

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	Ant0	5500	9.12	80.95	0.92	10.04	≤23.98	PASS
		5600	7.30	85.71	0.67	7.97	≤23.98	PASS
		5700	7.08	85.71	0.67	7.75	≤23.98	PASS
11N20SI SO	Ant0	5500	11.85	95.95	0.18	12.03	≤23.98	PASS
		5600	9.86	94.59	0.24	10.10	≤23.98	PASS
		5700	10.36	95.95	0.18	10.54	≤23.98	PASS
11N40SI SO	Ant0	5510	7.33	69.50	1.58	8.91	≤23.98	PASS
		5590	6.29	69.54	1.58	7.87	≤23.98	PASS
		5670	5.78	69.01	1.61	7.39	≤23.98	PASS
11AC20S ISO	Ant0	5500	9.81	80.95	0.92	10.73	≤23.98	PASS
		5600	7.84	80.95	0.92	8.76	≤23.98	PASS
		5700	7.43	85.00	0.71	8.14	≤23.98	PASS
11AC40S ISO	Ant0	5510	7.34	69.50	1.58	8.92	≤23.98	PASS
		5590	6.14	69.60	1.57	7.71	≤23.98	PASS
		5670	5.91	69.45	1.58	7.49	≤23.98	PASS
11AC80S ISO	Ant0	5530	4.28	48.32	3.16	7.44	≤23.98	PASS
		5610	3.19	48.23	3.17	6.36	≤23.98	PASS
11AX20SI SO	Ant0	5500	9.74	84.21	0.75	10.49	≤23.98	PASS
		5600	7.88	78.95	1.03	8.91	≤23.98	PASS
		5700	7.63	84.21	0.75	8.38	≤23.98	PASS
11AX40SI SO	Ant0	5510	6.21	56.80	2.46	8.67	≤23.98	PASS
		5590	6.47	56.70	2.46	8.93	≤23.98	PASS
		5670	6.31	56.80	2.46	8.77	≤23.98	PASS
11AX80SI SO	Ant0	5530	4.43	50.89	2.93	7.36	≤23.98	PASS
		5610	5.19	50.37	2.98	8.17	≤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	Ant0	5500	-0.81	≤11.00	PASS
		5600	-2.84	≤11.00	PASS
		5700	-2.93	≤11.00	PASS
11N20SISO	Ant0	5500	1.08	≤11.00	PASS
		5600	-0.92	≤11.00	PASS
		5700	-0.82	≤11.00	PASS
11N40SISO	Ant0	5510	-3.96	≤11.00	PASS
		5590	-5.02	≤11.00	PASS
		5670	-5.45	≤11.00	PASS
11AC20SISO	Ant0	5500	-0.81	≤11.00	PASS
		5600	-2.64	≤11.00	PASS
		5700	-3.25	≤11.00	PASS
11AC40SISO	Ant0	5510	-4.00	≤11.00	PASS
		5590	-5.13	≤11.00	PASS
		5670	-5.41	≤11.00	PASS
11AC80SISO	Ant0	5530	-7.82	≤11.00	PASS
		5610	-9.15	≤11.00	PASS
11AX20SISO	Ant0	5500	-1.33	≤11.00	PASS
		5600	-2.84	≤11.00	PASS
		5700	-3.43	≤11.00	PASS
11AX40SISO	Ant0	5510	-5.69	≤11.00	PASS
		5590	-5.23	≤11.00	PASS
		5670	-5.80	≤11.00	PASS
11AX80SISO	Ant0	5530	-9.12	≤11.00	PASS
		5610	-8.62	≤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

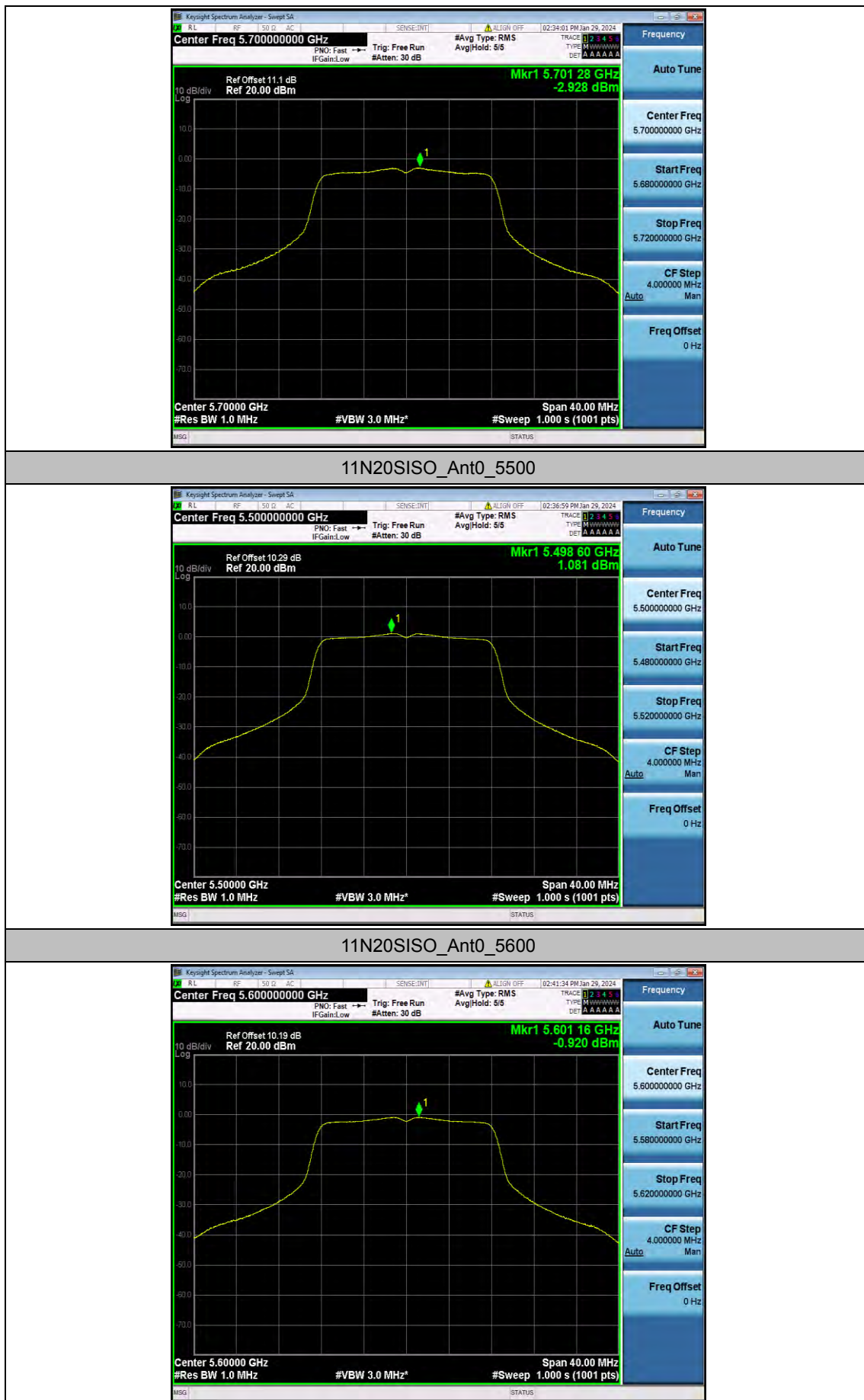
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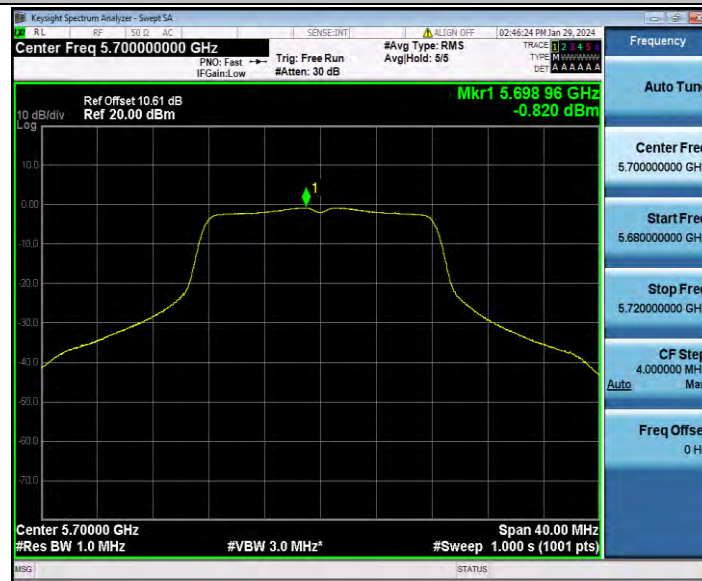
11A_Ant0_5600



