

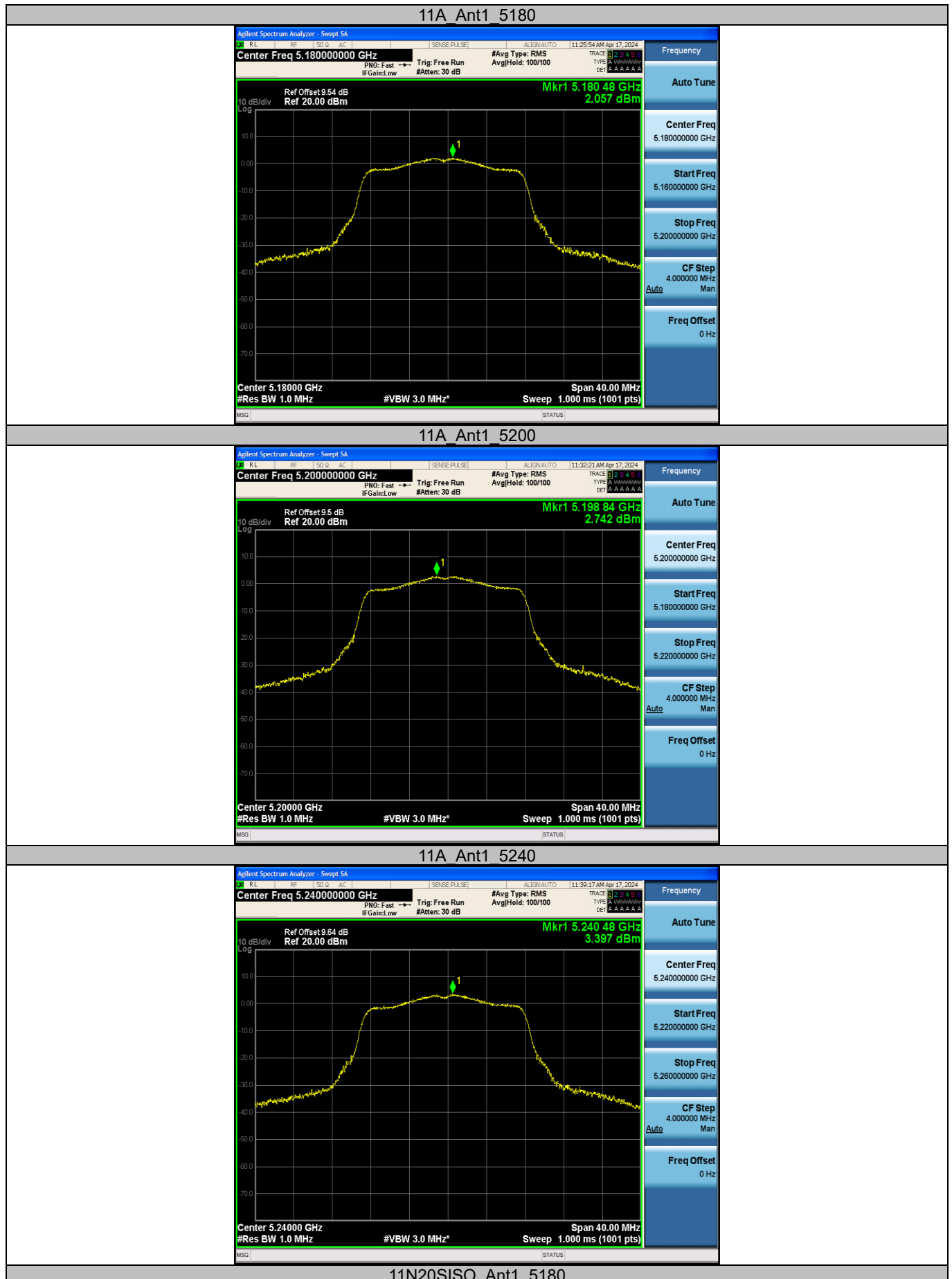
Appendix C: Maximum conducted output power
Test Result

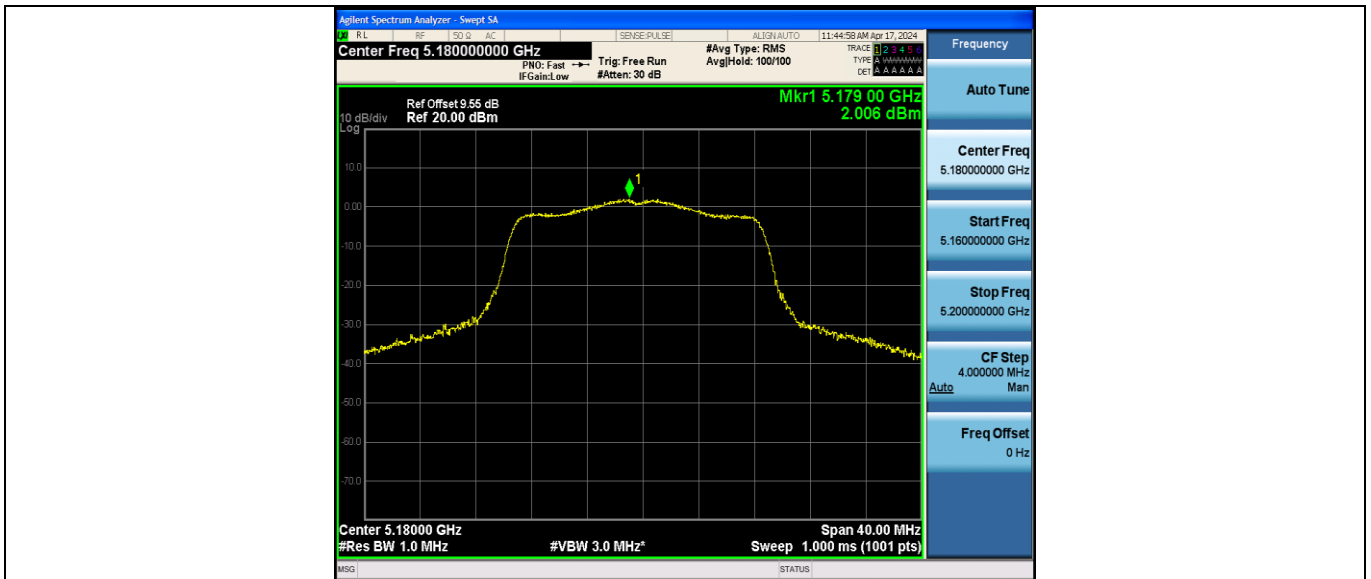
Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5180	12.44	97.22	0.12	12.56	≤23.98	1.53	14.09	PASS
		5200	13.10	97.22	0.12	13.22	≤23.98	1.53	14.75	PASS
		5240	13.20	97.22	0.12	13.32	≤23.98	1.53	14.85	PASS
11N20SISO	Ant1	5180	11.96	96.30	0.16	12.12	≤23.98	1.53	13.65	PASS
		5200	12.62	97.04	0.13	12.75	≤23.98	1.53	14.28	PASS
		5240	12.71	97.04	0.13	12.84	≤23.98	1.53	14.37	PASS
11N40SISO	Ant1	5190	8.31	94.20	0.26	8.57	≤23.98	1.53	10.1	PASS
		5230	9.23	94.20	0.26	9.49	≤23.98	1.53	11.02	PASS
11AC20SISO	Ant1	5180	11.93	96.32	0.16	12.09	≤23.98	1.53	13.62	PASS
		5200	12.88	97.06	0.13	13.01	≤23.98	1.53	14.54	PASS
		5240	12.79	97.06	0.13	12.92	≤23.98	1.53	14.45	PASS
11AC40SISO	Ant1	5190	8.58	94.29	0.26	8.84	≤23.98	1.53	10.37	PASS
		5230	9.14	94.29	0.26	9.40	≤23.98	1.53	10.93	PASS
11AC80SISO	Ant1	5210	3.19	88.89	0.51	3.70	≤23.98	1.53	5.23	PASS

