

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	7.01	96.67	0.15	7.16	≤23.98	PASS
		5200	7.07	93.55	0.29	7.36	≤23.98	PASS
		5240	7.30	92.27	0.35	7.65	≤23.98	PASS
11N20SISO	Ant1	5180	6.63	91.75	0.37	7.00	≤23.98	PASS
		5200	6.88	92.20	0.35	7.23	≤23.98	PASS
		5240	7.21	93.56	0.29	7.50	≤23.98	PASS
11N40SISO	Ant1	5190	6.48	86.24	0.64	7.12	≤23.98	PASS
		5230	6.78	87.74	0.57	7.35	≤23.98	PASS
11AC20SISO	Ant1	5180	6.65	91.35	0.39	7.04	≤23.98	PASS
		5200	6.99	92.23	0.35	7.34	≤23.98	PASS
		5240	7.20	92.68	0.33	7.53	≤23.98	PASS
11AC40SISO	Ant1	5190	6.31	85.45	0.68	6.99	≤23.98	PASS
		5230	6.81	84.55	0.73	7.54	≤23.98	PASS
11AX20SISO	Ant1	5180	6.64	89.57	0.48	7.12	≤23.98	PASS
		5200	6.95	90.63	0.43	7.38	≤23.98	PASS
		5240	7.24	90.06	0.45	7.69	≤23.98	PASS
11AX40SISO	Ant1	5190	6.30	84.27	0.74	7.04	≤23.98	PASS
		5230	6.72	81.32	0.90	7.62	≤23.98	PASS

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

Appendix D.5: Maximum power spectral density

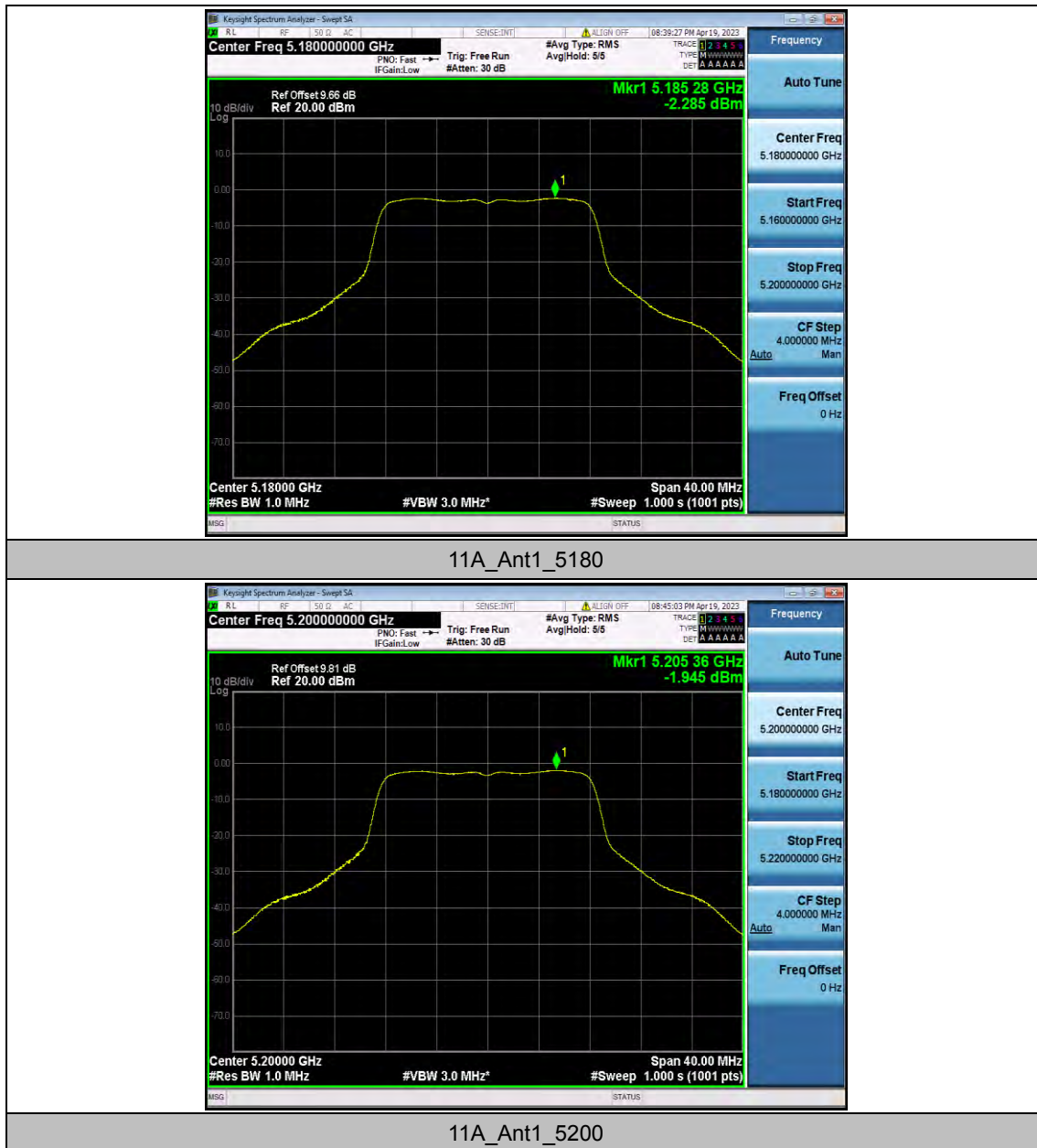
Test Result

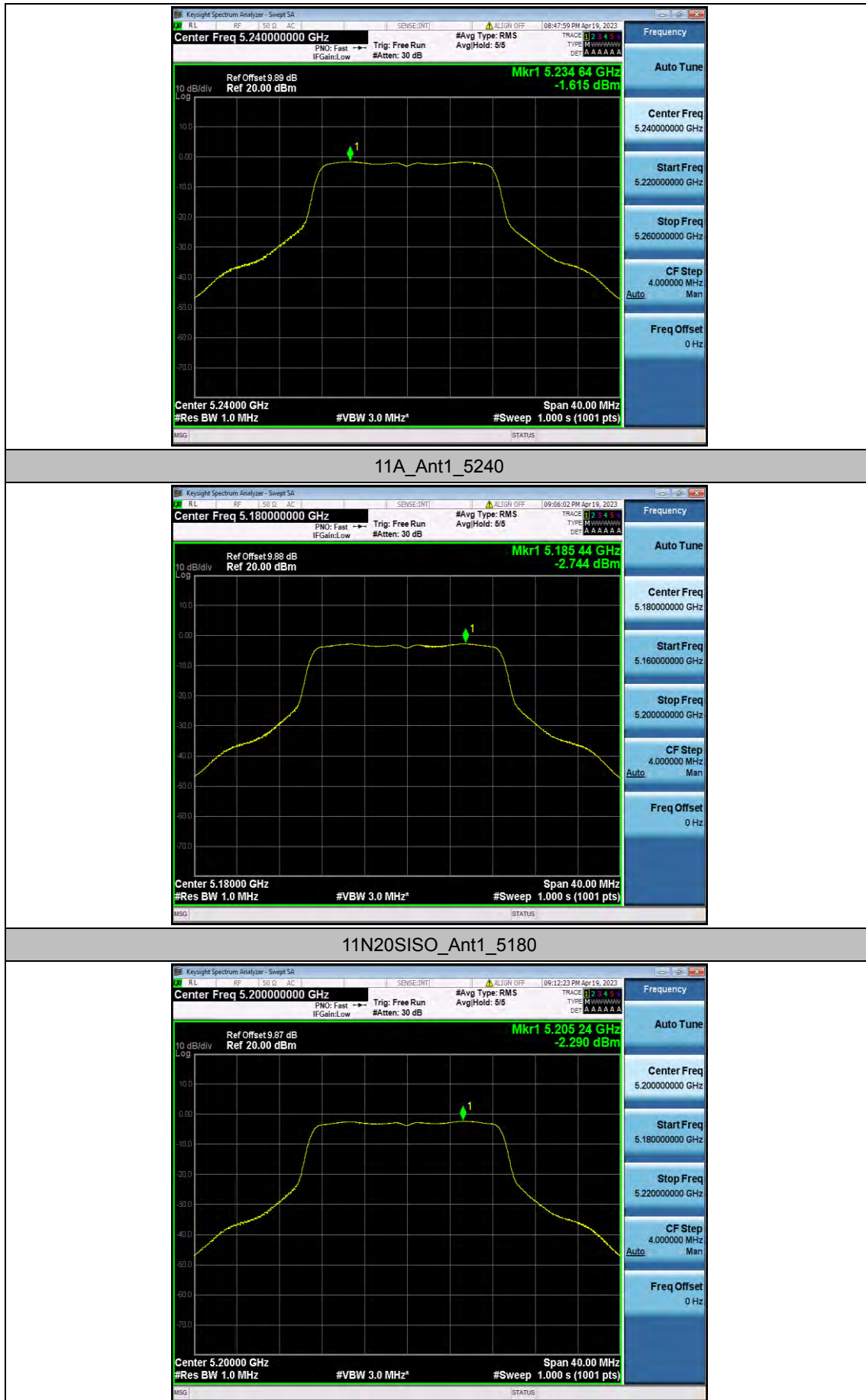
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.29	≤ 11.00	PASS
		5200	-1.95	≤ 11.00	PASS
		5240	-1.62	≤ 11.00	PASS
11N20SISO	Ant1	5180	-2.74	≤ 11.00	PASS
		5200	-2.29	≤ 11.00	PASS
		5240	-1.9	≤ 11.00	PASS
11N40SISO	Ant1	5190	-5.66	≤ 11.00	PASS
		5230	-5.43	≤ 11.00	PASS
11AC20SISO	Ant1	5180	-2.64	≤ 11.00	PASS
		5200	-2.28	≤ 11.00	PASS
		5240	-1.99	≤ 11.00	PASS
11AC40SISO	Ant1	5190	-5.74	≤ 11.00	PASS
		5230	-5.25	≤ 11.00	PASS
11AX20SISO	Ant1	5180	-2.85	≤ 11.00	PASS
		5200	-2.48	≤ 11.00	PASS
		5240	-2.14	≤ 11.00	PASS
11AX40SISO	Ant1	5190	-5.86	≤ 11.00	PASS
		5230	-5.26	≤ 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