11A_Ant0_5700



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



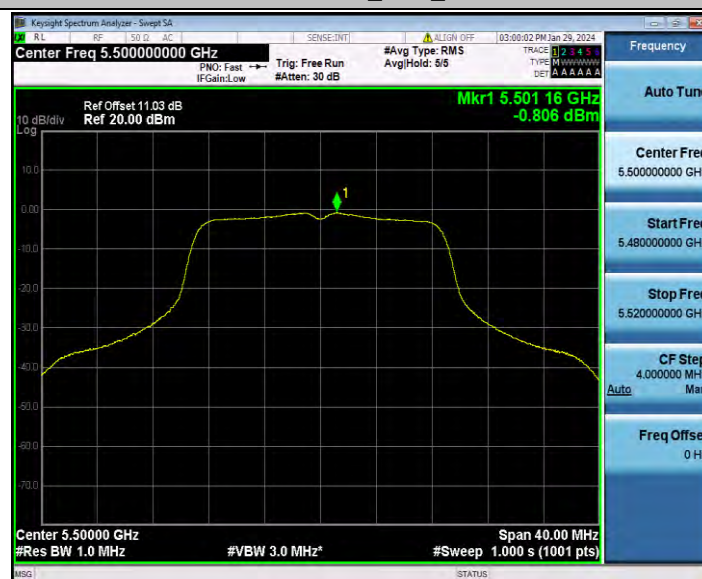
11N40SISO_Ant0_5590

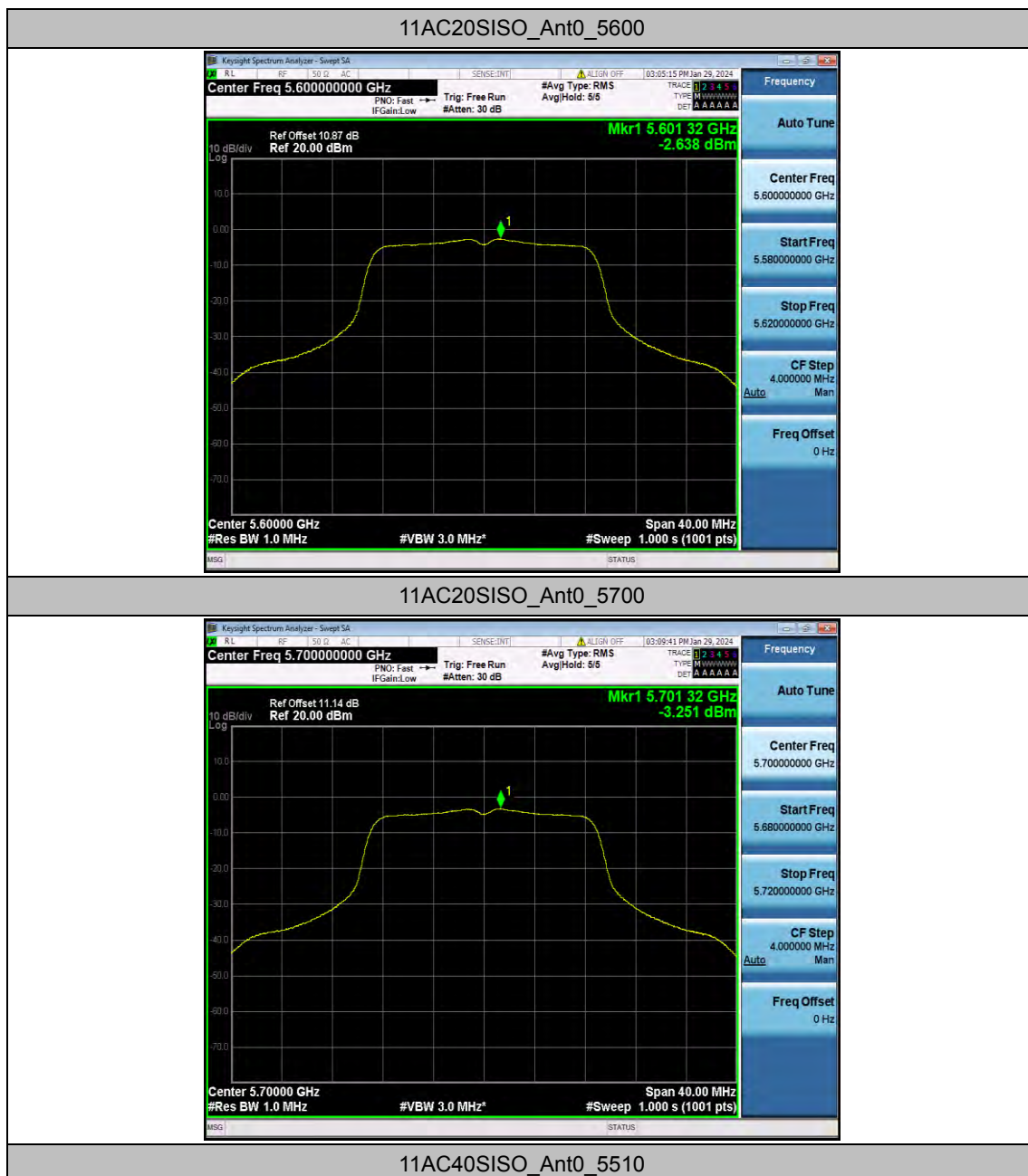


11N40SISO_Ant0_5670

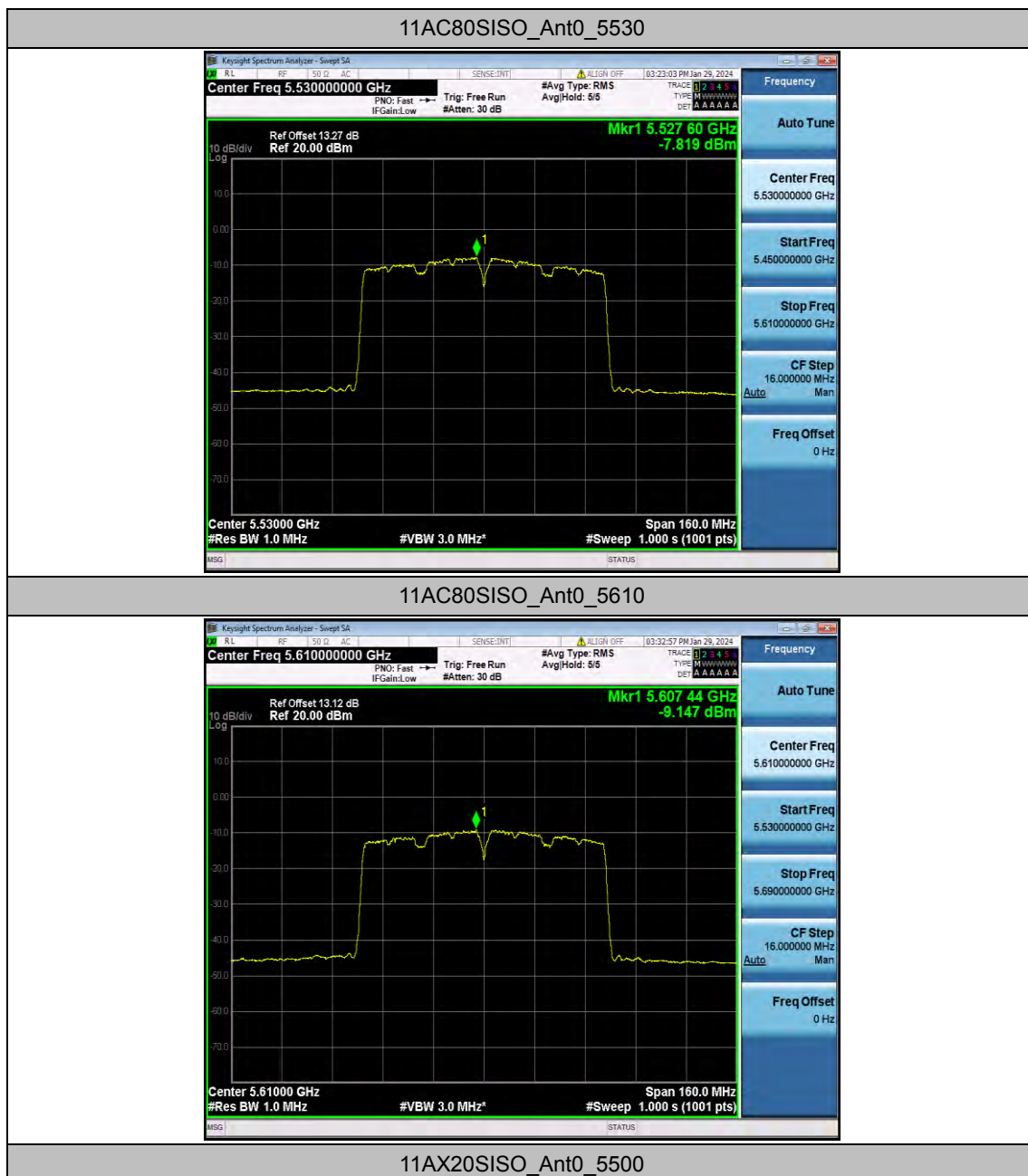


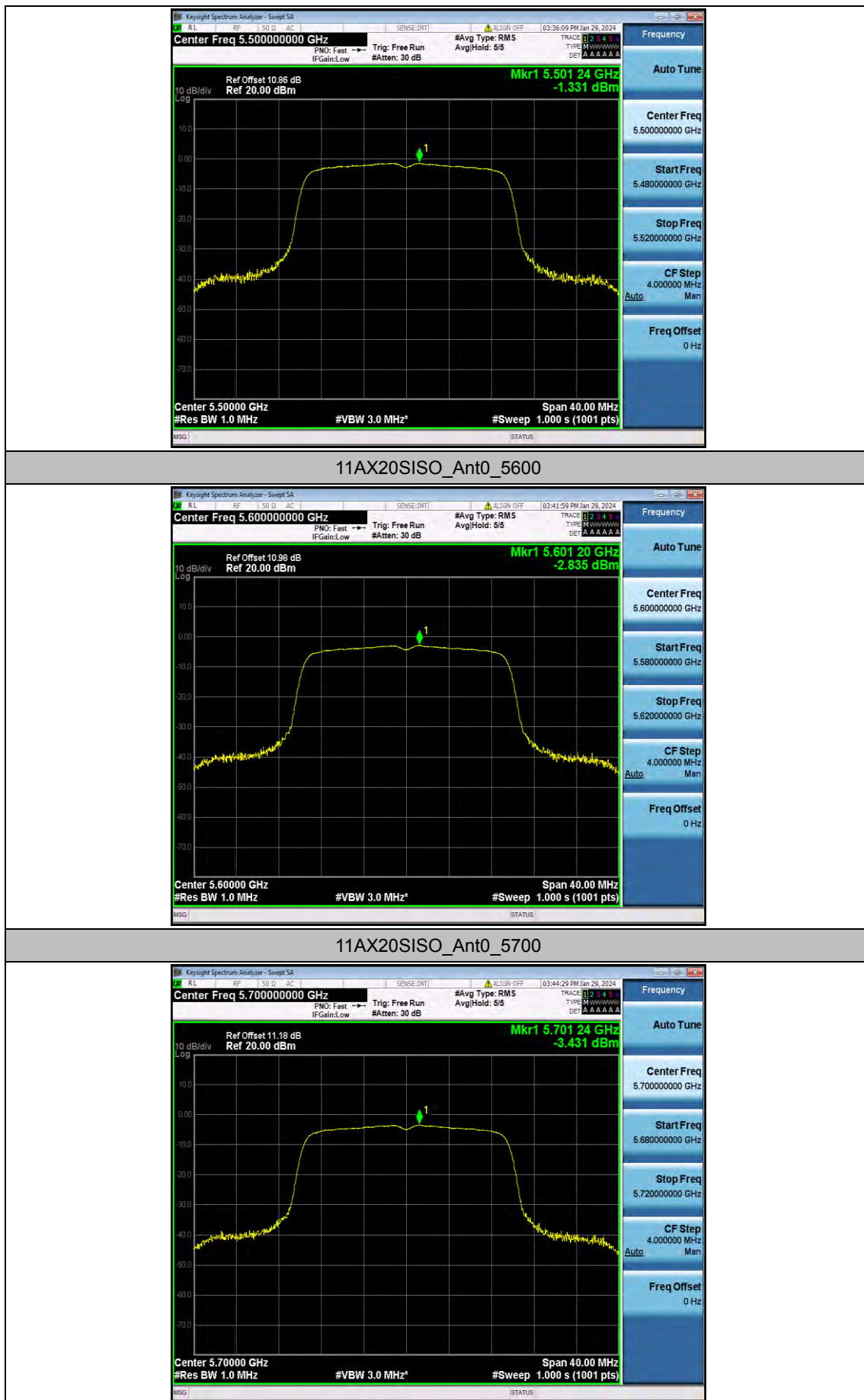
11AC20SISO_Ant0_5500











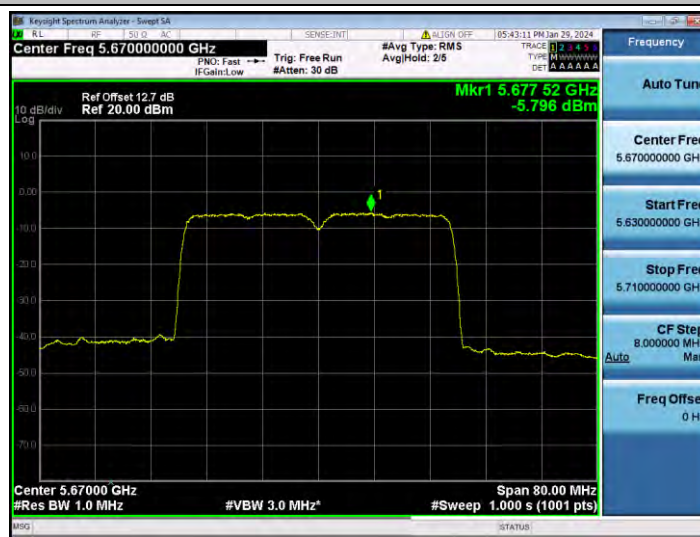
11AX40SISO_Ant0_5510

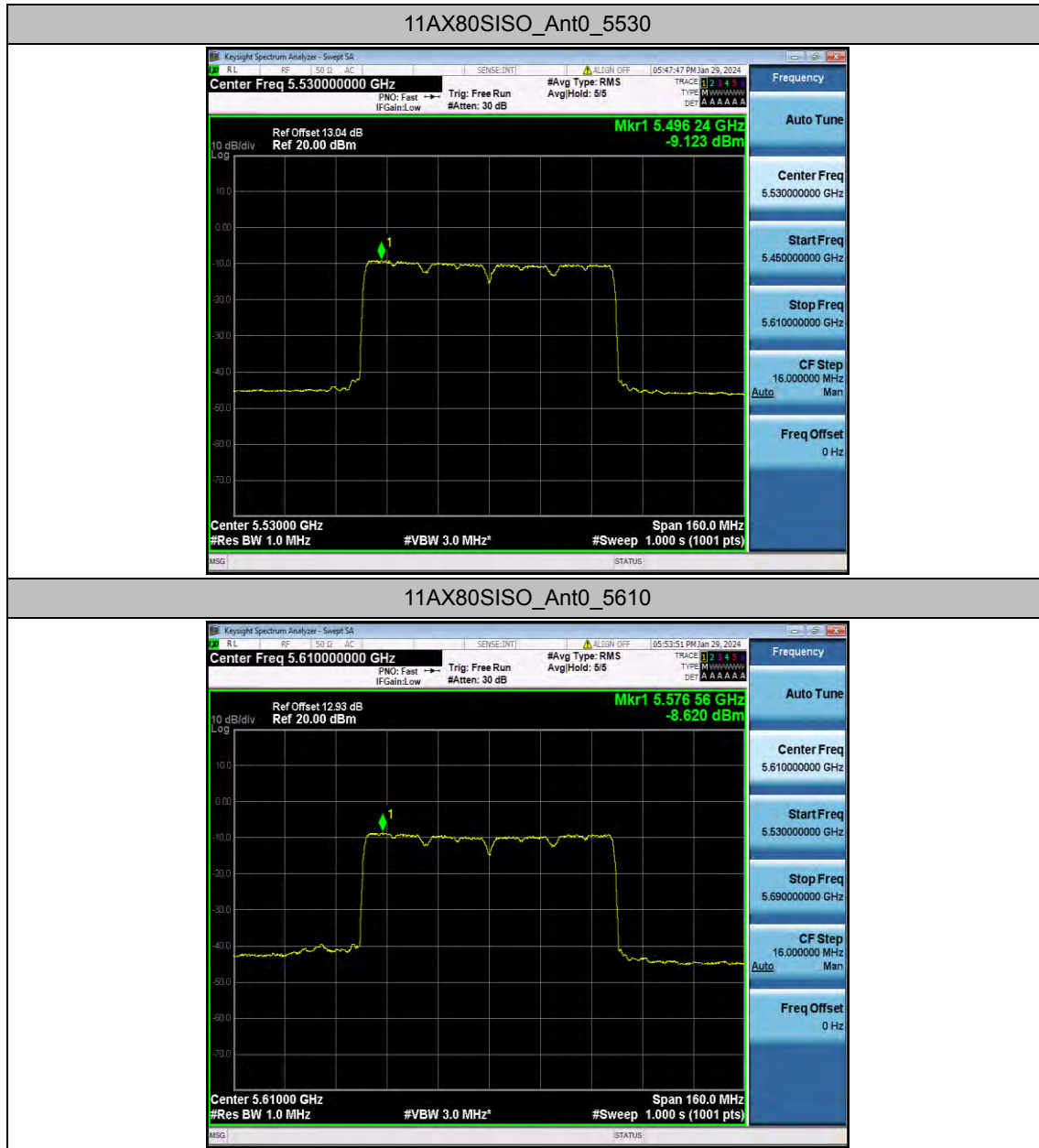


11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