Appendix D: Maximum power spectral density
Test Result

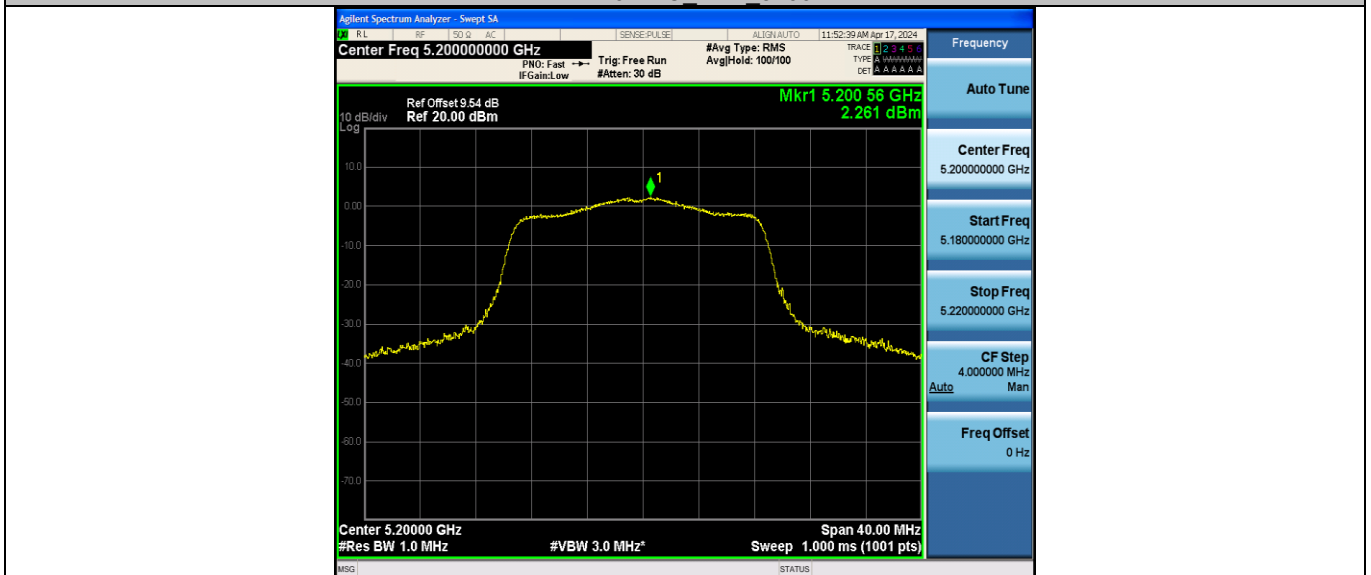
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.06	≤11.00	PASS
		5200	2.74	≤11.00	PASS
		5240	3.40	≤11.00	PASS
11N20SISO	Ant1	5180	2.01	≤11.00	PASS
		5200	2.26	≤11.00	PASS
		5240	2.86	≤11.00	PASS
11N40SISO	Ant1	5190	-2.60	≤11.00	PASS
		5230	-1.49	≤11.00	PASS
11AC20SISO	Ant1	5180	3.50	≤11.00	PASS
		5200	4.23	≤11.00	PASS
		5240	4.64	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.37	≤11.00	PASS
		5230	-0.06	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.60	≤11.00	PASS

