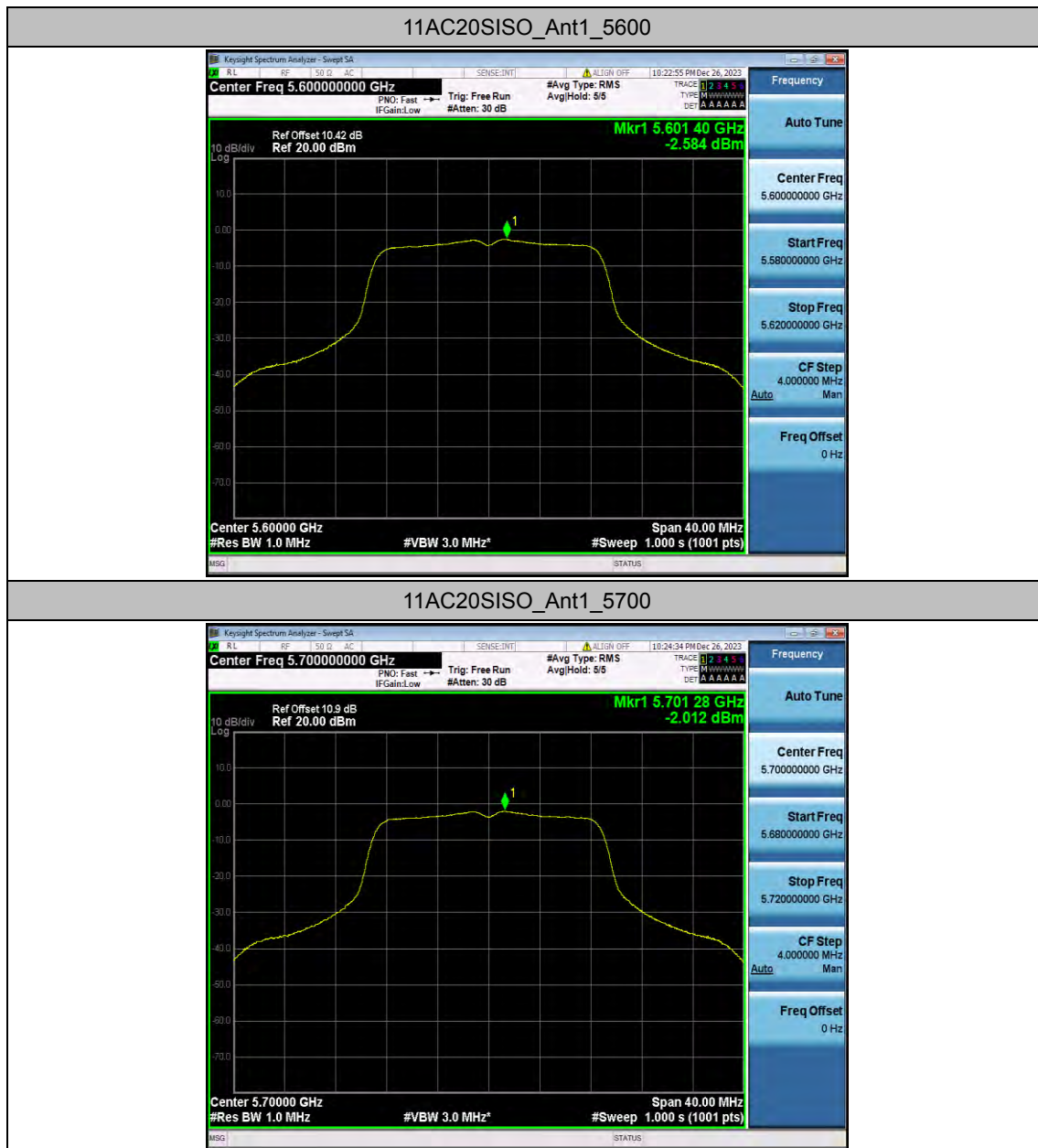


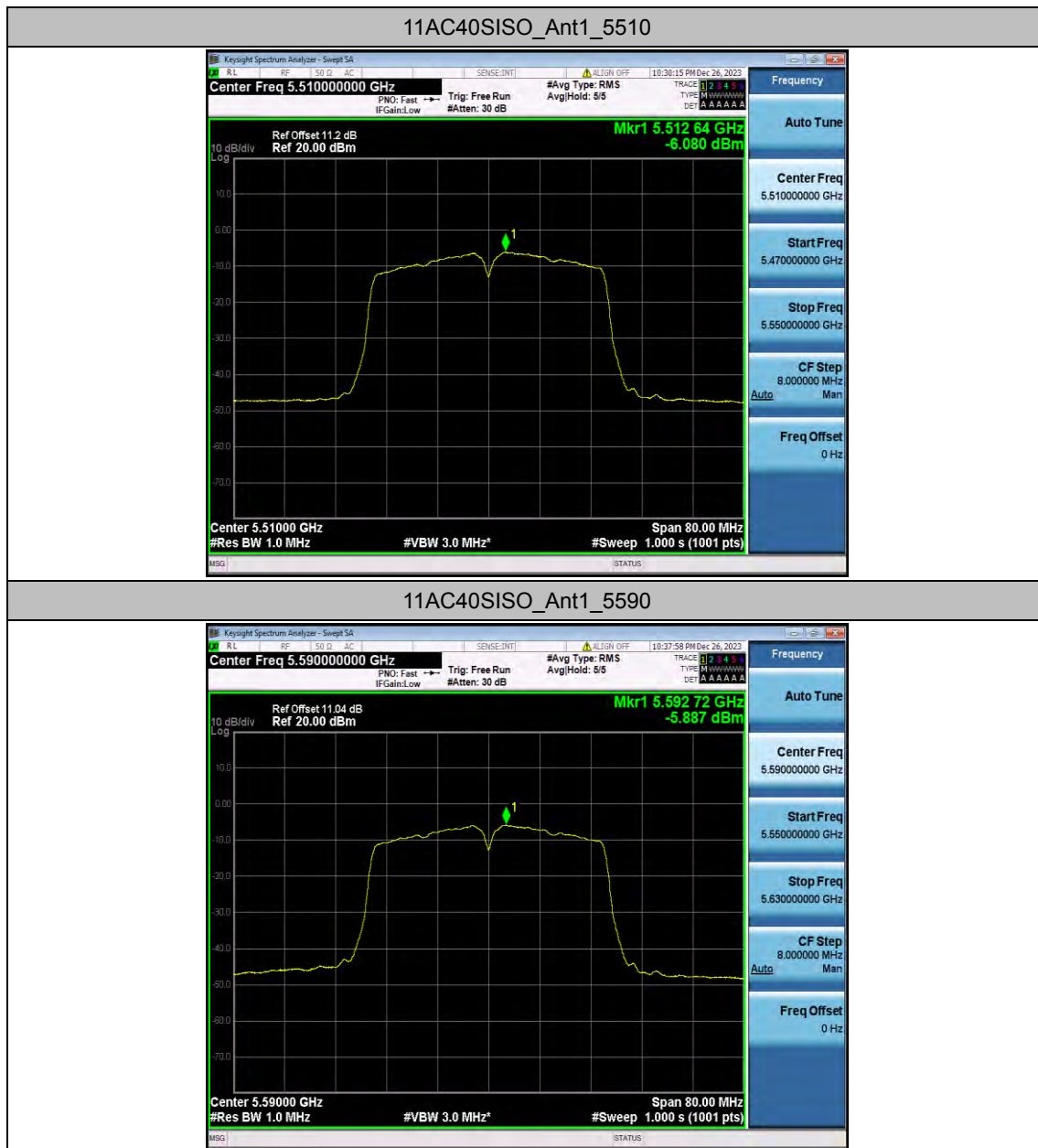


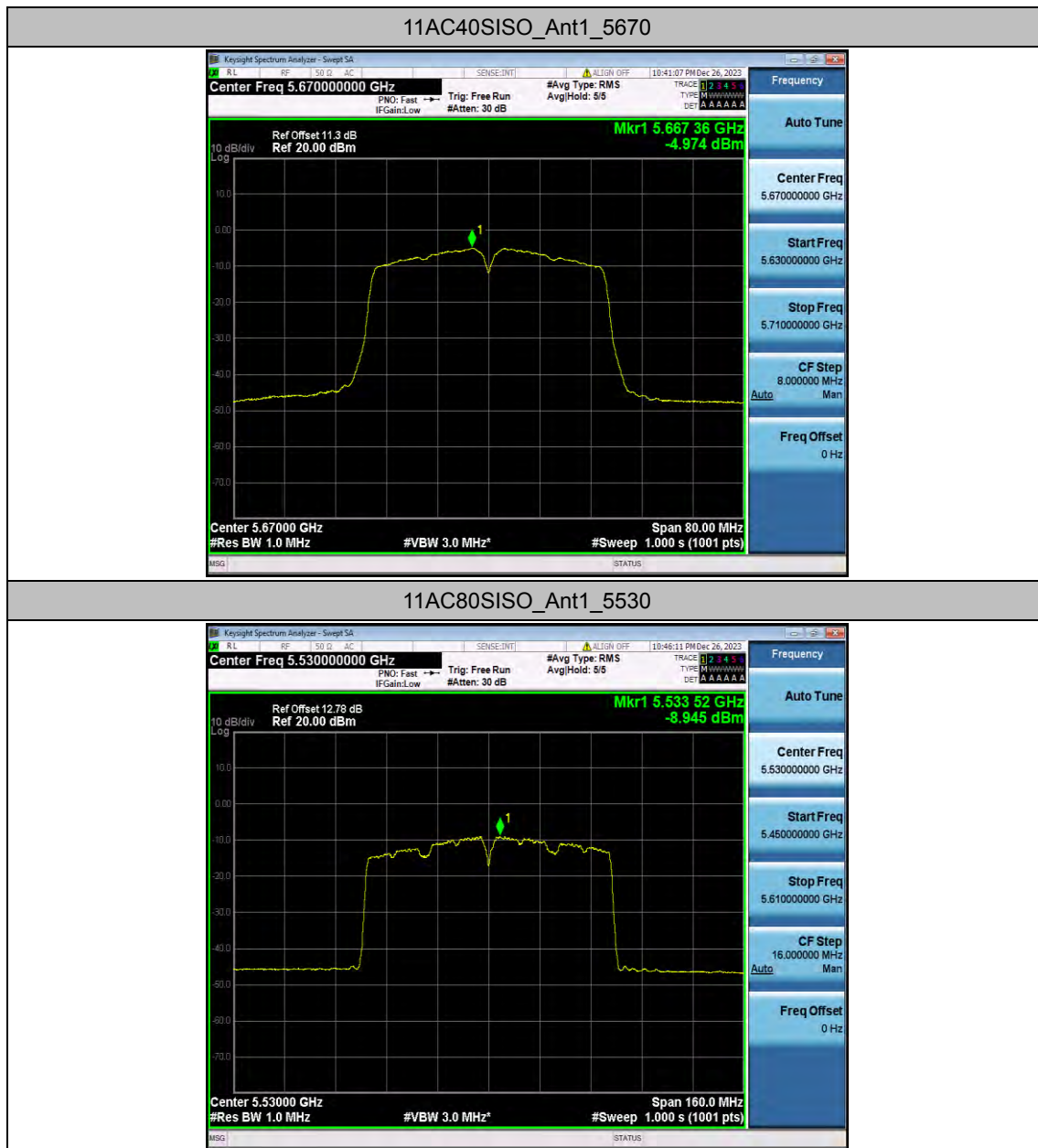


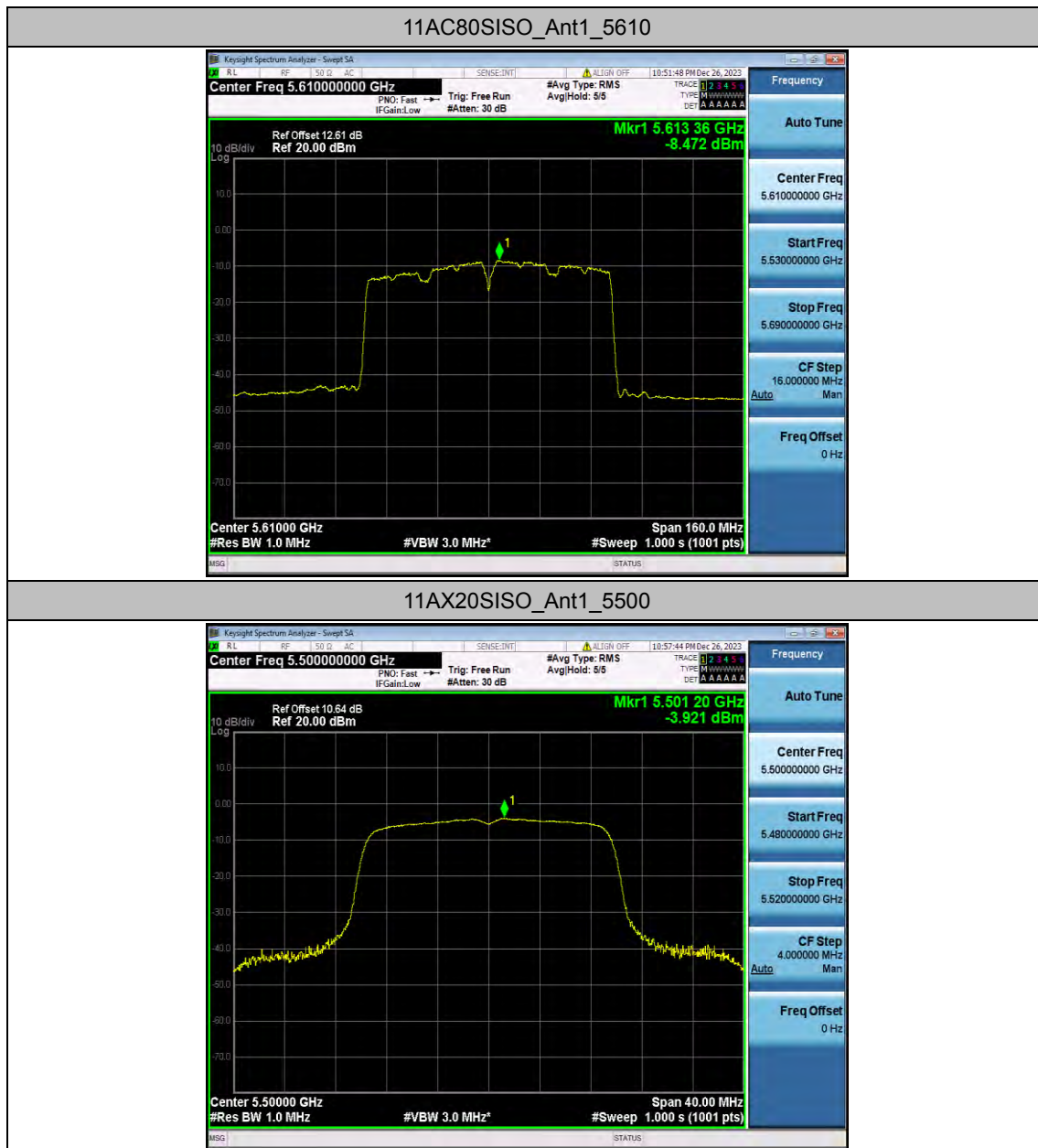










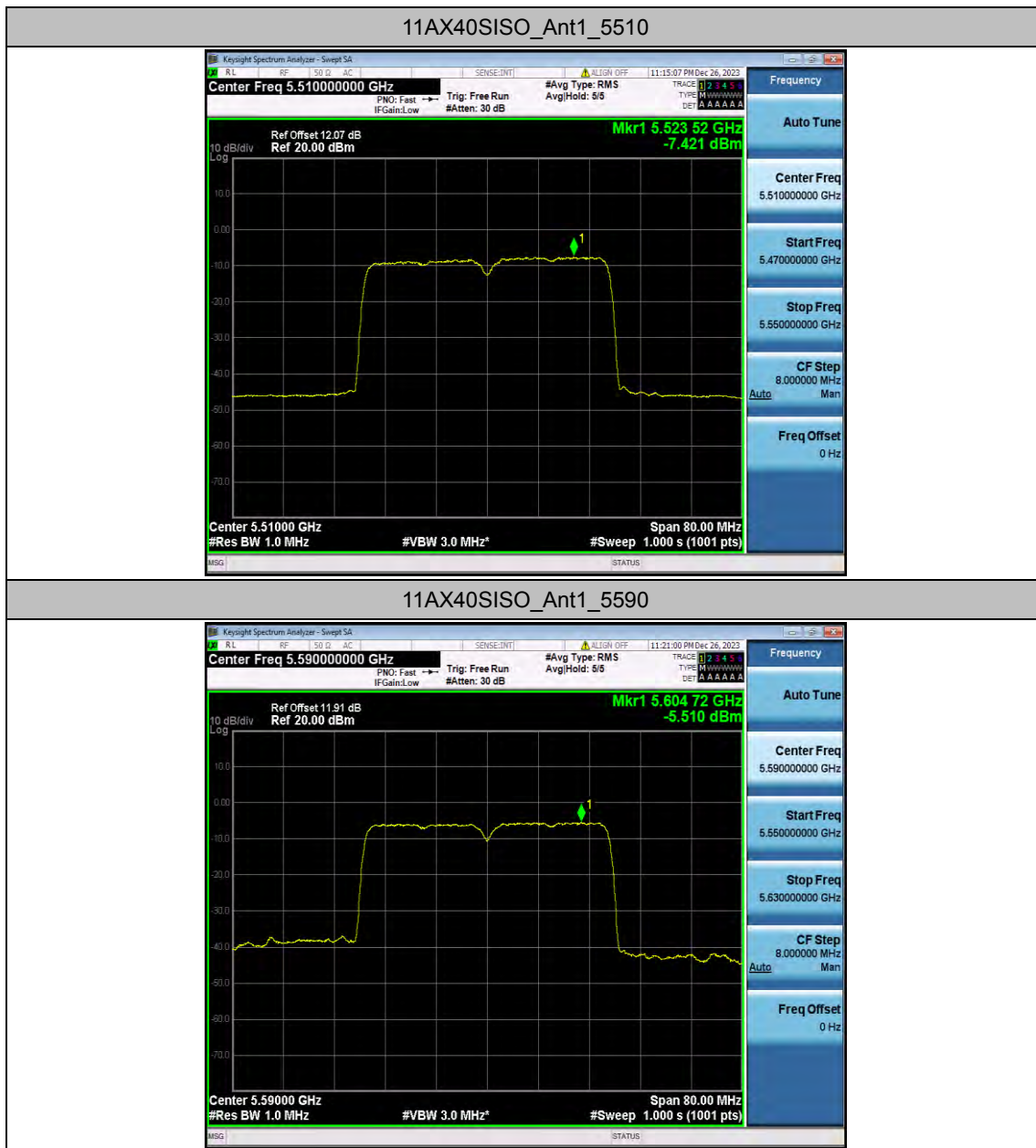


11AX20SISO_Ant1_5600



11AX20SISO_Ant1_5700



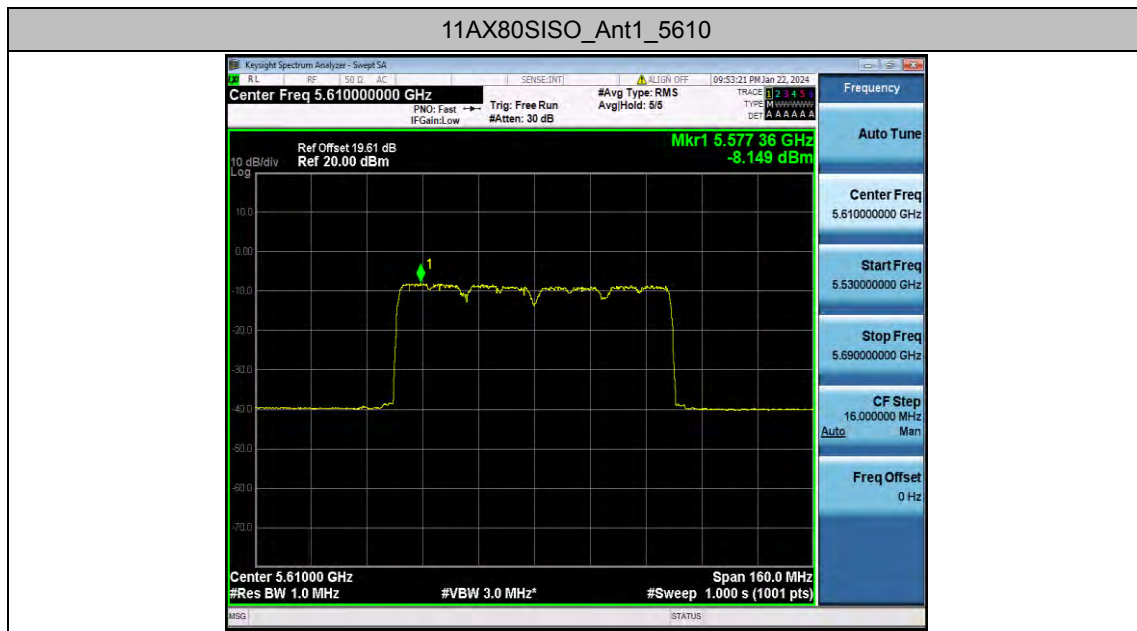


11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



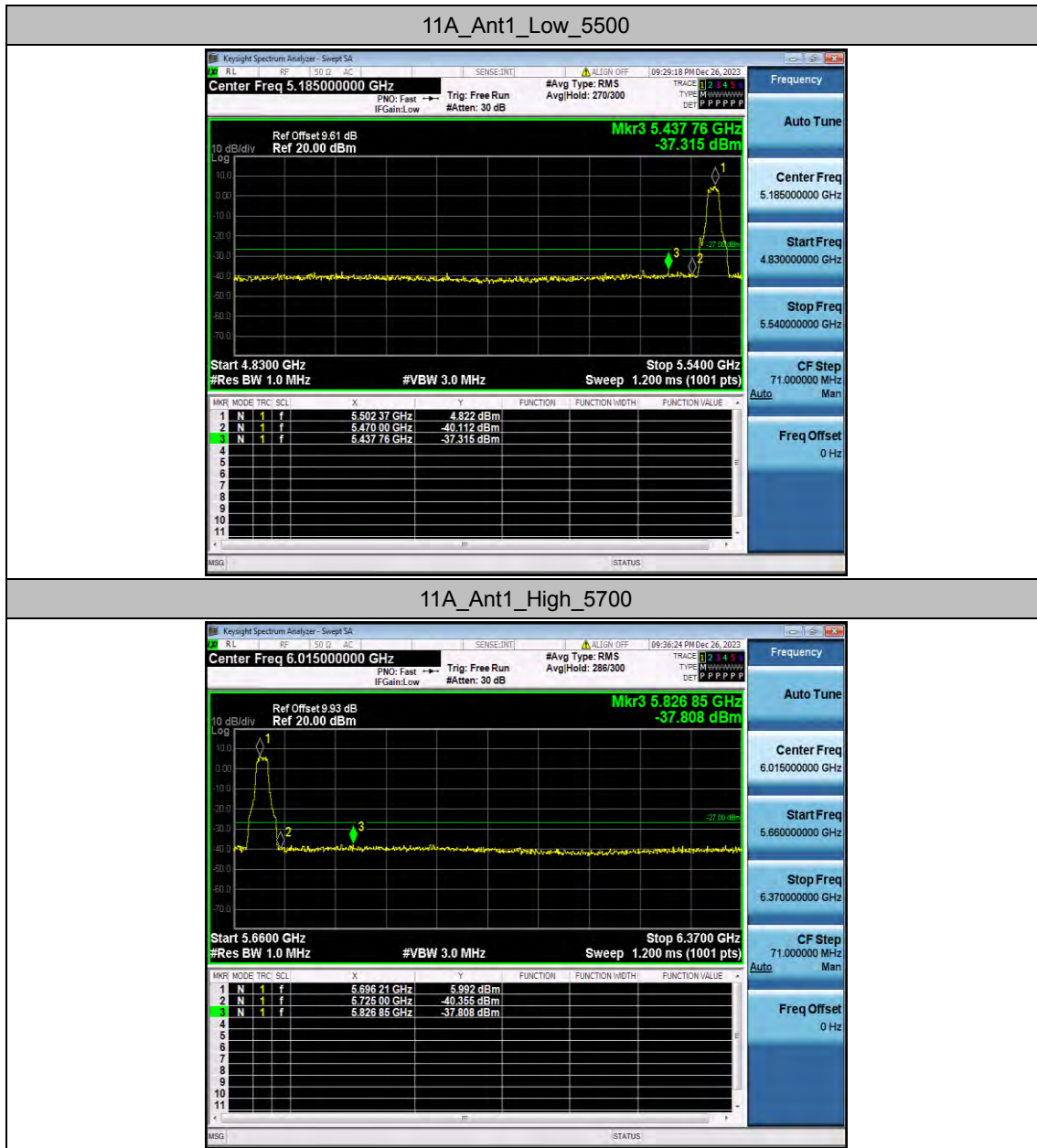


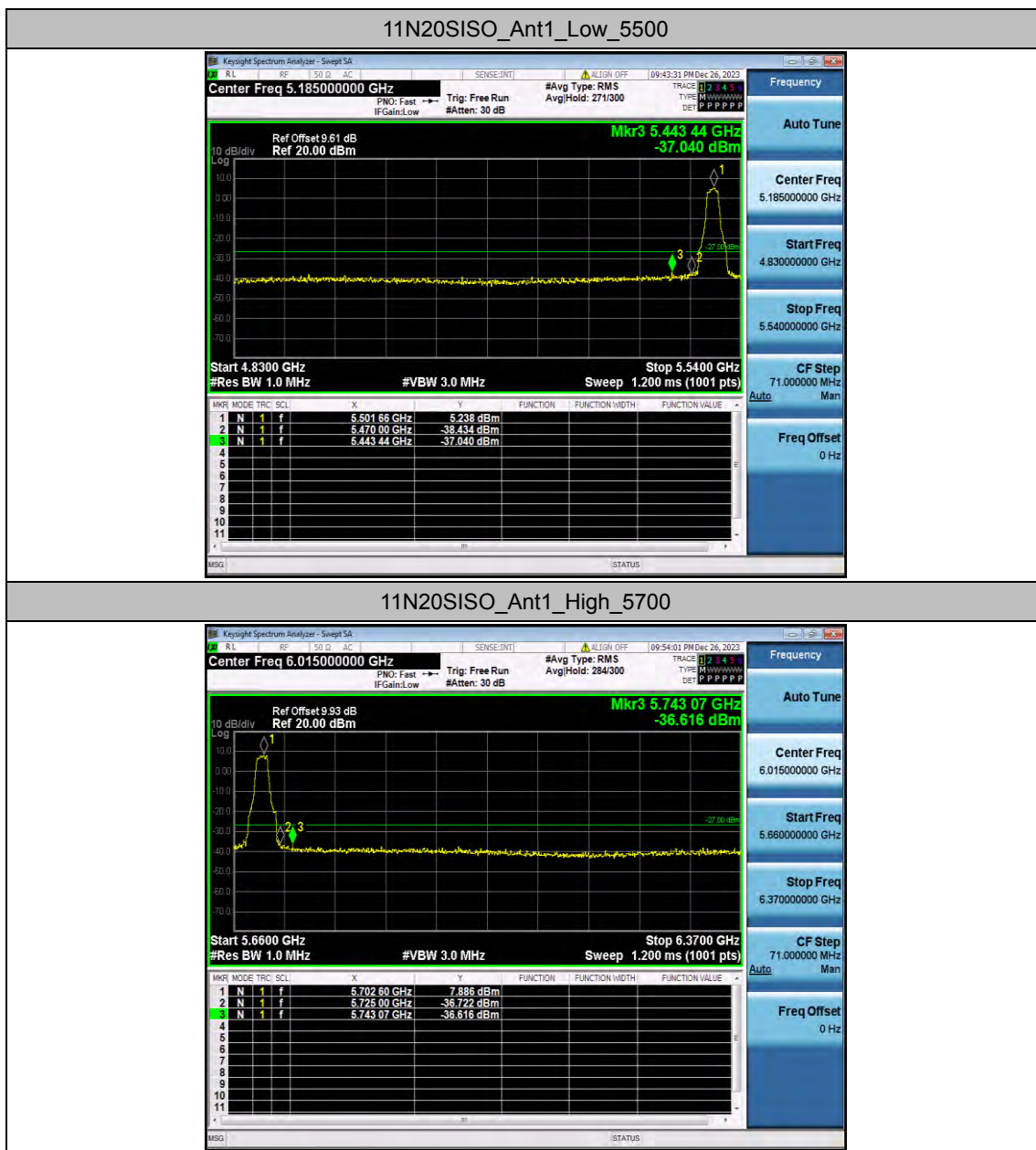
Appendix F.6: Band edge measurements

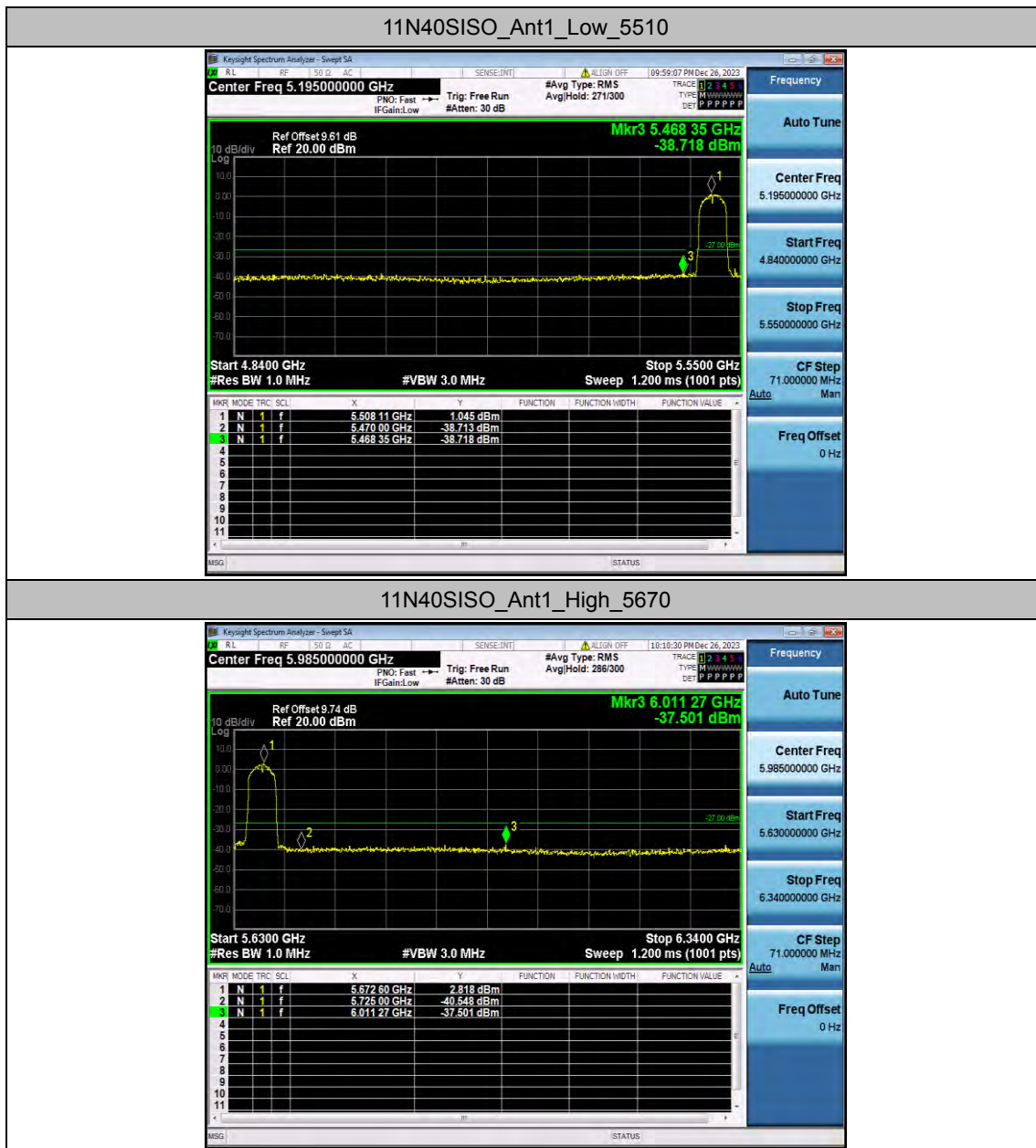
Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.32	≤ -27	PASS
		High	5700	-37.81	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-37.04	≤ -27	PASS
		High	5700	-36.62	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-38.72	≤ -27	PASS
		High	5670	-37.5	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-37.96	≤ -27	PASS
		High	5700	-37.93	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-37.9	≤ -27	PASS
		High	5670	-37.62	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-37.33	≤ -27	PASS
		High	5610	-37.89	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-37.71	≤ -27	PASS
		High	5700	-37.27	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-37.83	≤ -27	PASS
		High	5670	-37.14	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-38.04	≤ -27	PASS
		High	5610	-37.36	≤ -27	PASS

