

Appendix F.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	3.69	21.69	6.64	10.33	≤23.98	PASS
		5600	4.25	39.33	4.05	8.30	≤23.98	PASS
		5700	6.25	67.69	1.69	7.94	≤23.98	PASS
11N20SISO	Ant0	5500	10.15	79.17	1.01	11.16	≤23.98	PASS
		5600	7.83	86.36	0.64	8.47	≤23.98	PASS
		5700	9.05	82.61	0.83	9.88	≤23.98	PASS
11N40SISO	Ant0	5510	8.21	50.33	2.98	11.19	≤23.98	PASS
		5590	5.74	51.33	2.90	8.64	≤23.98	PASS
		5670	4.26	51.95	2.84	7.10	≤23.98	PASS
11AC20SISO	Ant0	5500	12.86	80.00	0.97	13.83	≤23.98	PASS
		5600	10.20	80.00	0.97	11.17	≤23.98	PASS
		5700	8.96	80.95	0.92	9.88	≤23.98	PASS
11AC40SISO	Ant0	5510	9.66	69.52	1.58	11.24	≤23.98	PASS
		5590	7.98	69.31	1.59	9.57	≤23.98	PASS
		5670	6.22	69.38	1.59	7.81	≤23.98	PASS
11AC80SISO	Ant0	5530	7.61	48.36	3.16	10.77	≤23.98	PASS
		5610	5.40	48.13	3.18	8.58	≤23.98	PASS
11AX20SISO	Ant0	5500	10.04	78.95	1.03	14.07	≤23.98	PASS
		5600	10.11	84.21	0.75	10.86	≤23.98	PASS
		5700	8.83	78.95	1.03	9.86	≤23.98	PASS
11AX40SISO	Ant0	5510	9.05	56.80	2.46	11.51	≤23.98	PASS
		5590	5.09	56.72	2.46	7.55	≤23.98	PASS
		5670	5.06	56.93	2.45	7.51	≤23.98	PASS
11AX80SISO	Ant0	5530	7.87	50.49	2.97	10.84	≤23.98	PASS
		5610	4.02	50.30	2.98	7.00	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix F.5: Maximum power spectral density

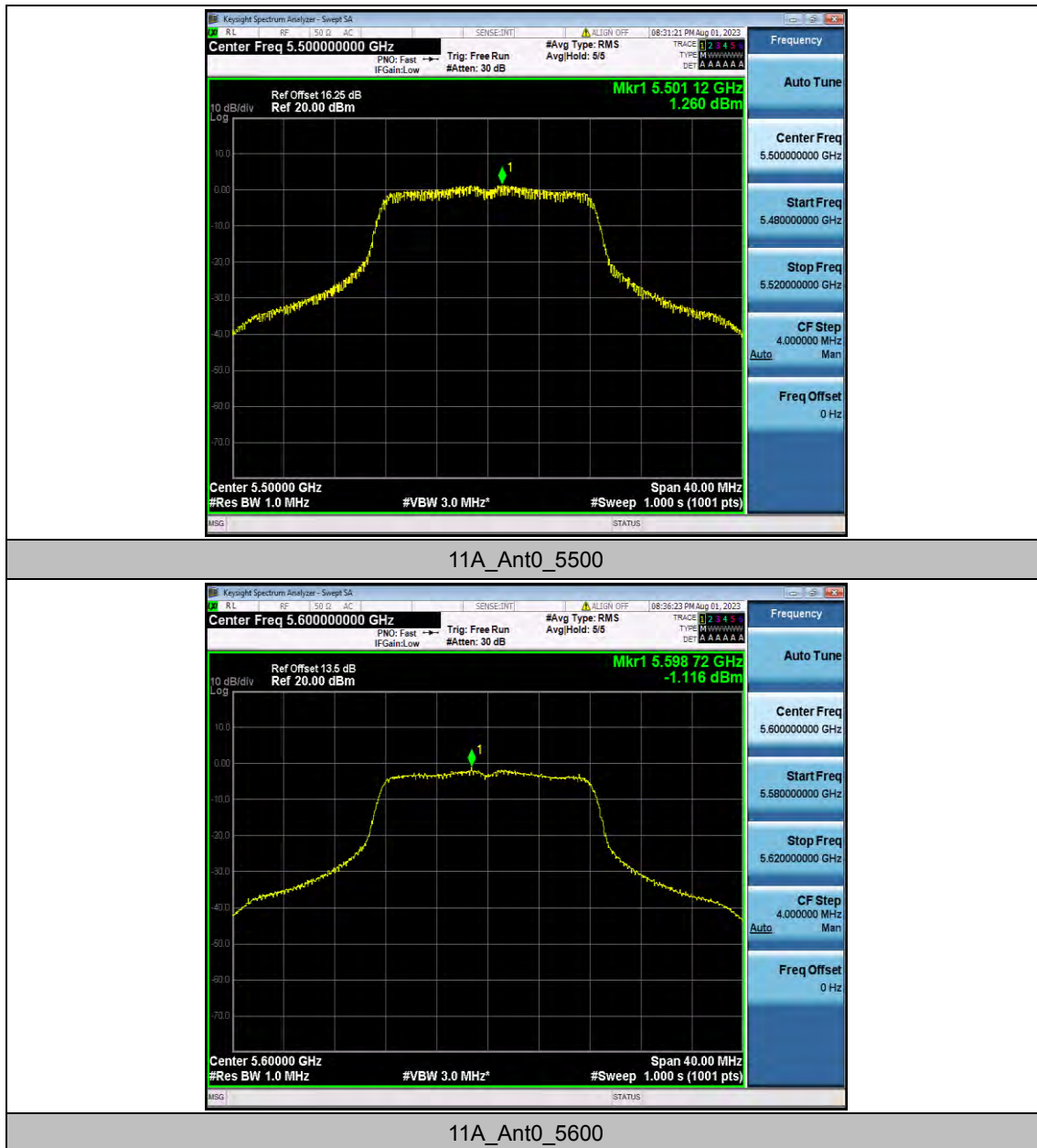
Test Result

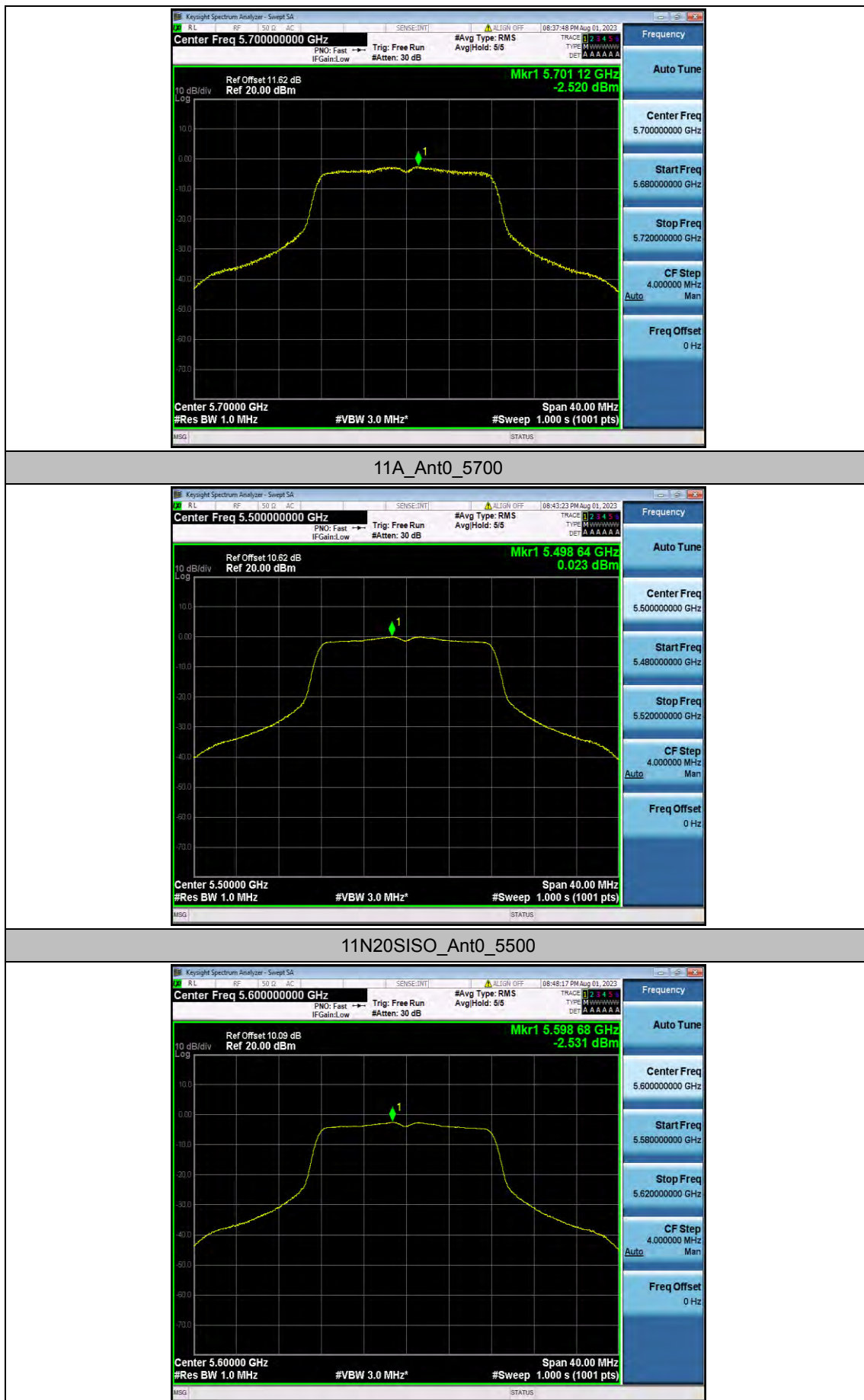
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	1.26	≤11.00	PASS
		5600	-1.12	≤11.00	PASS
		5700	-2.52	≤11.00	PASS
11N20SISO	Ant0	5500	0.02	≤11.00	PASS
		5600	-2.53	≤11.00	PASS
		5700	-1.23	≤11.00	PASS
11N40SISO	Ant0	5510	-2.59	≤11.00	PASS
		5590	-5	≤11.00	PASS
		5670	-6.36	≤11.00	PASS
11AC20SISO	Ant0	5500	2.49	≤11.00	PASS
		5600	-0.07	≤11.00	PASS
		5700	-1.41	≤11.00	PASS
11AC40SISO	Ant0	5510	-1.46	≤11.00	PASS
		5590	-3.09	≤11.00	PASS
		5670	-4.86	≤11.00	PASS
11AC80SISO	Ant0	5530	-4.17	≤11.00	PASS
		5610	-6.74	≤11.00	PASS
11AX20SISO	Ant0	5500	2.35	≤11.00	PASS
		5600	-0.74	≤11.00	PASS
		5700	-1.73	≤11.00	PASS
11AX40SISO	Ant0	5510	-2.95	≤11.00	PASS
		5590	-6.46	≤11.00	PASS
		5670	-9.94	≤11.00	PASS
11AX80SISO	Ant0	5530	-5.78	≤11.00	PASS
		5610	-10.04	≤11.00	PASS

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

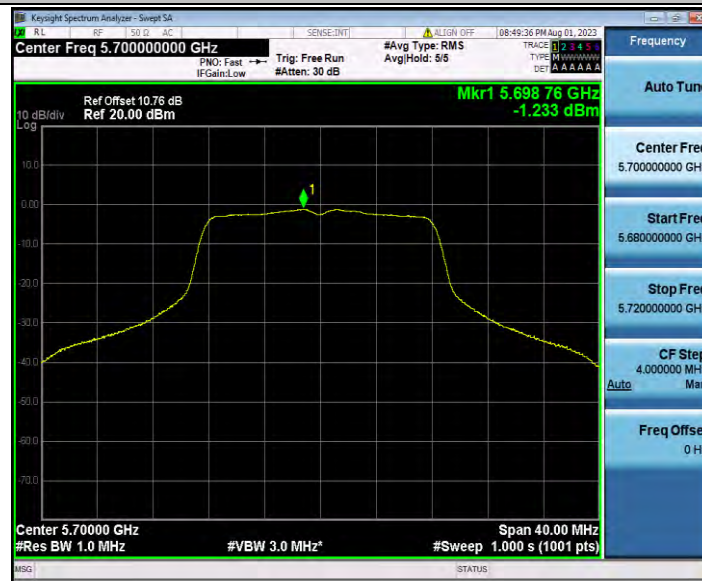
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