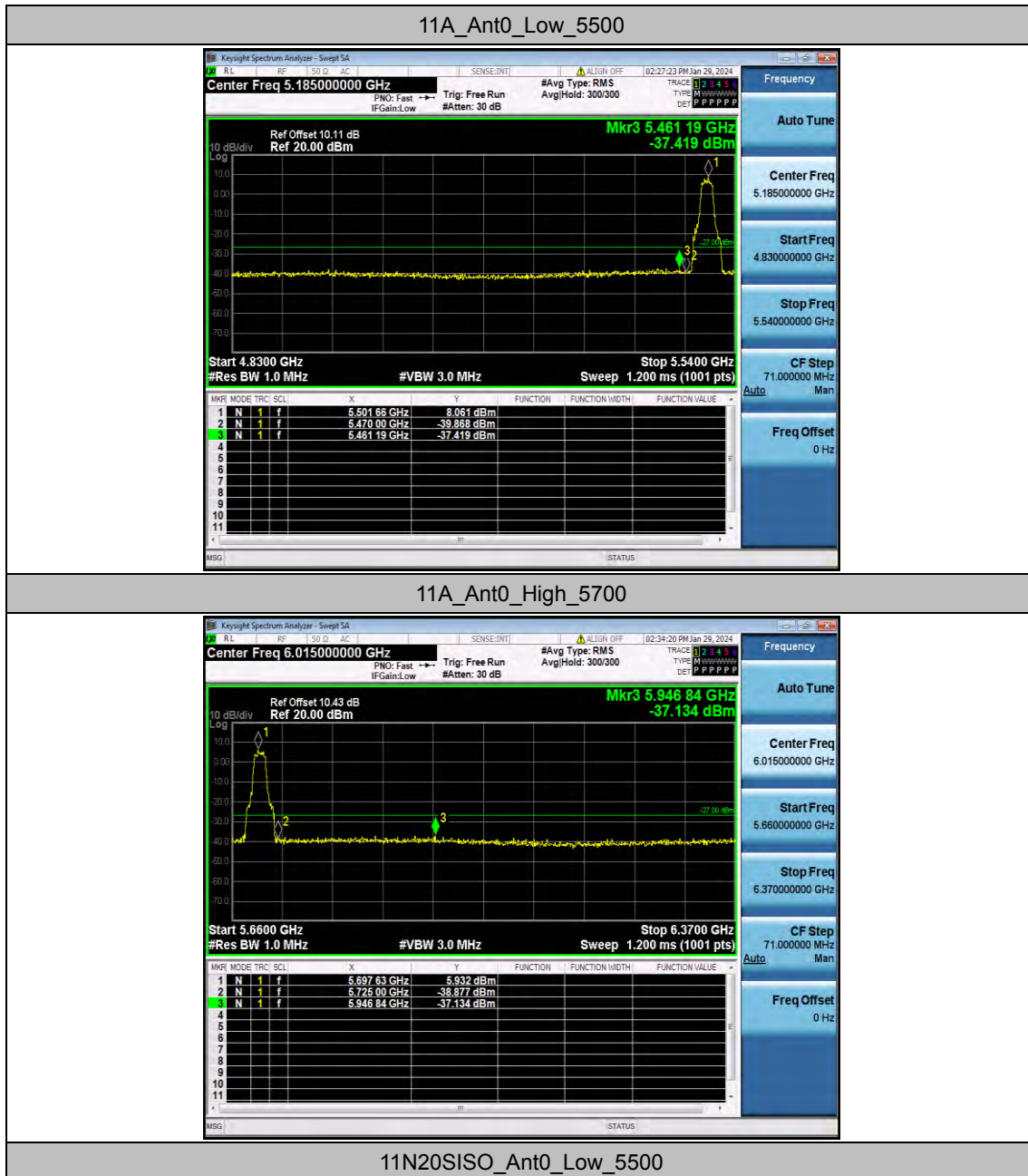


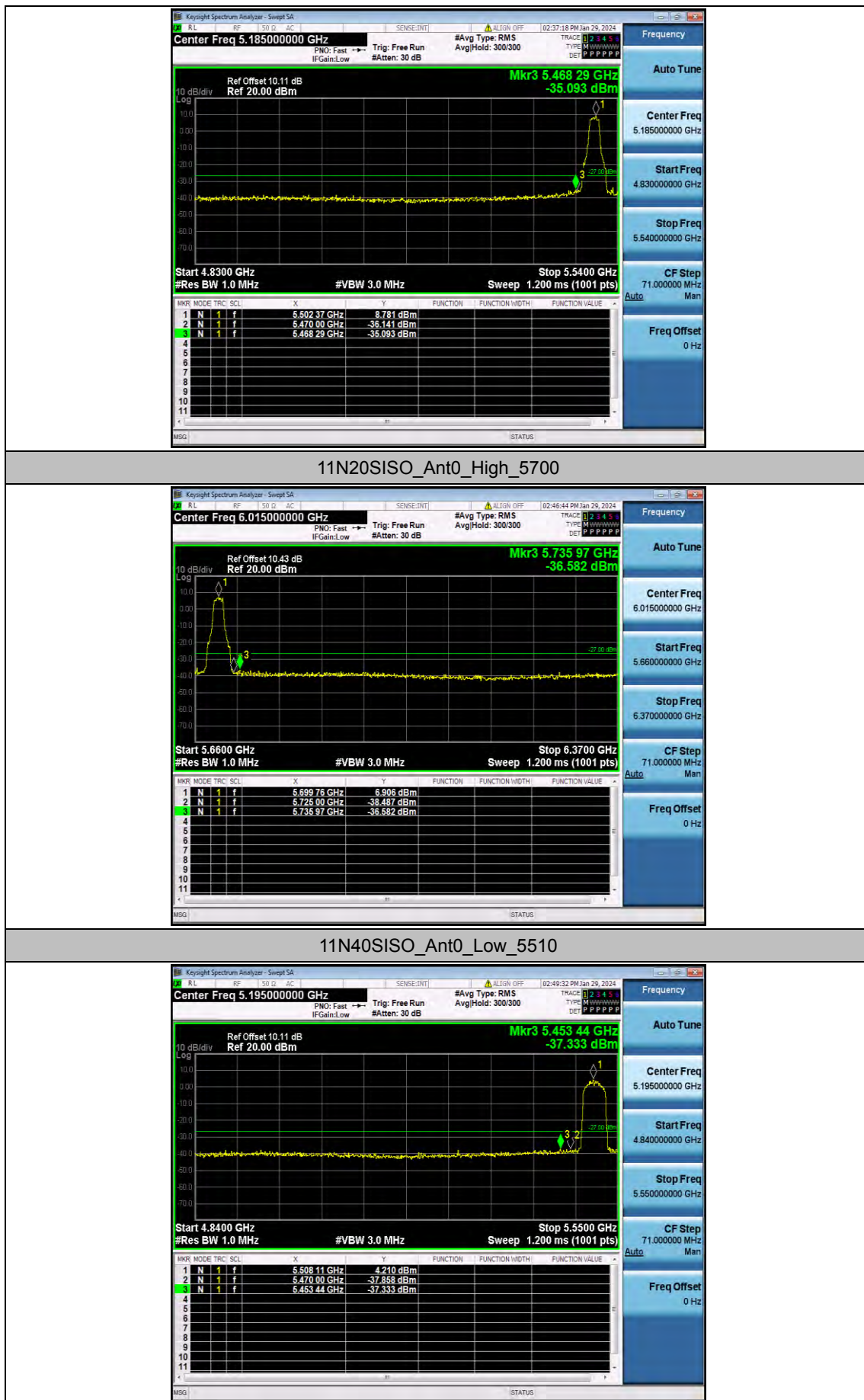
Appendix F.6: Band edge measurements

Test Result B3

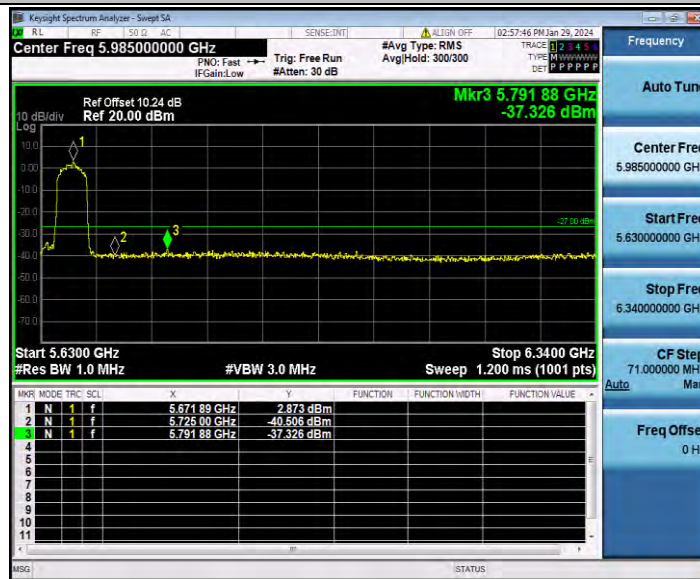
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-37.42	≤ -27	PASS
		High	5700	-37.13	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-35.09	≤ -27	PASS
		High	5700	-36.58	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-37.33	≤ -27	PASS
		High	5670	-37.33	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-36.72	≤ -27	PASS
		High	5700	-36.87	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-37.73	≤ -27	PASS
		High	5670	-37.21	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-37.34	≤ -27	PASS
		High	5610	-36.82	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-37.05	≤ -27	PASS
		High	5700	-37.04	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-36.58	≤ -27	PASS
		High	5670	-36.55	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-36.39	≤ -27	PASS
		High	5610	-37.23	≤ -27	PASS