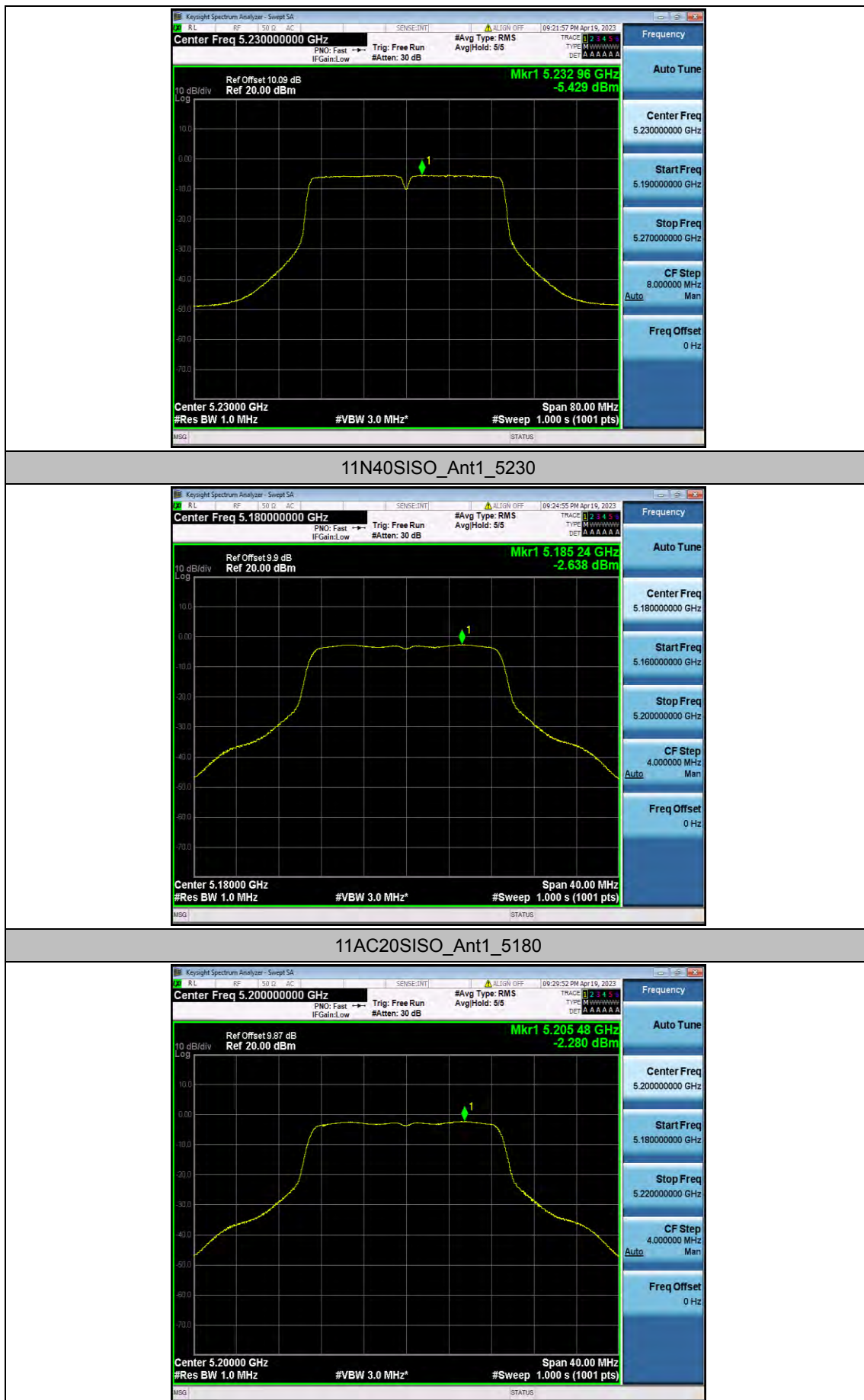
11N20SISO_Ant1_5200

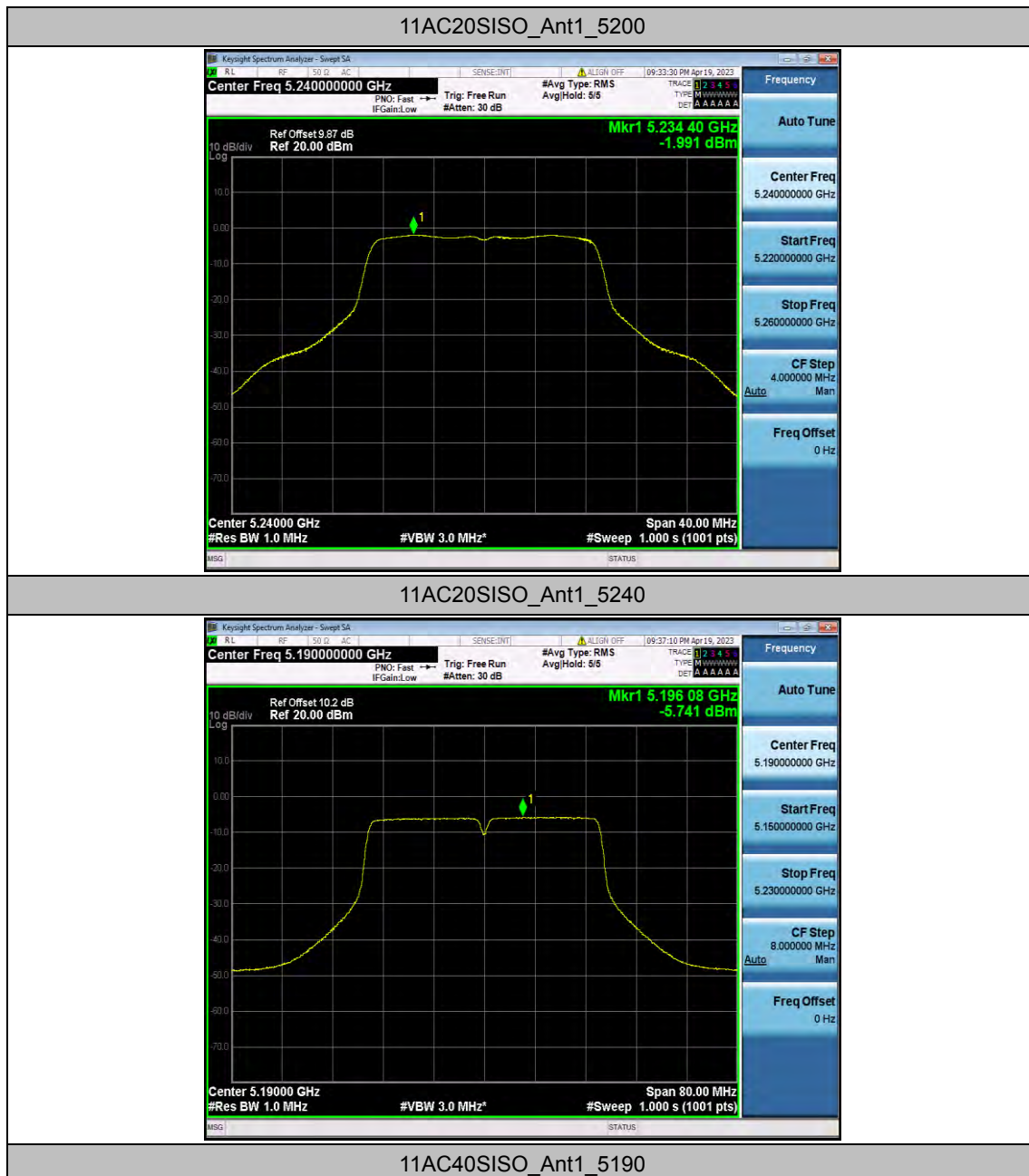


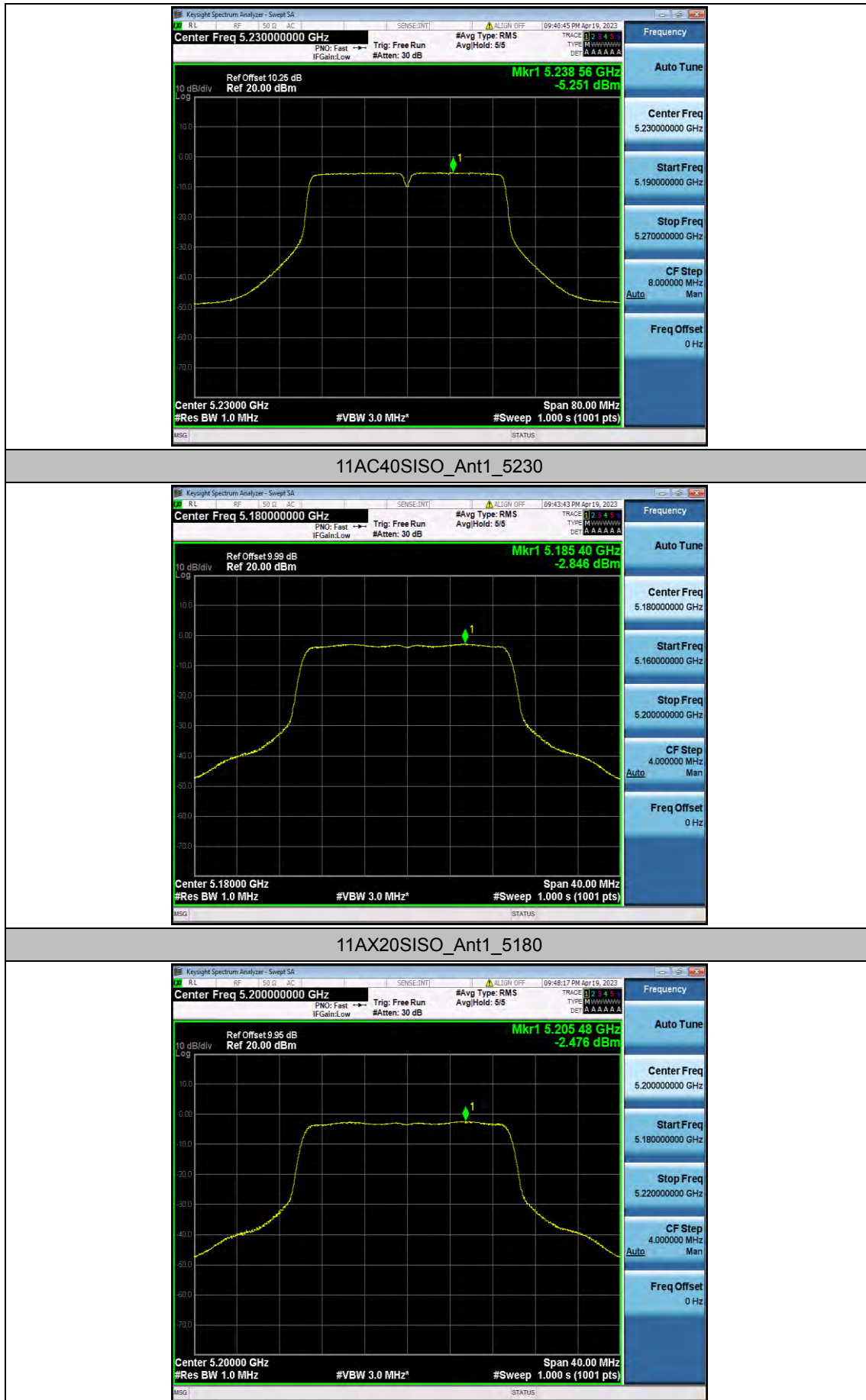
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190