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

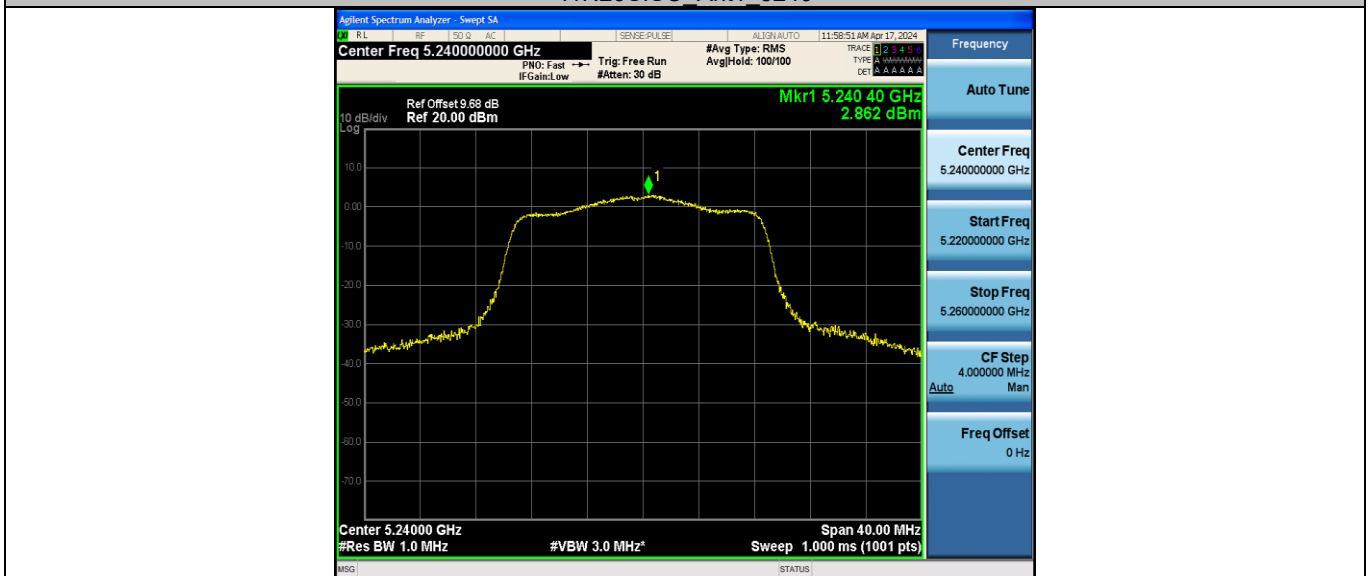
Test Graphs




11N20SISO_Ant1_5200



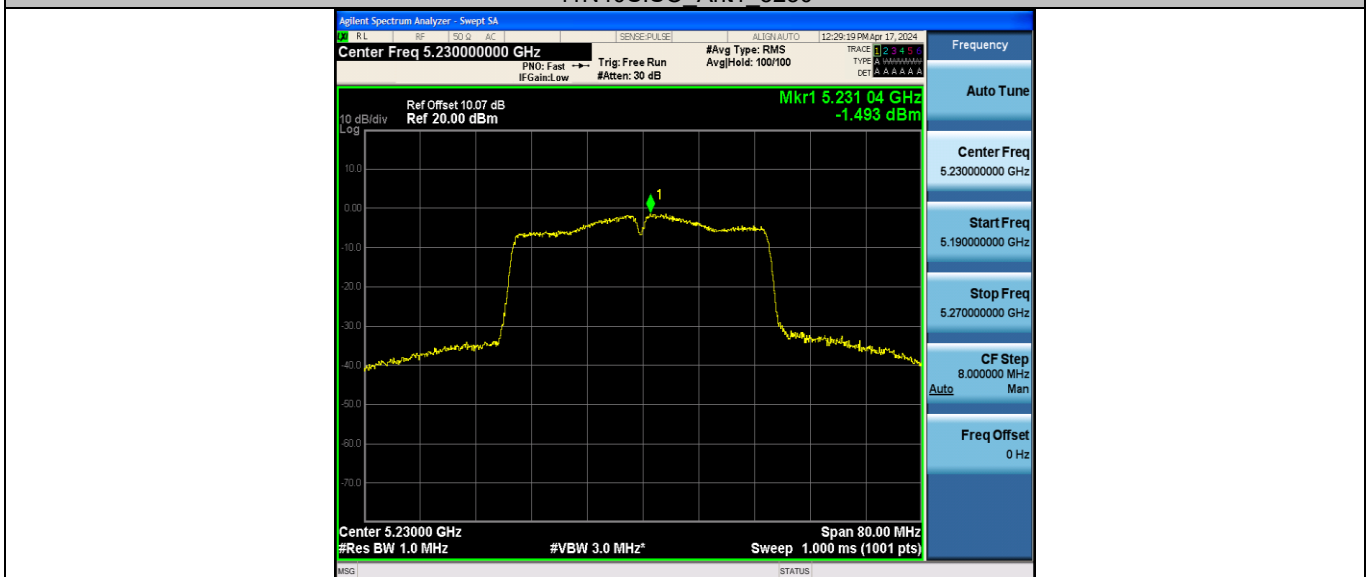
11N20SISO_Ant1_5240



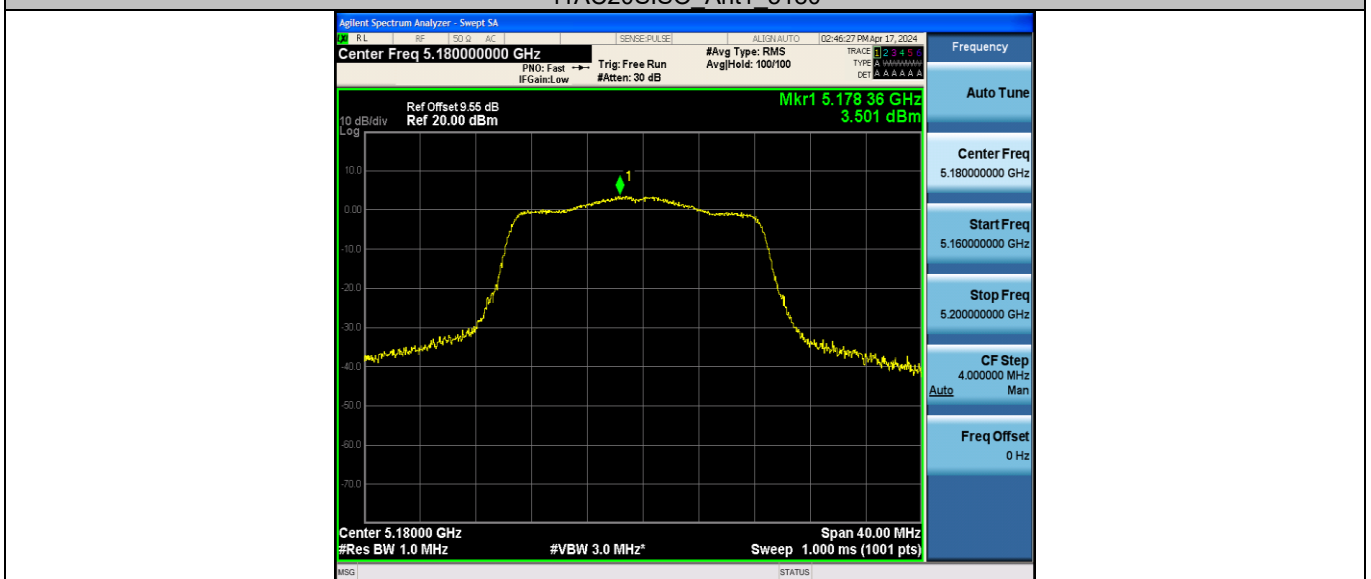
11N40SISO_Ant1_5190



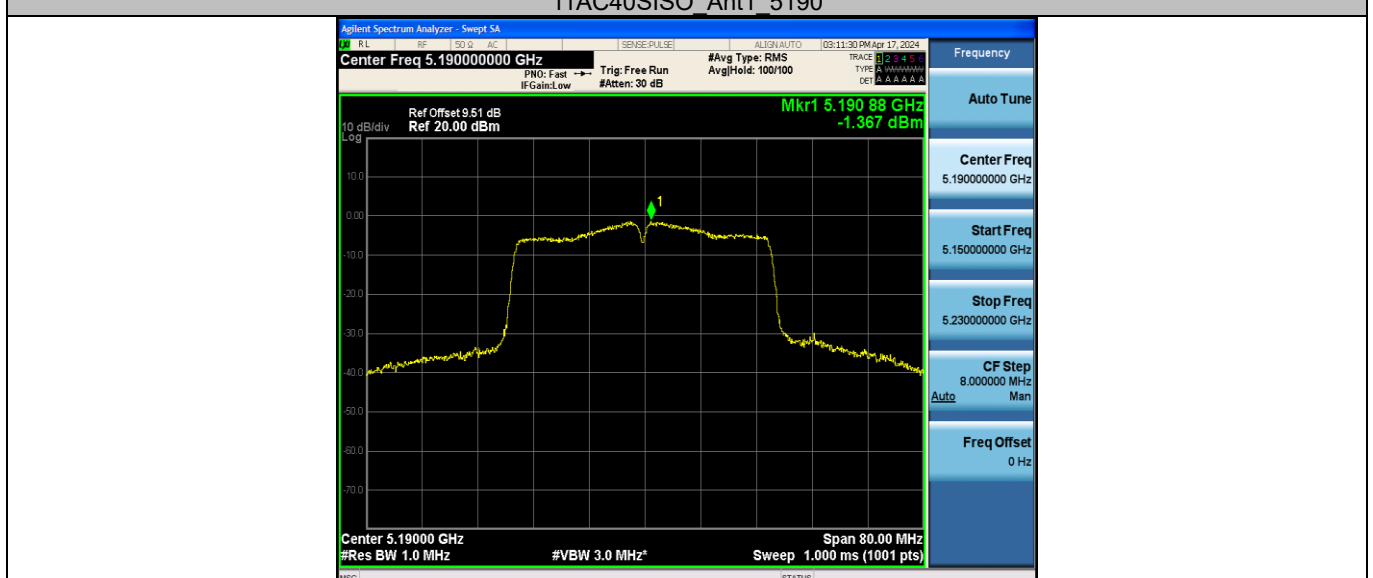
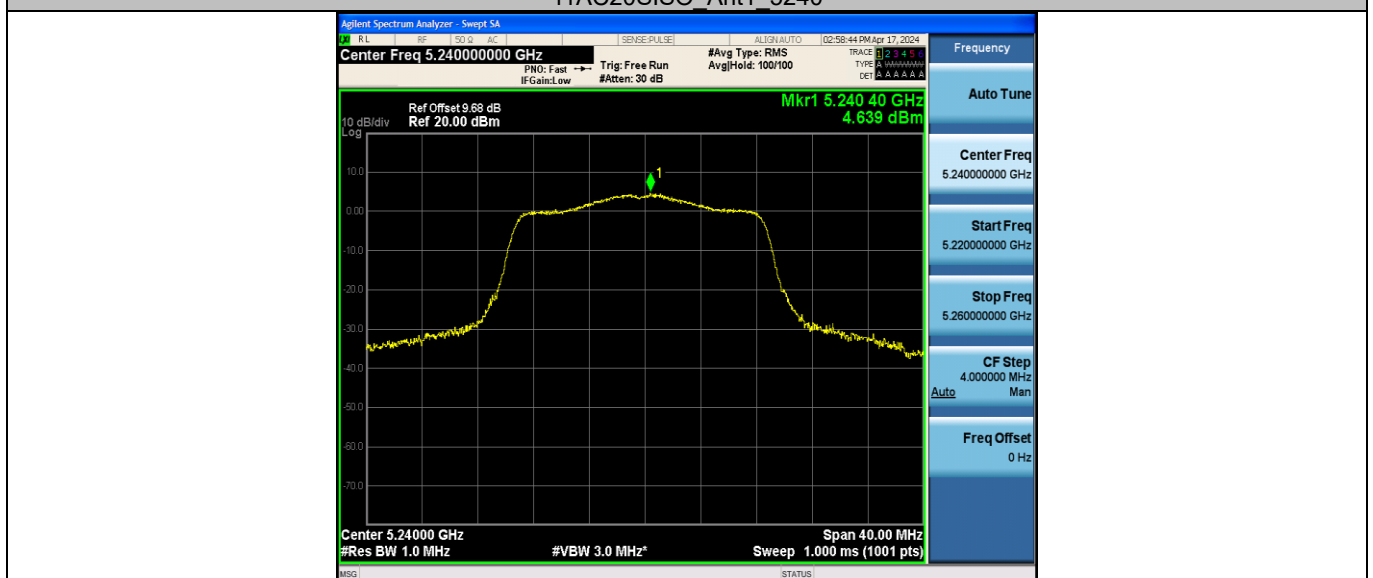
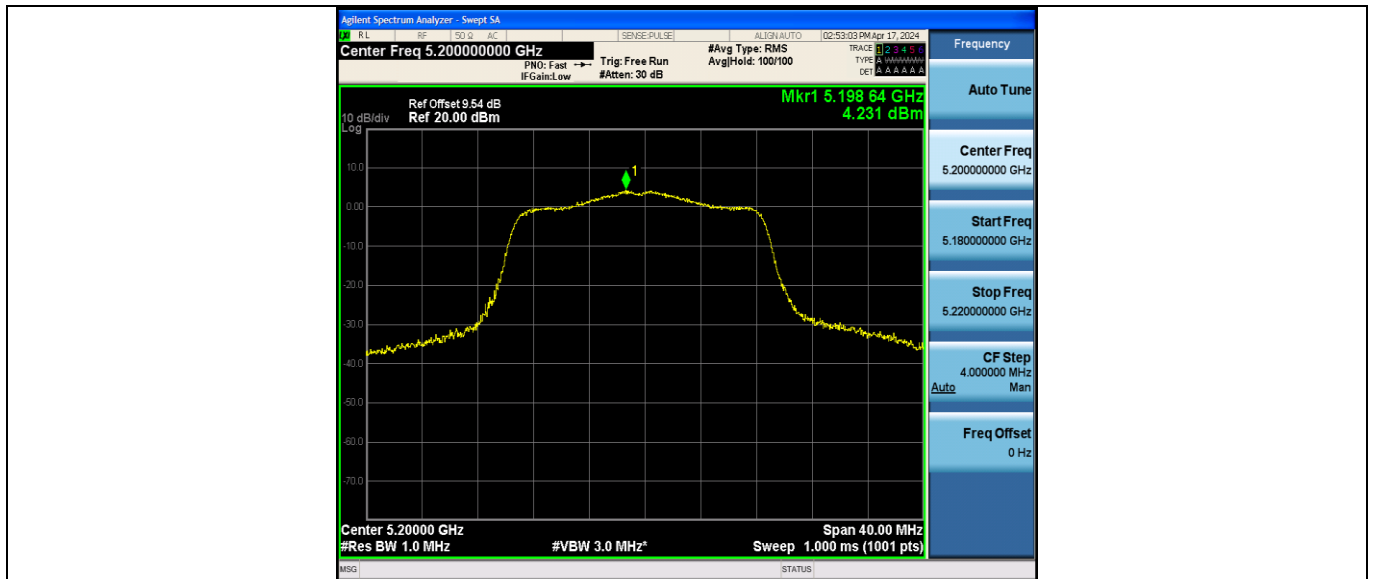
11N40SISO Ant1 5230