Test Graphs B3





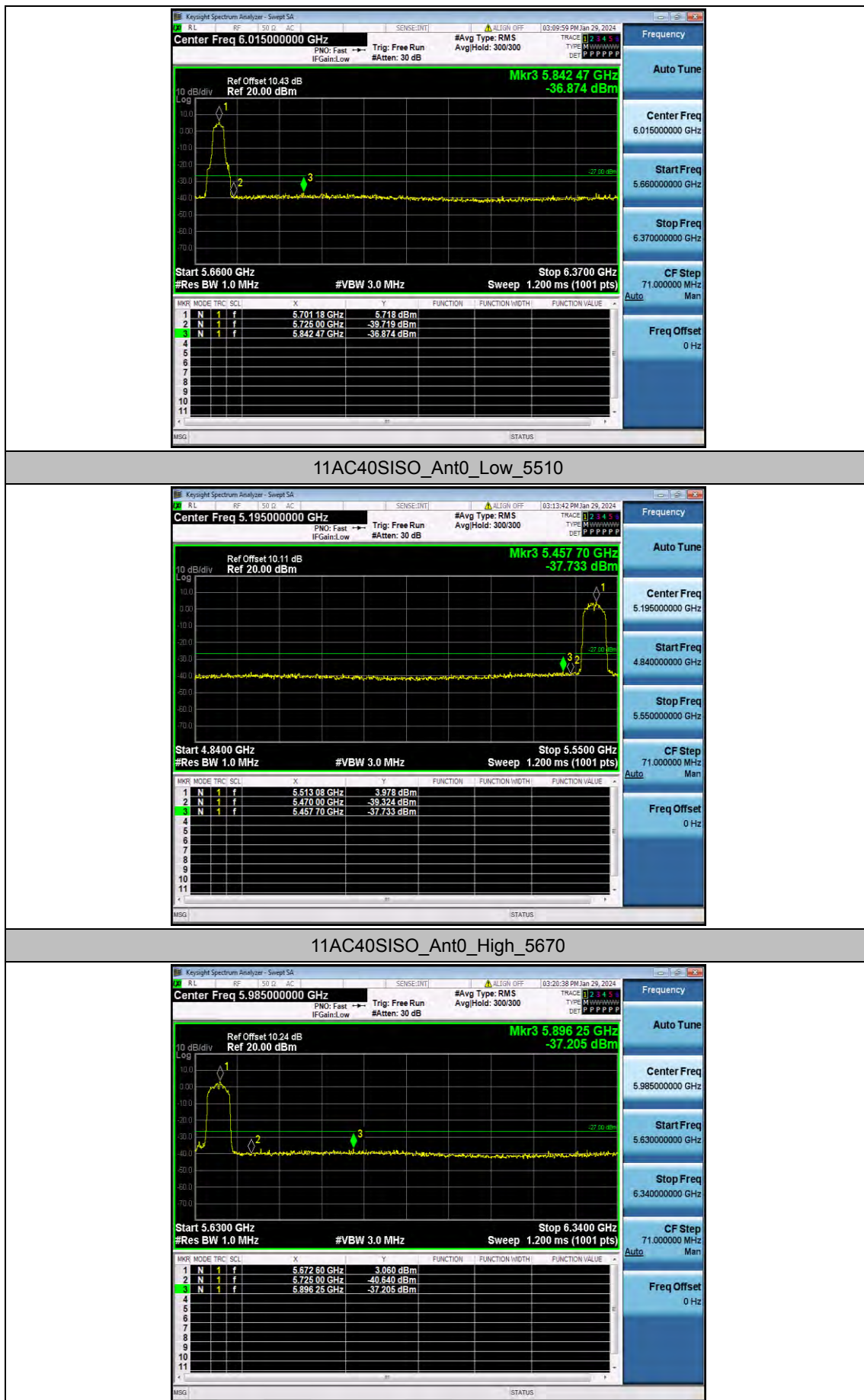
11N40SISO_Ant0_High_5670



11AC20SISO_Ant0_Low_5500



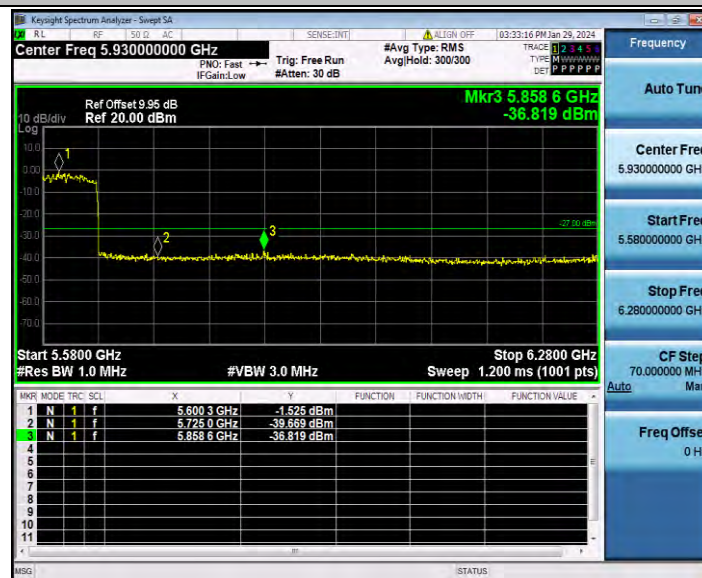
11AC20SISO_Ant0_High_5700



11AC80SISO_Ant0_Low_5530



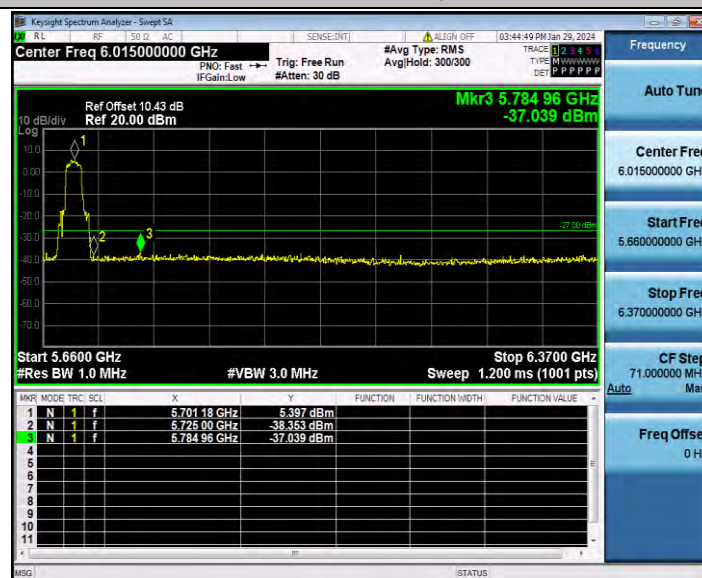
11AC80SISO_Ant0_High_5610



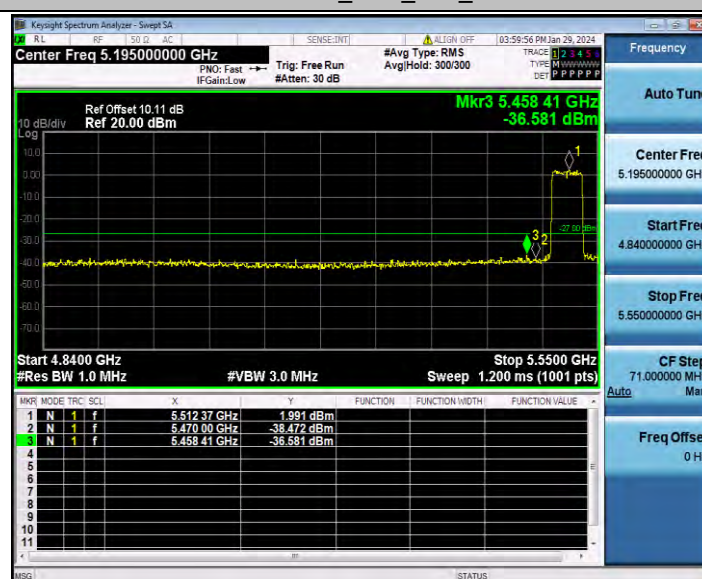
11AX20SISO_Ant0_Low_5500



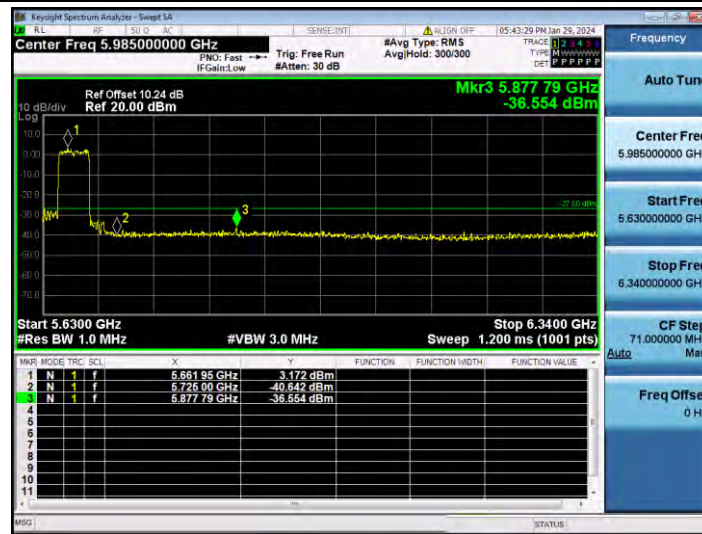
11AX20SISO_Ant0_High_5700



11AX40SISO_Ant0_Low_5510



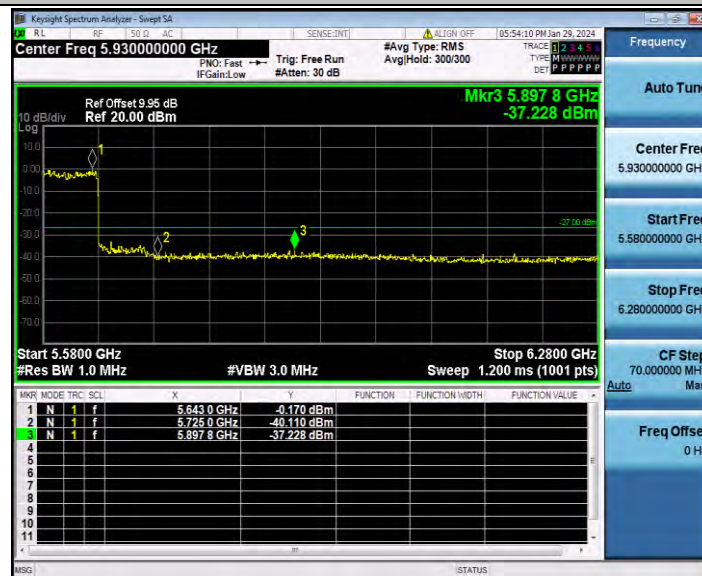
11AX40SISO_Ant0_High_5670



11AX80SISO_Ant0_Low_5530



11AX80SISO_Ant0_High_5610



Appendix F.7: Conducted Spurious Emission

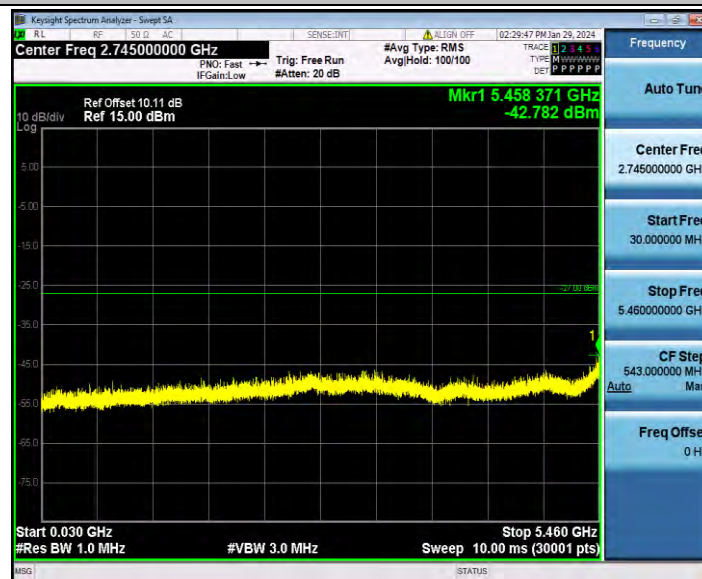
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5458.37	-42.78	≤-27	PASS
			5735~40000	26443.57	-36.93	≤-27	PASS
		5600	30~5460	5432.67	-45.91	≤-27	PASS
			5735~40000	24228.46	-37.85	≤-27	PASS
		5700	30~5460	5441.18	-45.82	≤-27	PASS
			5735~40000	24221.37	-36.9	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5455.11	-38.62	≤-27	PASS
			5735~40000	24145.53	-37.25	≤-27	PASS
		5600	30~5460	5408.78	-45.79	≤-27	PASS
			5735~40000	24249.73	-37.79	≤-27	PASS
		5700	30~5460	5454.93	-45.82	≤-27	PASS
			5735~40000	26101.2	-36.92	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5459.64	-44.57	≤-27	PASS
			5735~40000	24985.5	-37.79	≤-27	PASS
		5590	30~5460	3183.93	-46.62	≤-27	PASS
			5735~40000	25247.06	-36.85	≤-27	PASS
		5670	30~5460	5418.73	-45.68	≤-27	PASS
			5735~40000	23525.3	-37.43	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5458.55	-43.86	≤-27	PASS
			5735~40000	26053	-36.98	≤-27	PASS
		5600	30~5460	2675.68	-45.86	≤-27	PASS
			5735~40000	24149.07	-37.67	≤-27	PASS
		5700	30~5460	4898	-45.03	≤-27	PASS
			5735~40000	23480.64	-37.04	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5459.82	-43.47	≤-27	PASS
			5735~40000	26045.91	-37.48	≤-27	PASS
		5590	30~5460	5445.52	-46.03	≤-27	PASS
			5735~40000	24219.25	-37.81	≤-27	PASS
		5670	30~5460	2612.69	-45.66	≤-27	PASS
			5735~40000	26054.42	-37.67	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5439	-42.77	≤-27	PASS
			5735~40000	25287.46	-37.65	≤-27	PASS
		5610	30~5460	2685.81	-46.25	≤-27	PASS
			5735~40000	24231.3	-37.54	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5446.79	-43.53	≤-27	PASS
			5735~40000	25217.28	-37.77	≤-27	PASS
		5600	30~5460	2654.86	-46.03	≤-27	PASS

		5700	5735~40000	24202.94	-36.66	≤ -27	PASS
			30~5460	2642.74	-45.51	≤ -27	PASS
			5735~40000	23558.61	-36.65	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5415.11	-43.88	≤ -27	PASS
			5735~40000	24334.79	-37.13	≤ -27	PASS
		5590	30~5460	5416.92	-45.77	≤ -27	PASS
			5735~40000	24754.42	-37.34	≤ -27	PASS
		5670	30~5460	5416.92	-46.24	≤ -27	PASS
			5735~40000	26714.34	-36.75	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5436.47	-42.65	≤ -27	PASS
			5735~40000	24173.17	-37.02	≤ -27	PASS
		5610	30~5460	5452.94	-42.83	≤ -27	PASS
			5735~40000	24811.83	-37.42	≤ -27	PASS