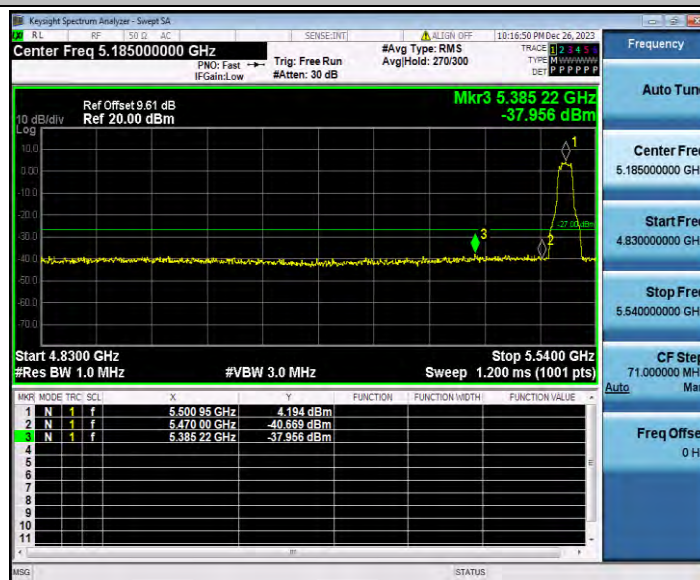
Test Graphs B3



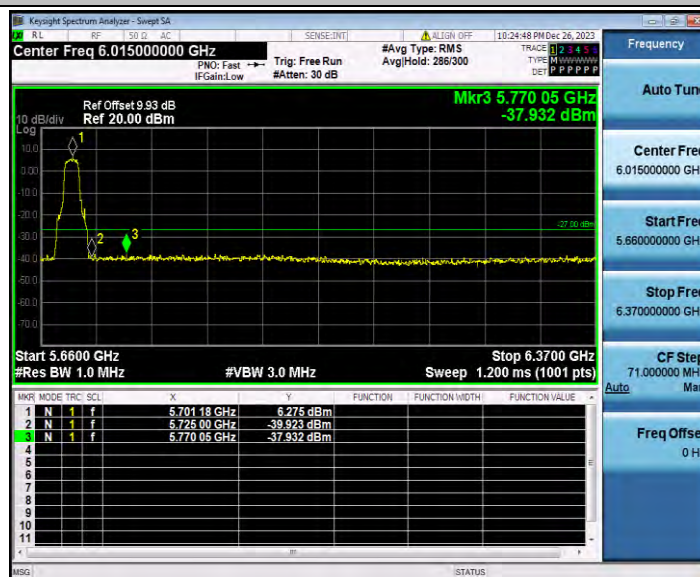


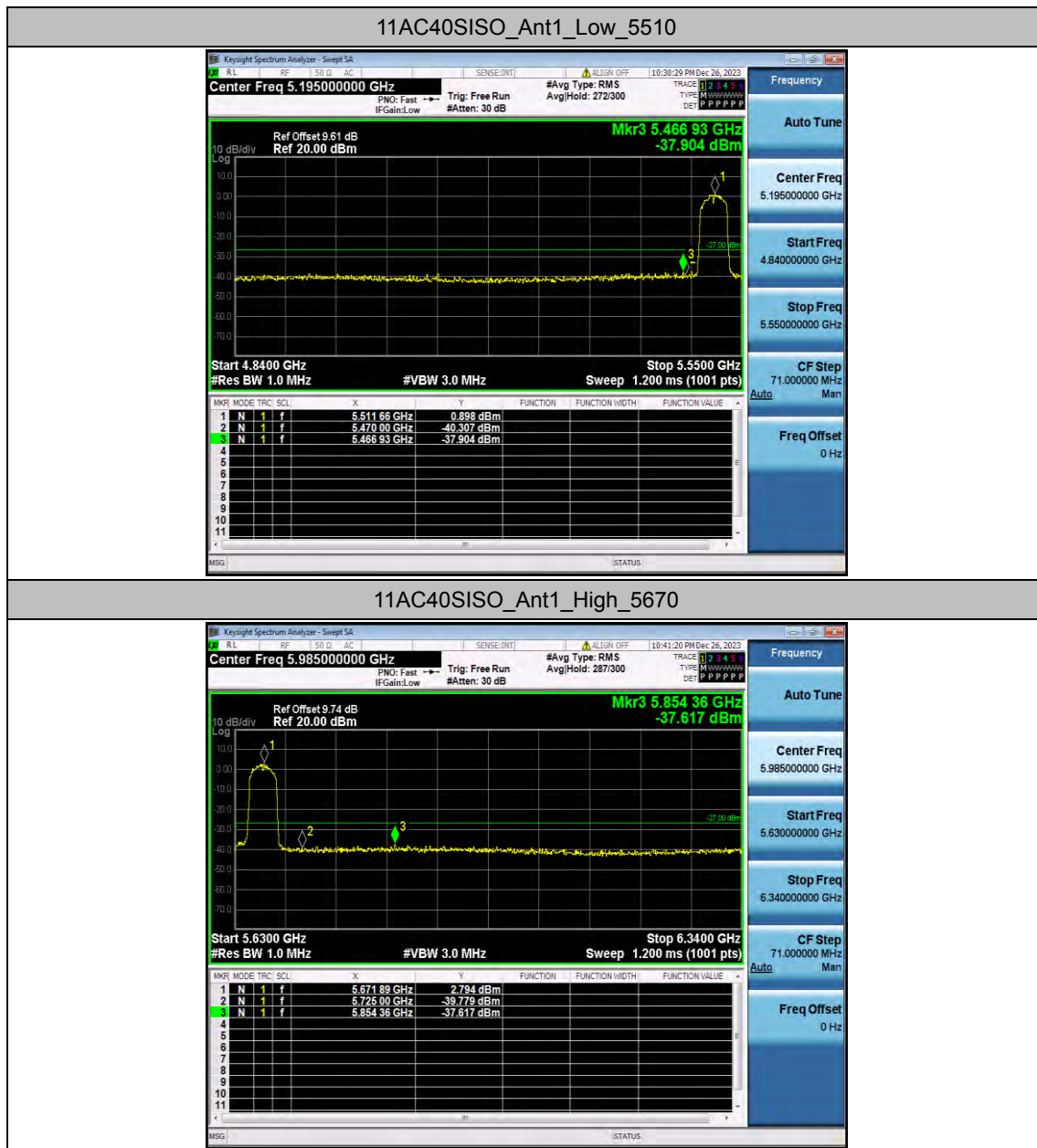


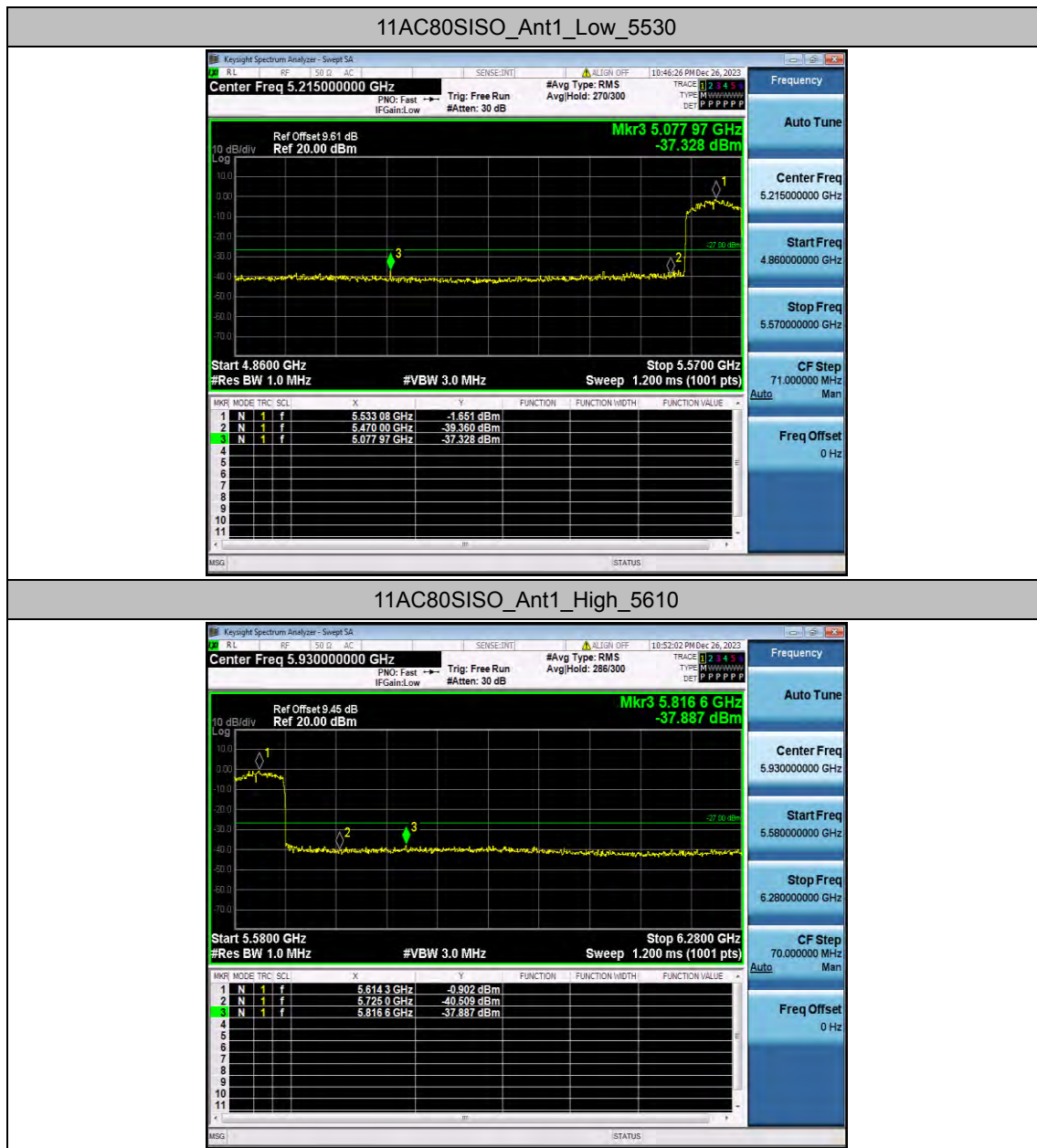
11AC20SISO_Ant1_Low_5500