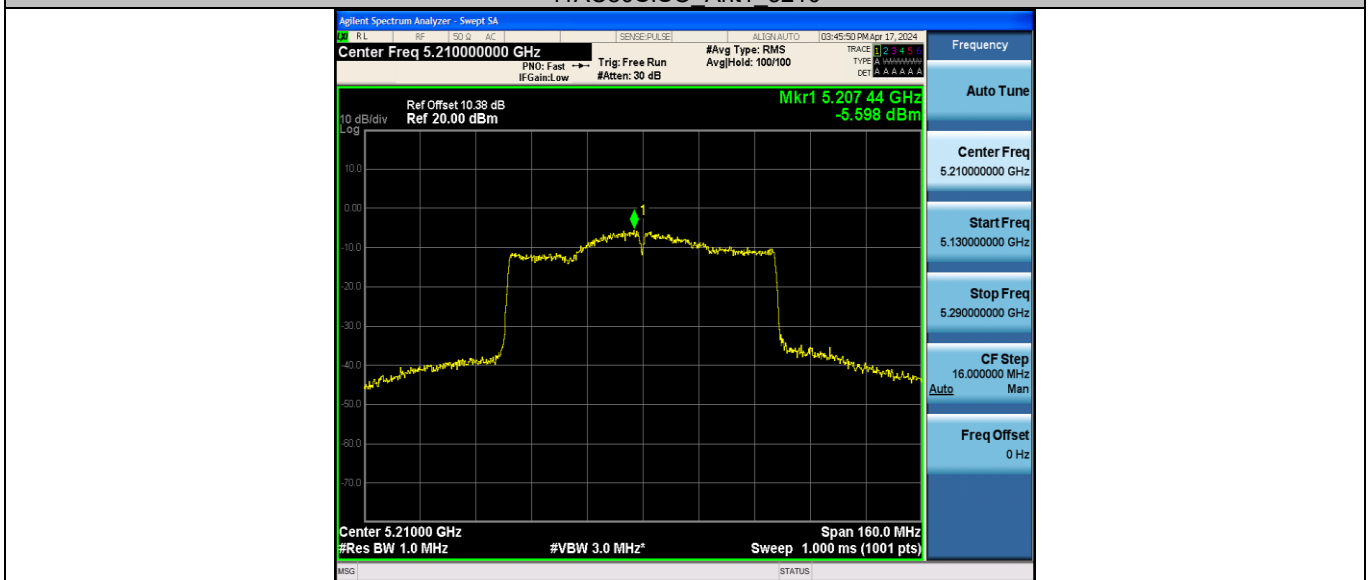


11AC20SISO Ant1 5180



11AC20SISO Ant1 5200



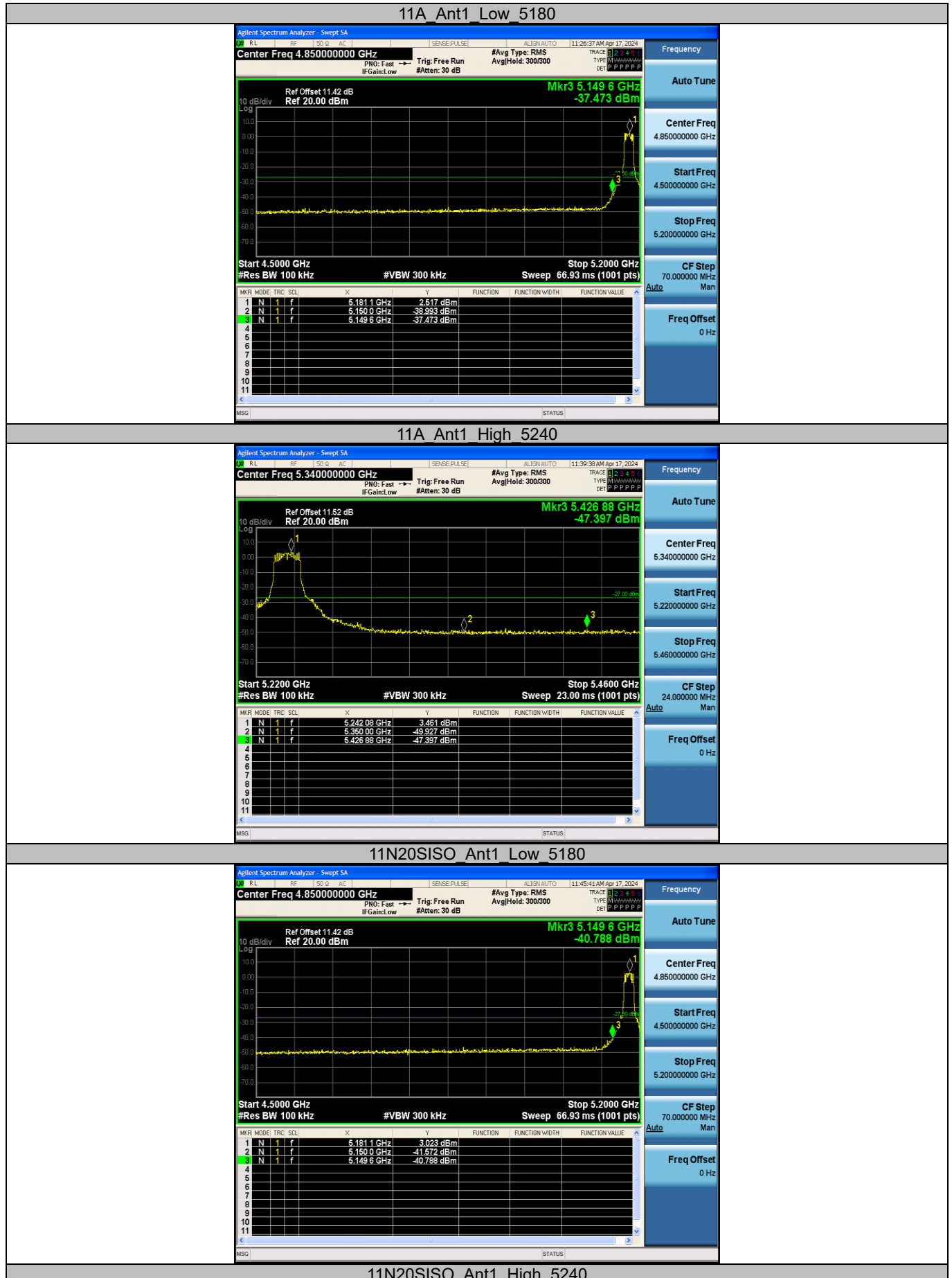


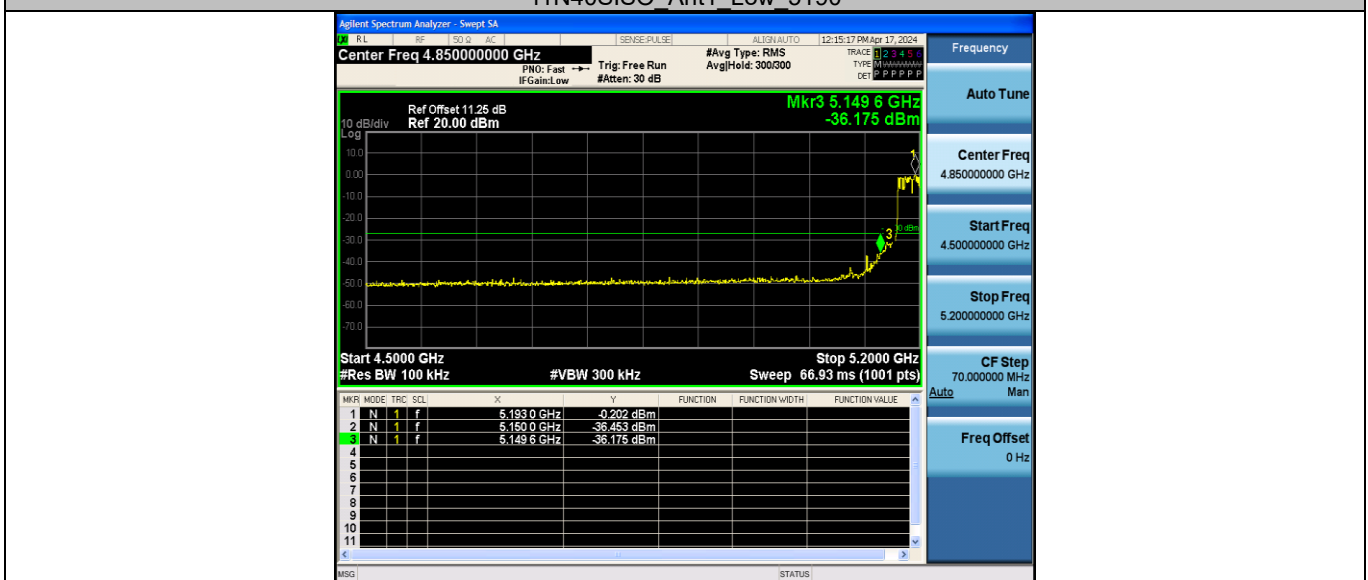
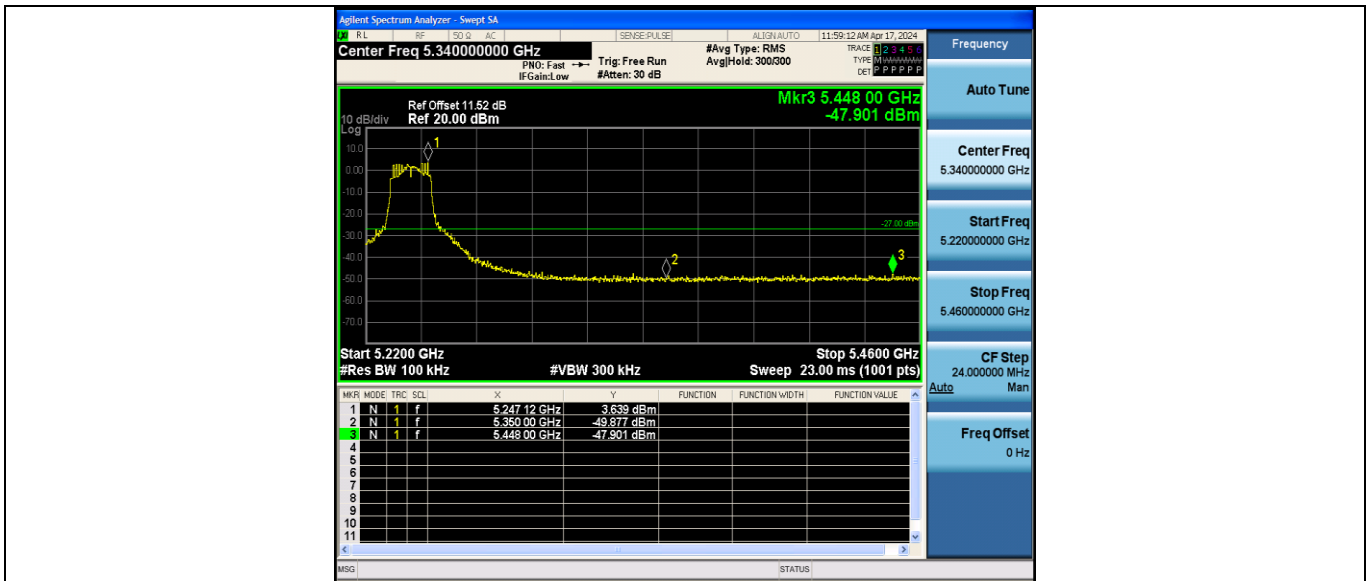
Appendix E: Band edge measurements
Test Result

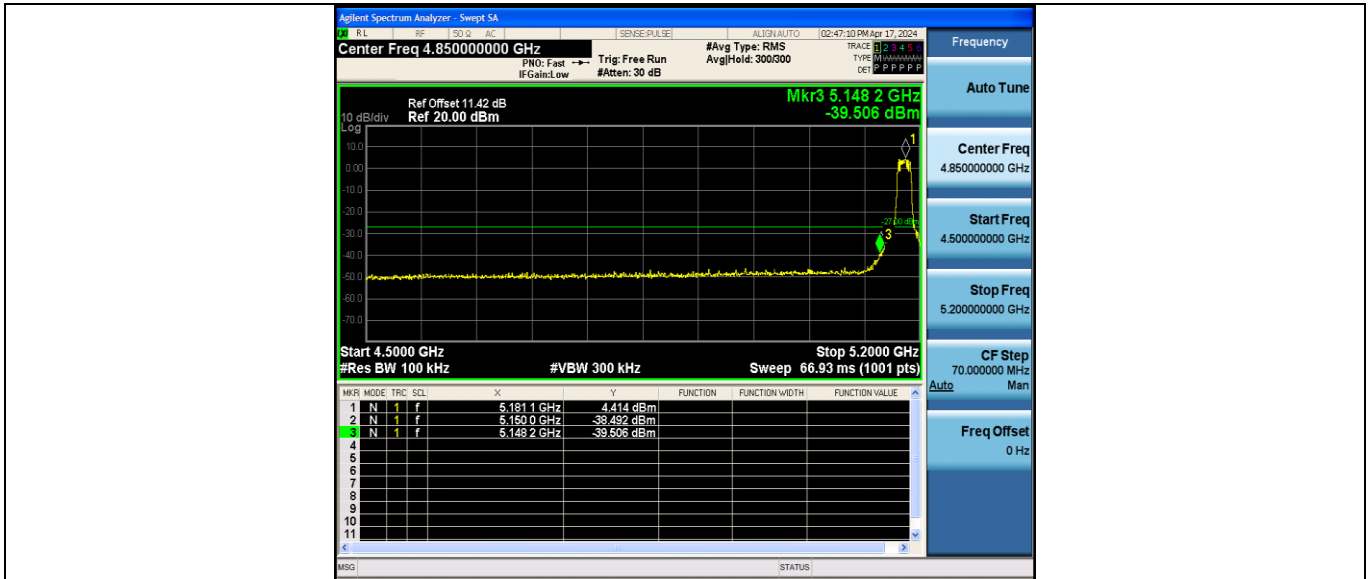
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.47	≤-27	PASS
		High	5240	-47.4	≤-27	PASS
11N20SISO	Ant1	Low	5180	-40.79	≤-27	PASS
		High	5240	-47.9	≤-27	PASS