Test Graphs

11A_Ant0_5500_30~5460



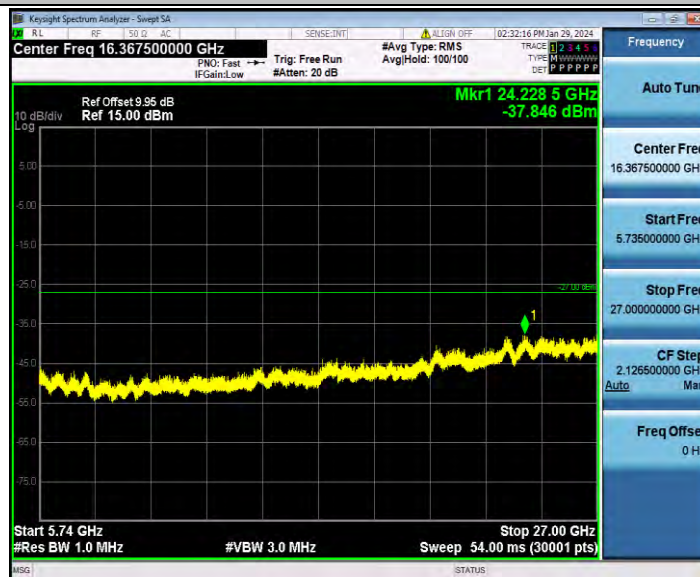
11A_Ant0_5500_5735~40000



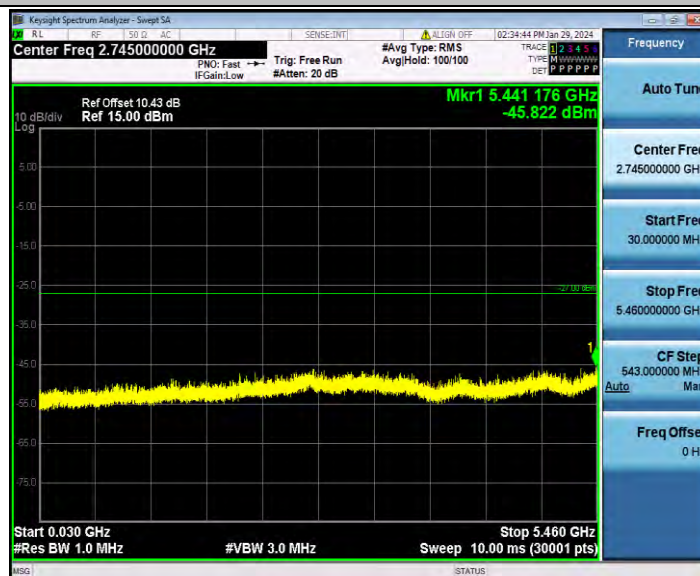
11A_Ant0_5600_30~5460



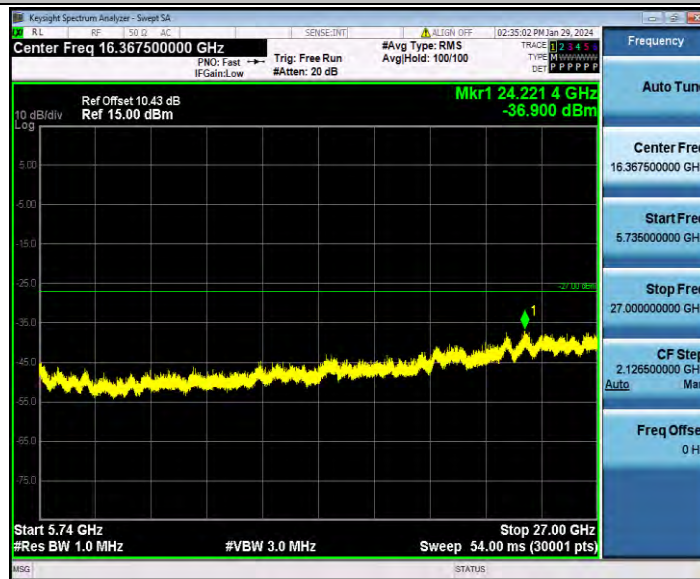
11A_Ant0_5600_5735~40000



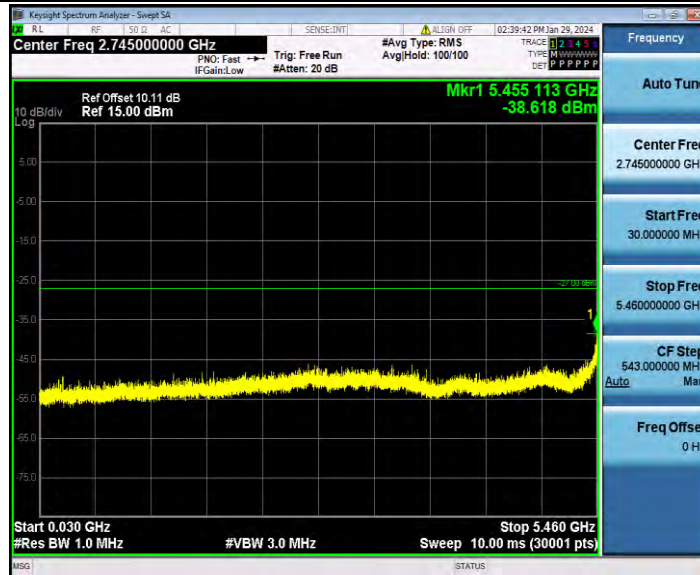
11A_Ant0_5700_30~5460



11A_Ant0_5700_5735~40000



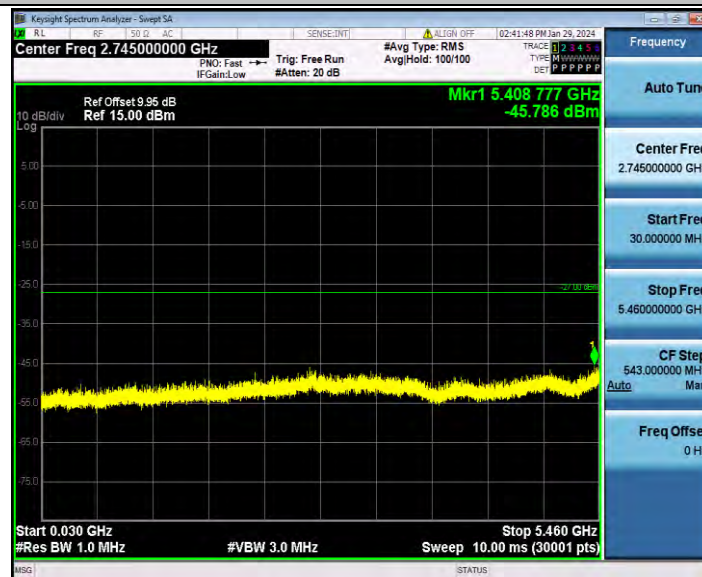
11N20SISO_Ant0_5500_30~5460



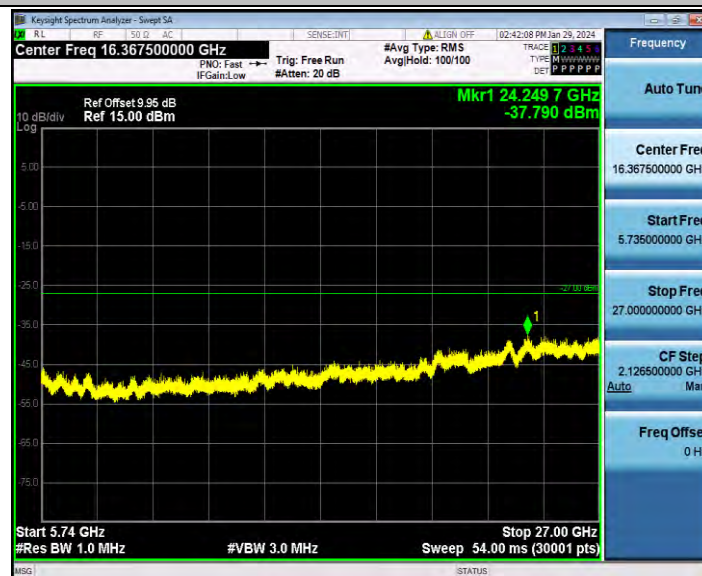
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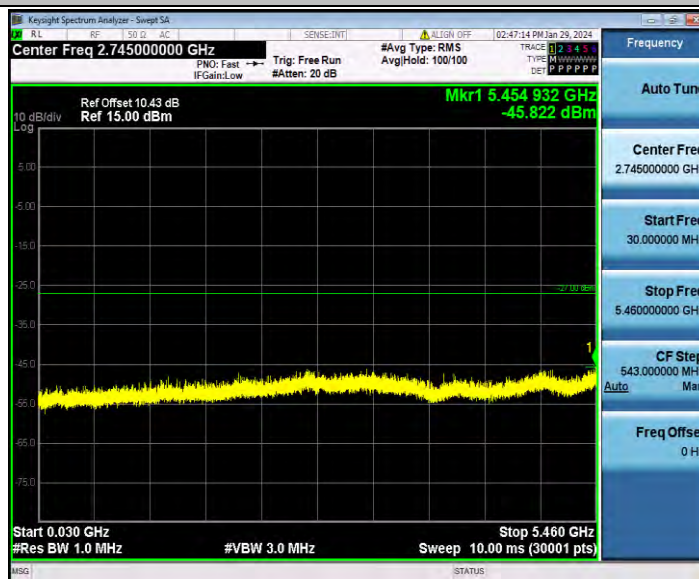
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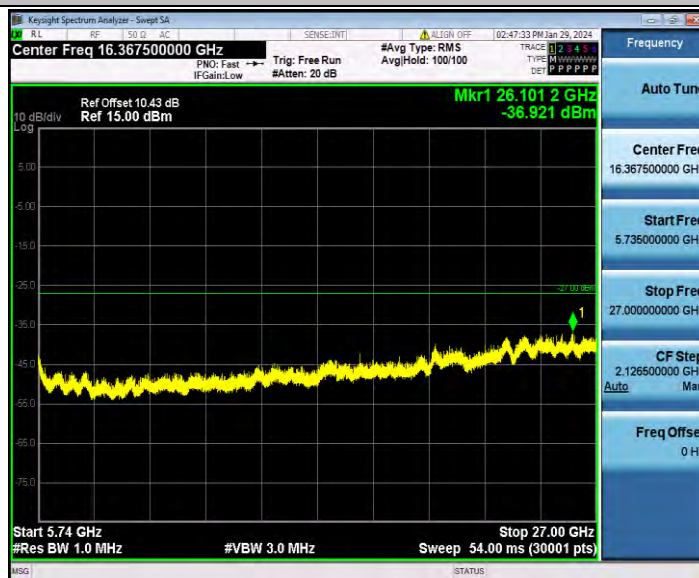
11N20SISO_Ant0_5600_5735~40000