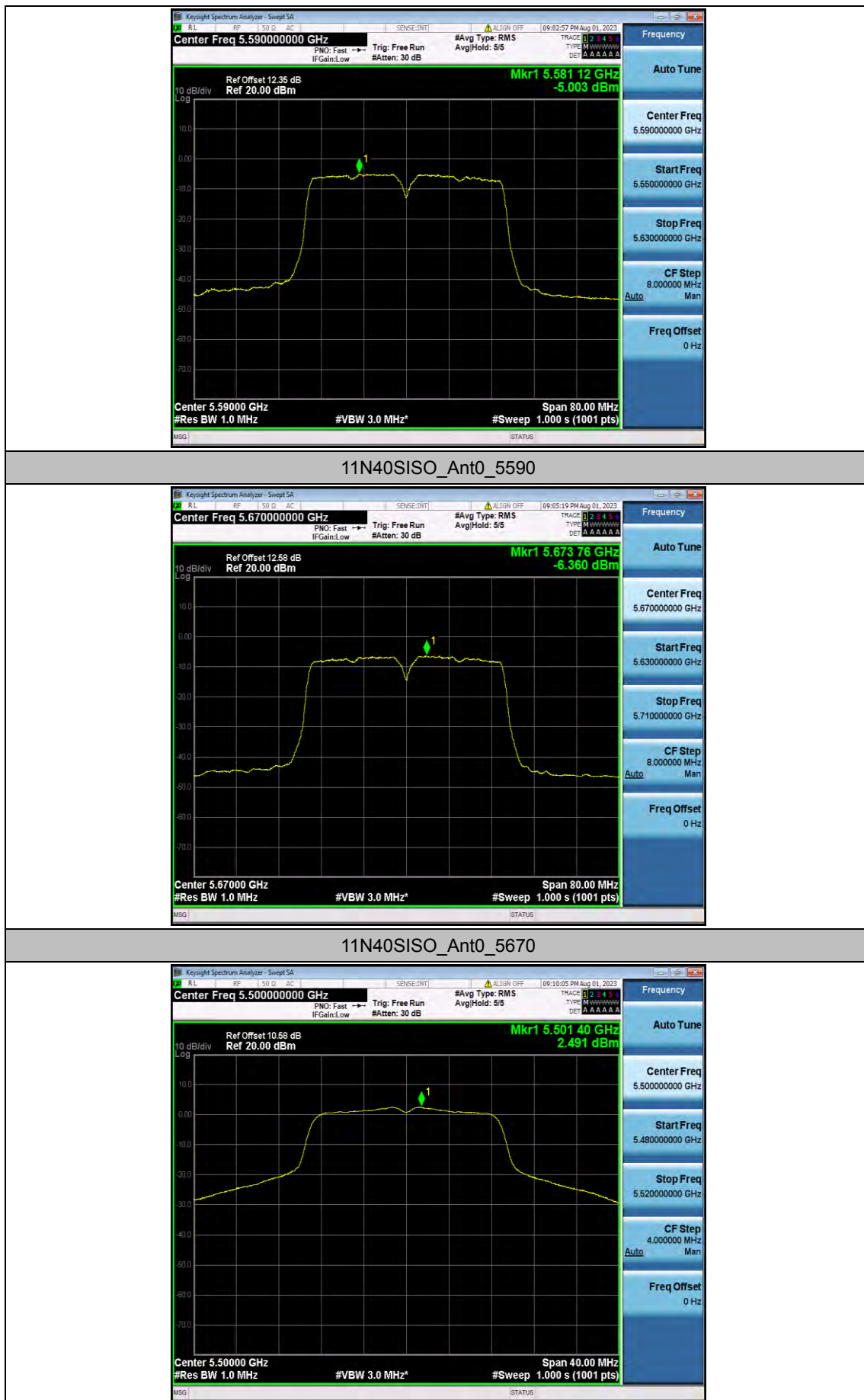
11N20SISO_Ant0_5600



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



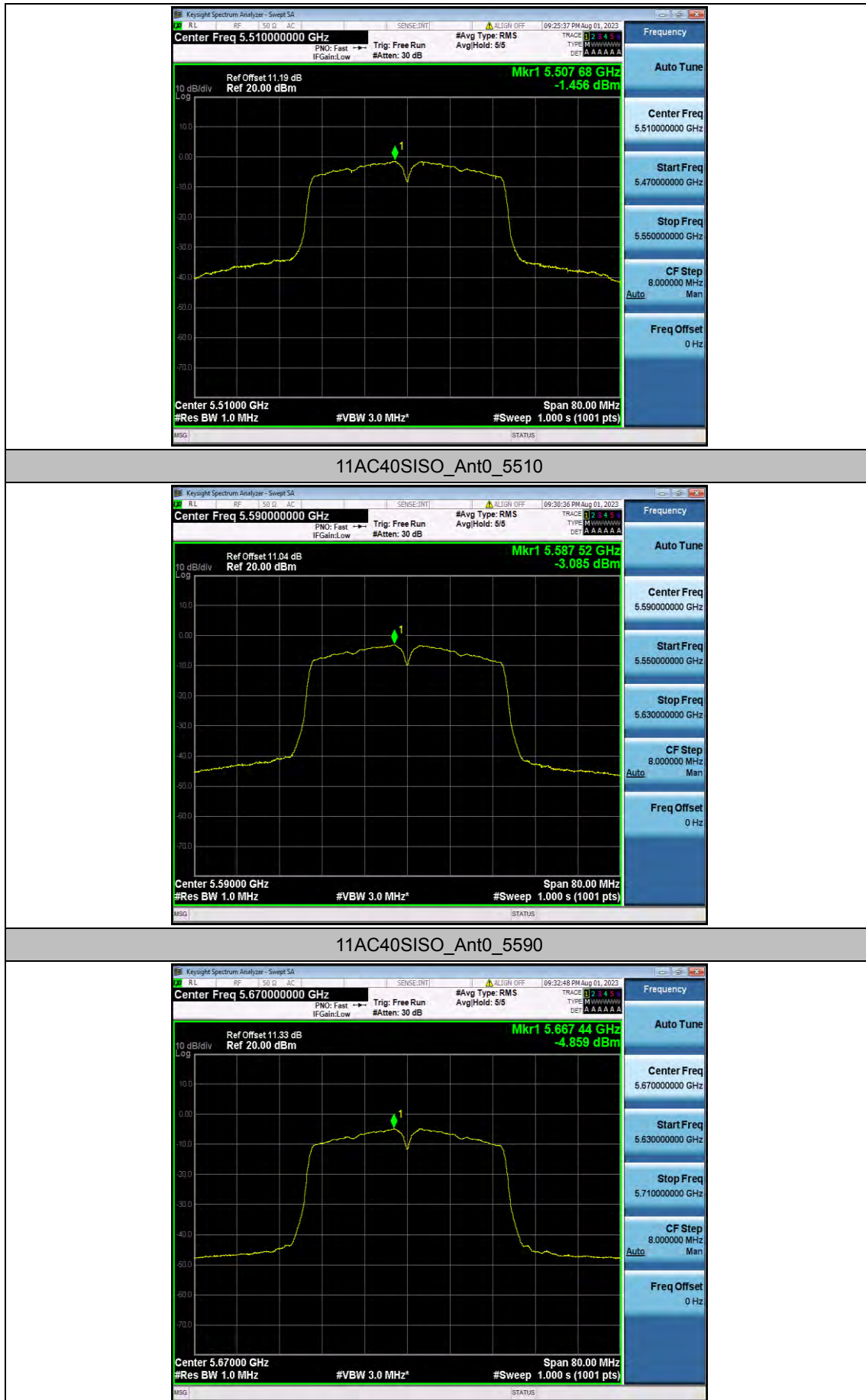
11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5600



11AC20SISO_Ant0_5700



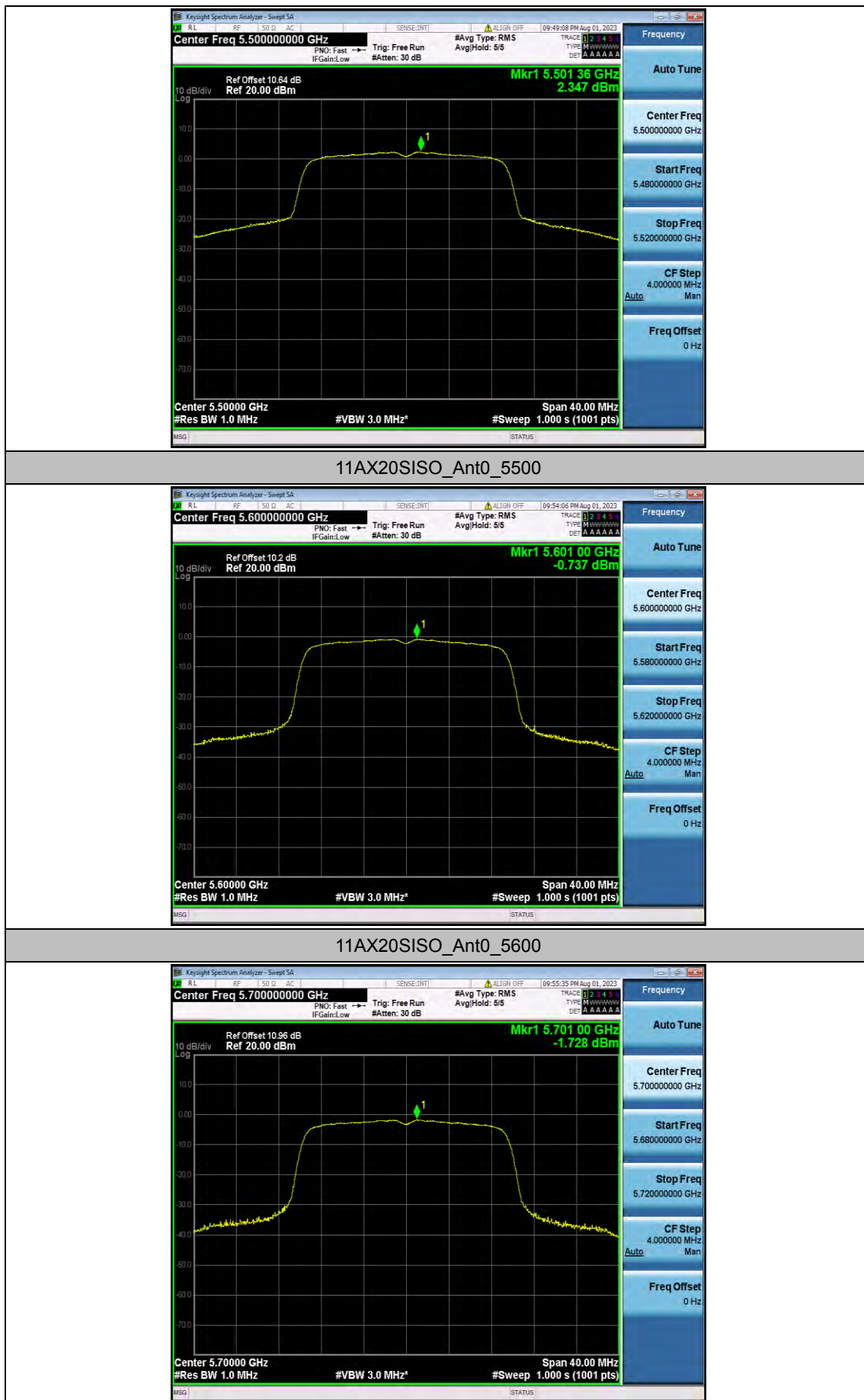
11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