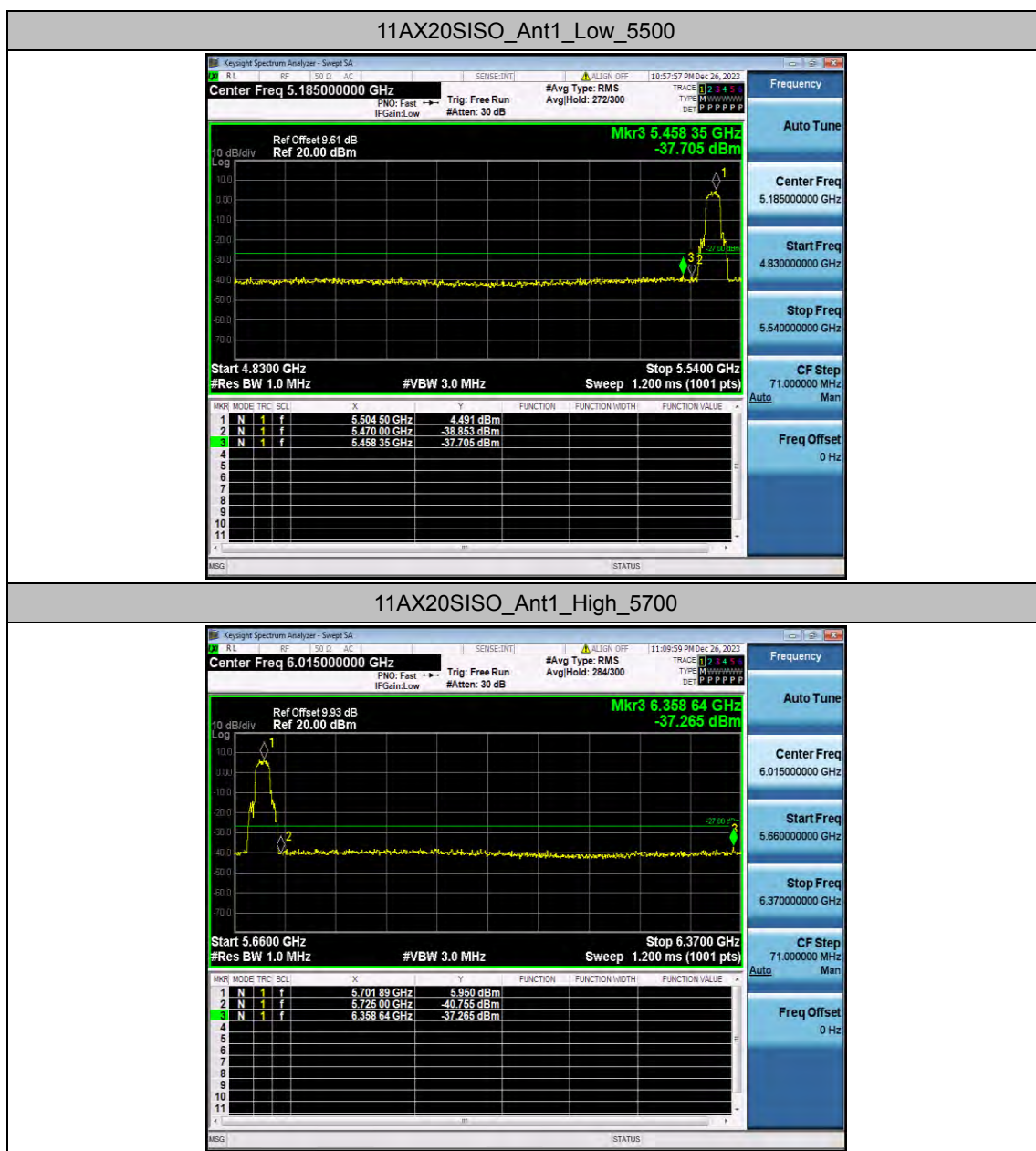


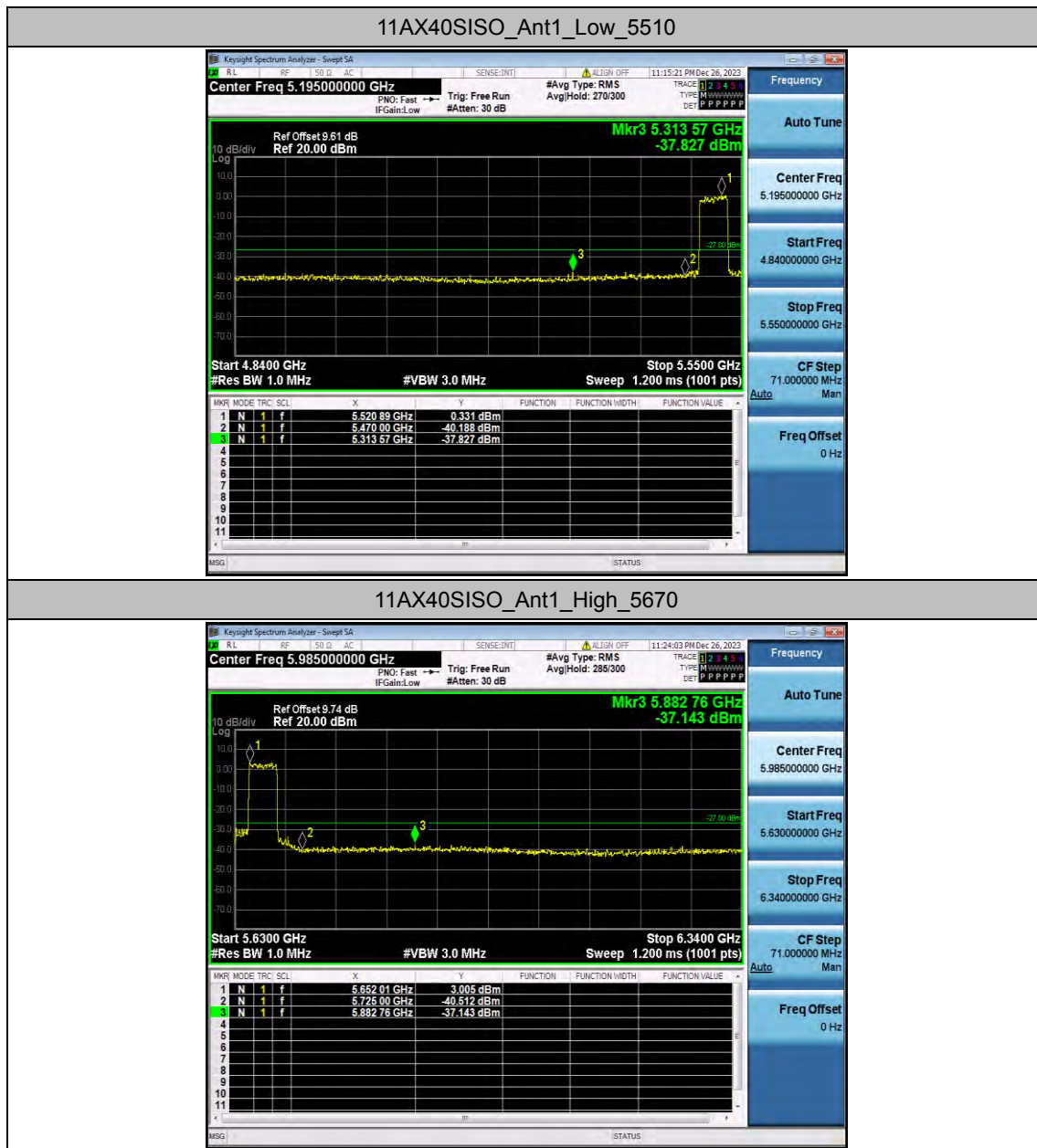
11AC20SISO_Ant1_High_5700

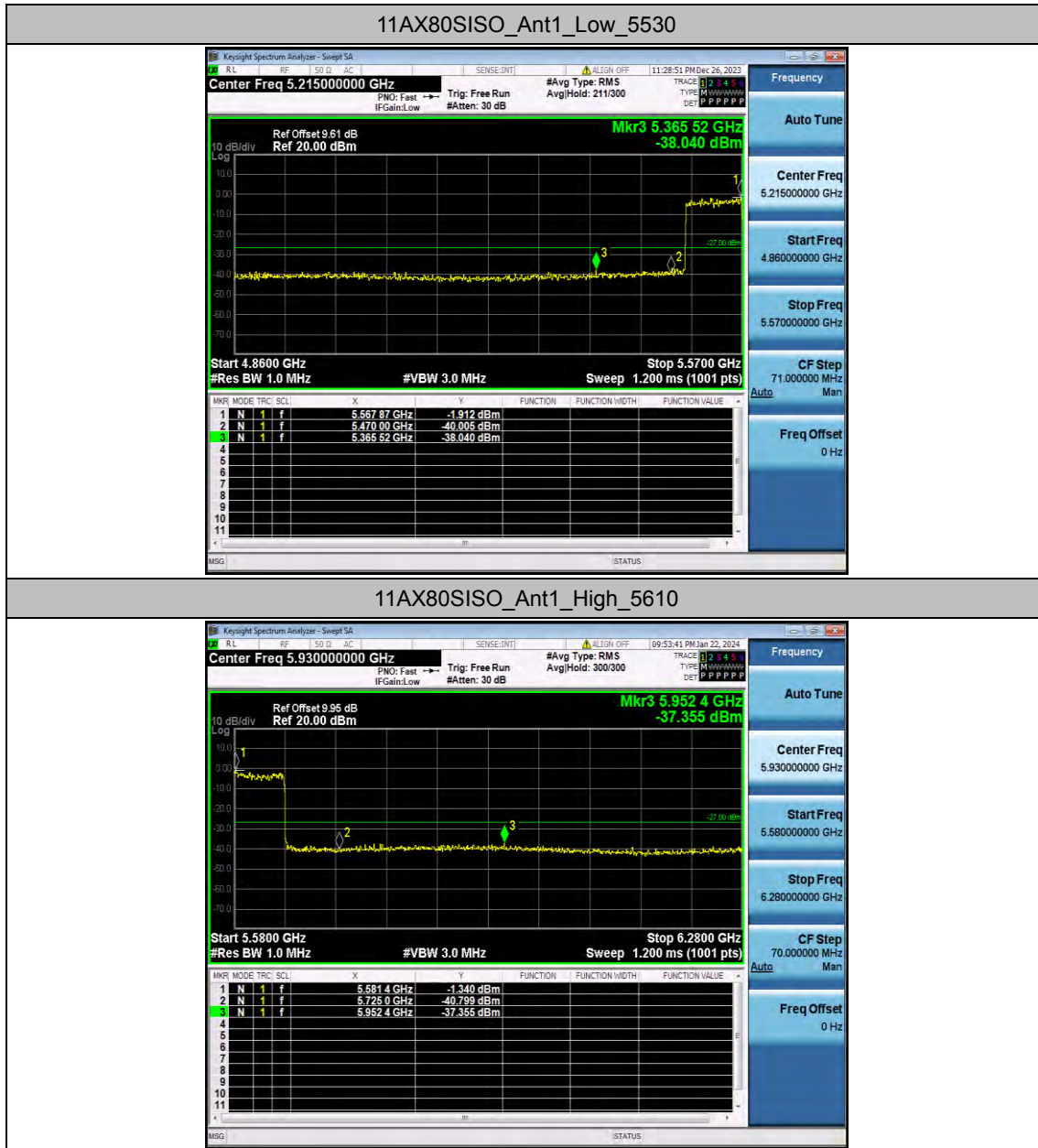












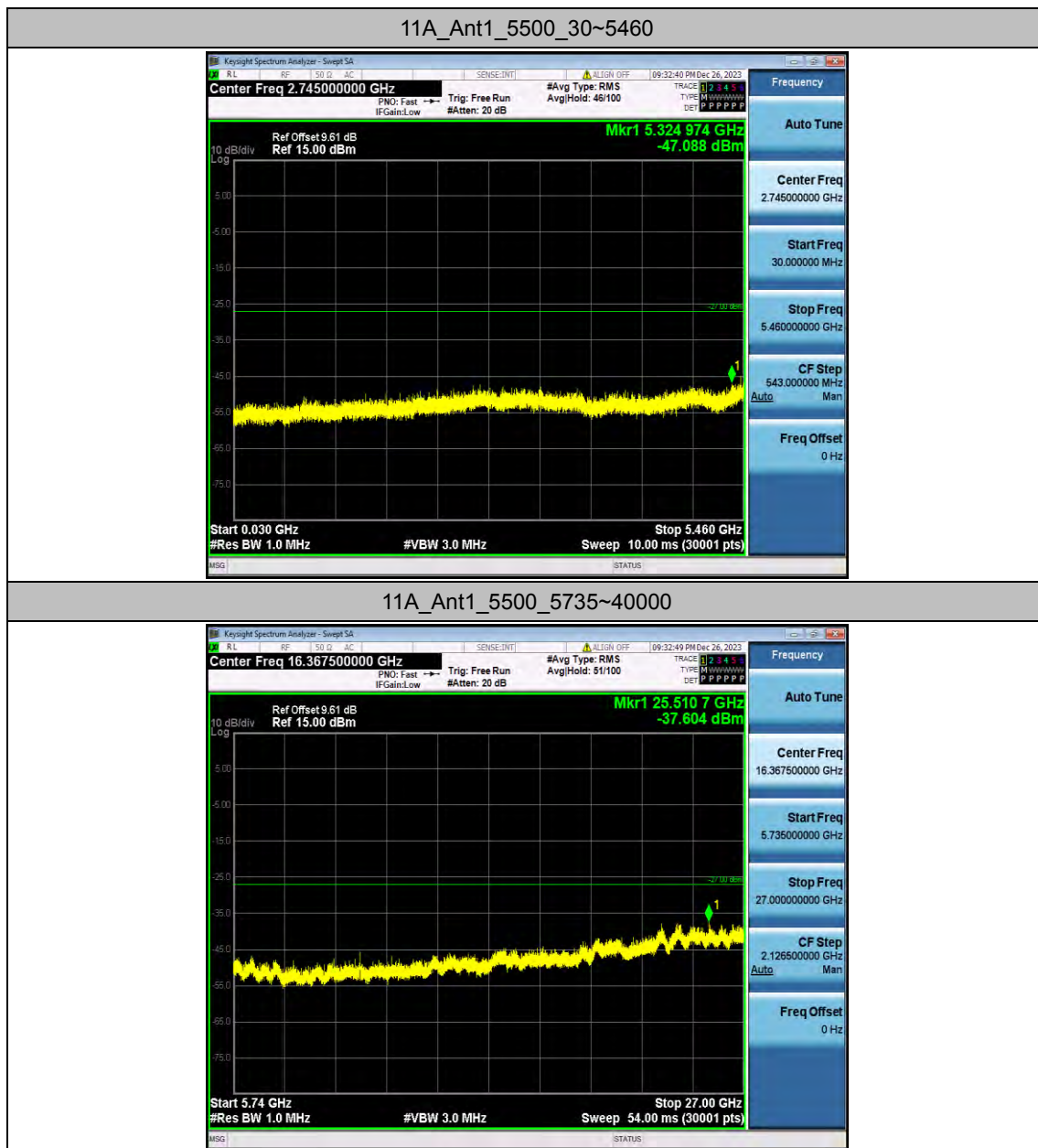
Appendix F.7: Conducted Spurious Emission