11N20SISO_Ant0_5700_30~5460



11N20SISO_Ant0_5700_5735~40000



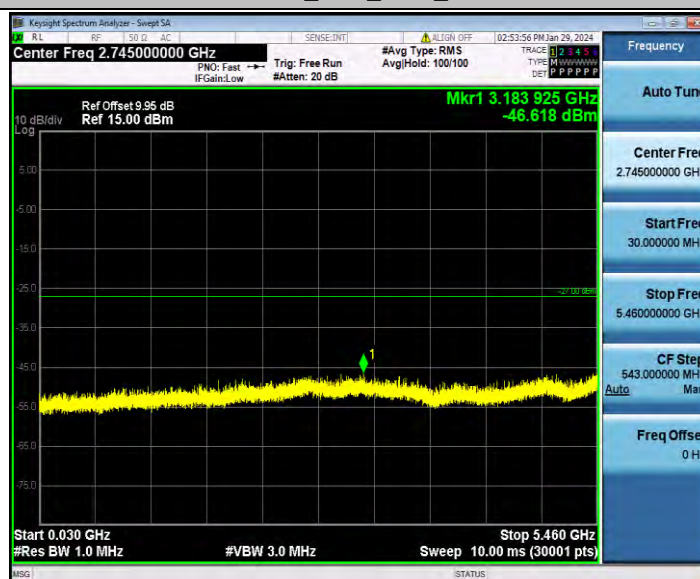
11N40SISO_Ant0_5510_30~5460

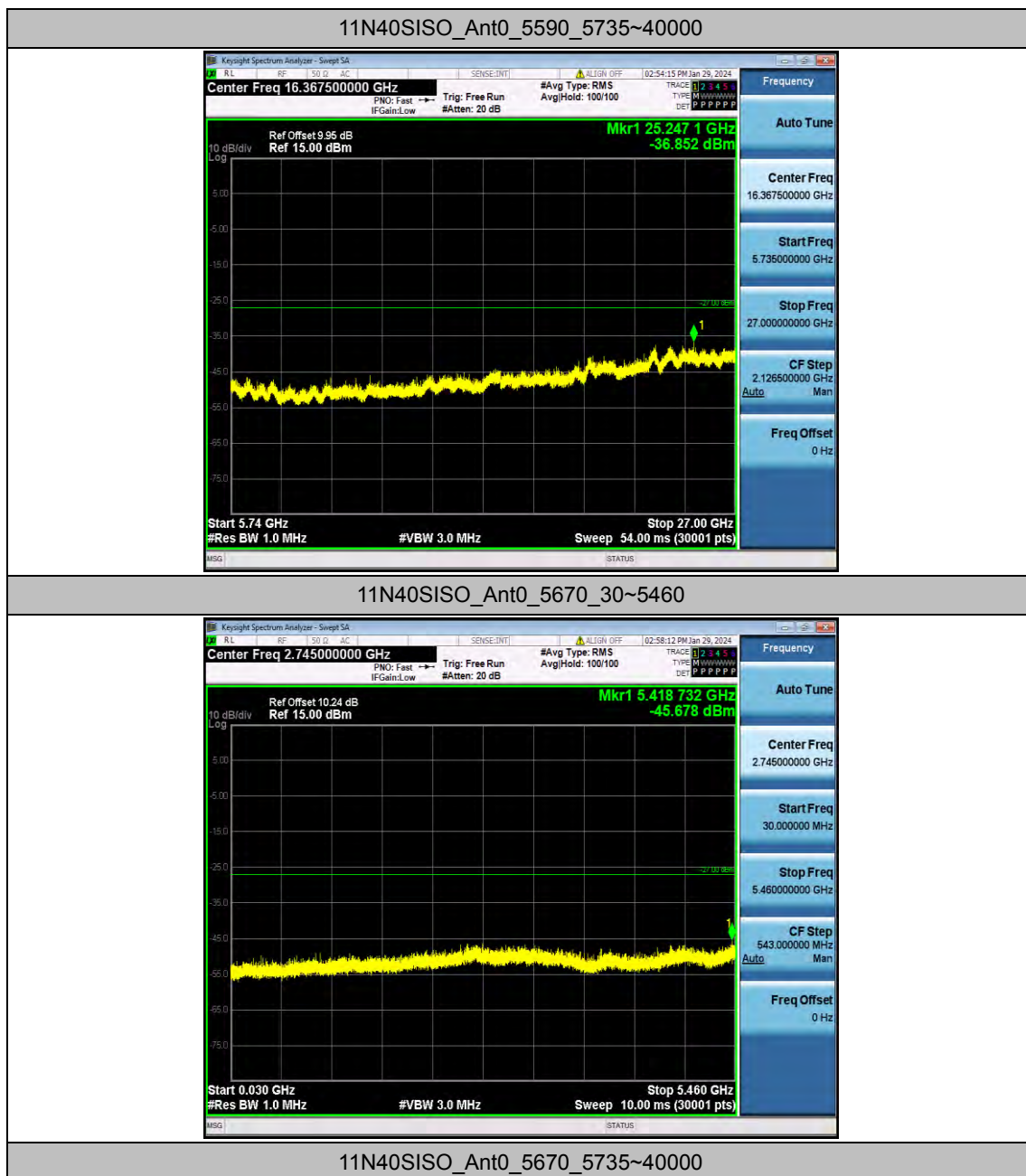


11N40SISO_Ant0_5510_5735~40000



11N40SISO_Ant0_5590_30~5460



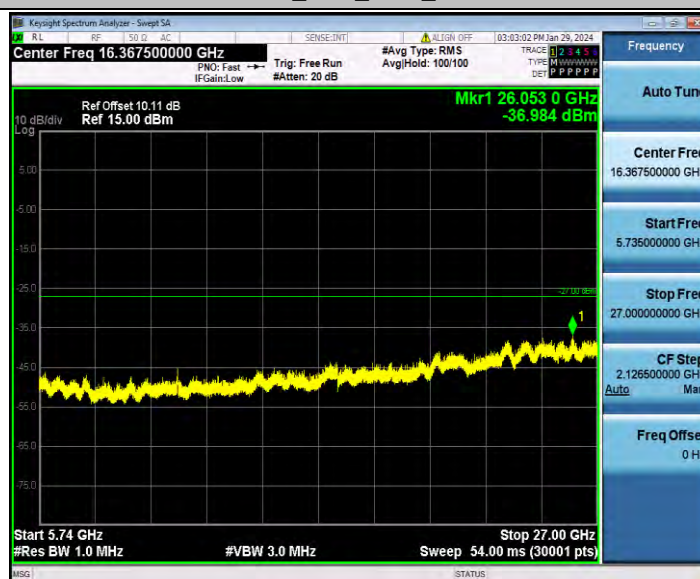




11AC20SISO_Ant0_5500_30~5460



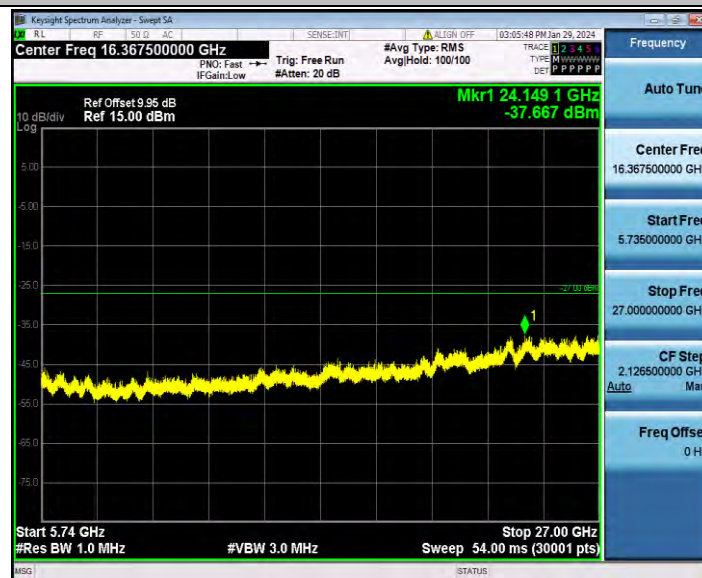
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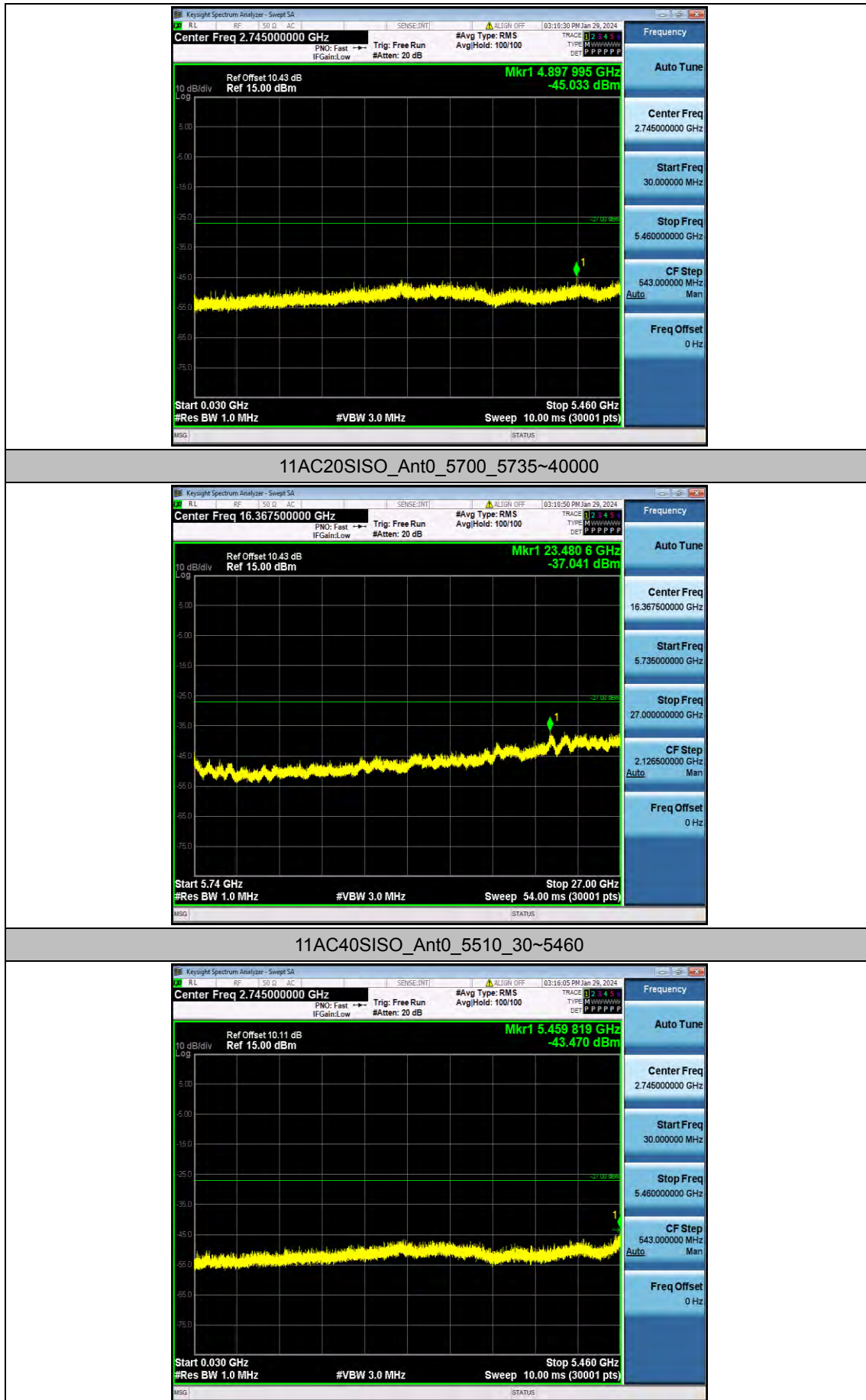
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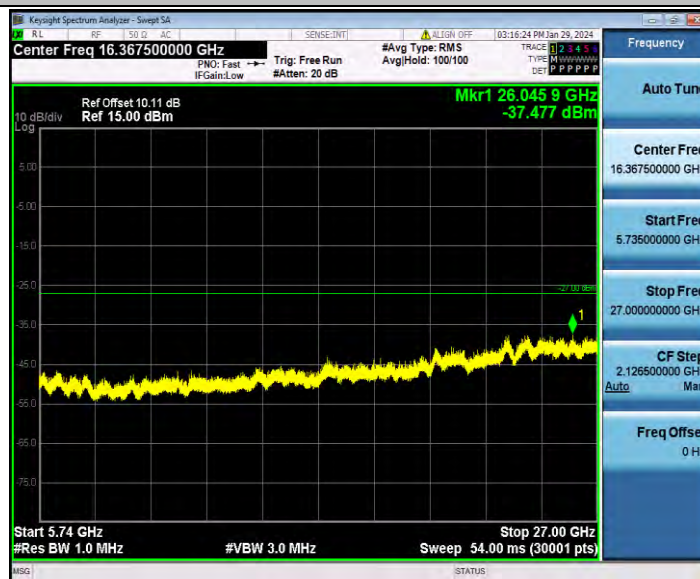
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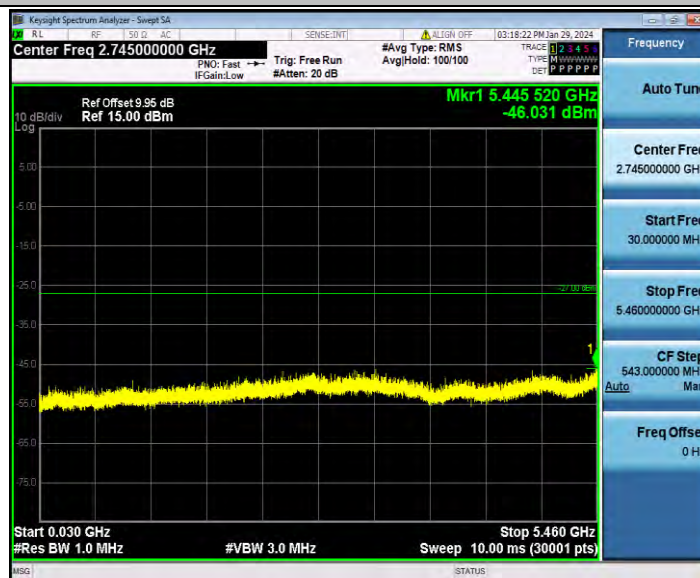
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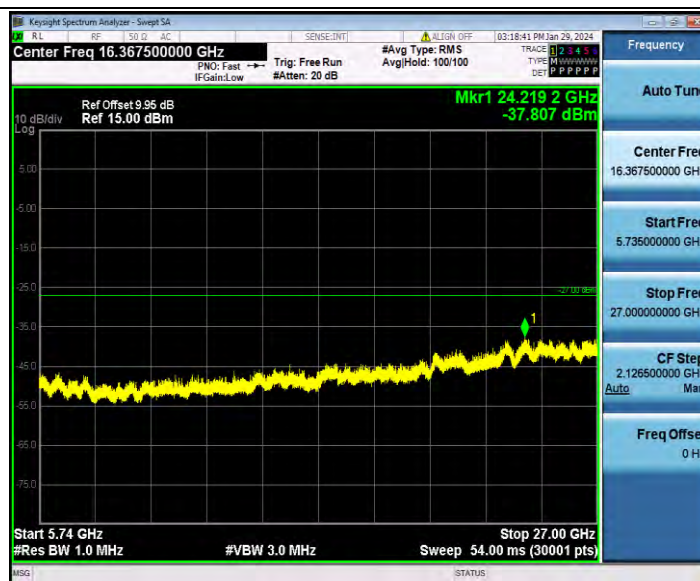
11AC40SISO_Ant0_5510_5735~40000