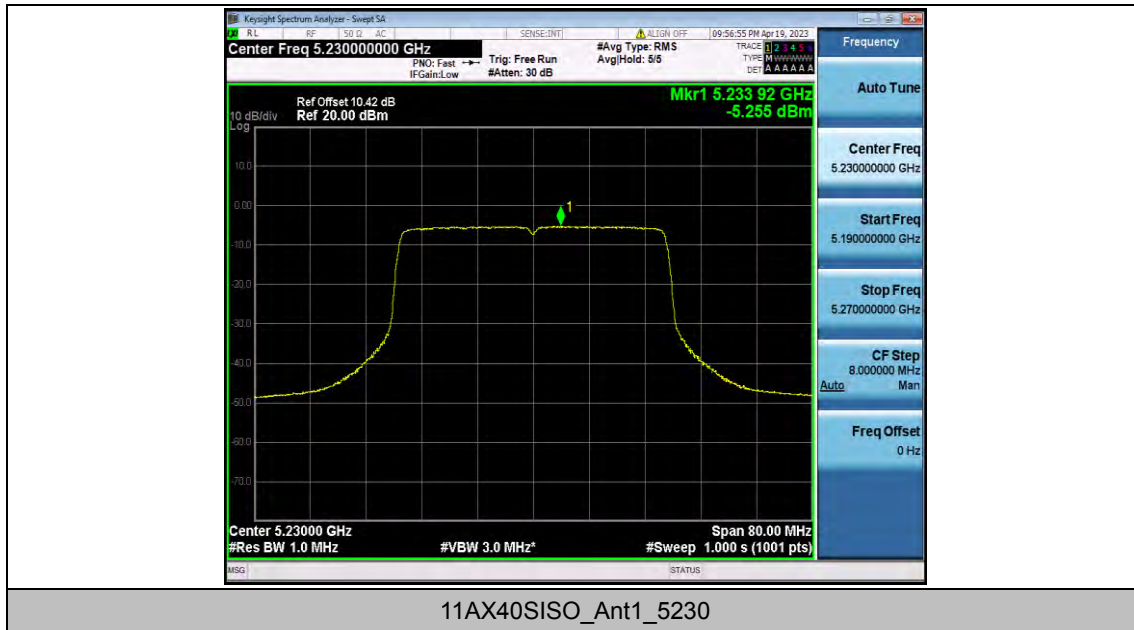
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

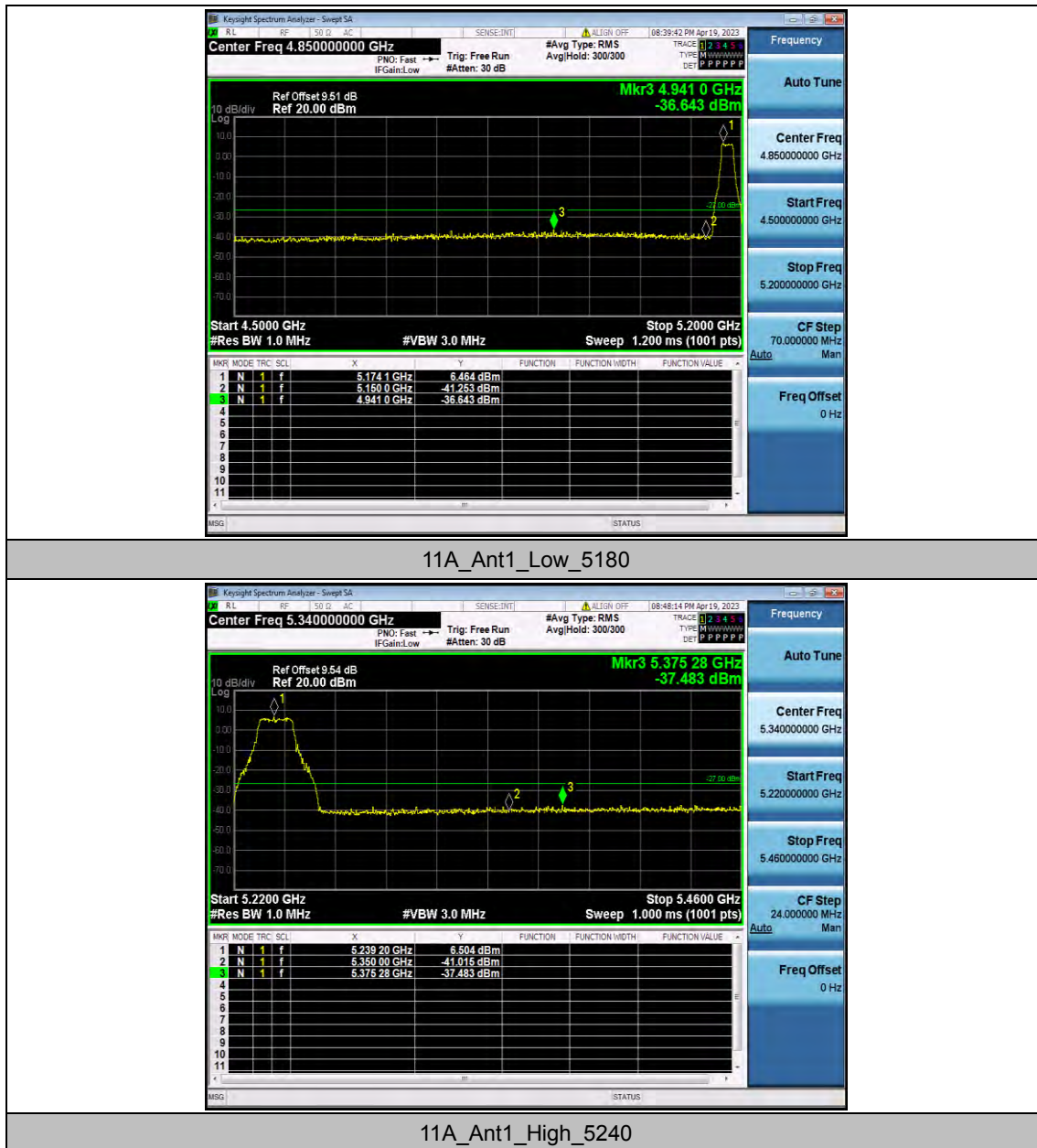


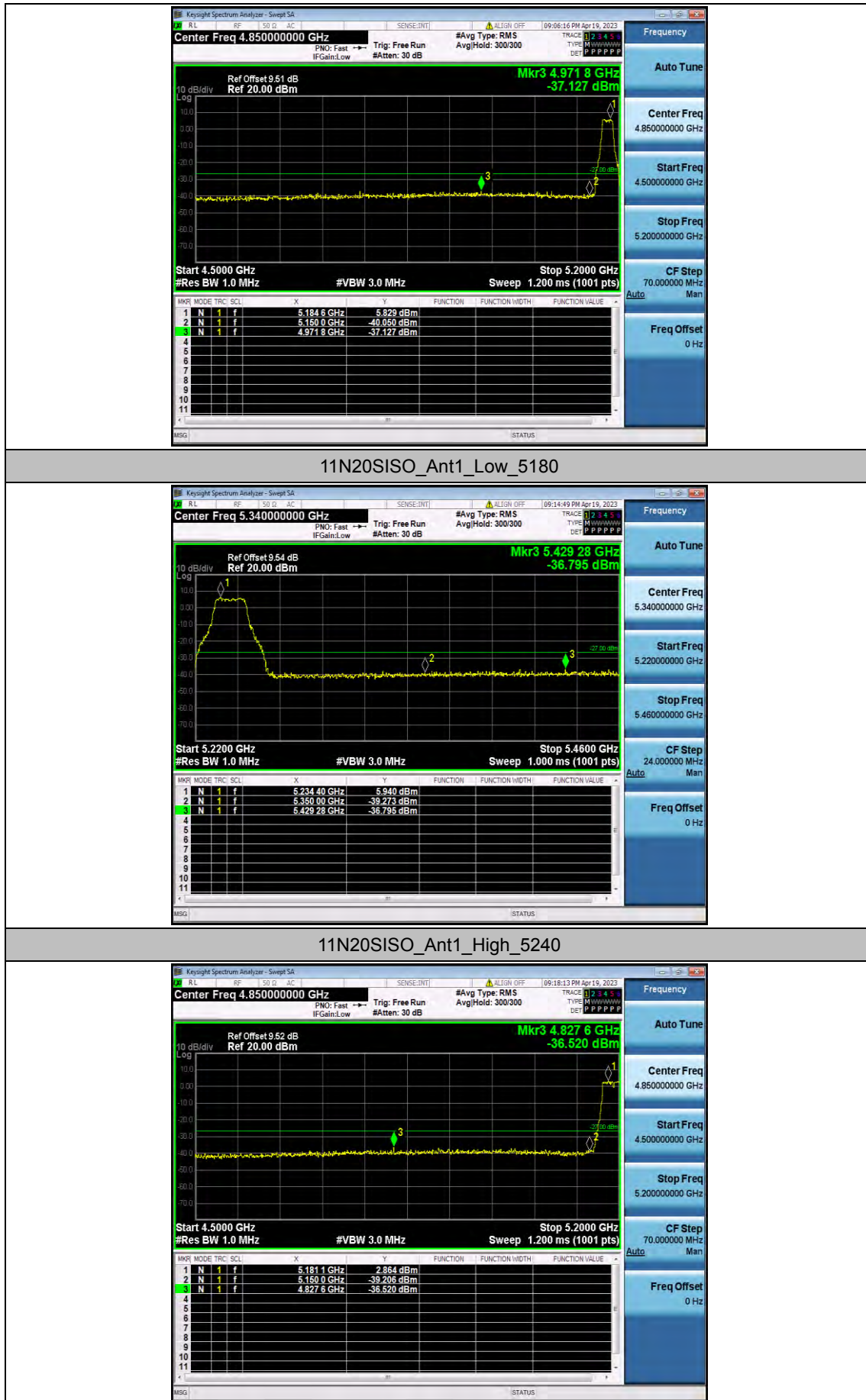
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.64	≤ -27	PASS
		High	5240	-37.48	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.13	≤ -27	PASS
		High	5240	-36.8	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.52	≤ -27	PASS
		High	5230	-37.35	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.86	≤ -27	PASS
		High	5240	-37.32	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-36.97	≤ -27	PASS
		High	5230	-37.07	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-36.2	≤ -27	PASS
		High	5240	-36.62	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-36.13	≤ -27	PASS
		High	5230	-37.35	≤ -27	PASS