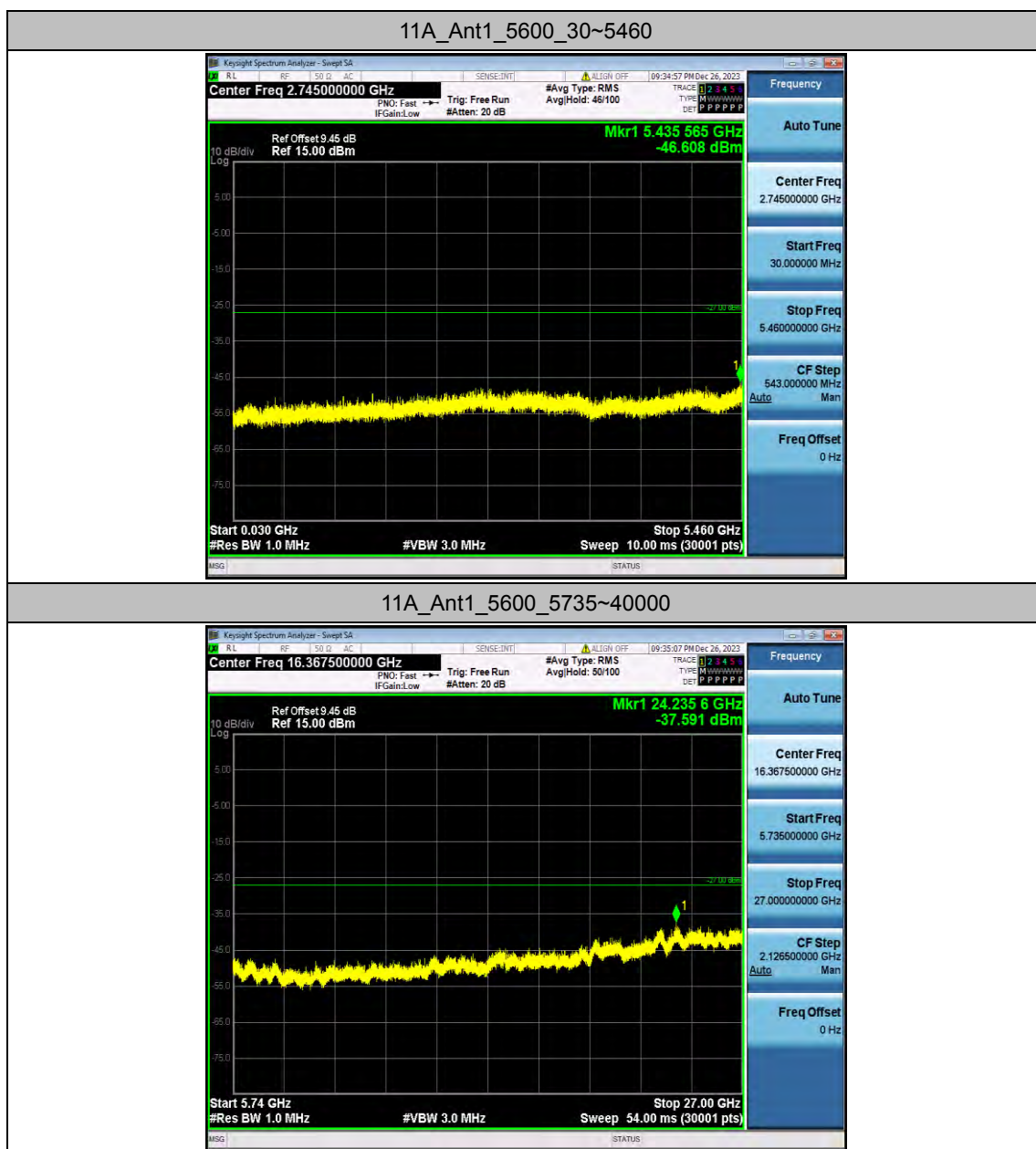
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5324.97	-47.09	≤-27	PASS
			5735~40000	25510.74	-37.6	≤-27	PASS
		5600	30~5460	5435.57	-46.61	≤-27	PASS
			5735~40000	24235.55	-37.59	≤-27	PASS
		5700	30~5460	4914.29	-46.1	≤-27	PASS
			5735~40000	24233.42	-37.1	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5452.22	-44.8	≤-27	PASS
			5735~40000	24205.07	-37.73	≤-27	PASS
		5600	30~5460	4960.26	-46.56	≤-27	PASS
			5735~40000	24890.51	-37.92	≤-27	PASS
		5700	30~5460	1738.64	-42.89	≤-27	PASS
			5735~40000	25072.68	-37.21	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5451.31	-45.95	≤-27	PASS
			5735~40000	24076.06	-37.96	≤-27	PASS
		5590	30~5460	5364.61	-47	≤-27	PASS
			5735~40000	25992.75	-38.5	≤-27	PASS
		5670	30~5460	4995.92	-46.81	≤-27	PASS
			5735~40000	23530.26	-37.68	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5418.73	-45.39	≤-27	PASS
			5735~40000	24283.75	-37.94	≤-27	PASS
		5600	30~5460	5421.81	-47.34	≤-27	PASS
			5735~40000	24224.21	-37.37	≤-27	PASS
		5700	30~5460	5439.91	-45.81	≤-27	PASS
			5735~40000	26622.9	-38.05	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5441.54	-45.26	≤-27	PASS
			5735~40000	26812.16	-38.15	≤-27	PASS
		5590	30~5460	4984.51	-46.36	≤-27	PASS
			5735~40000	26466.96	-38	≤-27	PASS
		5670	30~5460	5395.93	-46.5	≤-27	PASS
			5735~40000	23635.88	-37.67	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5452.94	-45.88	≤-27	PASS
			5735~40000	24251.14	-36.39	≤-27	PASS
		5610	30~5460	2668.98	-47.17	≤-27	PASS
			5735~40000	26633.53	-38.02	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5400.27	-46.68	≤-27	PASS
			5735~40000	24252.56	-37.33	≤-27	PASS

		5600	30~5460	5421.81	-45.9	≤ -27	PASS
			5735~40000	24277.37	-38.07	≤ -27	PASS
		5700	30~5460	5398.46	-46.79	≤ -27	PASS
			5735~40000	25048.58	-37.5	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	1743.17	-42.51	≤ -27	PASS
			5735~40000	23578.46	-37.52	≤ -27	PASS
		5590	30~5460	1741.54	-40.6	≤ -27	PASS
			5735~40000	26522.25	-37.7	≤ -27	PASS
		5670	30~5460	3148.27	-47.43	≤ -27	PASS
			5735~40000	24245.47	-36.81	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5443.35	-42.41	≤ -27	PASS
			5735~40000	26853.98	-37.51	≤ -27	PASS
		5610	30~5460	5222.35	-44.73	≤ -27	PASS
			5735~40000	24840.18	-37.04	≤ -27	PASS