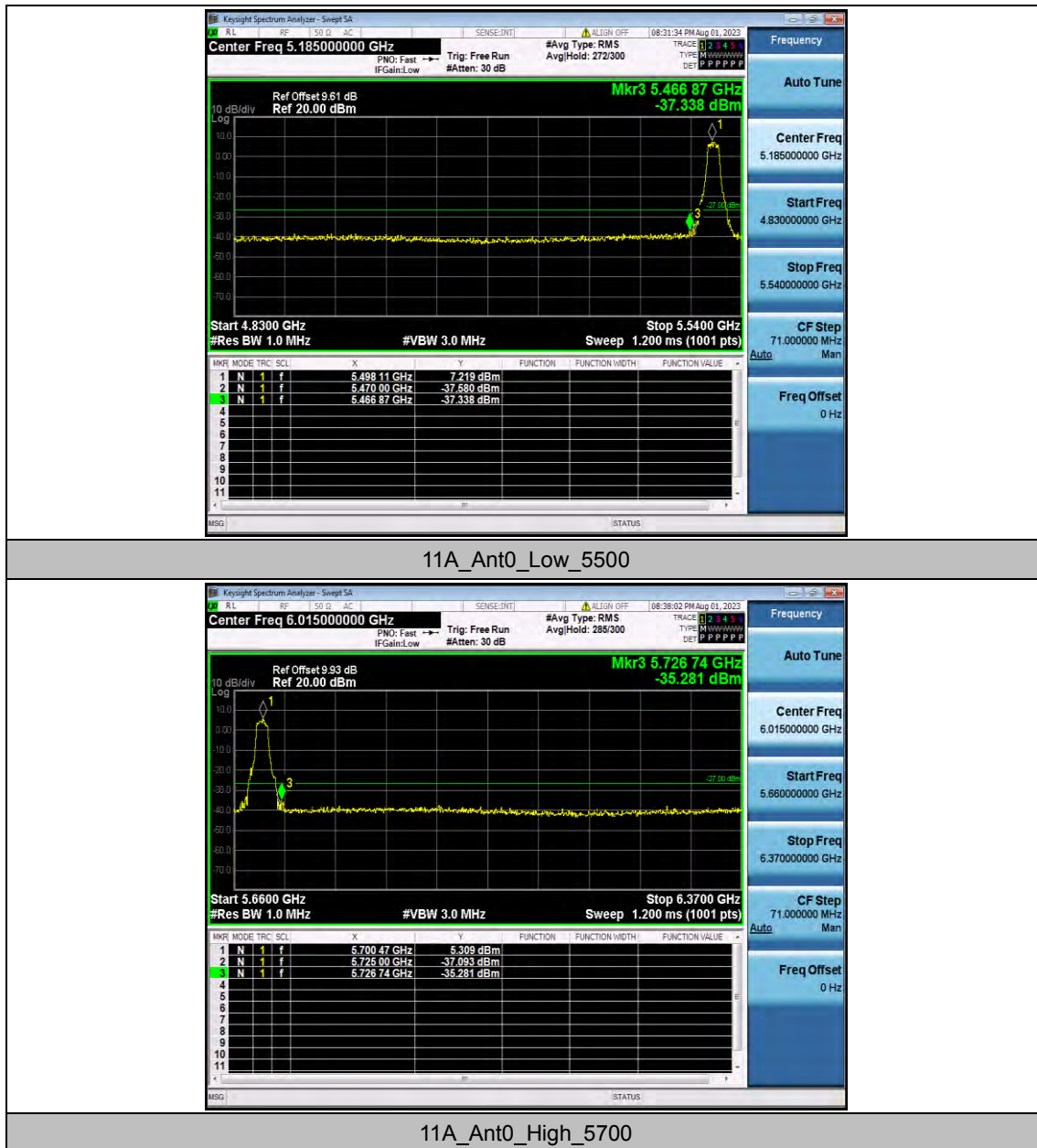
11AX80SISO_Ant0_5610

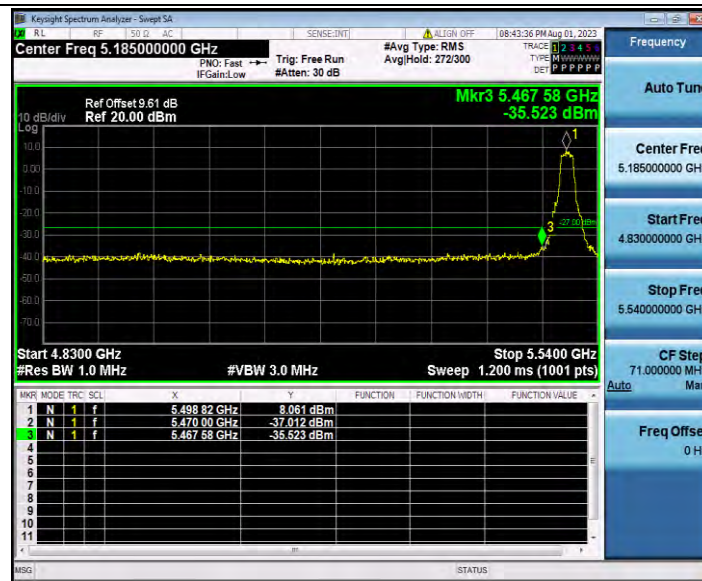
Appendix F.6: Band edge measurements

Test Result B3

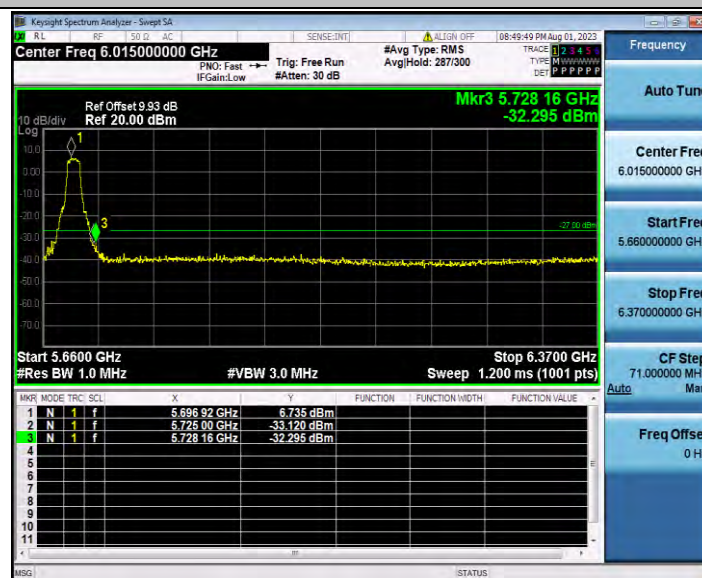
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-37.34	≤ -27	PASS
		High	5700	-35.28	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-35.52	≤ -27	PASS
		High	5700	-32.3	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-31.07	≤ -27	PASS
		High	5670	-37.88	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-27.56	≤ -27	PASS
		High	5700	-30.55	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-27.81	≤ -27	PASS
		High	5670	-37.45	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-28.42	≤ -27	PASS
		High	5610	-37.78	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-29.88	≤ -27	PASS
		High	5700	-29.79	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-36.37	≤ -27	PASS
		High	5670	-37.46	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-37.6	≤ -27	PASS
		High	5610	-37.89	≤ -27	PASS