Test Graphs B1

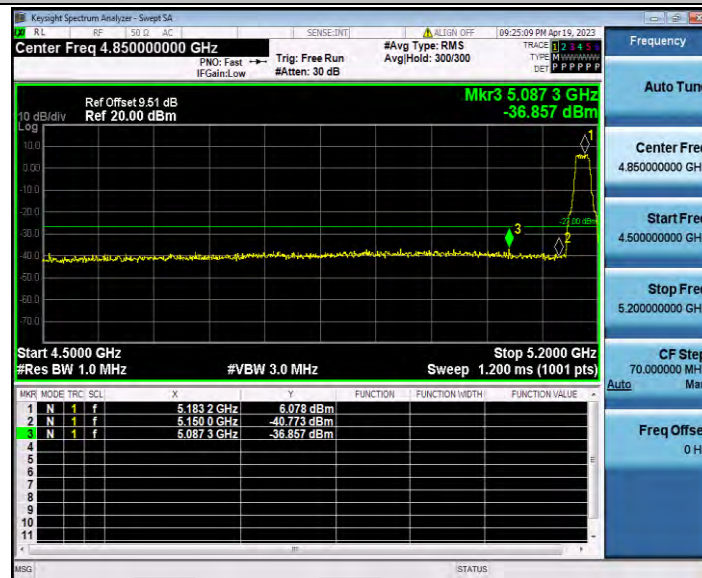




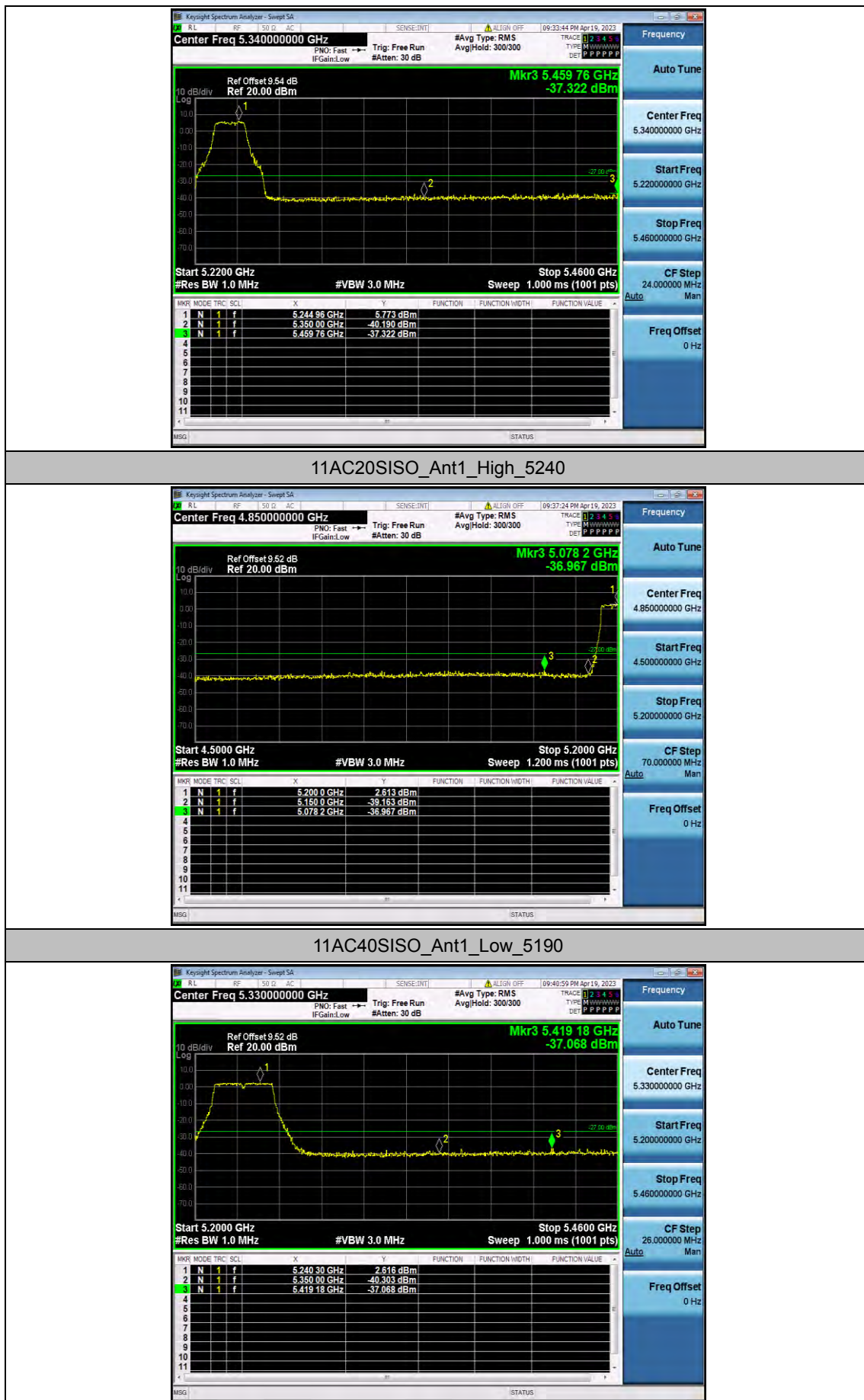
11N40SISO_Ant1_Low_5190



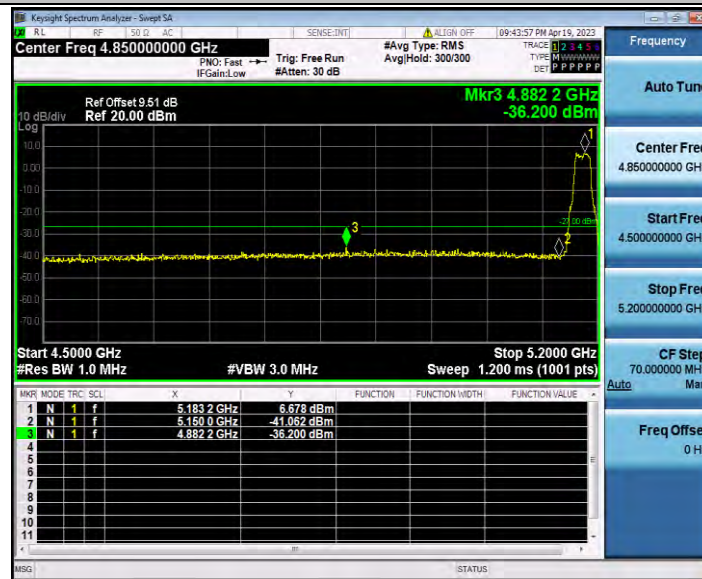
11N40SISO_Ant1_High_5230



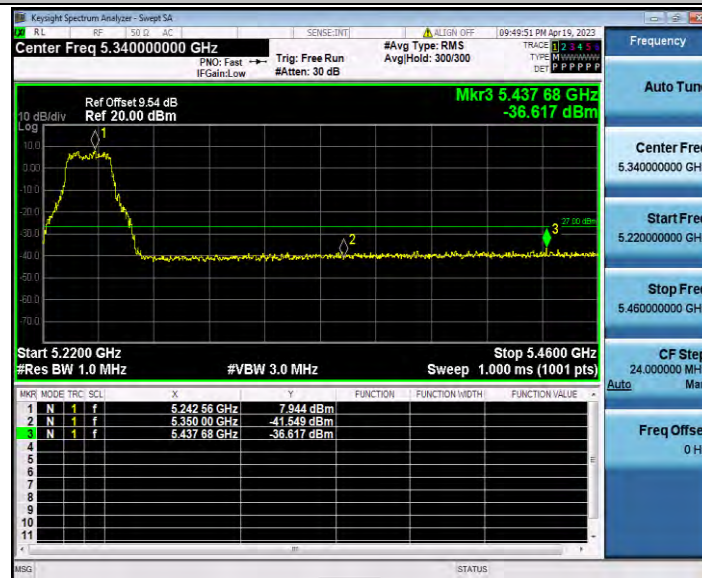
11AC20SISO_Ant1_Low_5180



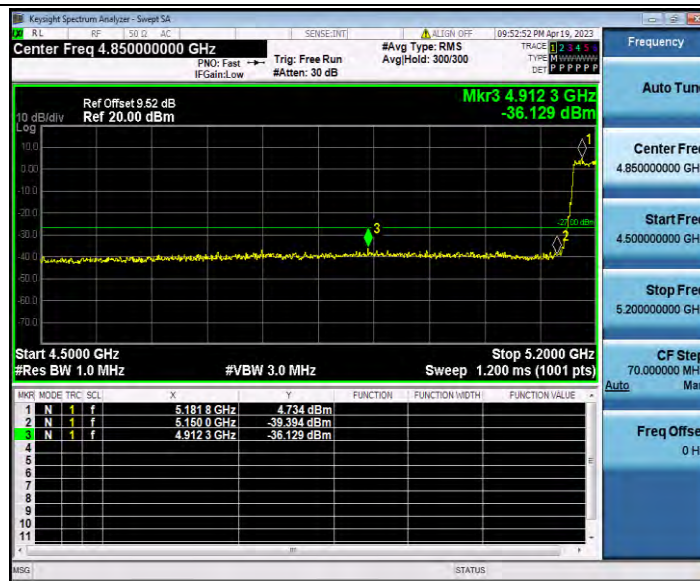
11AC40SISO_Ant1_High_5230



11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_Low_5190



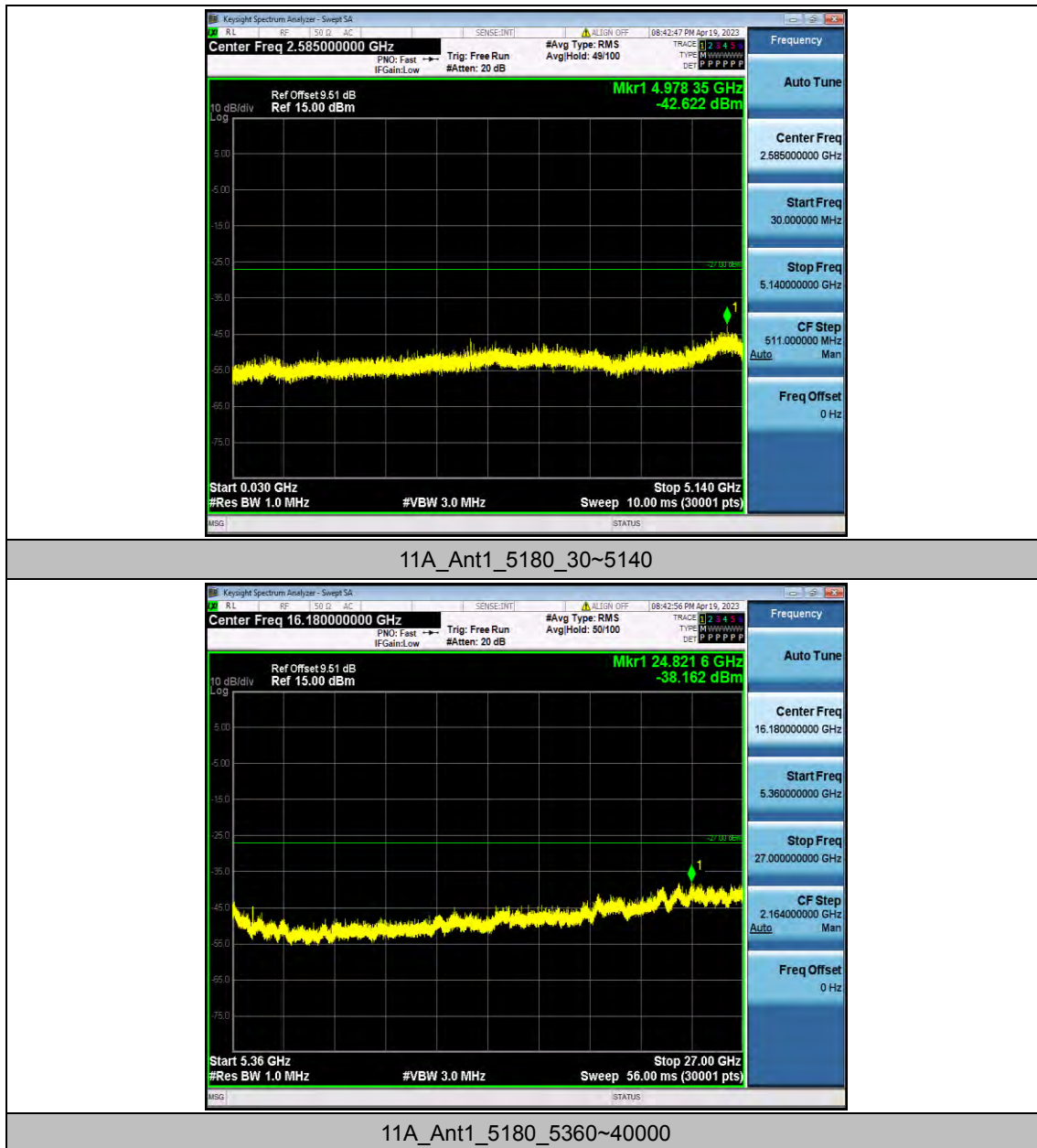
11AX40SISO_Ant1_High_5230

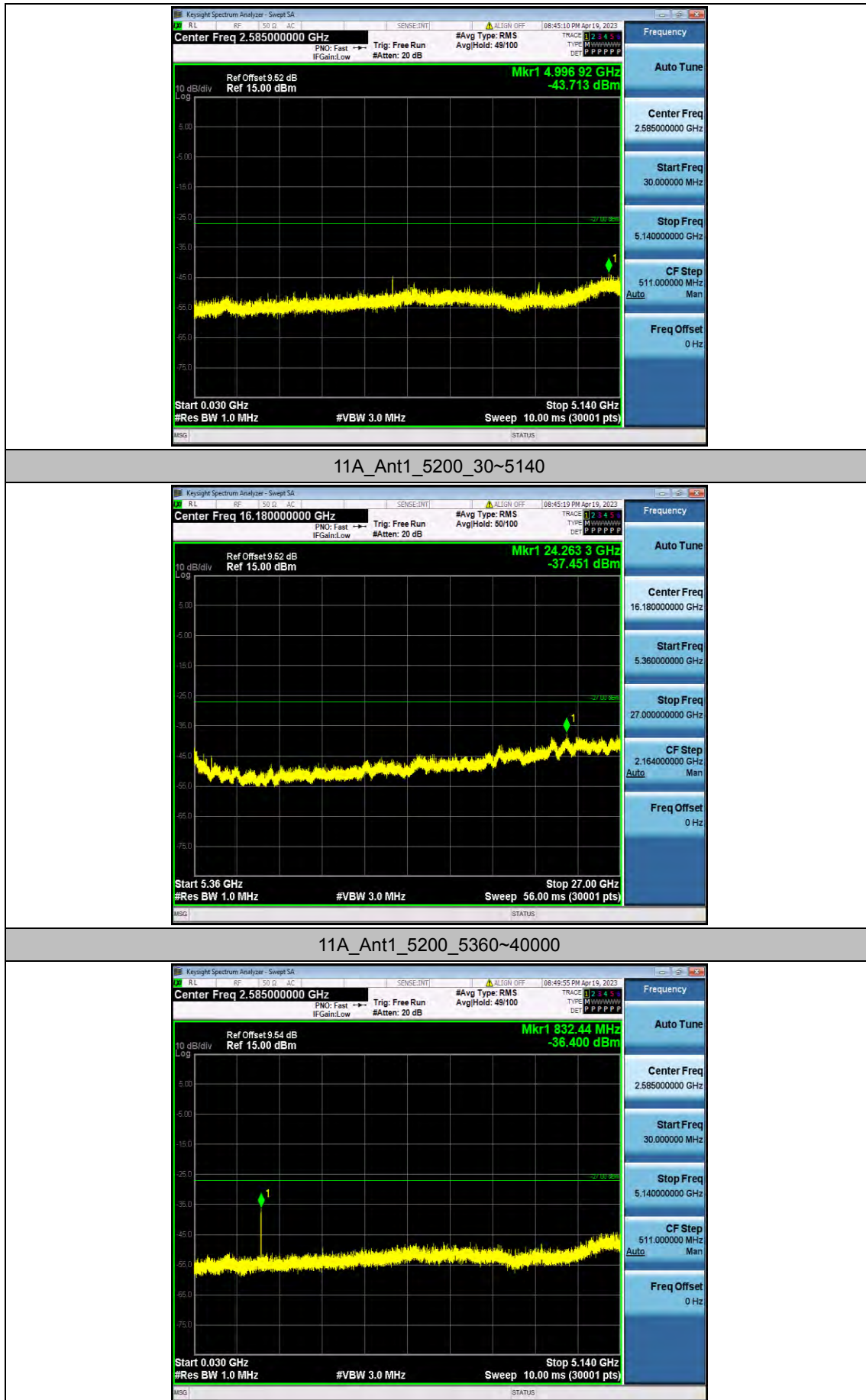
Appendix D.7: Conducted Spurious Emission