Test Graphs

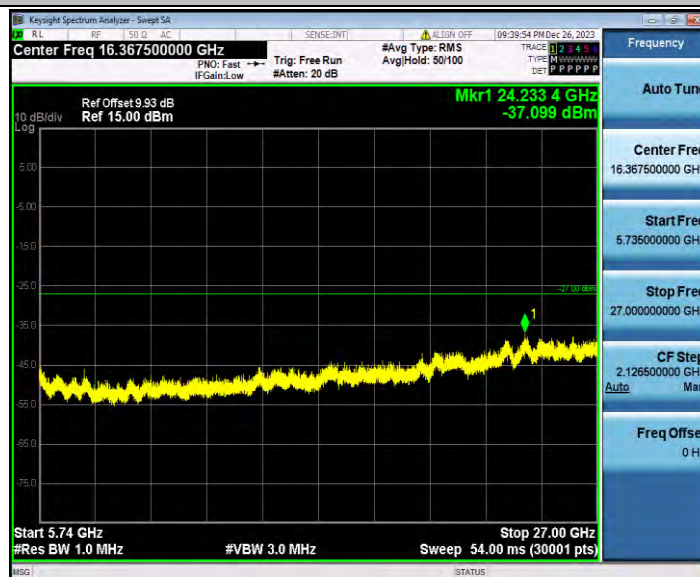


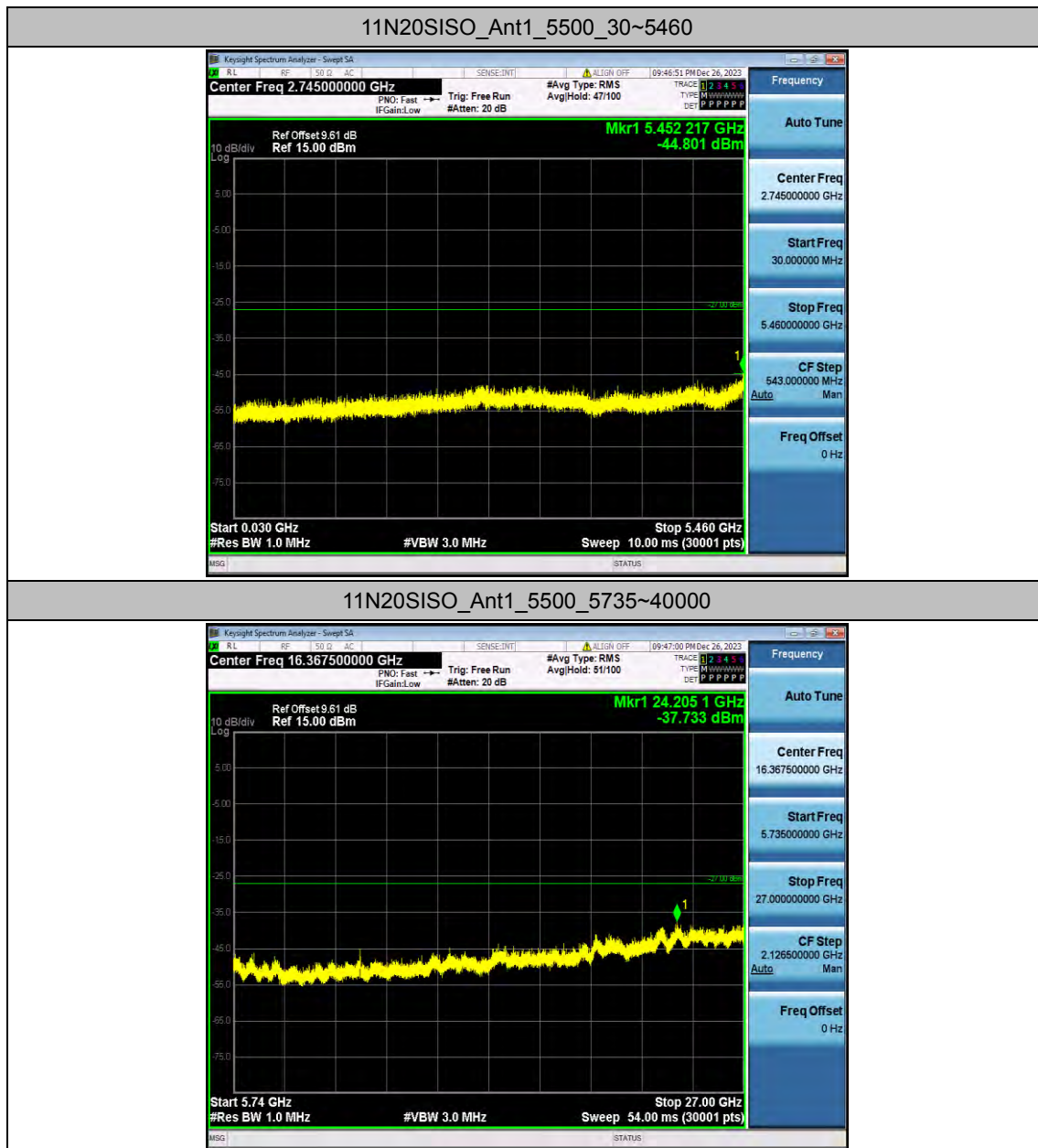


11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~40000

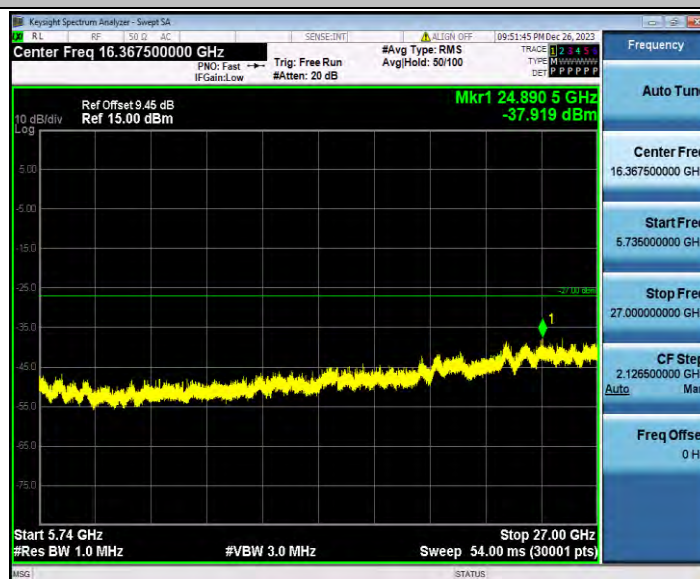




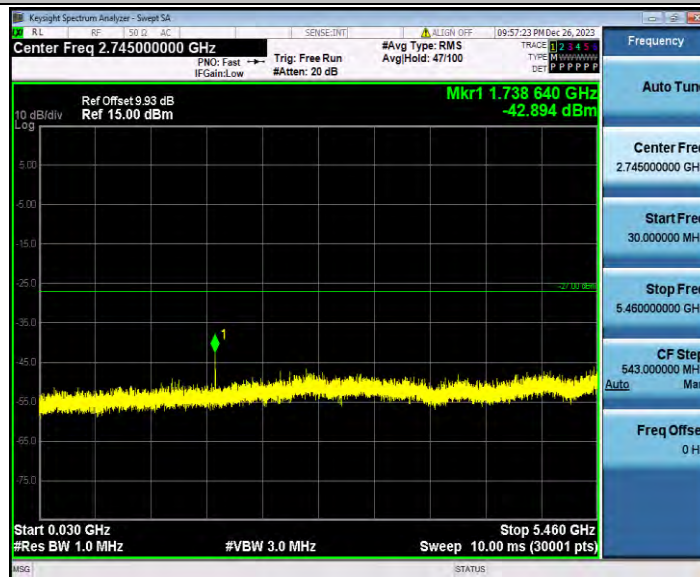
11N20SISO_Ant1_5600_30~5460



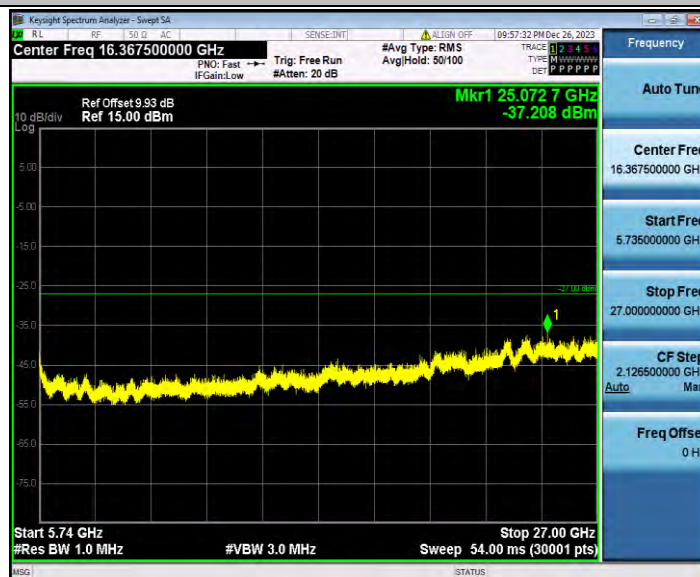
11N20SISO_Ant1_5600_5735~40000



11N20SISO_Ant1_5700_30~5460



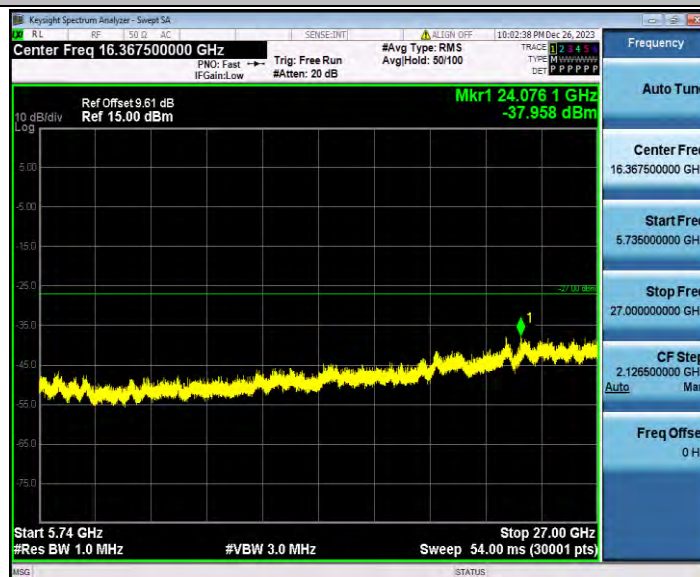
11N20SISO_Ant1_5700_5735~40000



11N40SISO_Ant1_5510_30~5460



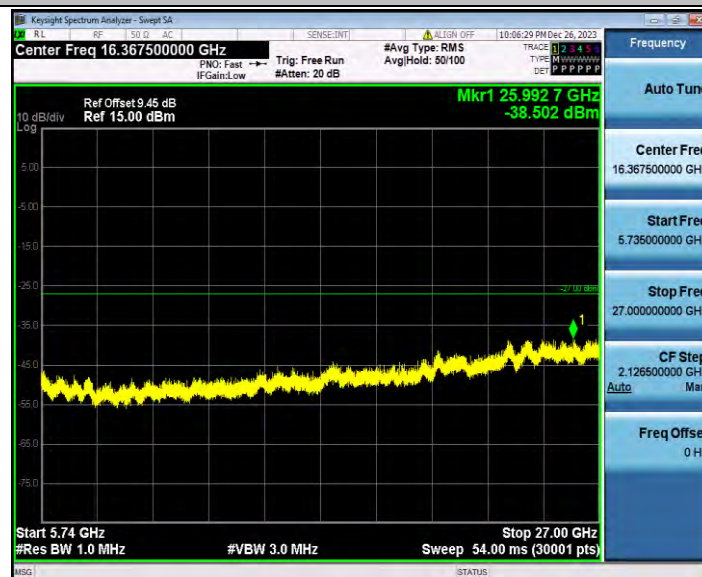
11N40SISO_Ant1_5510_5735~40000



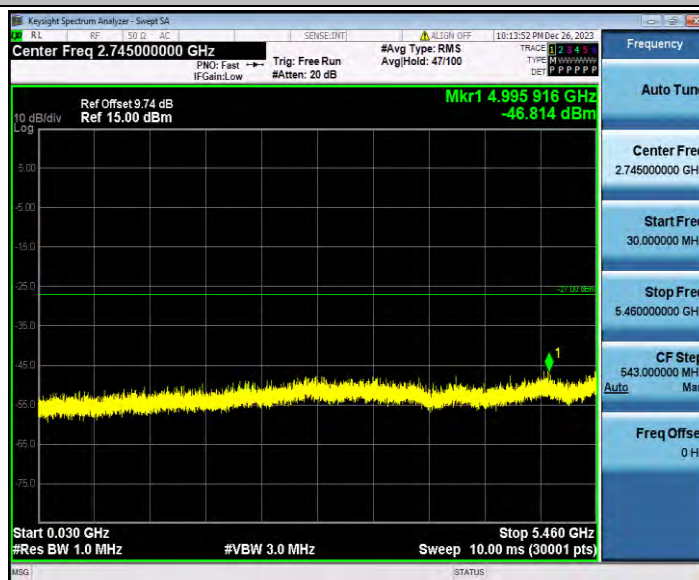
11N40SISO_Ant1_5590_30~5460



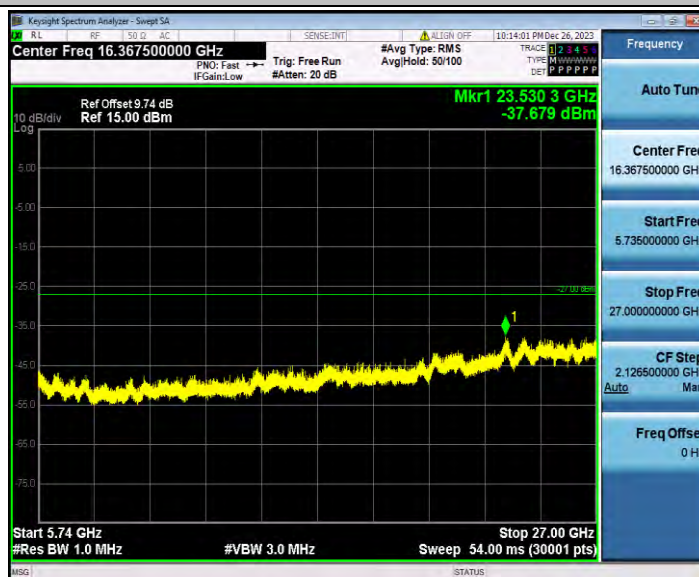
11N40SISO_Ant1_5590_5735~40000



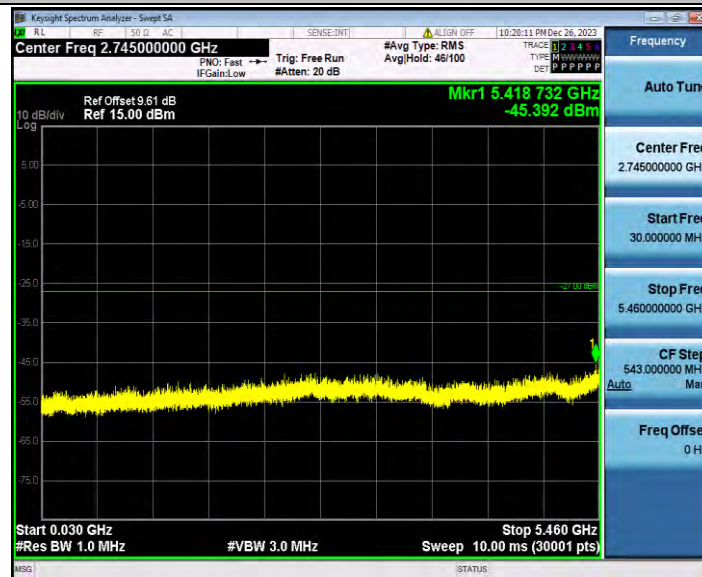
11N40SISO_Ant1_5670_30~5460



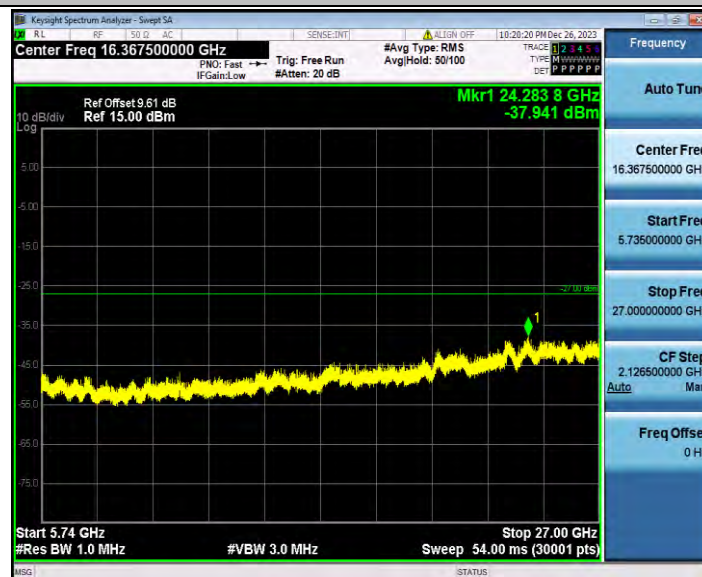
11N40SISO_Ant1_5670_5735~40000



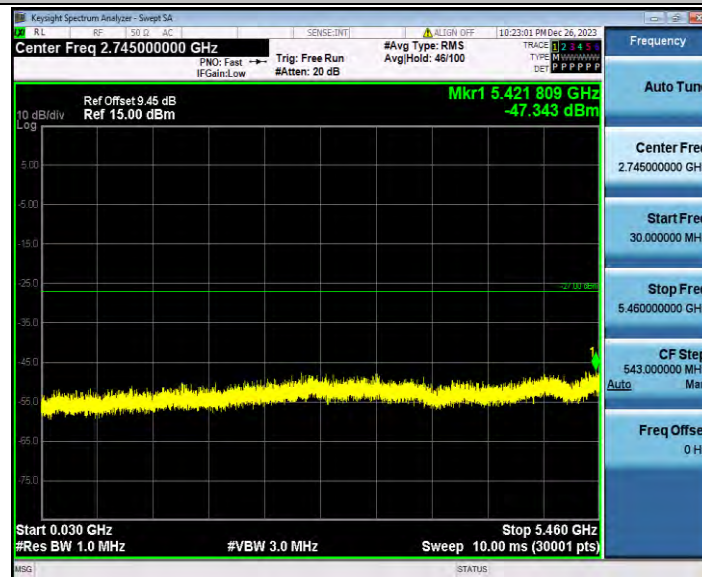
11AC20SISO_Ant1_5500_30~5460



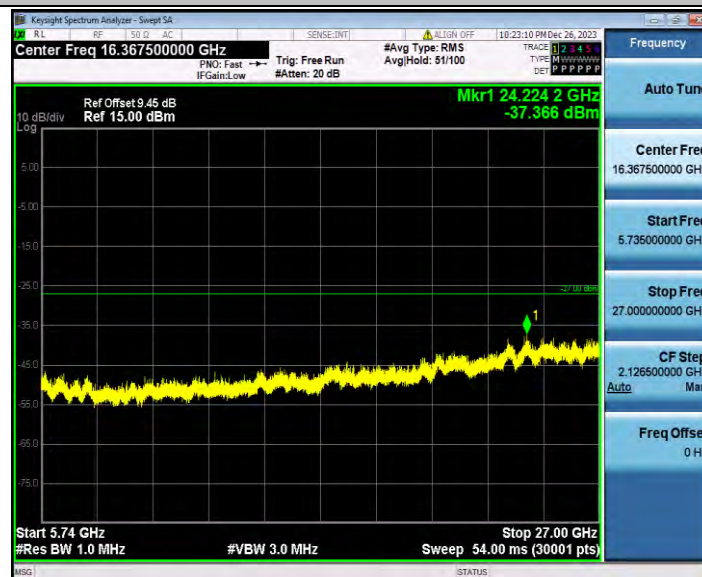