Test Graphs B3

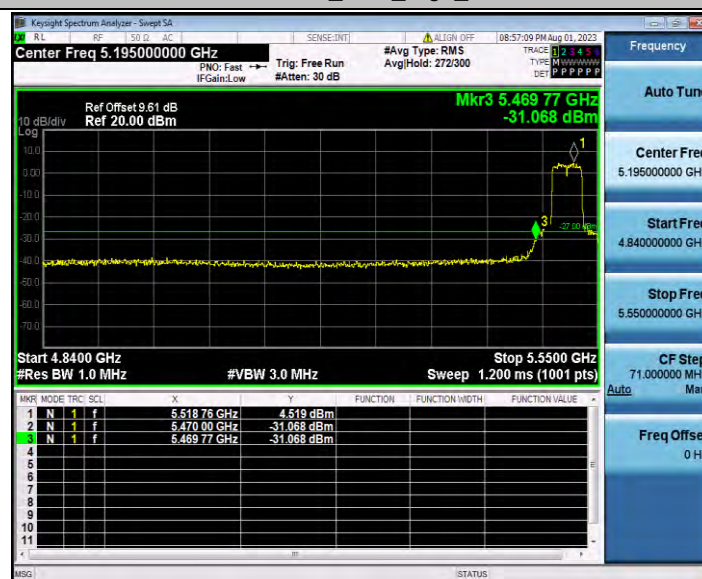




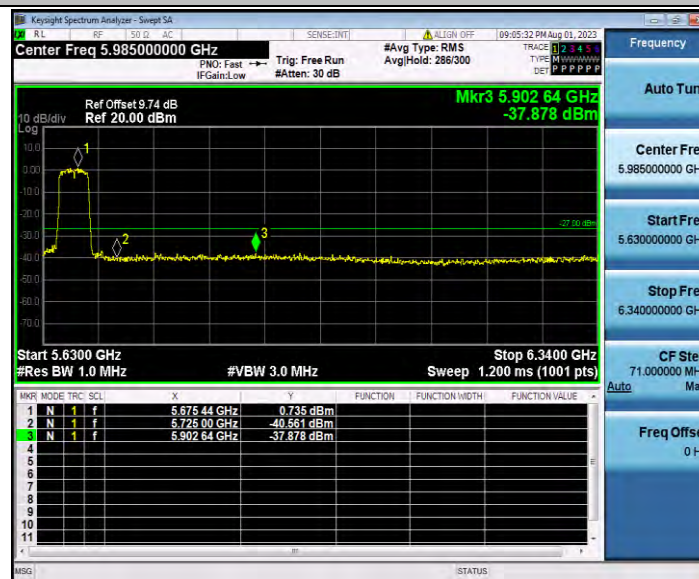
11N20SISO_Ant0_Low_5500



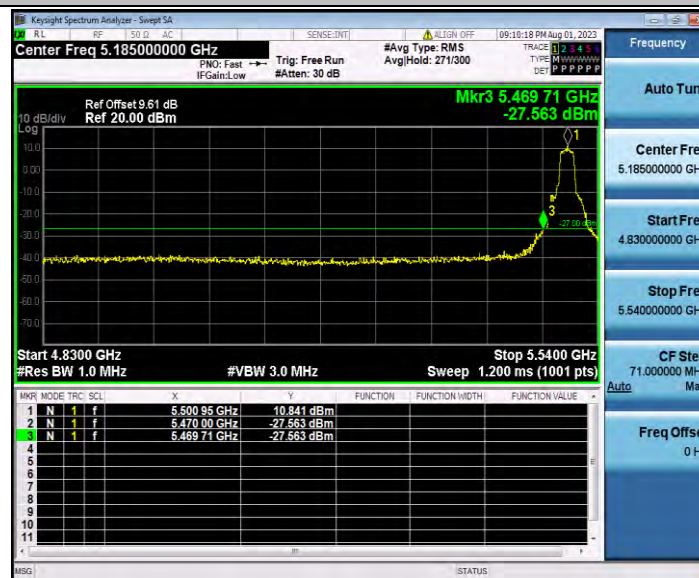
11N20SISO_Ant0_High_5700



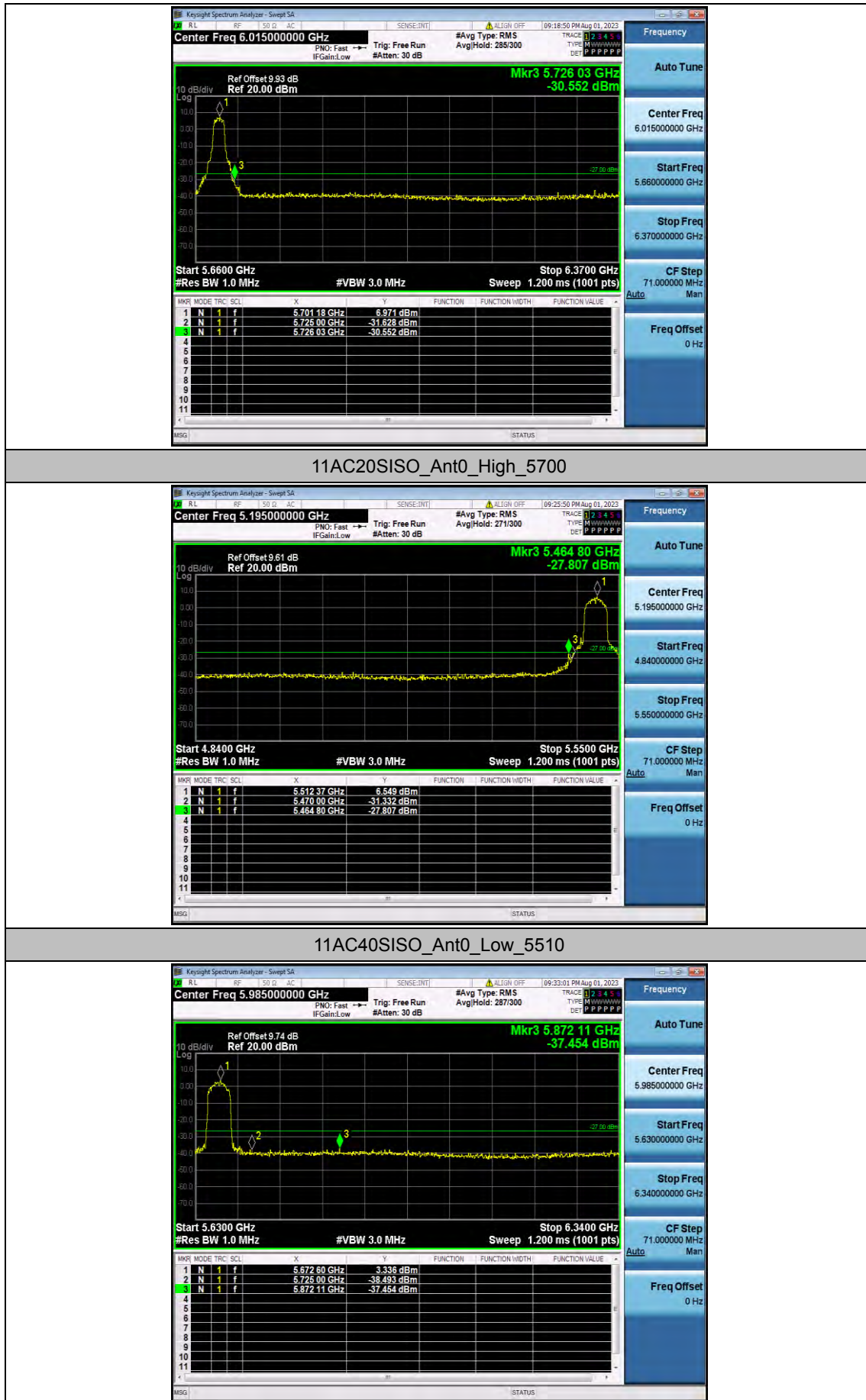
11N40SISO_Ant0_Low_5510



11N40SISO_Ant0_High_5670



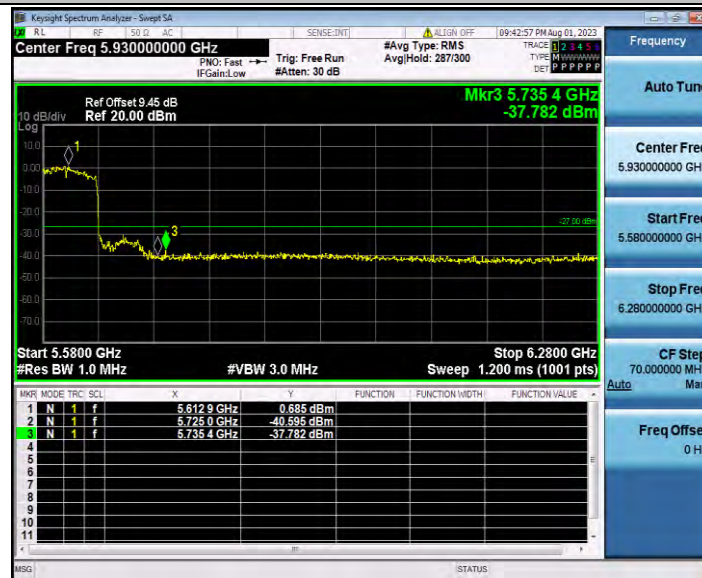
11AC20SISO_Ant0_Low_5500



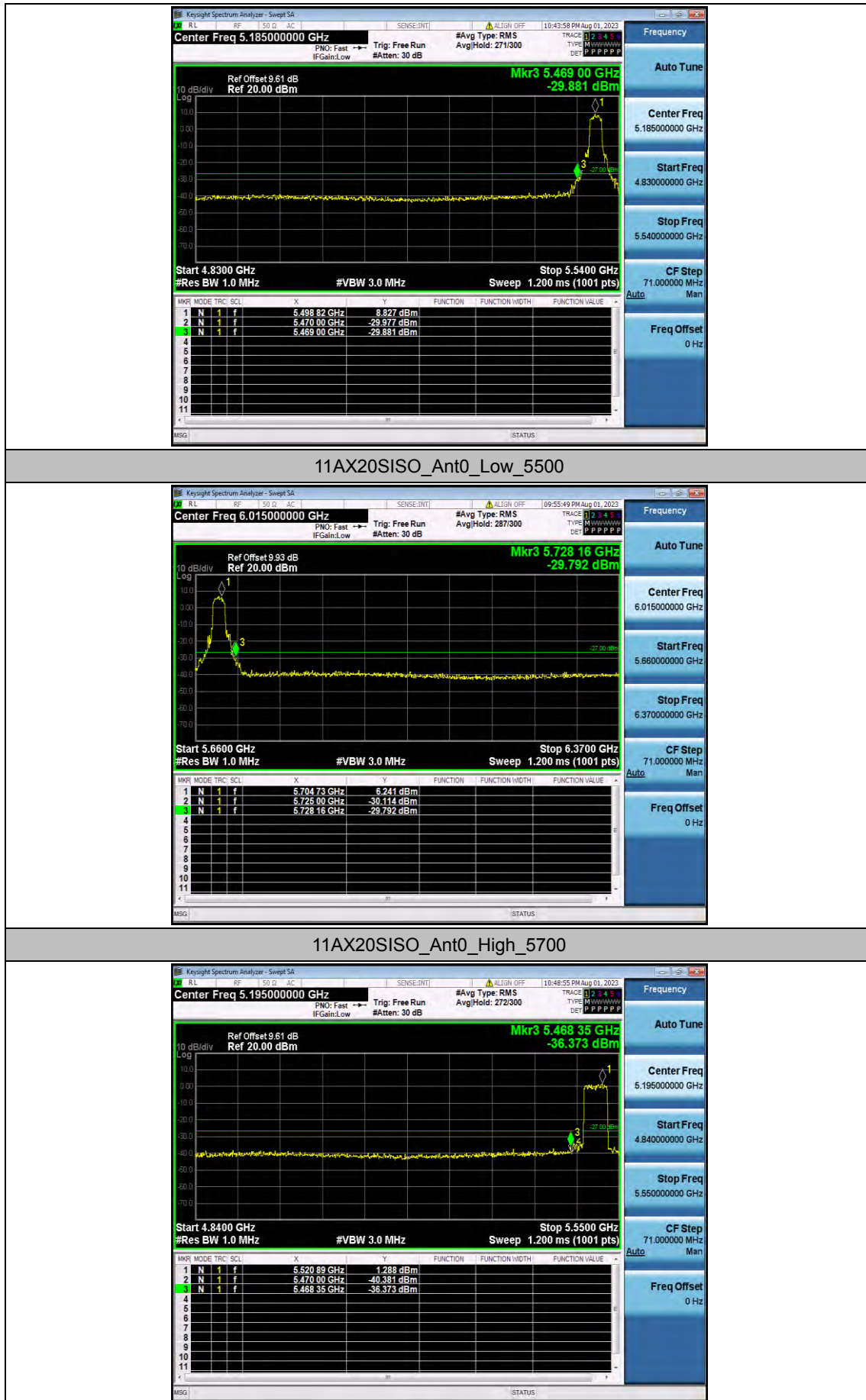
11AC40SISO_Ant0_High_5670



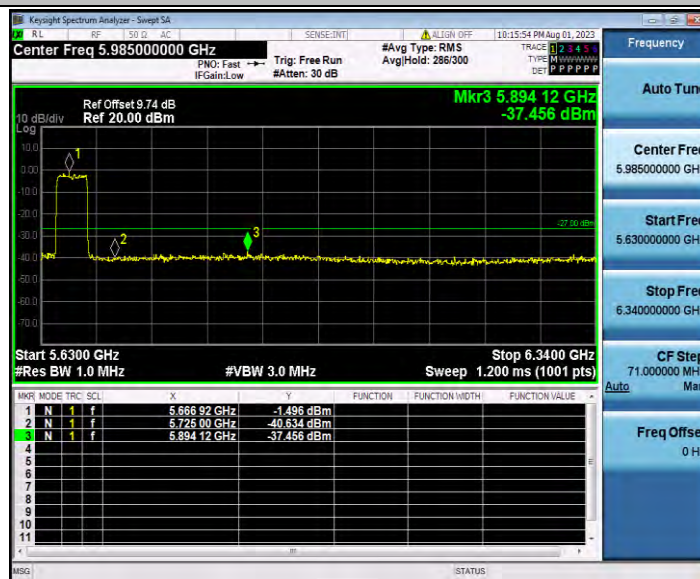
11AC80SISO_Ant0_Low_5530



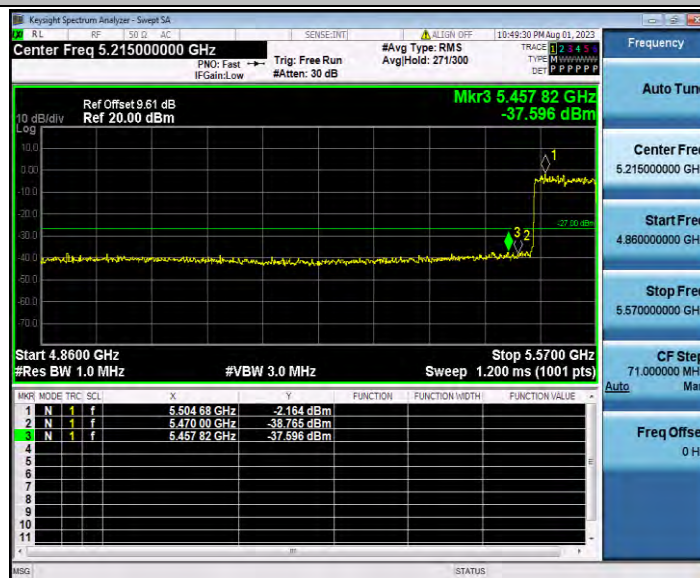
11AC80SISO_Ant0_High_5610



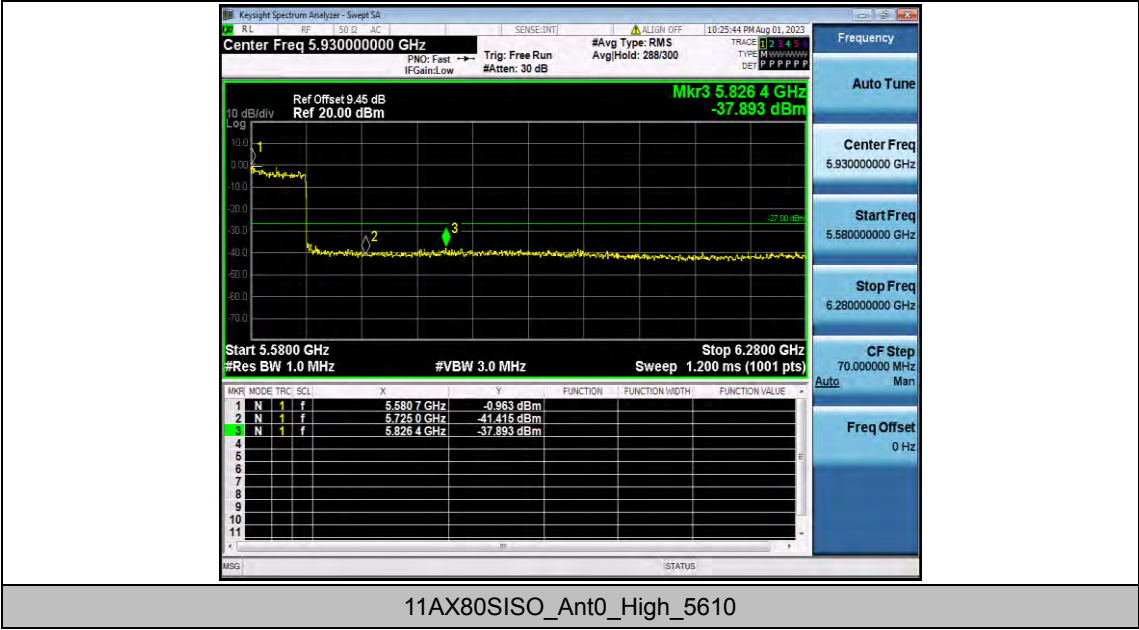
11AX40SISO_Ant0_Low_5510



11AX40SISO_Ant0_High_5670



11AX80SISO_Ant0_Low_5530



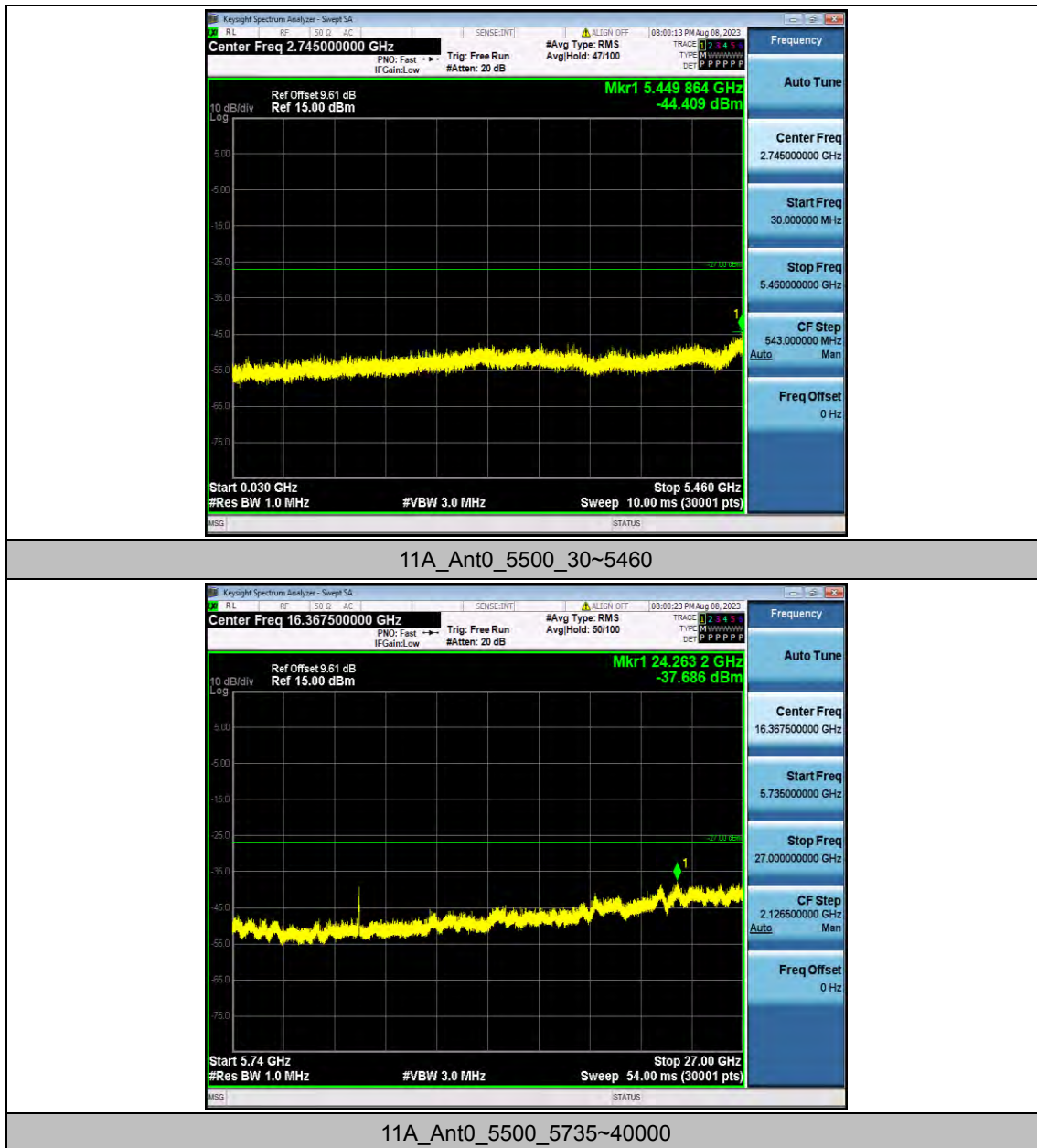
Appendix F.7: Conducted Spurious Emission

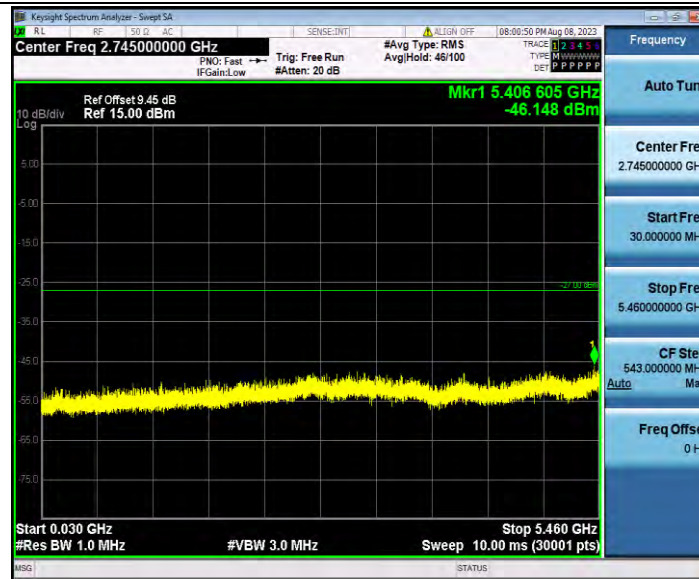
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5449.86	-44.41	≤-27	PASS
			5735~40000	24263.19	-37.69	≤-27	PASS
		5600	30~5460	5406.61	-46.15	≤-27	PASS
			5735~40000	26958.18	-38.66	≤-27	PASS
		5700	30~5460	5417.1	-45.72	≤-27	PASS
			5735~40000	11399.29	-34.55	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5458.37	-40.36	≤-27	PASS
			5735~40000	10999.51	-36.16	≤-27	PASS
		5600	30~5460	5451.86	-45.54	≤-27	PASS
			5735~40000	11398.58	-32.1	≤-27	PASS
		5700	30~5460	2454.86	-46.36	≤-27	PASS
			5735~40000	11400	-31.17	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5459.46	-43.46	≤-27	PASS
			5735~40000	24261.07	-37.61	≤-27	PASS
		5590	30~5460	5439.19	-46.69	≤-27	PASS
			5735~40000	26587.46	-37.62	≤-27	PASS
		5670	30~5460	5438.82	-46.99	≤-27	PASS
			5735~40000	24278.79	-37.71	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5446.61	-44.23	≤-27	PASS
			5735~40000	11006.59	-36.74	≤-27	PASS
		5600	30~5460	5434.48	-45.98	≤-27	PASS
			5735~40000	25695.75	-37.71	≤-27	PASS
		5700	30~5460	5337.64	-46.58	≤-27	PASS
			5735~40000	11400.7	-32.29	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	4995.92	-46.34	≤-27	PASS
			5735~40000	11402.12	-32.61	≤-27	PASS
		5590	30~5460	5438.46	-46.09	≤-27	PASS
			5735~40000	24172.46	-37.83	≤-27	PASS
		5670	30~5460	5446.43	-46.48	≤-27	PASS
			5735~40000	11336.91	-37.65	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5459.1	-38.57	≤-27	PASS
			5735~40000	26559.11	-38.05	≤-27	PASS
		5610	30~5460	5375.47	-46.5	≤-27	PASS
			5735~40000	24880.59	-37.83	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5452.58	-42.43	≤-27	PASS
			5735~40000	11000.21	-37	≤-27	PASS