11N40SISO	Ant1	Low	5190	-36.18	≤-27	PASS
		High	5230	-46.66	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-39.51	≤-27	PASS
		High	5240	-47.54	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-34.43	≤-27	PASS
		High	5230	-47.26	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-31.43	≤-27	PASS
		High	5210	-44.33	≤-27	PASS

Note:

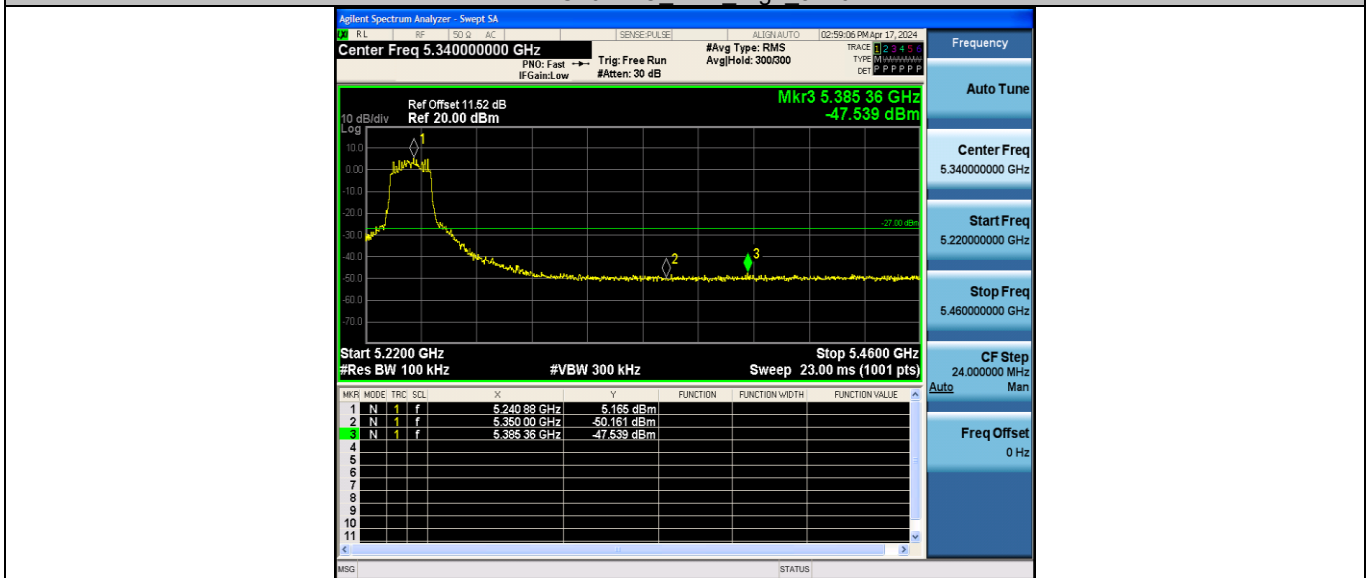
The antenna gain and cable loss is compensated in the test plot.