Test Result

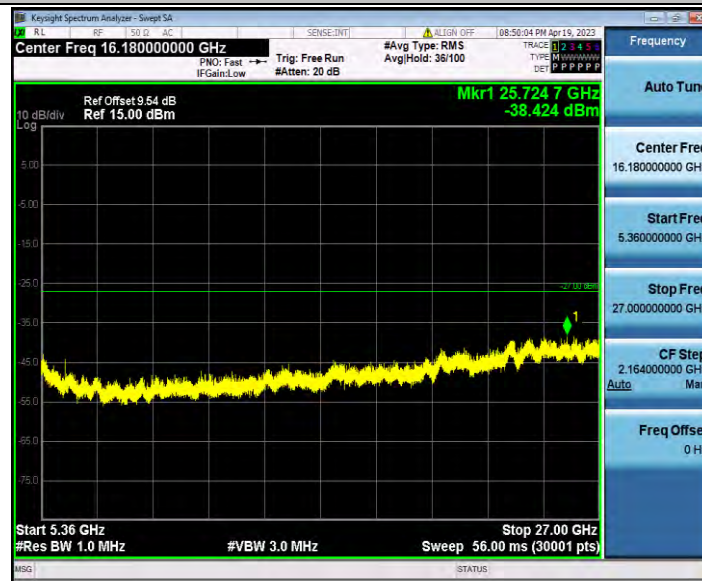
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4978.35	-42.62	≤-27	PASS
			5360~40000	24821.57	-38.16	≤-27	PASS
		5200	30~5140	4996.92	-43.71	≤-27	PASS
			5360~40000	24263.26	-37.45	≤-27	PASS
		5240	30~5140	832.44	-36.4	≤-27	PASS
			5360~40000	25724.68	-38.42	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5042.91	-43.9	≤-27	PASS
			5360~40000	23515.24	-38.04	≤-27	PASS
		5200	30~5140	5009.01	-43.98	≤-27	PASS
			5360~40000	26091.84	-37.85	≤-27	PASS
		5240	30~5140	4981.08	-44.28	≤-27	PASS
			5360~40000	24276.25	-37.85	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	2409.56	-39.18	≤-27	PASS
			5360~40000	24276.97	-37.59	≤-27	PASS
		5230	30~5140	4932.7	-43.22	≤-27	PASS
			5360~40000	24266.15	-38.12	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	4973.93	-44.25	≤-27	PASS
			5360~40000	26862.95	-37.7	≤-27	PASS
		5200	30~5140	5078.51	-43.82	≤-27	PASS
			5360~40000	26599.66	-38.19	≤-27	PASS
		5240	30~5140	907.05	-38.1	≤-27	PASS
			5360~40000	26540.51	-38.05	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	2410.24	-42.17	≤-27	PASS
			5360~40000	24333.95	-37.85	≤-27	PASS
		5230	30~5140	911.82	-33.45	≤-27	PASS
			5360~40000	26481.36	-38.26	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4957.74	-43.63	≤-27	PASS
			5360~40000	24272.64	-37.83	≤-27	PASS
		5200	30~5140	913.01	-36.99	≤-27	PASS
			5360~40000	26067.32	-37.75	≤-27	PASS
		5240	30~5140	913.52	-36.57	≤-27	PASS
			5360~40000	24787.67	-38.39	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5077.49	-43.46	≤-27	PASS
			5360~40000	26543.4	-37.05	≤-27	PASS
		5230	30~5140	4922.14	-43.34	≤-27	PASS
			5360~40000	26874.49	-37.88	≤-27	PASS