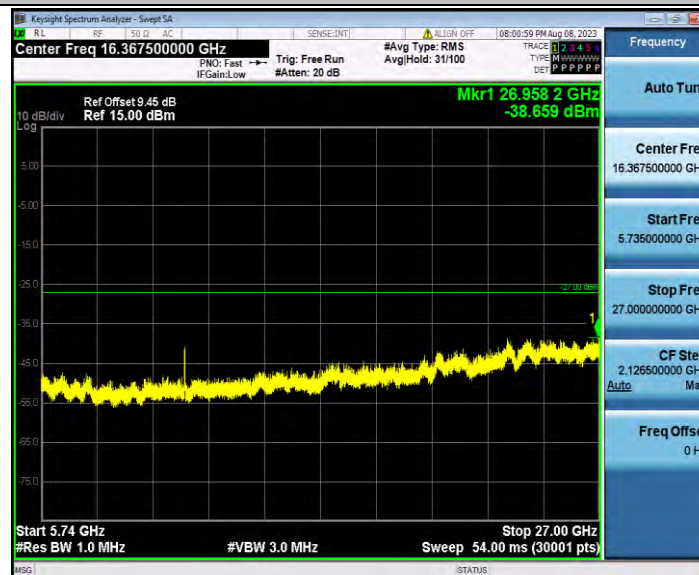
		5600	30~5460	5006.41	-46.59	≤ -27	PASS
			5735~40000	11199.4	-35.66	≤ -27	PASS
		5700	30~5460	5420	-46.14	≤ -27	PASS
			5735~40000	11398.58	-30.54	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5010.4	-46.83	≤ -27	PASS
			5735~40000	11399.29	-30.34	≤ -27	PASS
		5590	30~5460	5438.28	-46.89	≤ -27	PASS
			5735~40000	24179.55	-37.89	≤ -27	PASS
		5670	30~5460	5440.27	-46.92	≤ -27	PASS
			5735~40000	26889.42	-36.99	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5455.48	-40.78	≤ -27	PASS
			5735~40000	24213.58	-37.43	≤ -27	PASS
		5610	30~5460	5347.06	-46.83	≤ -27	PASS
			5735~40000	24179.55	-37.79	≤ -27	PASS