Test Graphs


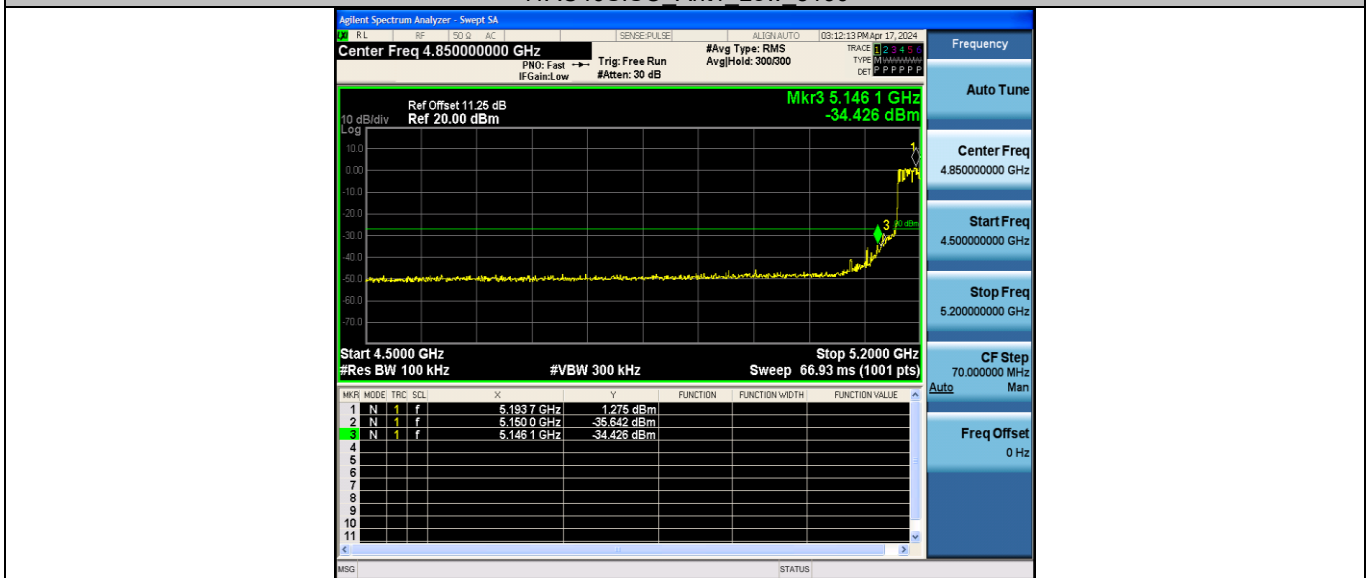




11AC20SISO Ant1 High 5240



11AC40SISO Ant1 Low 5190



11AC40SISO Ant1 High 5230



11AC80SISO Ant1 Low 5210



11AC80SISO Ant1 High 5210



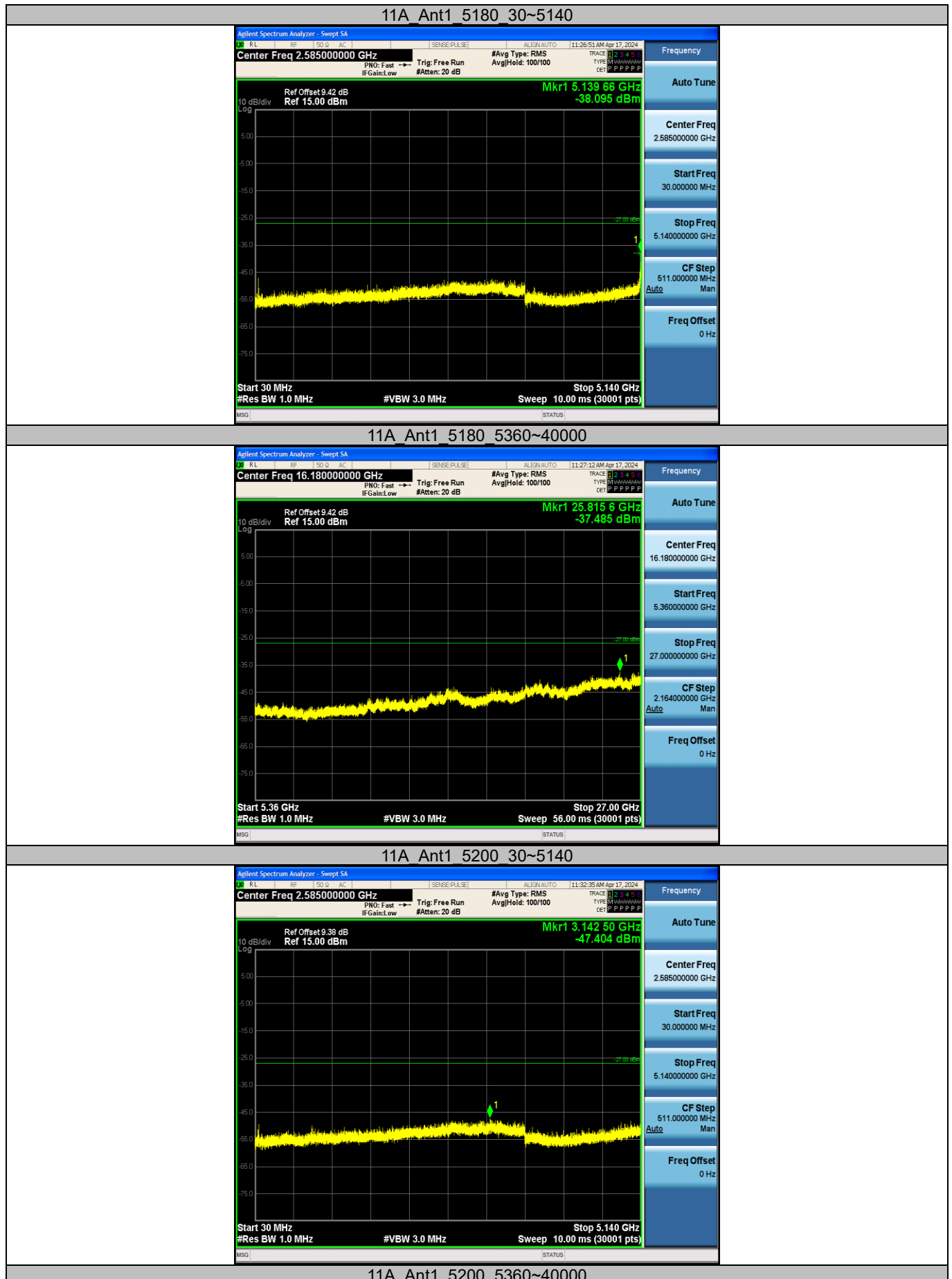
Appendix F: Conducted Spurious Emission

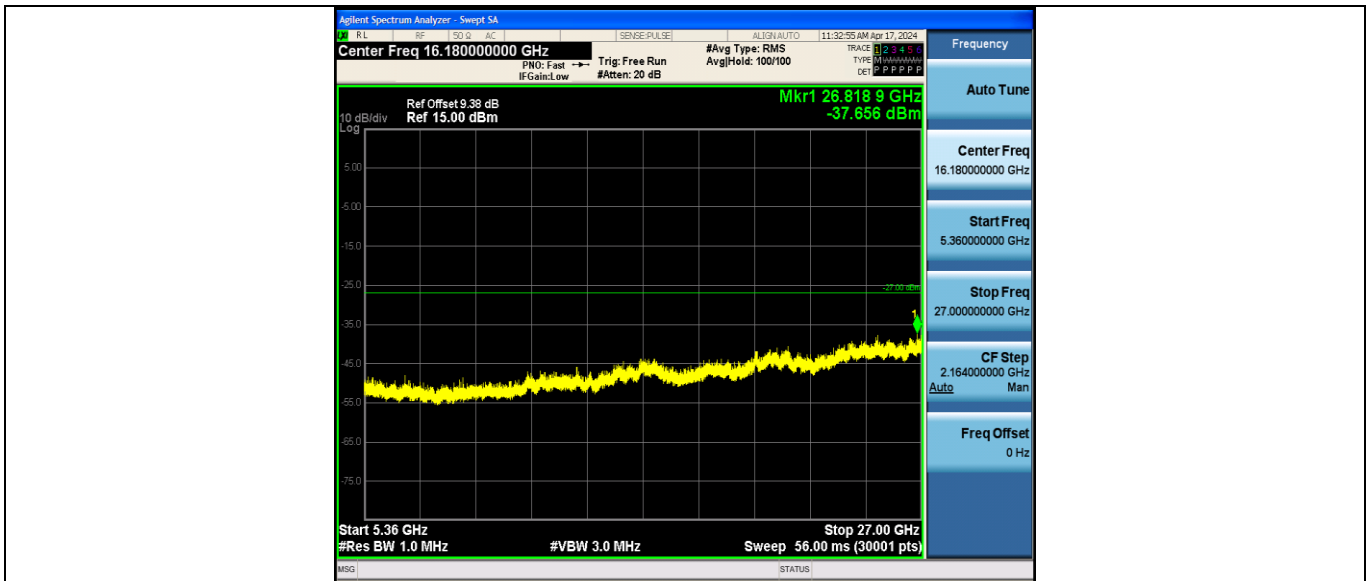
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5139.66	-38.1	≤-27	PASS
			5360~40000	25815.57	-37.49	≤-27	PASS
		5200	30~5140	3142.5	-47.4	≤-27	PASS
			5360~40000	26818.95	-37.66	≤-27	PASS
		5240	30~5140	2506.99	-47.07	≤-27	PASS
			5360~40000	25822.06	-37.81	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5139.83	-36.1	≤-27	PASS
			5360~40000	26585.23	-37.84	≤-27	PASS
		5200	30~5140	5139.32	-46.27	≤-27	PASS
			5360~40000	26929.31	-37.99	≤-27	PASS
		5240	30~5140	892.23	-43.91	≤-27	PASS
			5360~40000	26901.18	-37.63	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5138.64	-33.78	≤-27	PASS
			5360~40000	26988.46	-38.42	≤-27	PASS
		5230	30~5140	5136.08	-43.47	≤-27	PASS
			5360~40000	26585.95	-37.19	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5138.81	-39.16	≤-27	PASS
			5360~40000	25713.86	-37.4	≤-27	PASS
		5200	30~5140	5140	-46.01	≤-27	PASS
			5360~40000	26604.71	-38.31	≤-27	PASS
		5240	30~5140	2753.12	-46.48	≤-27	PASS
			5360~40000	26857.9	-38.31	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5140	-33.99	≤-27	PASS
			5360~40000	26772.78	-38.67	≤-27	PASS
		5230	30~5140	5139.32	-41.39	≤-27	PASS
			5360~40000	25239.23	-37.58	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5124.5	-28.76	≤-27	PASS
			5360~40000	25704.49	-37	≤-27	PASS