Test Graphs

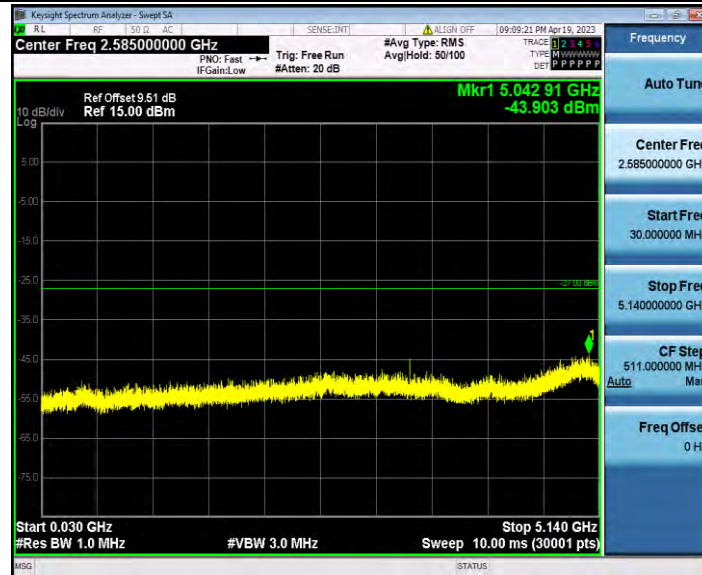




11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000



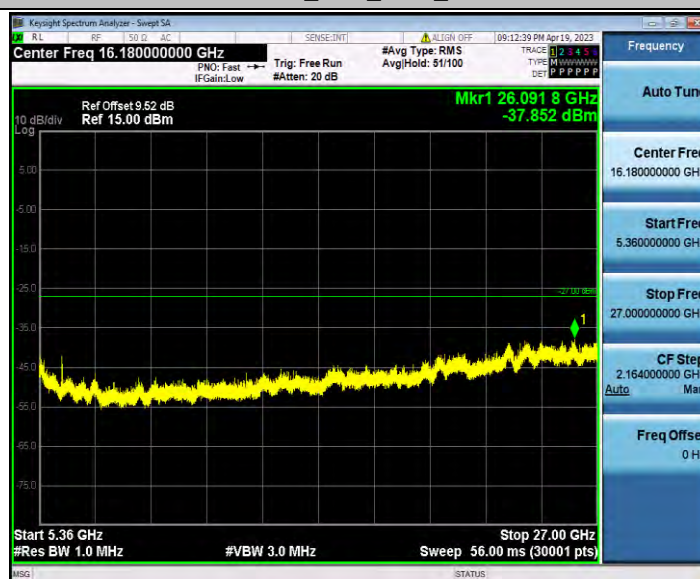
11N20SISO_Ant1_5180_30~5140



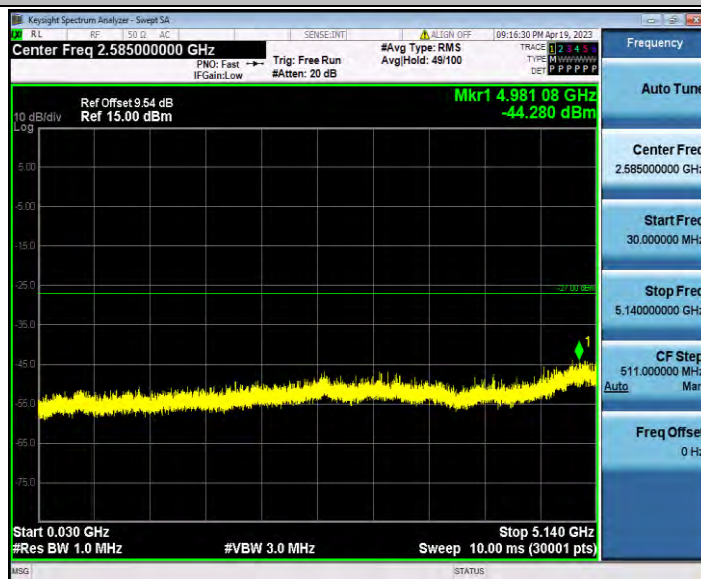
11N20SISO_Ant1_5180_5360~40000



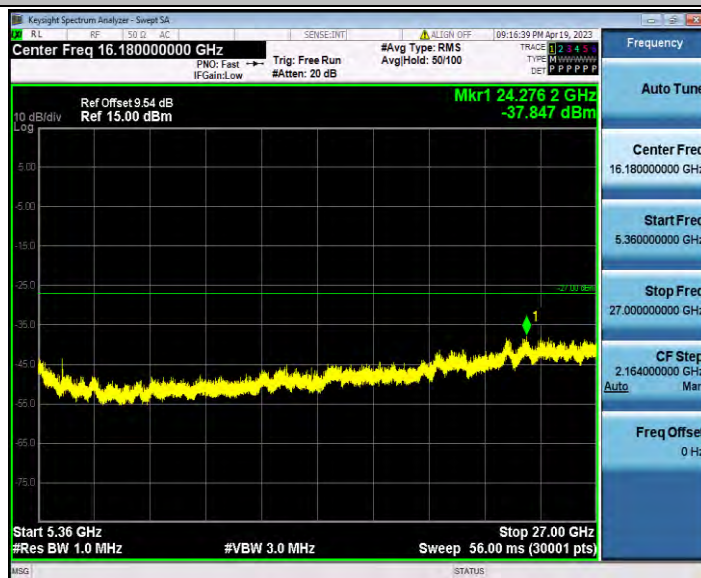
11N20SISO_Ant1_5200_30~5140



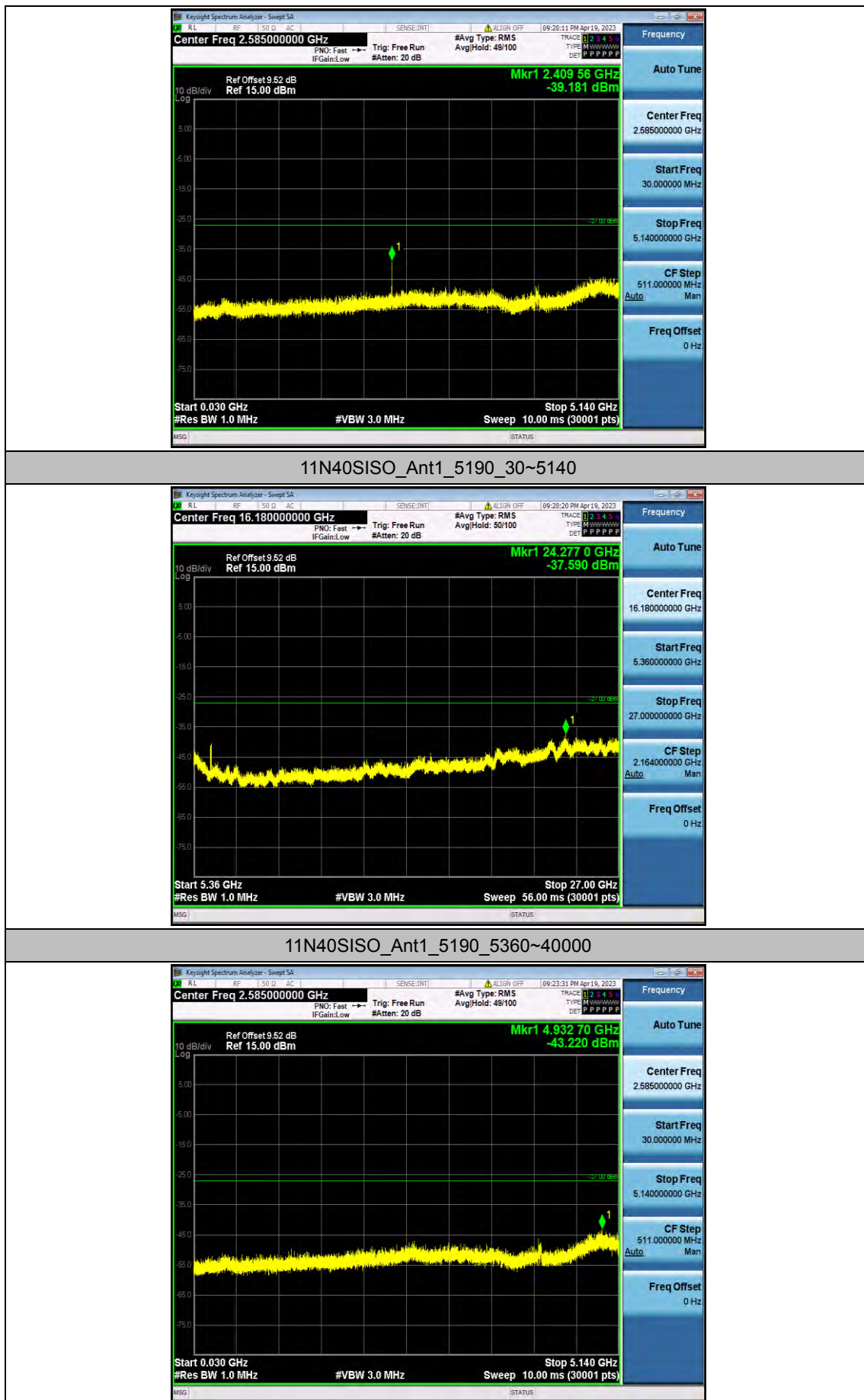
11N20SISO_Ant1_5200_5360~40000



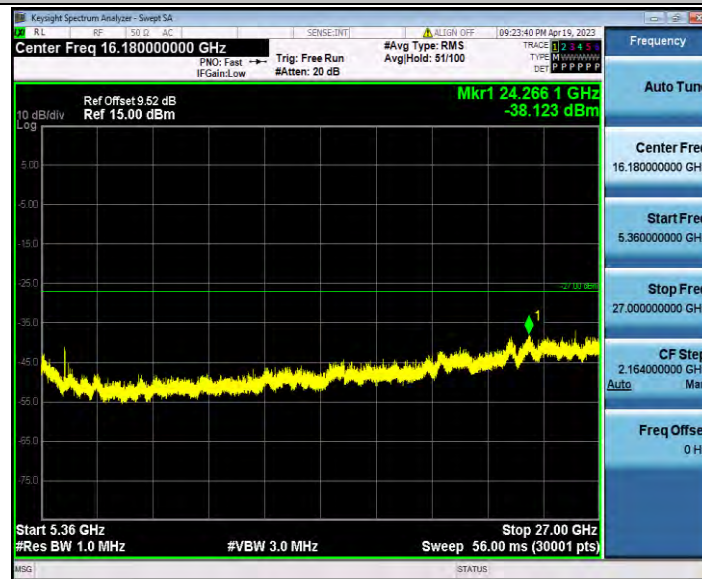
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