Test Graphs

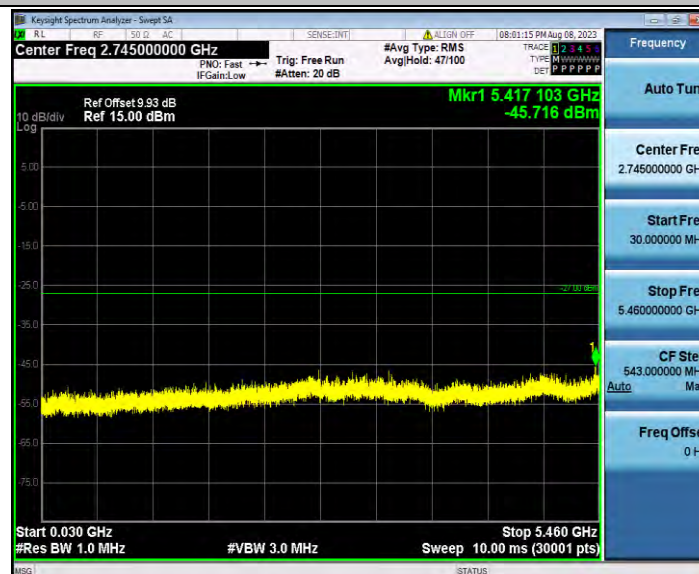




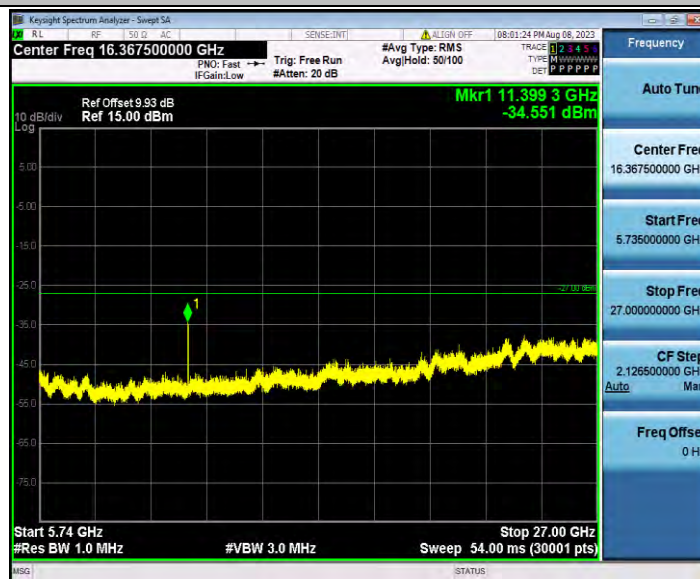
11A_Ant0_5600_30~5460



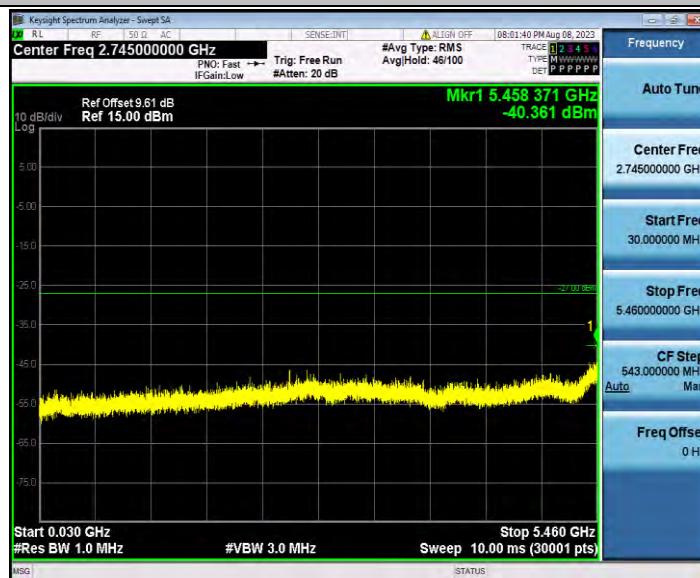
11A_Ant0_5600_5735~40000



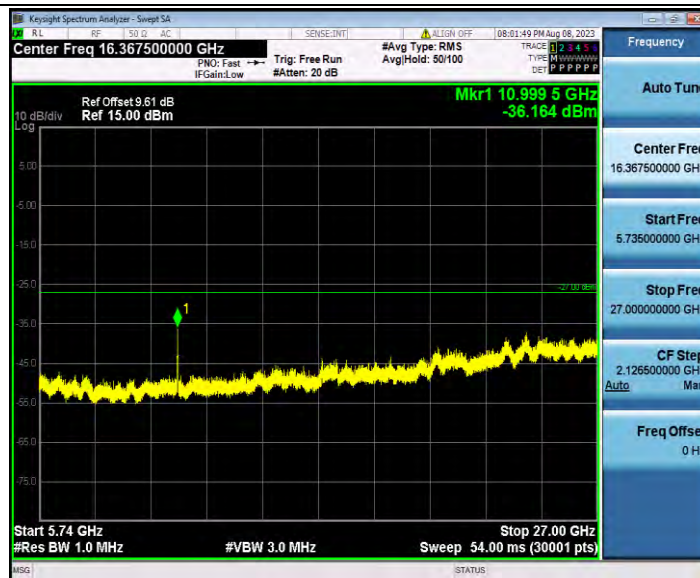
11A_Ant0_5700_30~5460



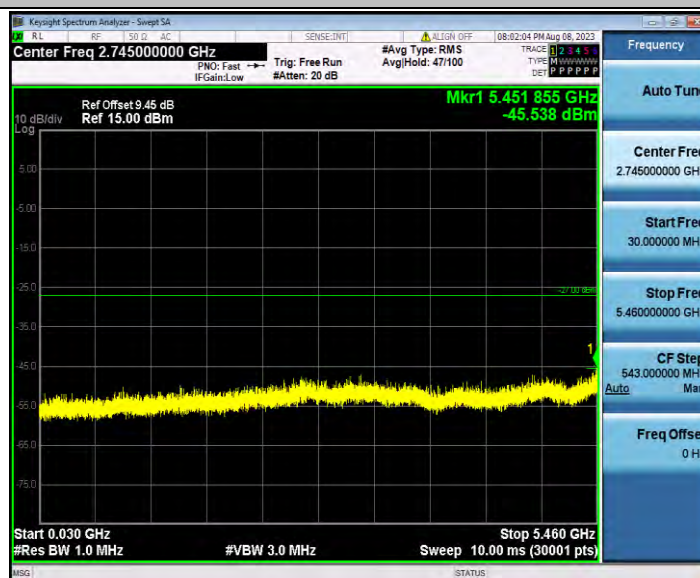
11A_Ant0_5700_5735~40000



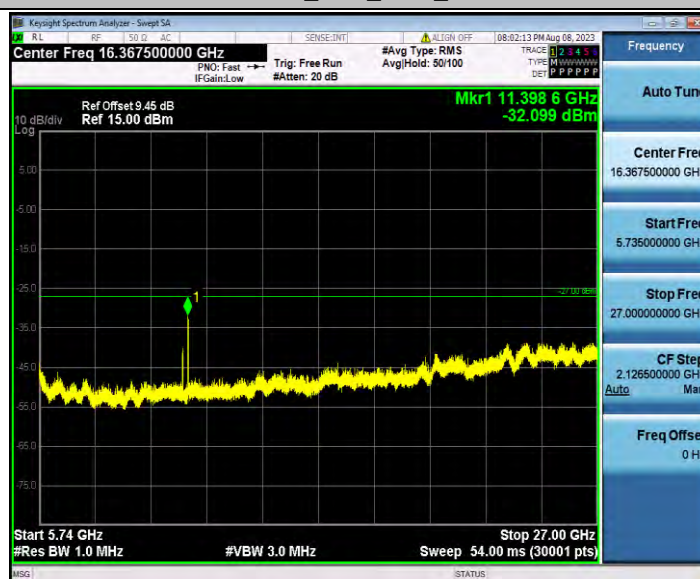
11N20SISO_Ant0_5500_30~5460



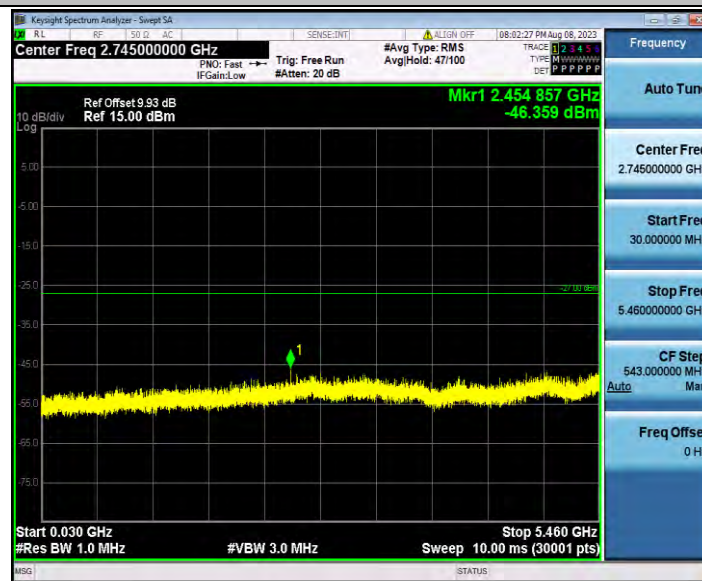
11N20SISO_Ant0_5500_5735~40000



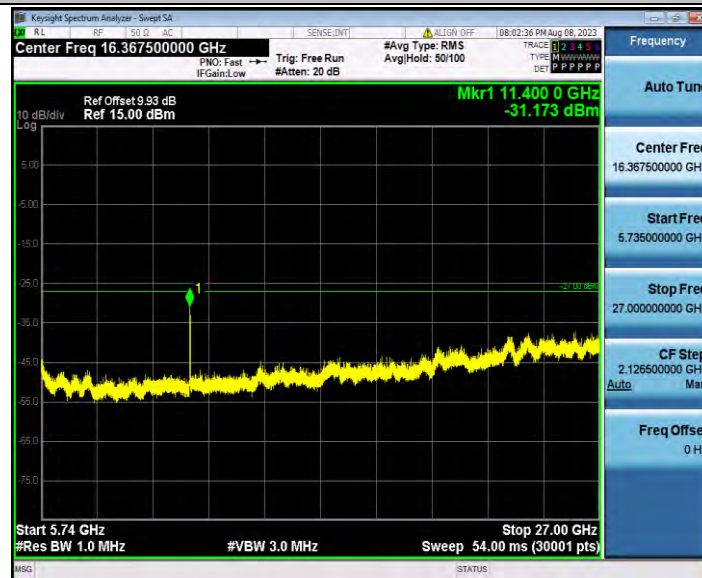
11N20SISO_Ant0_5600_30~5460



11N20SISO_Ant0_5600_5735~40000



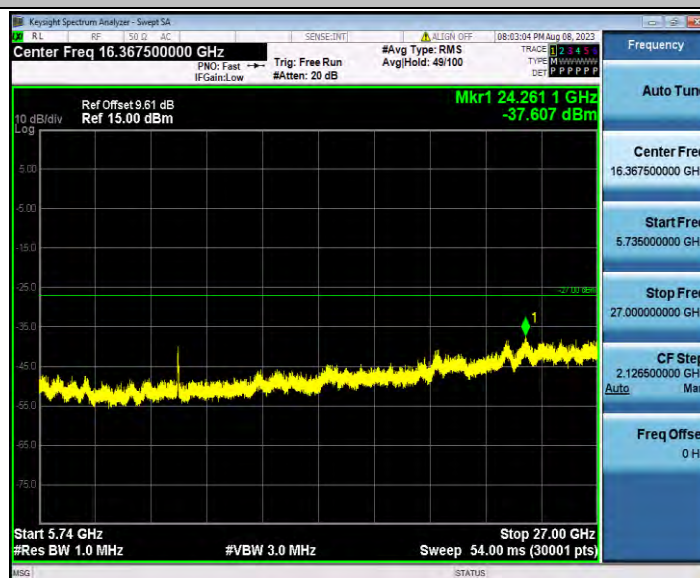
11N20SISO_Ant0_5700_30~5460



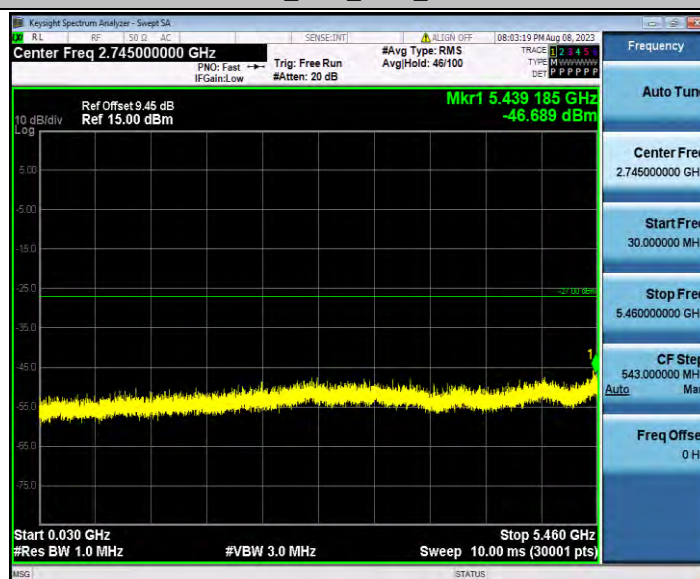
11N20SISO_Ant0_5700_5735~40000