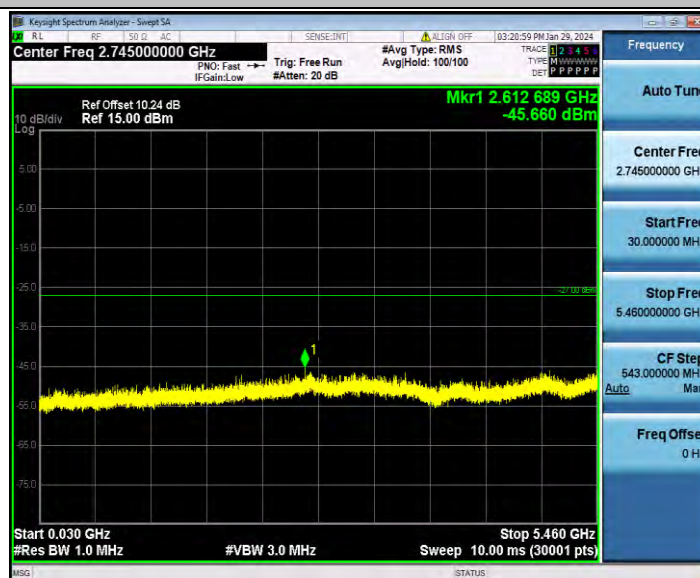
11AC40SISO_Ant0_5590_30~5460



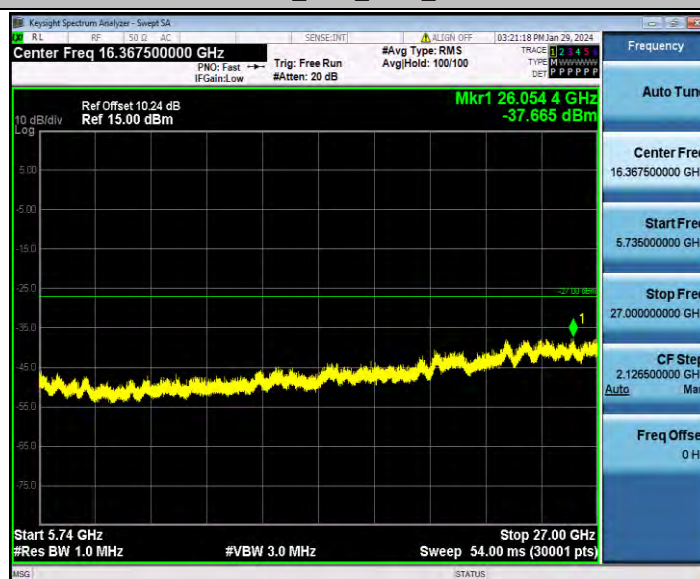
11AC40SISO_Ant0_5590_5735~40000



11AC40SISO_Ant0_5670_30~5460



11AC40SISO_Ant0_5670_5735~40000



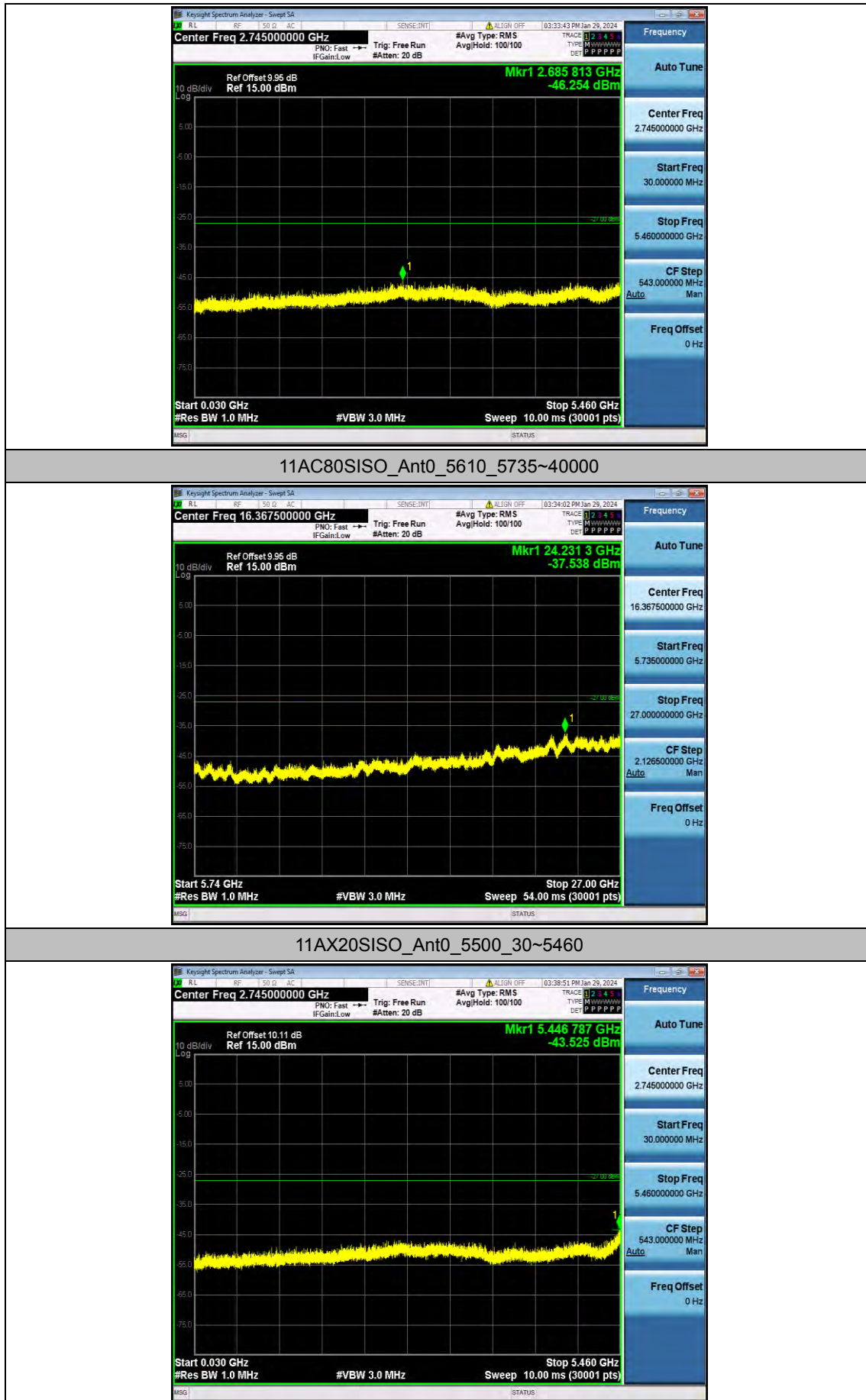
11AC80SISO_Ant0_5530_30~5460



11AC80SISO_Ant0_5530_5735~40000



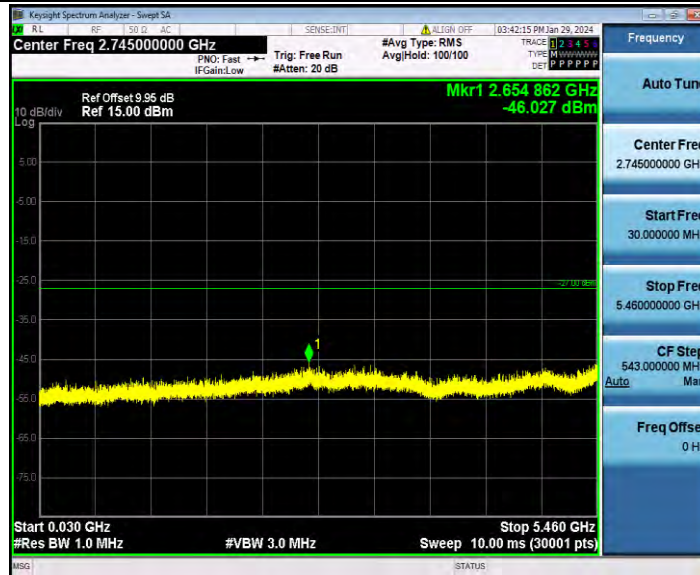
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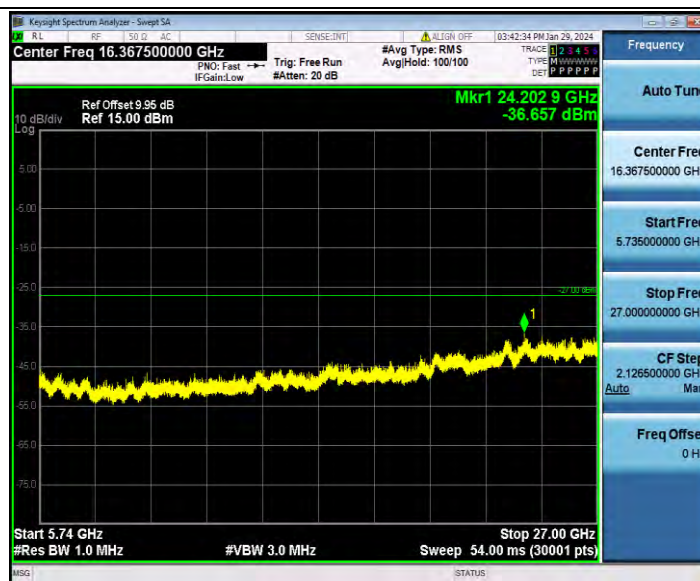
11AX20SISO_Ant0_5500_5735~40000



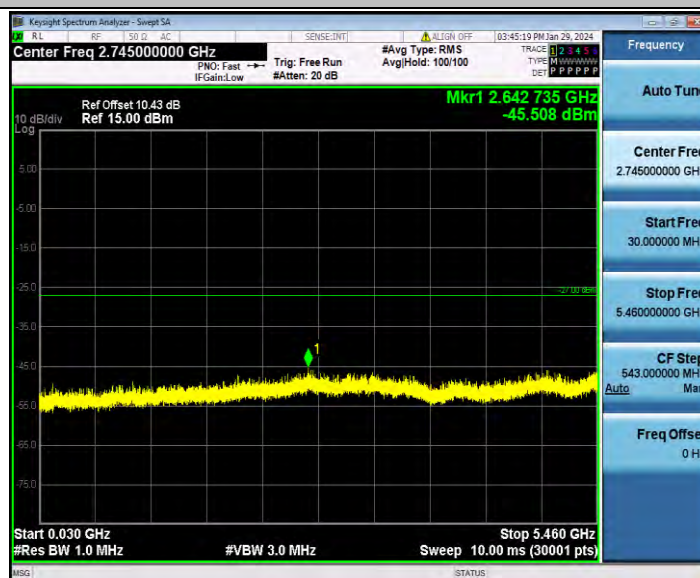
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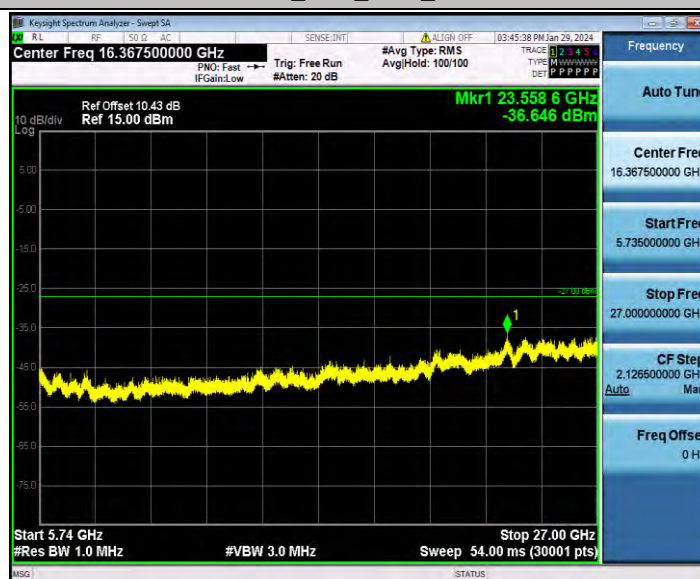
11AX20SISO_Ant0_5600_5735~40000



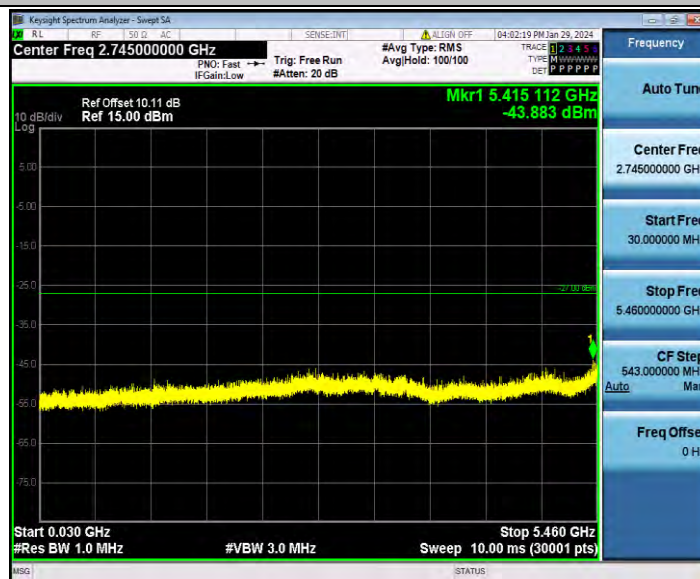
11AX20SISO_Ant0_5700_30~5460



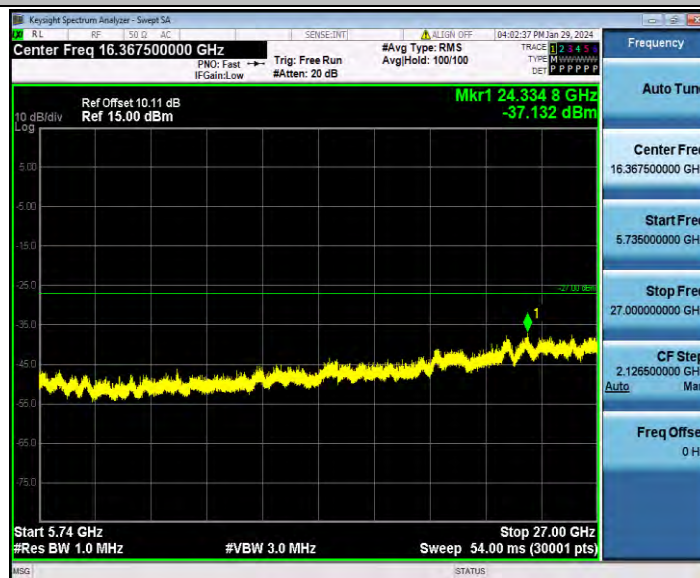
11AX20SISO_Ant0_5700_5735~40000



11AX40SISO_Ant0_5510_30~5460



11AX40SISO_Ant0_5510_5735~40000



11AX40SISO_Ant0_5590_30~5460