11AC20SISO_Ant1_5500_5735~40000



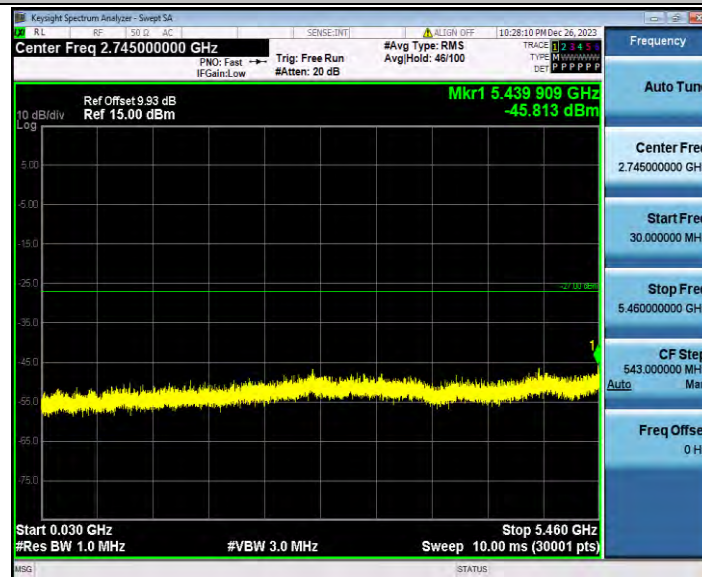
11AC20SISO_Ant1_5600_30~5460



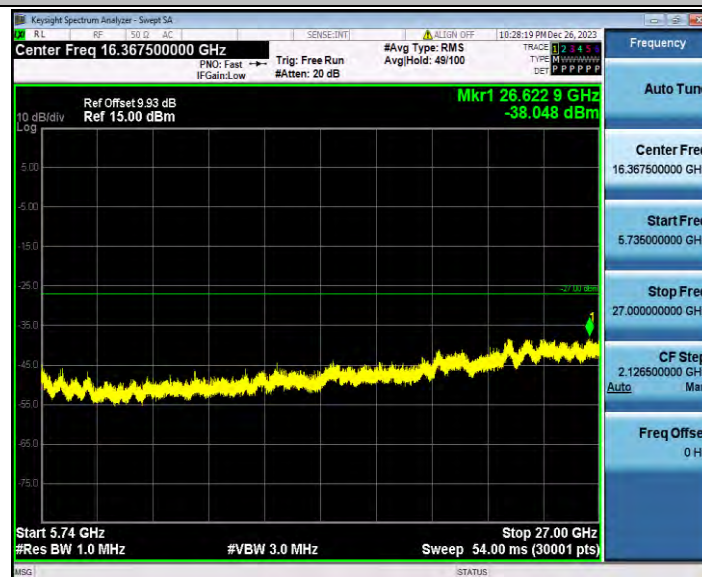
11AC20SISO_Ant1_5600_5735~40000



11AC20SISO_Ant1_5700_30~5460



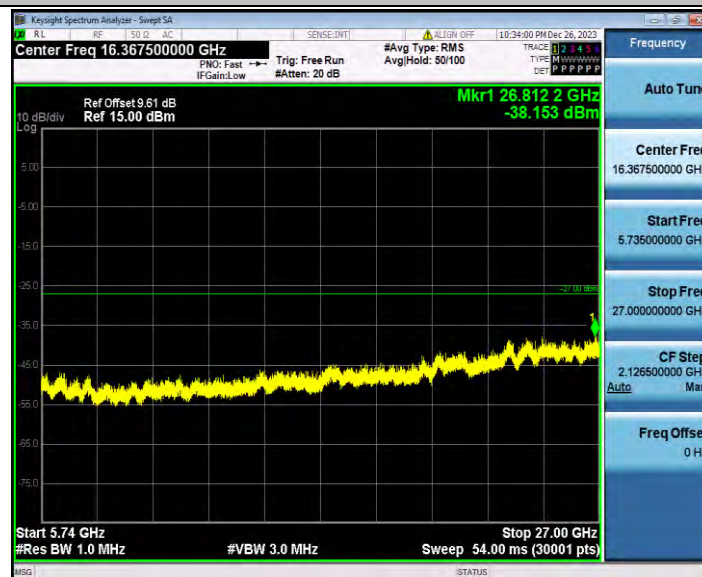
11AC20SISO_Ant1_5700_5735~40000



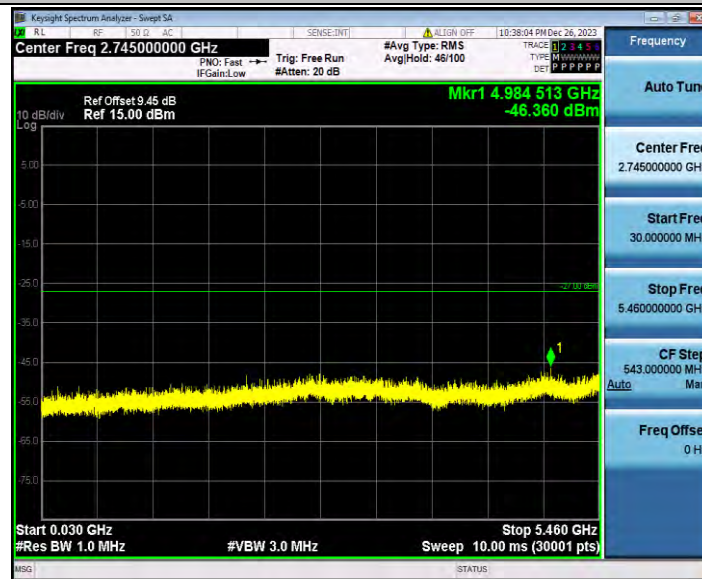
11AC40SISO_Ant1_5510_30~5460



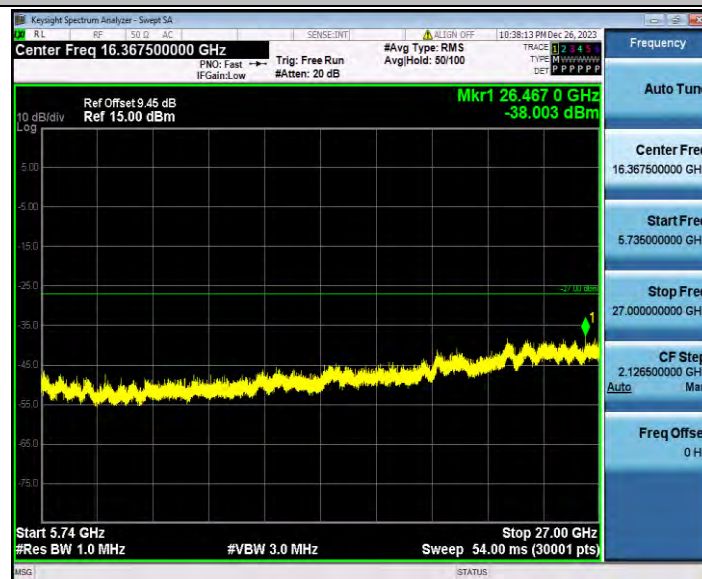
11AC40SISO_Ant1_5510_5735~40000



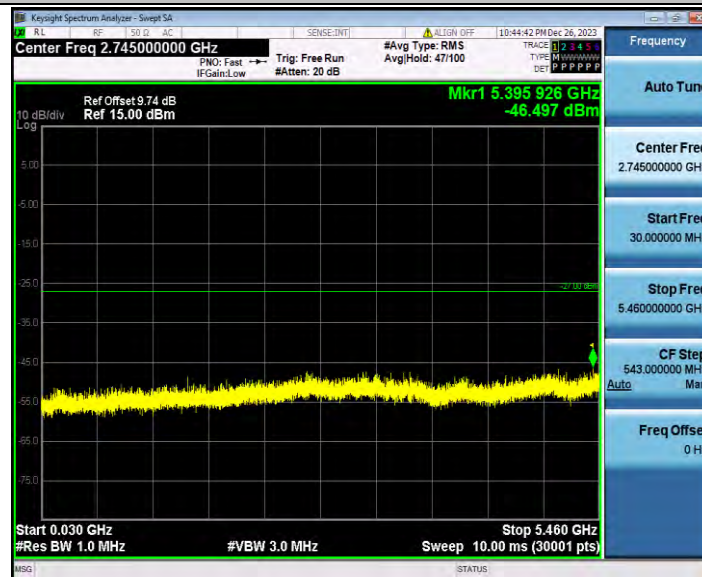
11AC40SISO_Ant1_5590_30~5460



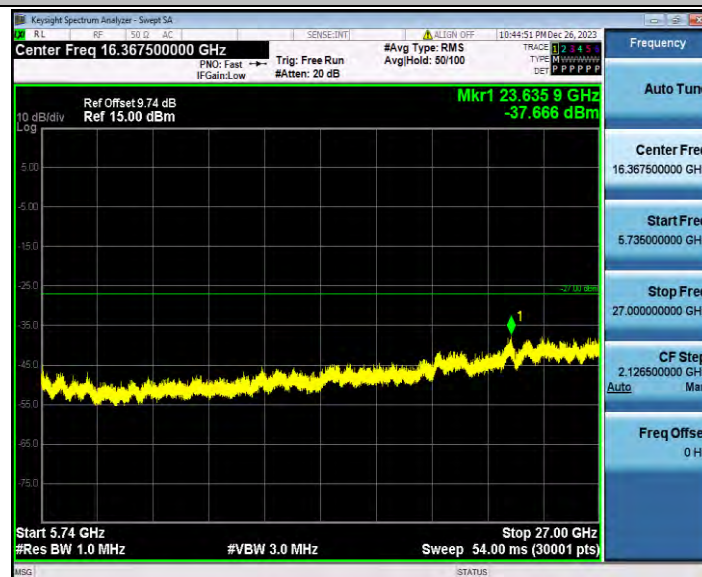
11AC40SISO_Ant1_5590_5735~40000



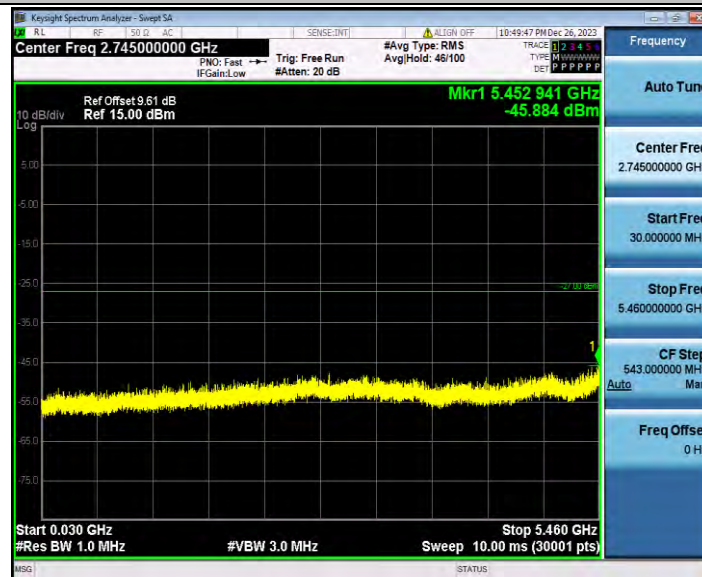
11AC40SISO_Ant1_5670_30~5460



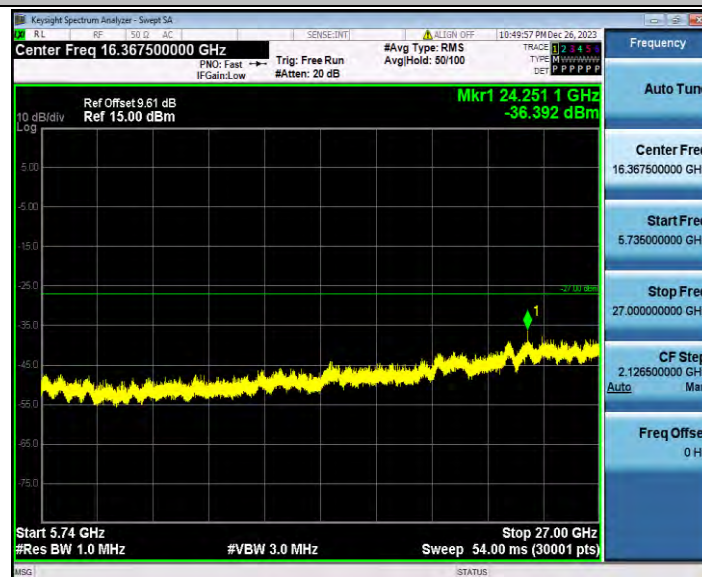
11AC40SISO_Ant1_5670_5735~40000

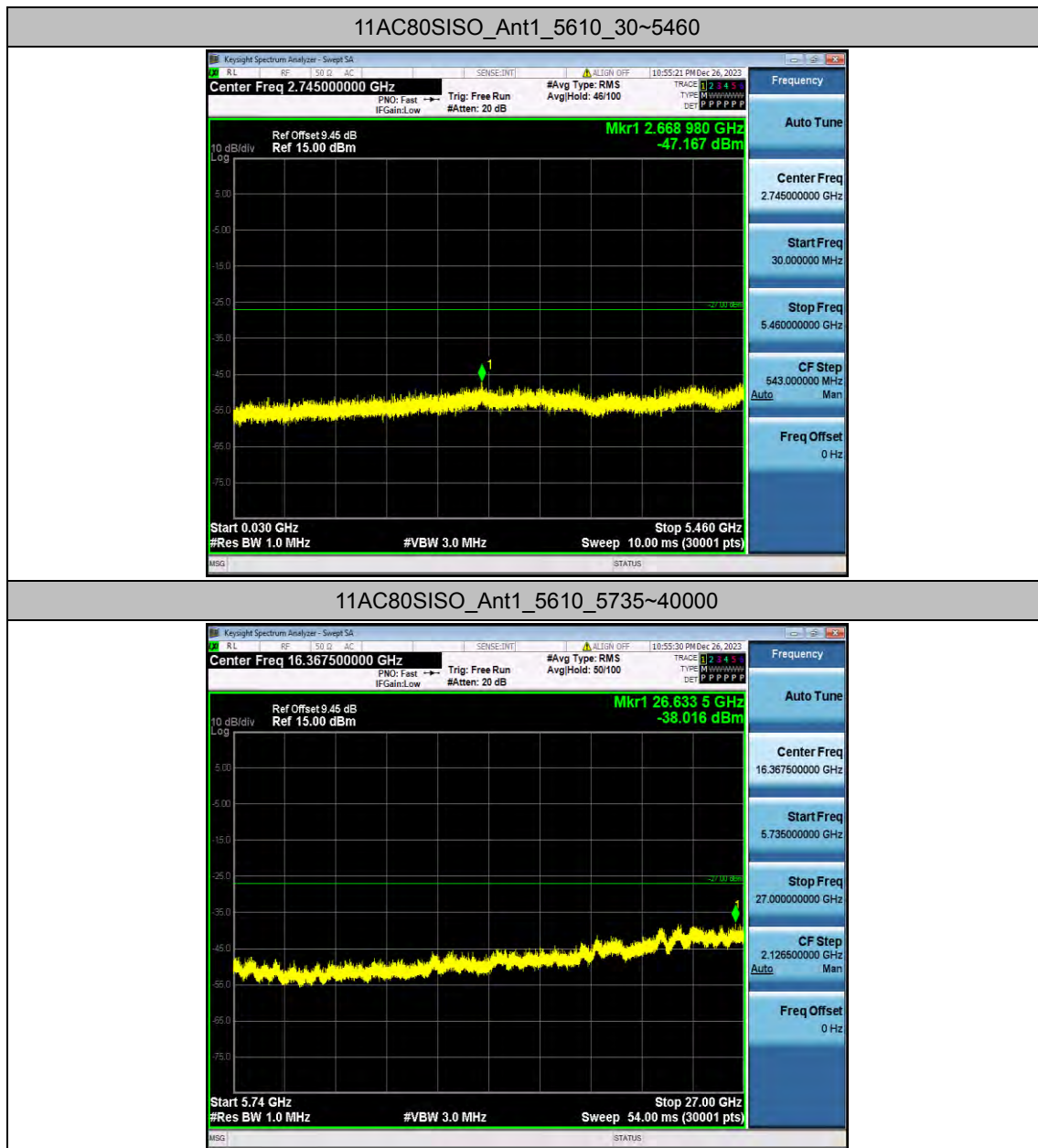


11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~40000

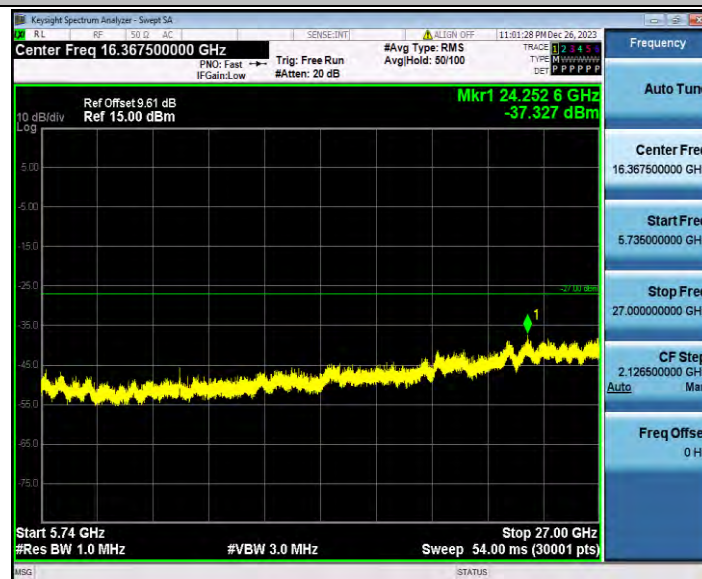




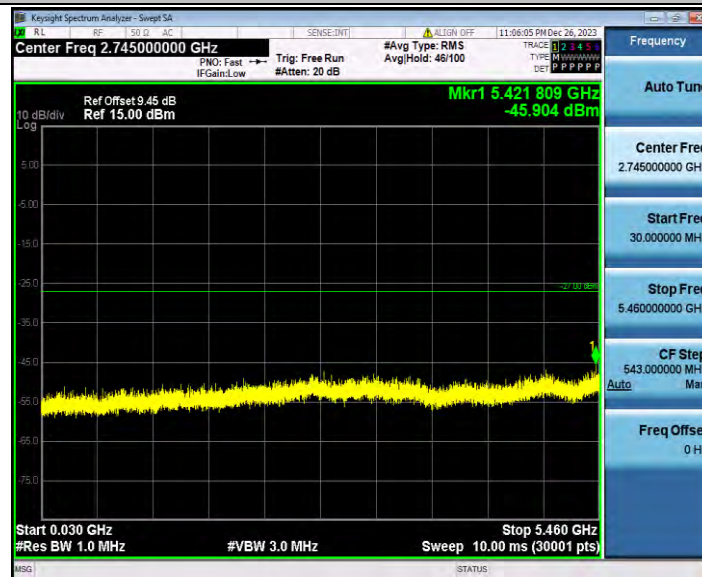
11AX20SISO_Ant1_5500_30~5460