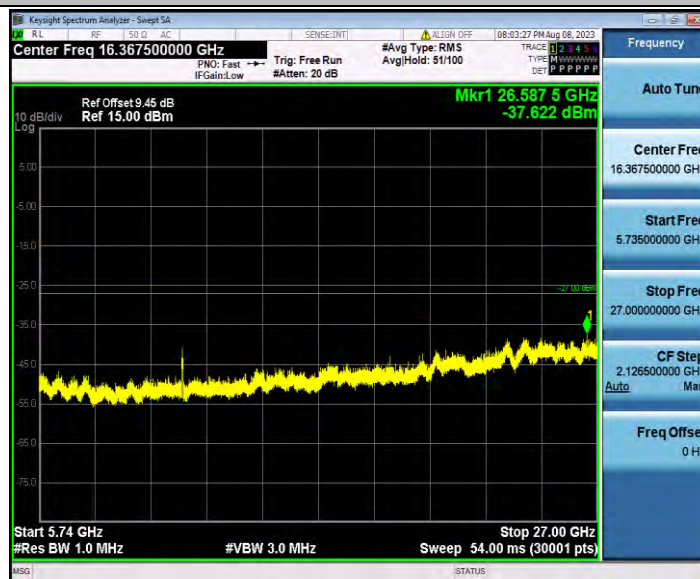
11N40SISO_Ant0_5510_30~5460



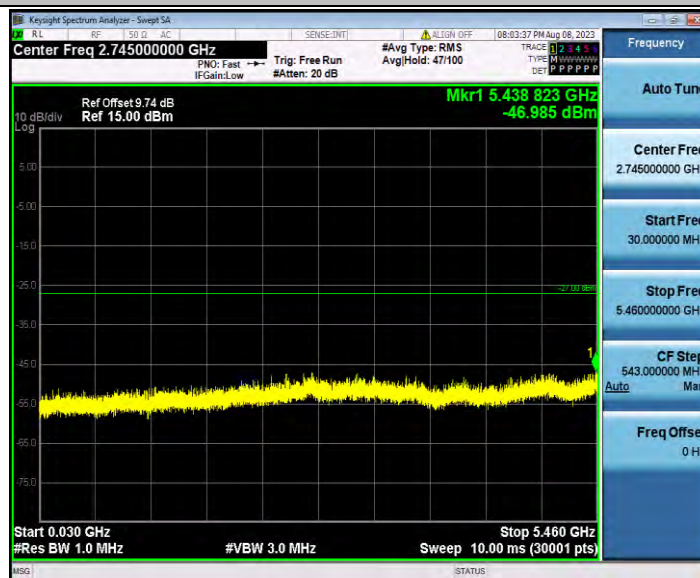
11N40SISO_Ant0_5510_5735~40000



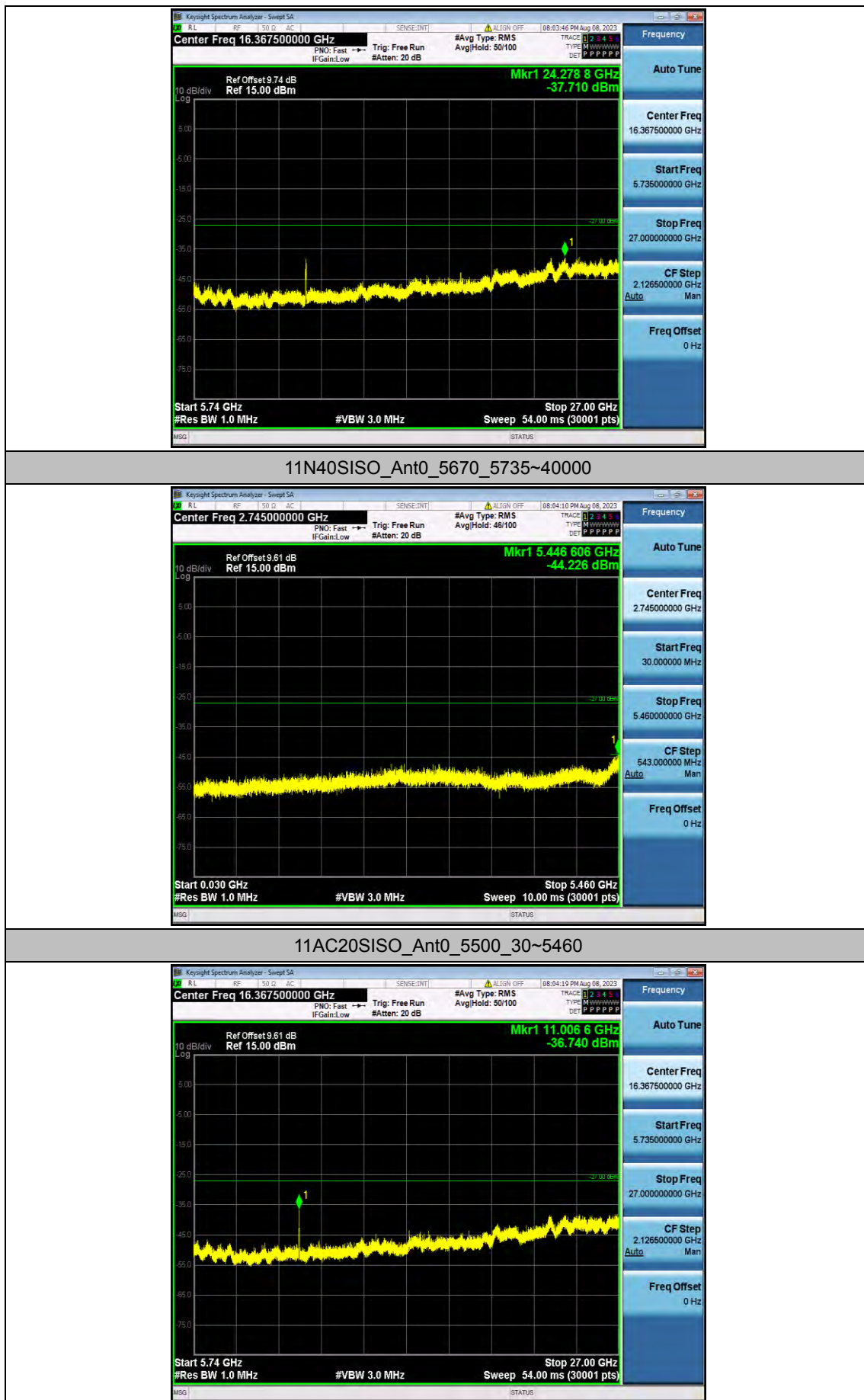
11N40SISO_Ant0_5590_30~5460



11N40SISO_Ant0_5590_5735~40000



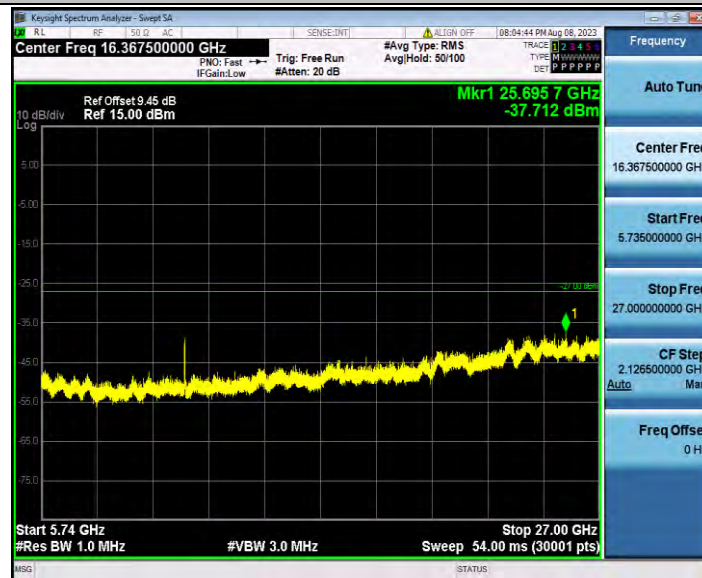
11N40SISO_Ant0_5670_30~5460



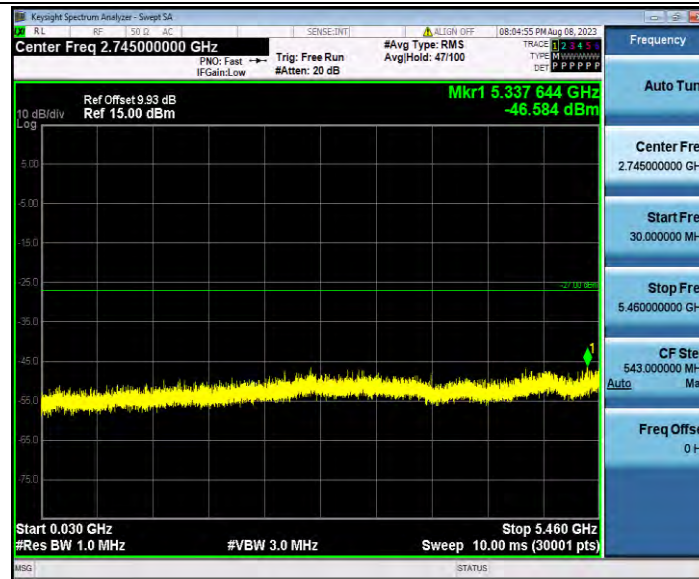
11AC20SISO_Ant0_5500_5735~40000



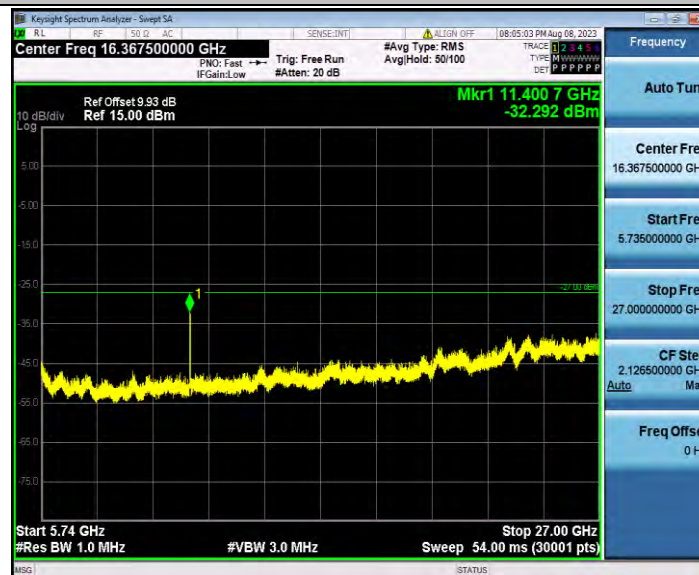
11AC20SISO_Ant0_5600_30~5460



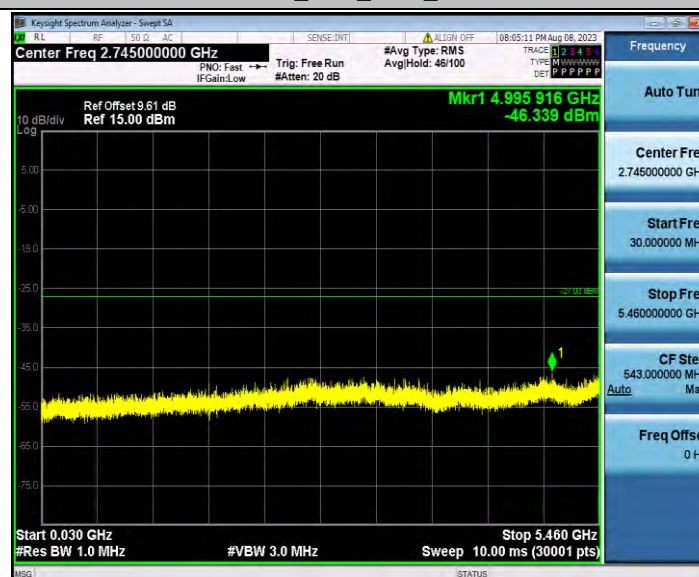
11AC20SISO_Ant0_5600_5735~40000



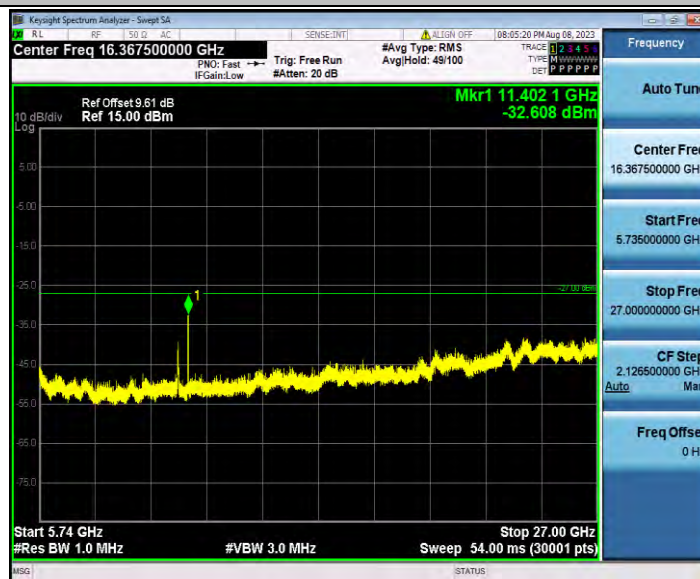
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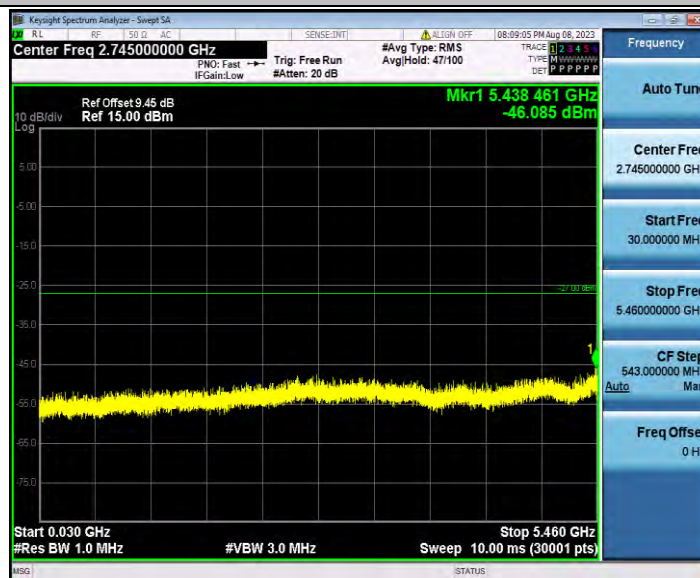
11AC20SISO_Ant0_5700_5735~40000