Note:

The antenna gain and cable loss is compensated in the test plot.

Test Graphs




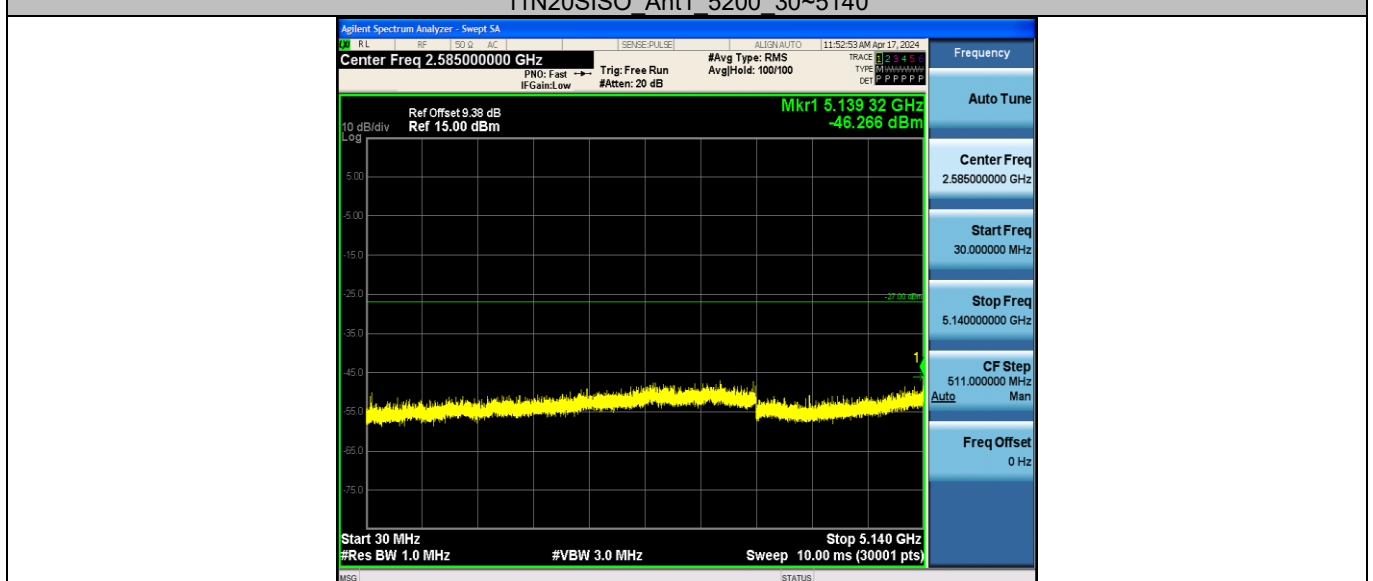
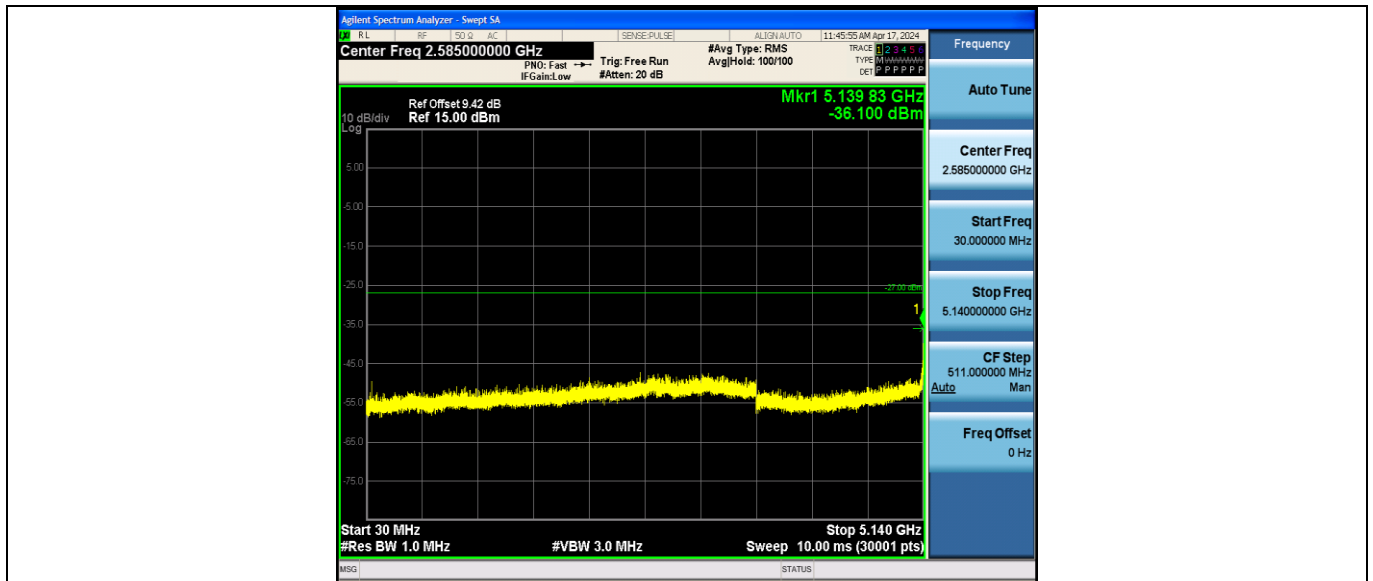
11A_Ant1_5240_30~5140