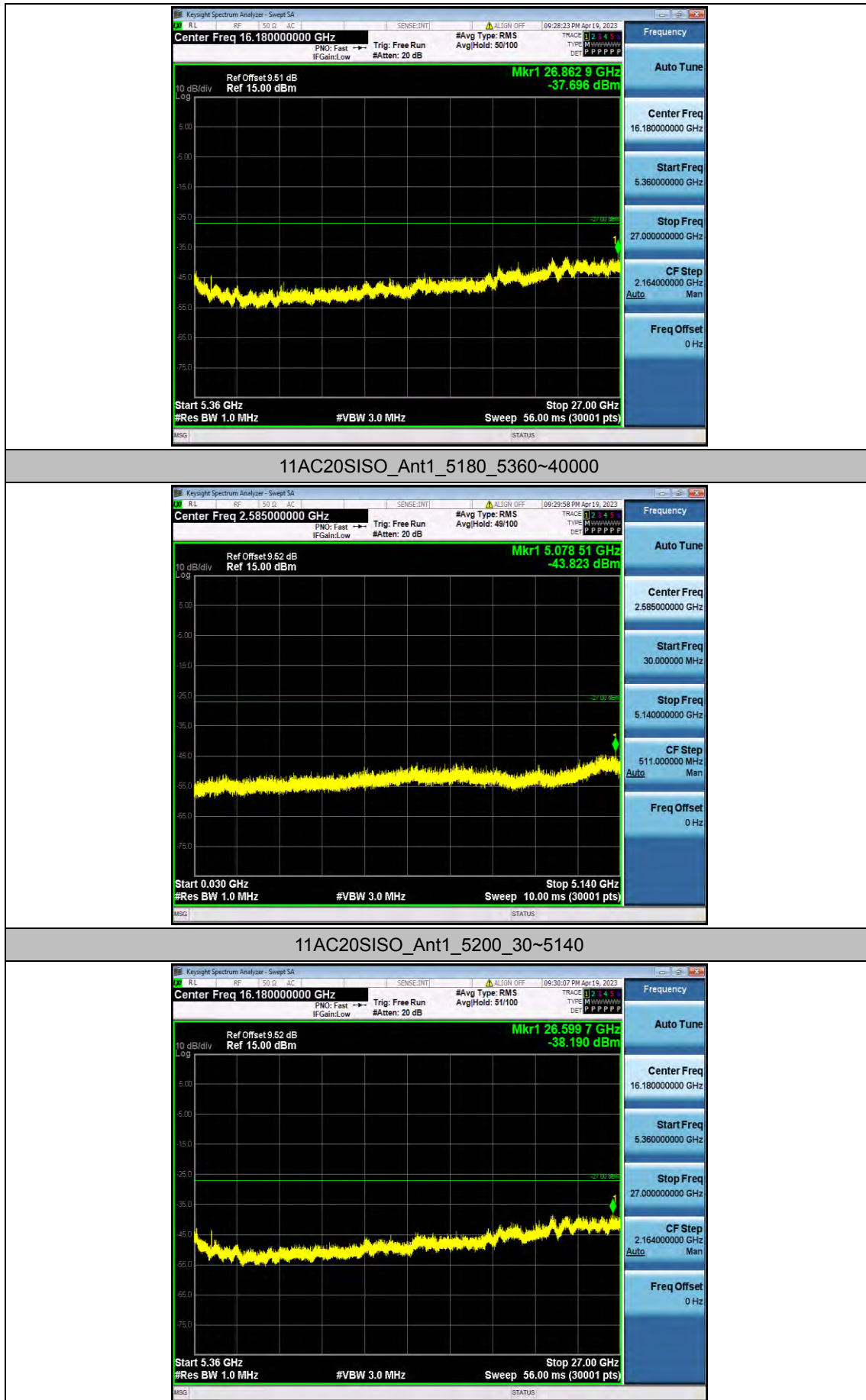
11N40SISO_Ant1_5230_30~5140



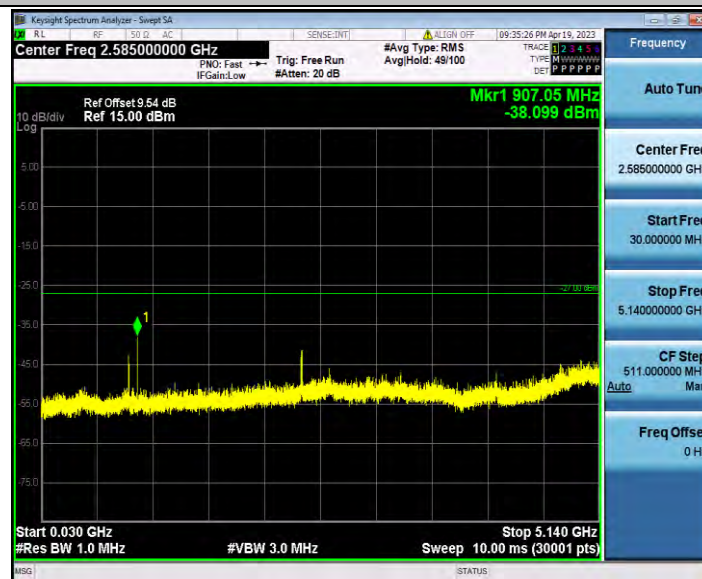
11N40SISO_Ant1_5230_5360~40000



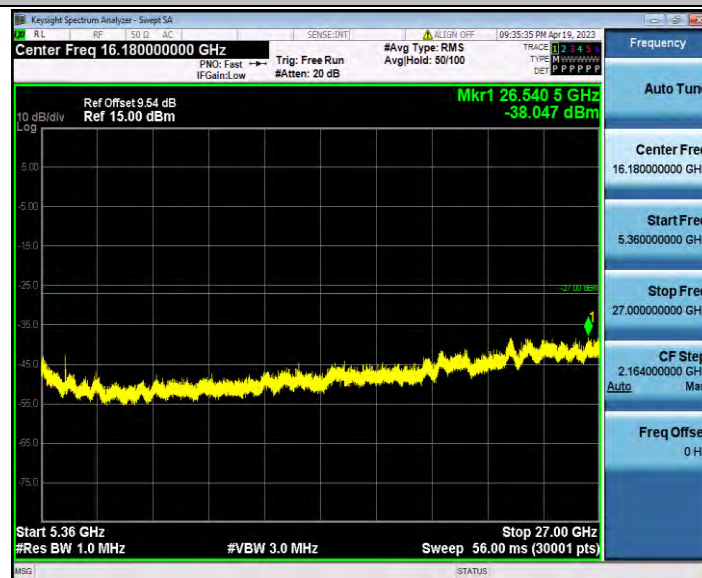
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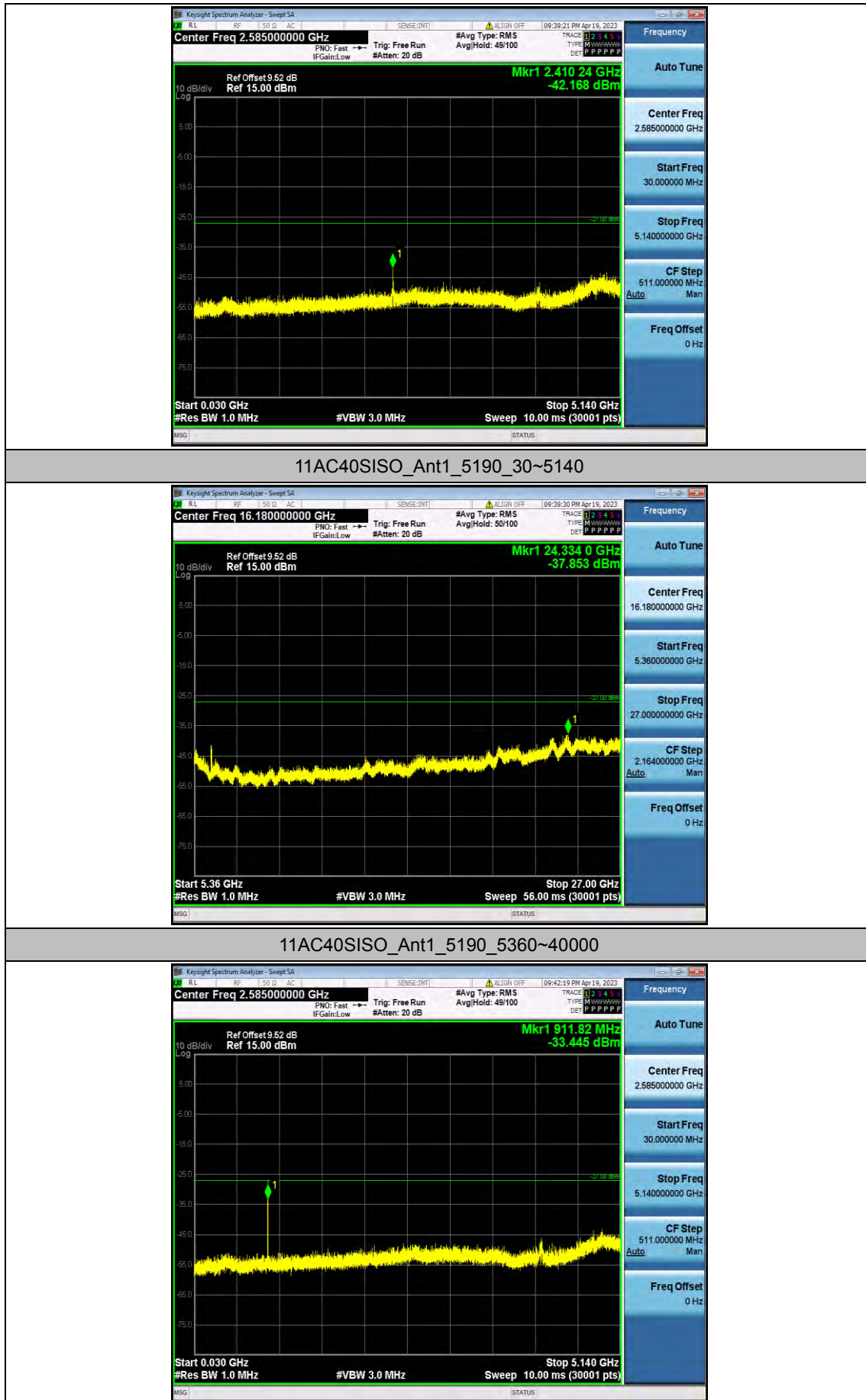
11AC20SISO_Ant1_5200_5360~40000



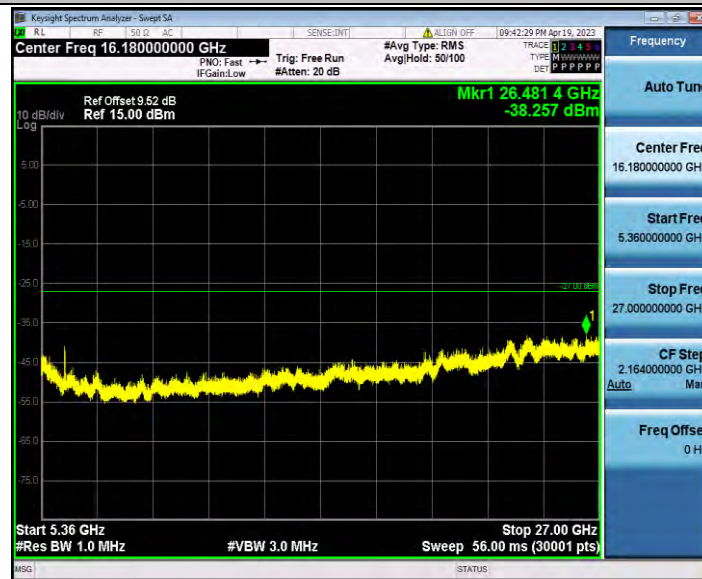
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