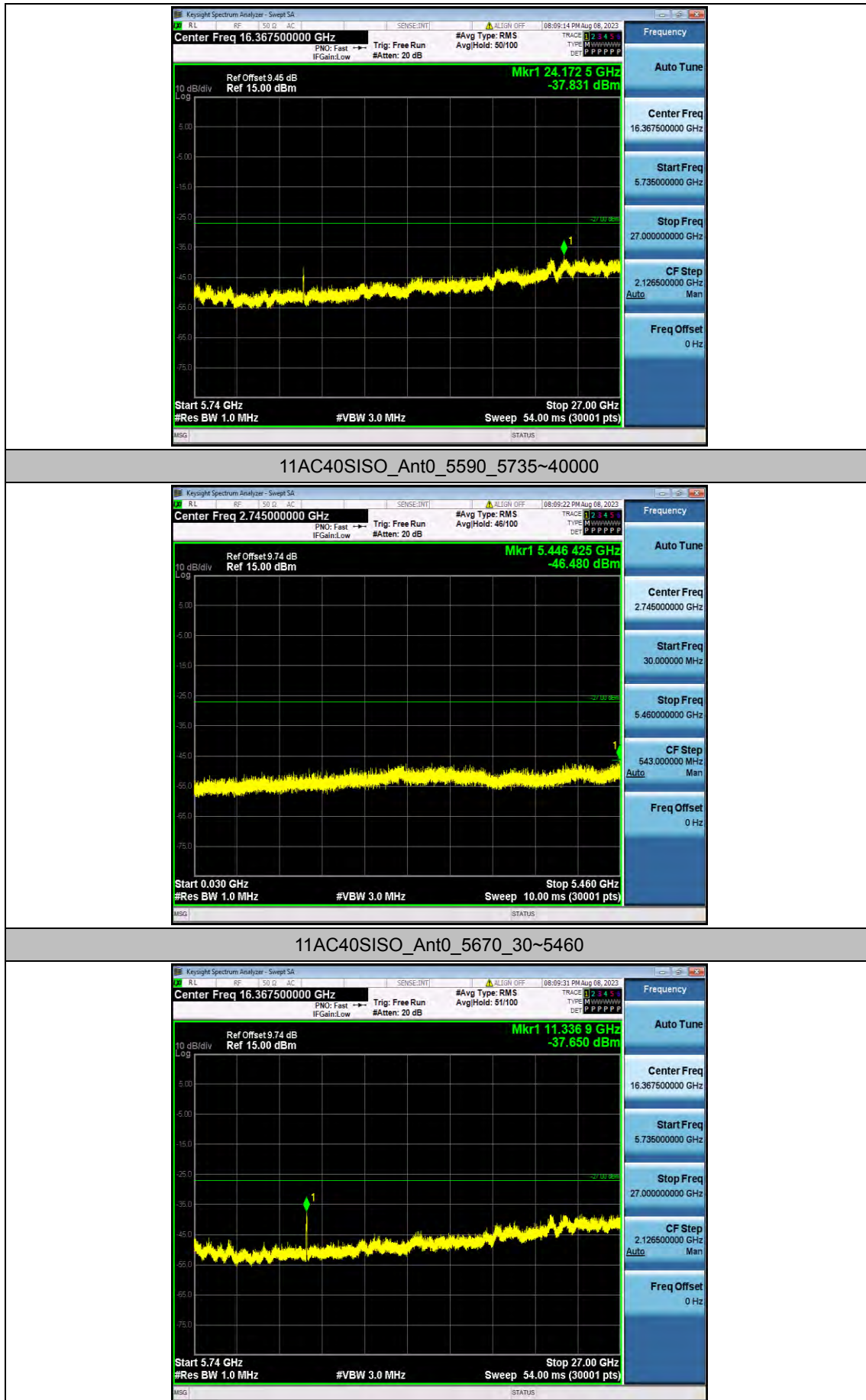
11AC40SISO_Ant0_5510_30~5460



11AC40SISO_Ant0_5510_5735~40000



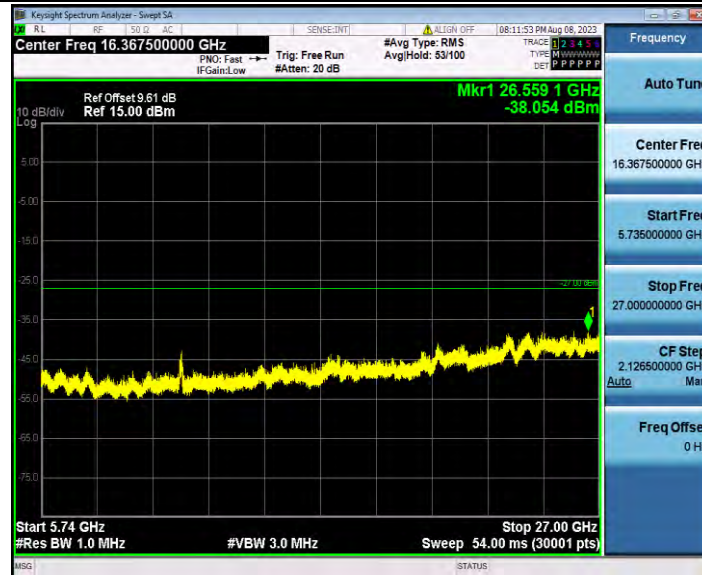
11AC40SISO_Ant0_5590_30~5460



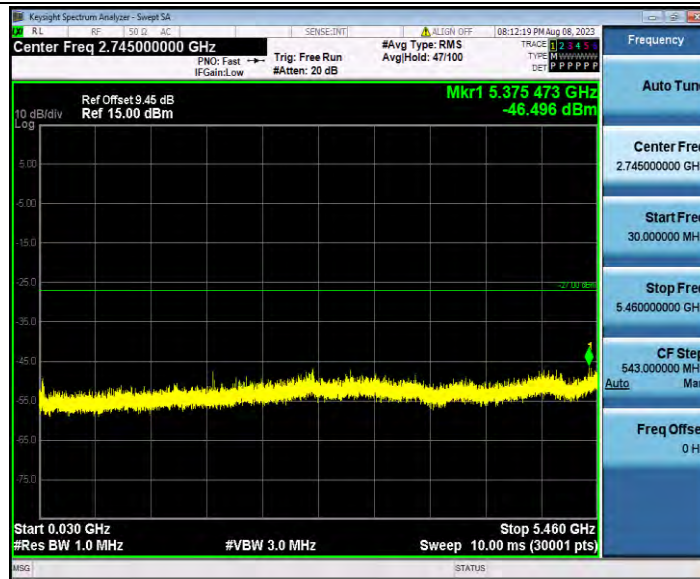
11AC40SISO_Ant0_5670_5735~40000



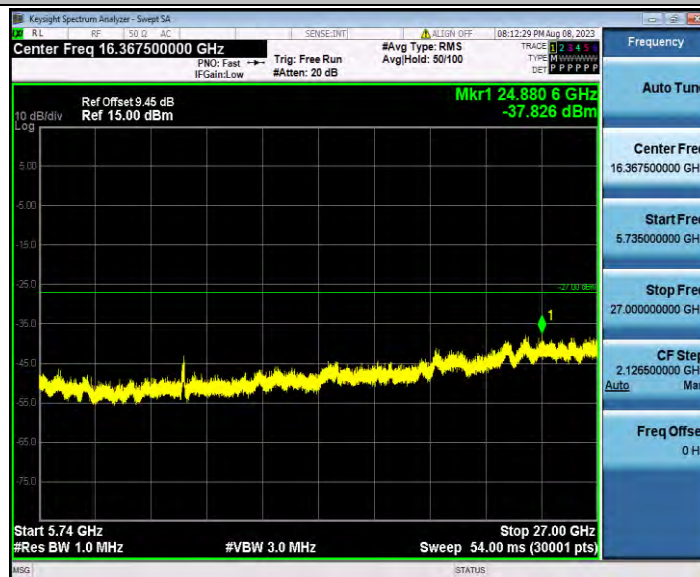
11AC80SISO_Ant0_5530_30~5460



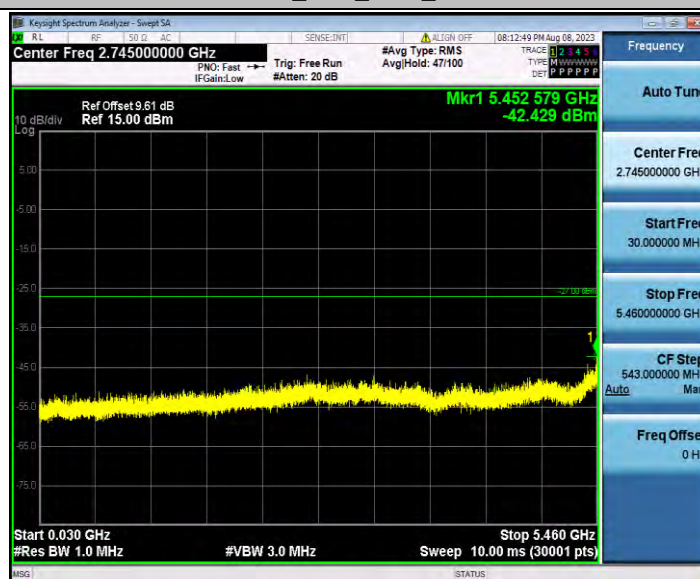
11AC80SISO_Ant0_5530_5735~40000



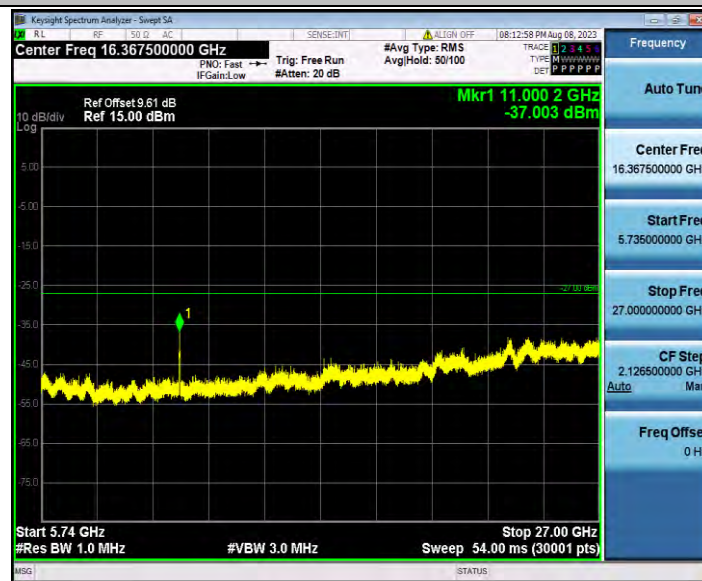
11AC80SISO_Ant0_5610_30~5460



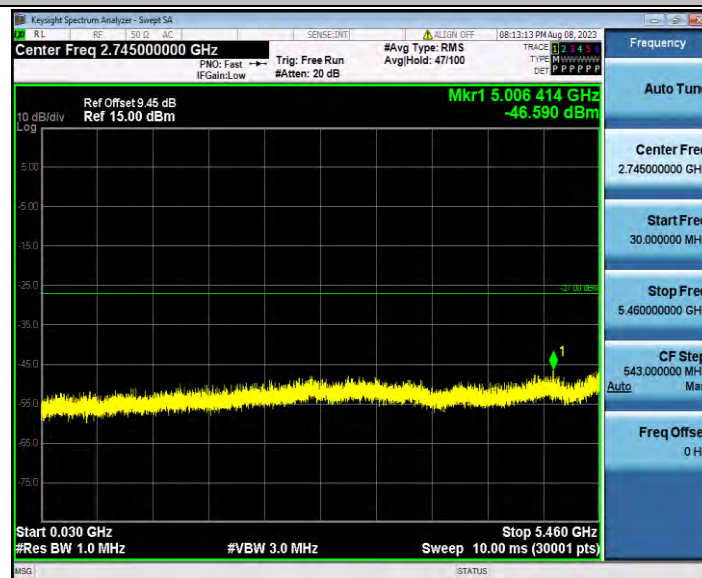
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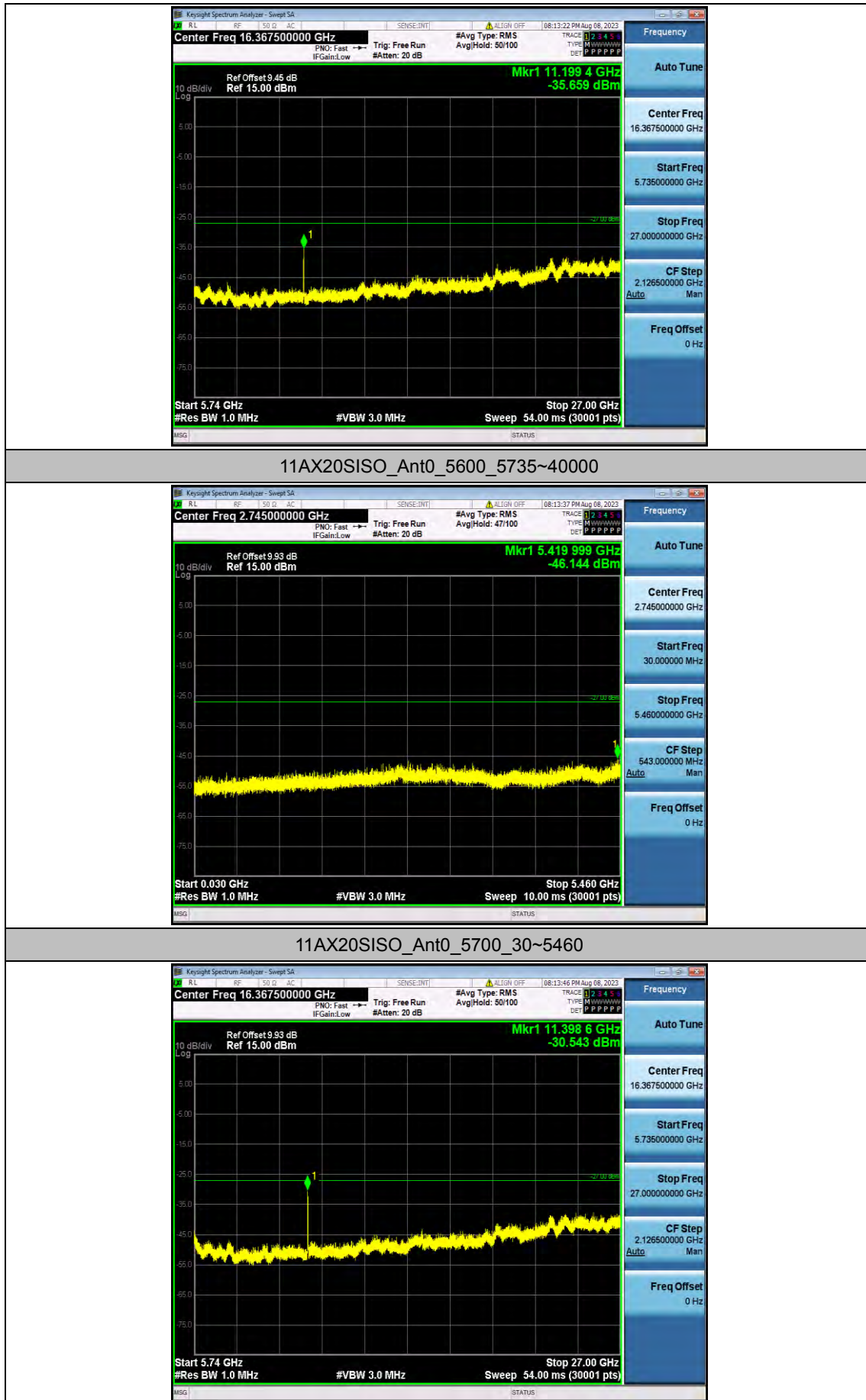
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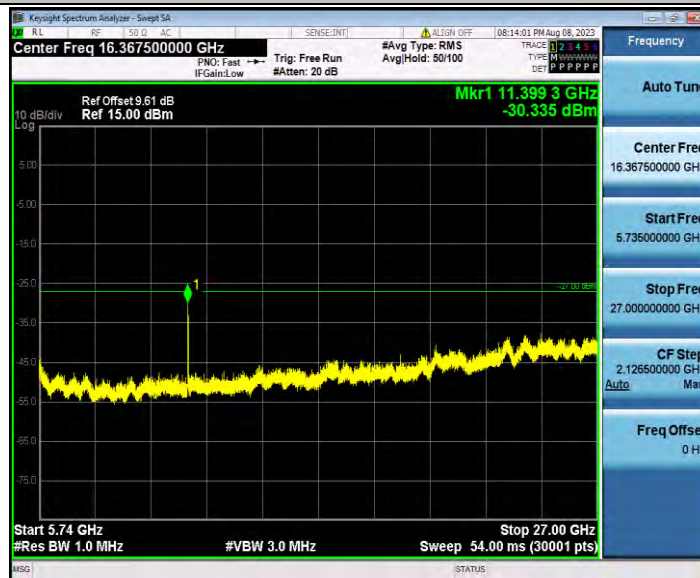
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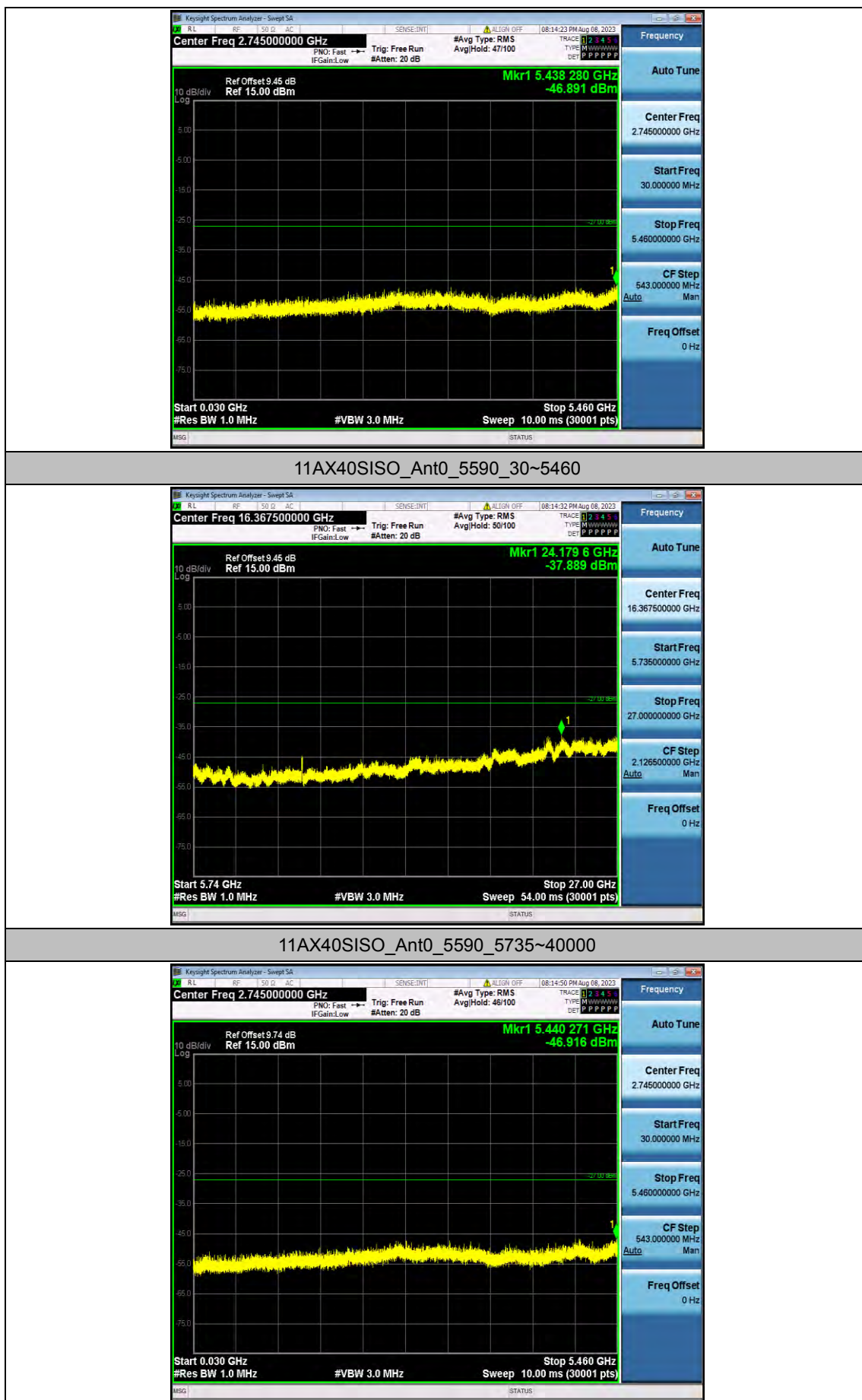
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11AX40SISO_Ant0_5510_30~5460



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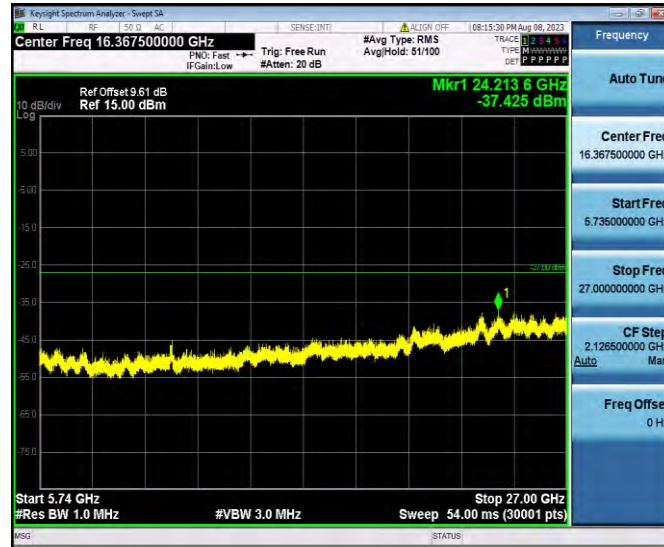
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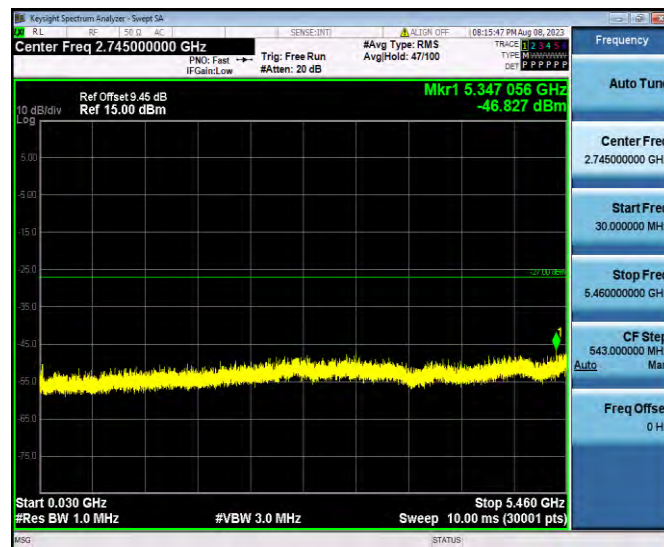
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11AX80SISO_Ant0_5530_30~5460



11AX80SISO_Ant0_5530_5735~40000



11AX80SISO_Ant0_5610_30~5460



11AX80SISO_Ant0_5610_5735~40000