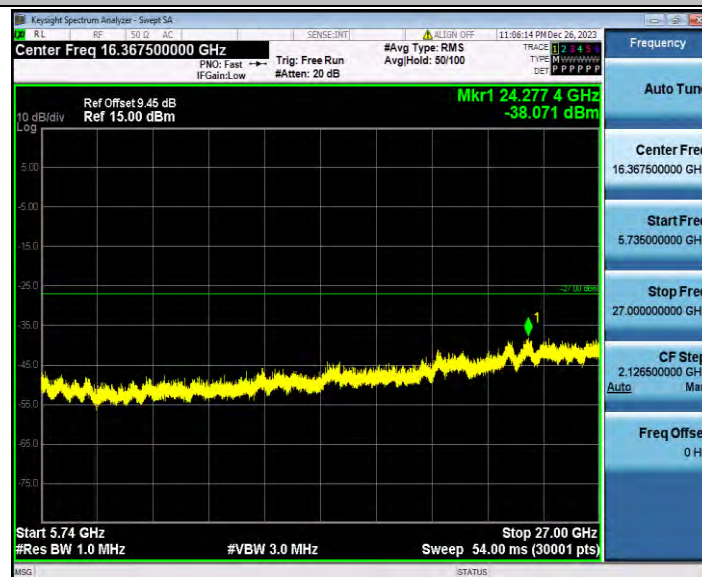
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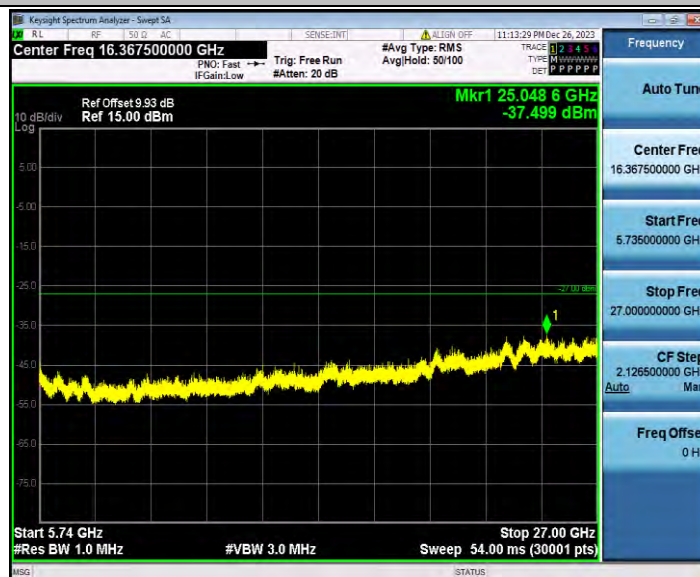
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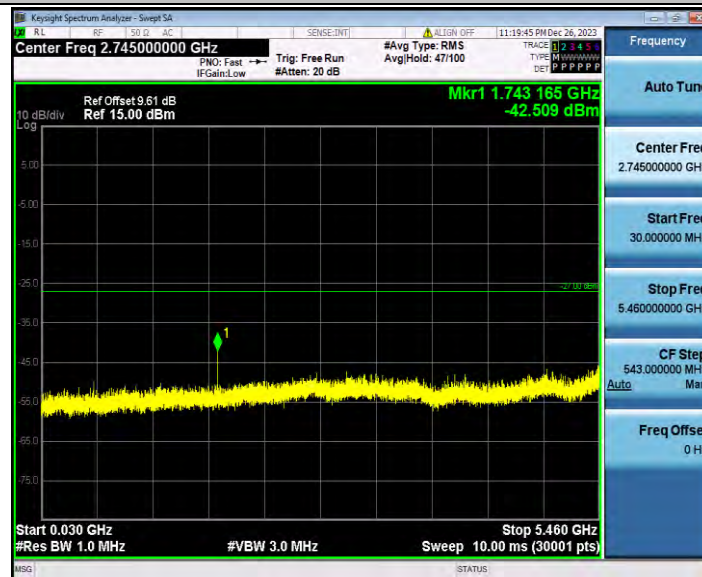
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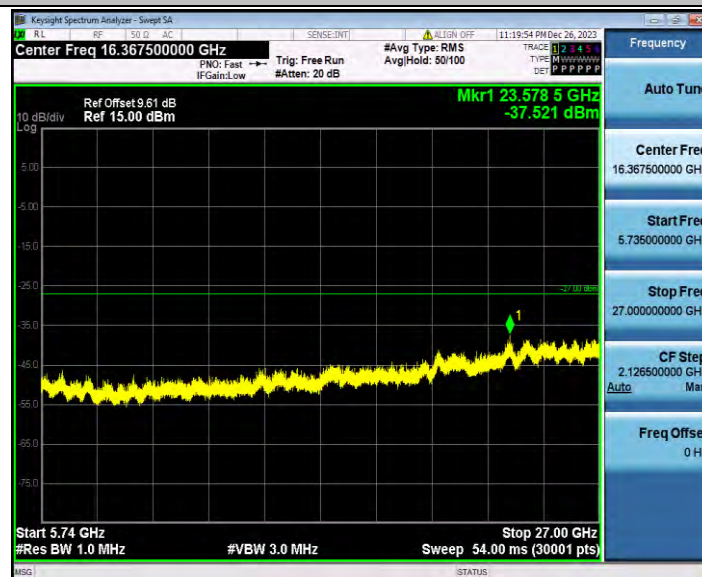
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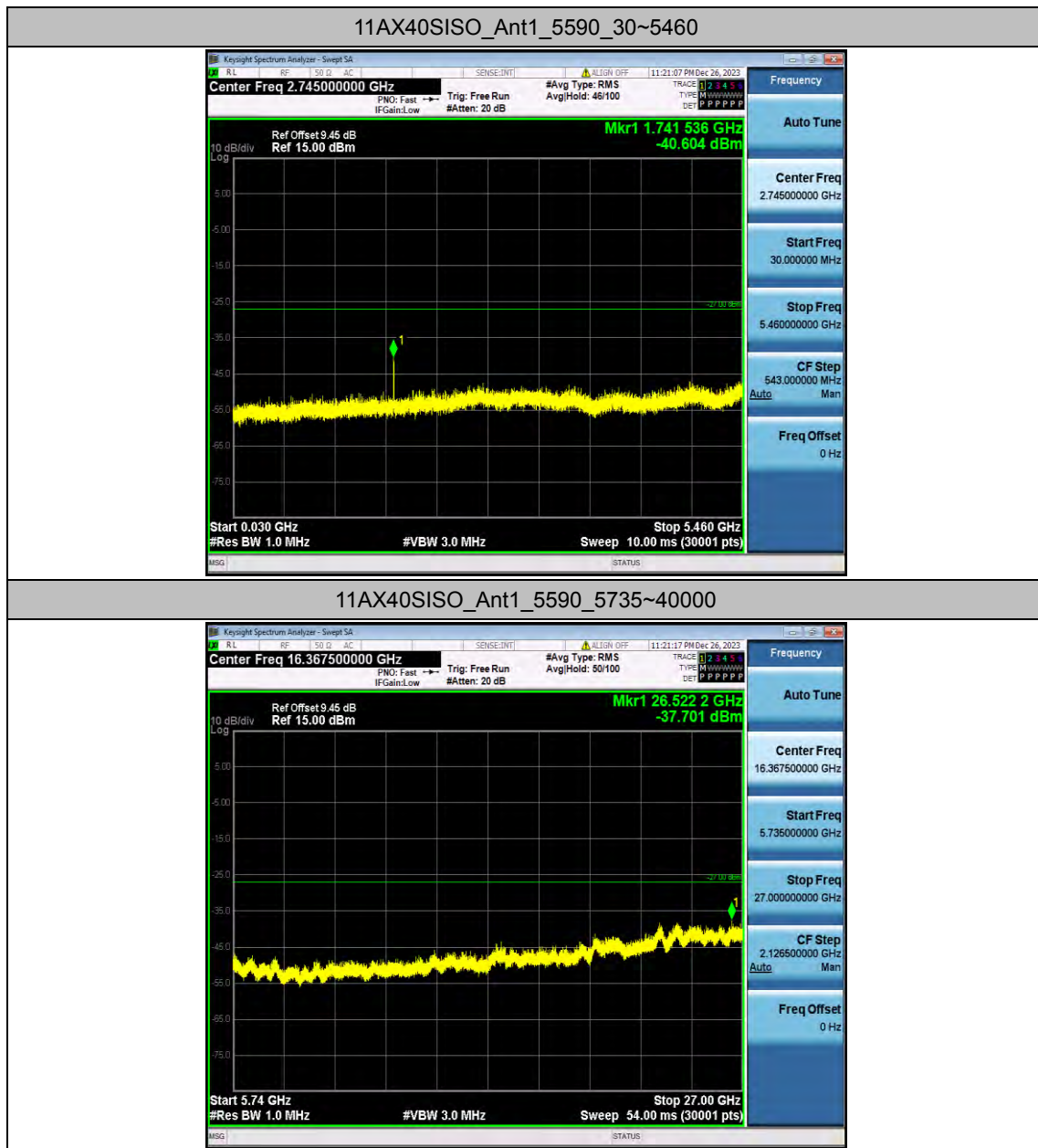


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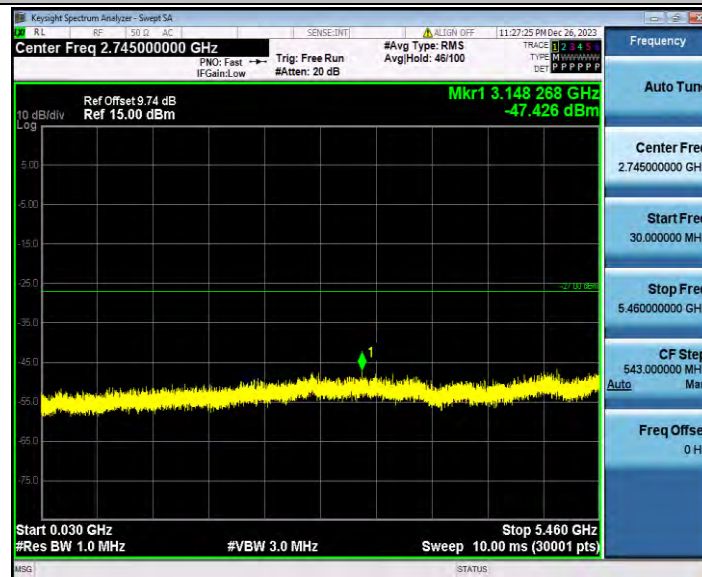


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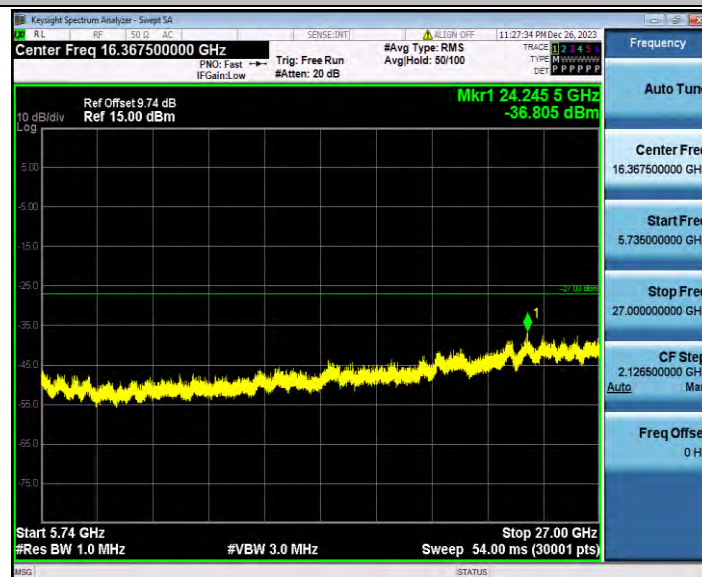




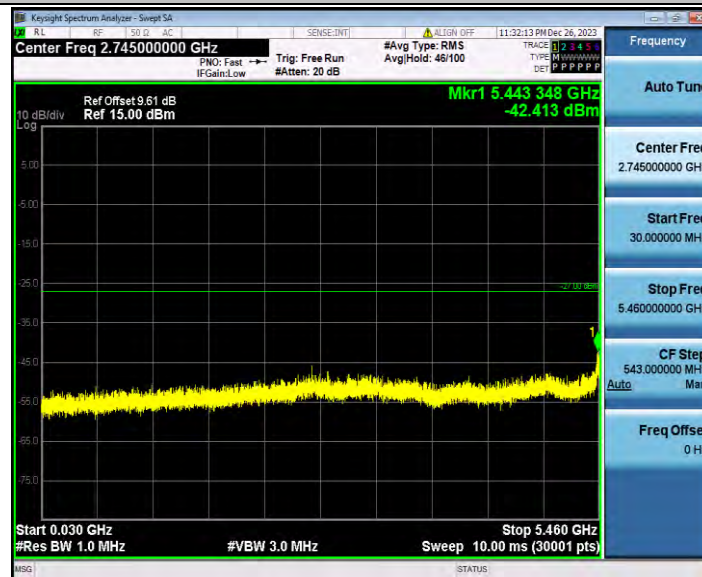
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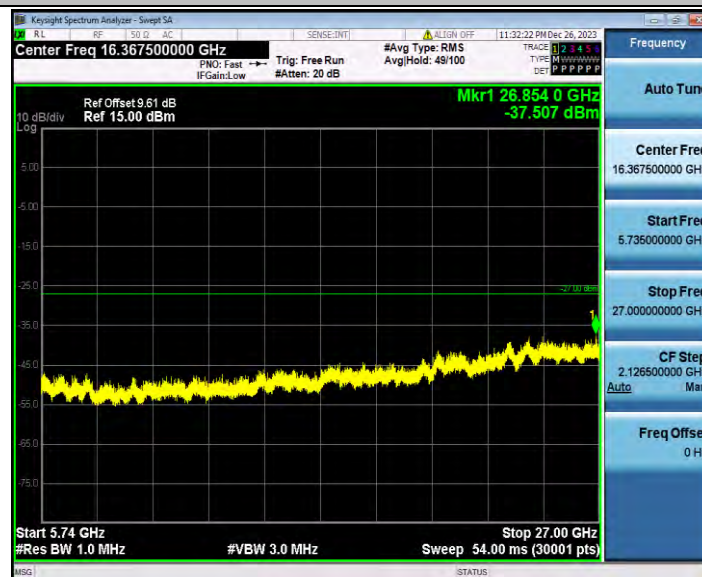
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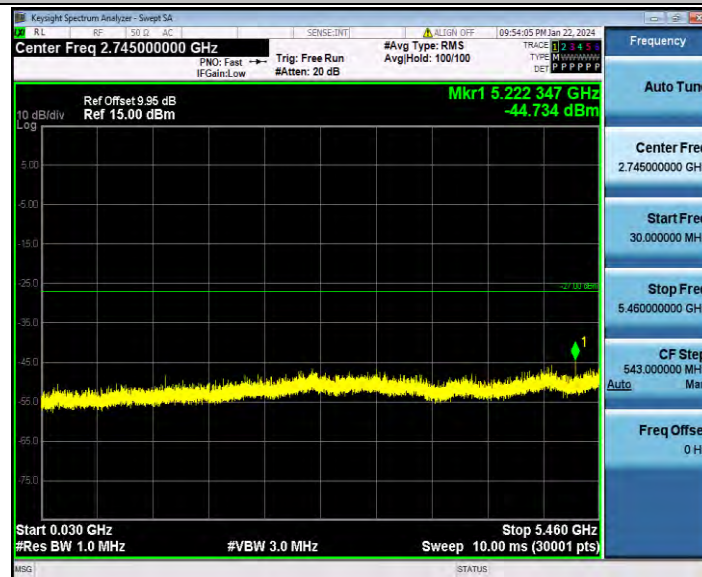
11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~40000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~40000