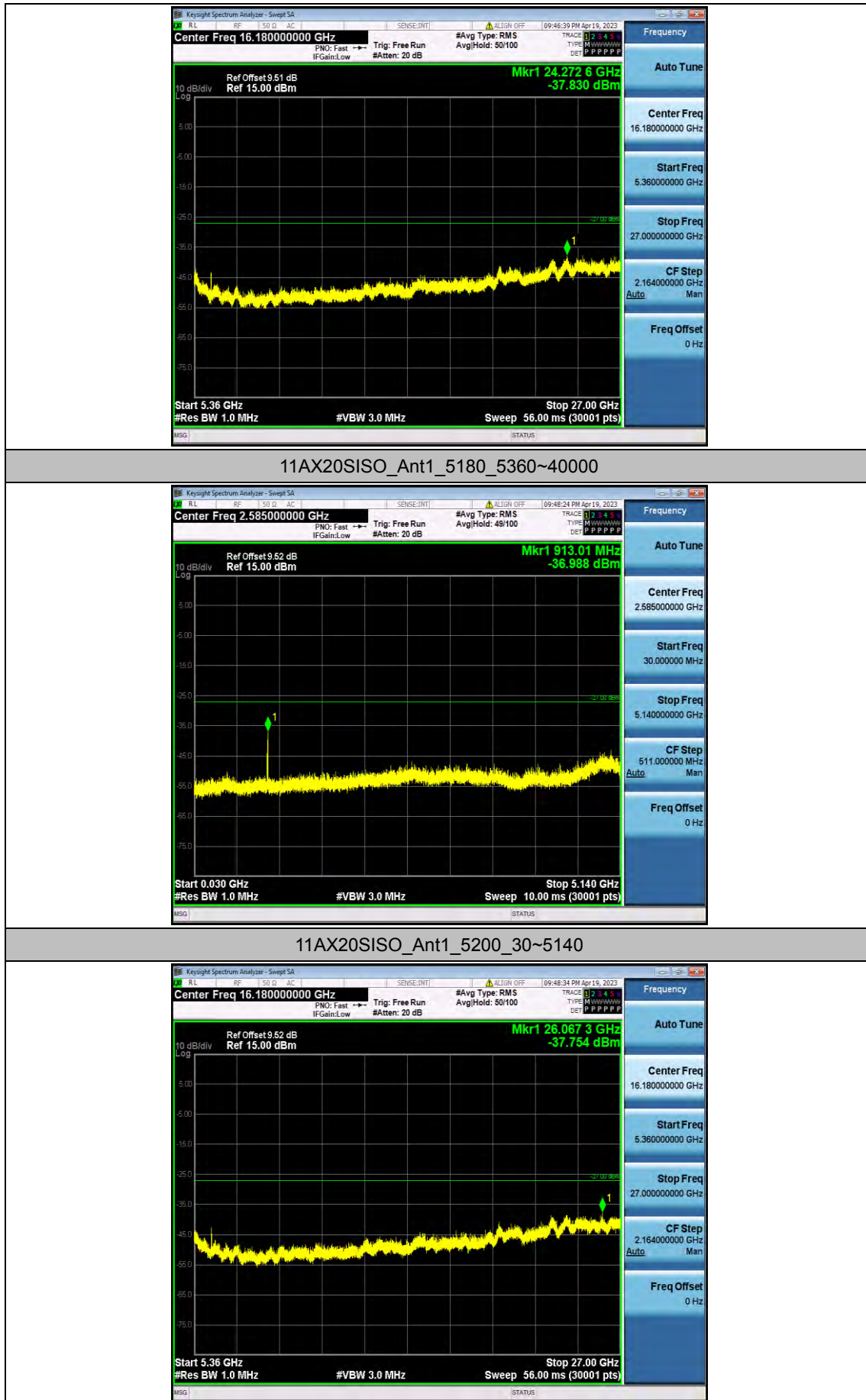
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11AC40SISO_Ant1_5230_5360~40000



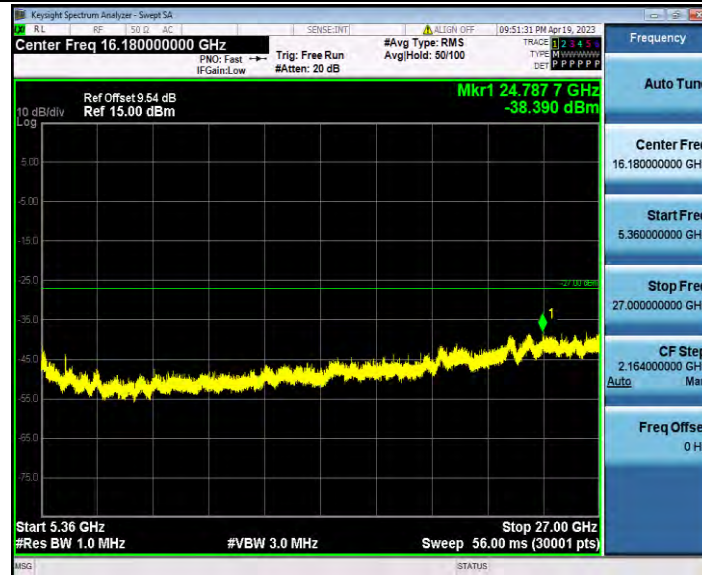
11AX20SISO_Ant1_5180_30~5140



11AX20SISO_Ant1_5200_5360~40000



11AX20SISO_Ant1_5240_30~5140



11AX20SISO_Ant1_5240_5360~40000



11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000