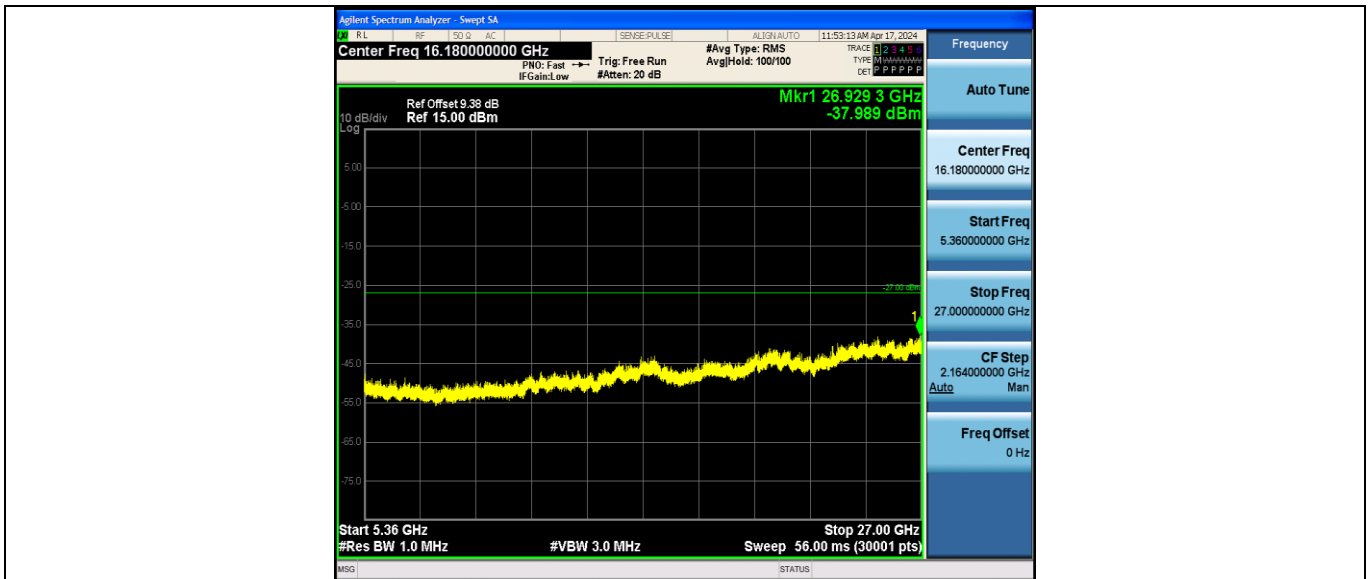


11A_Ant1_5240_5360~40000

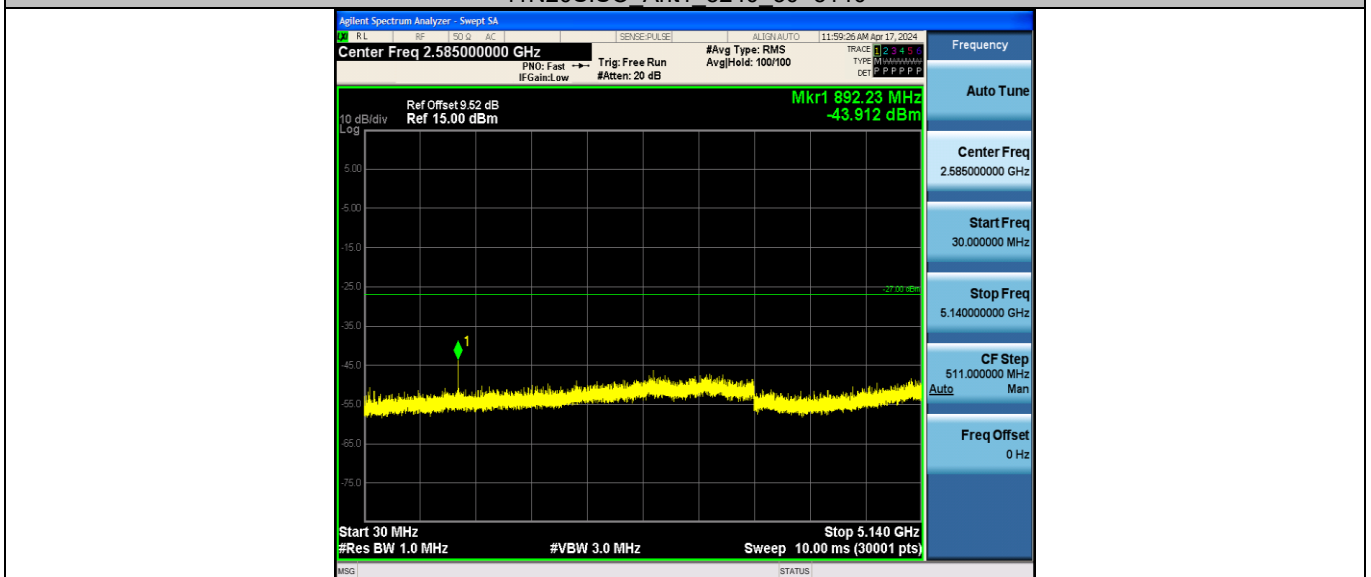


11N20SISO_Ant1_5180_30~5140





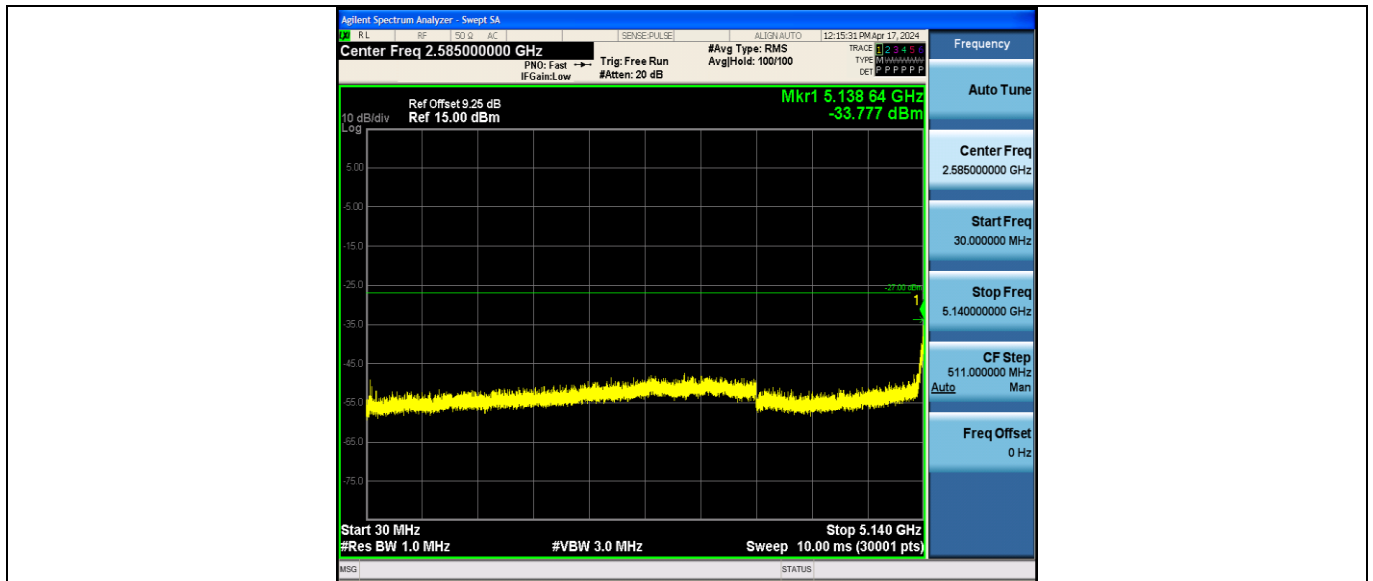
11N20SISO Ant1 5240_30~5140



11N20SISO Ant1 5240_5360~40000



11N40SISO Ant1 5190_30~5140



11N40SISO Ant1 5190 5360-40000



11N40SISO Ant1 5230 30~5140



11N40SISO Ant1 5230 5360-40000



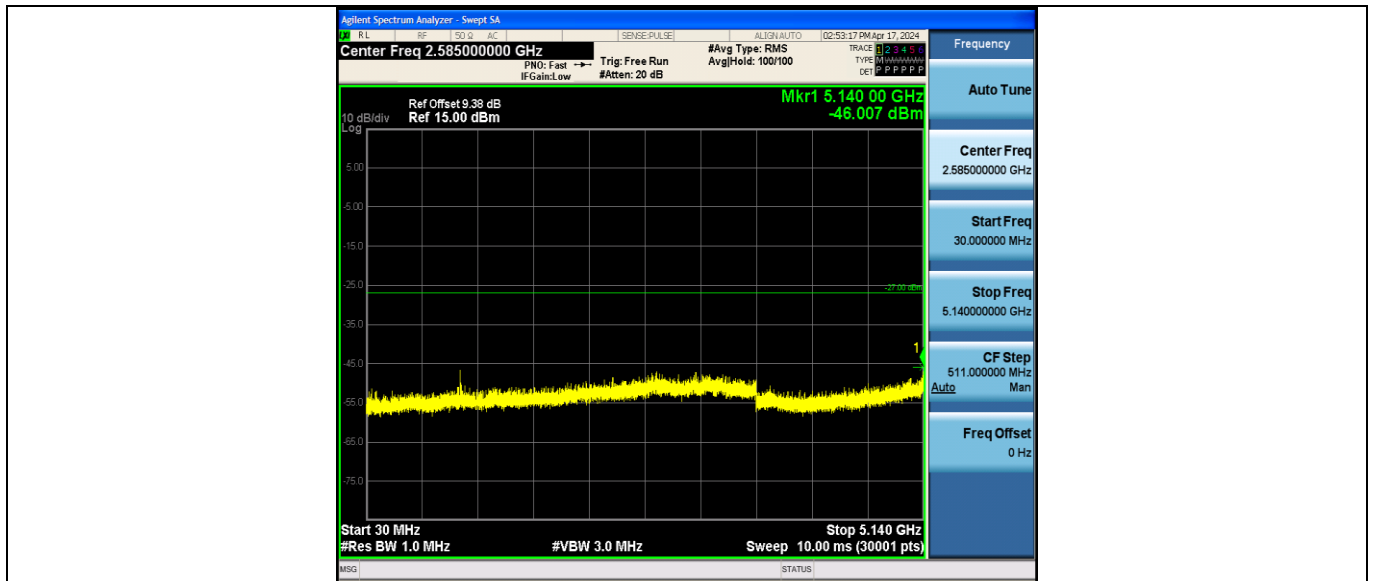
11AC20SISO Ant1 5180 30~5140



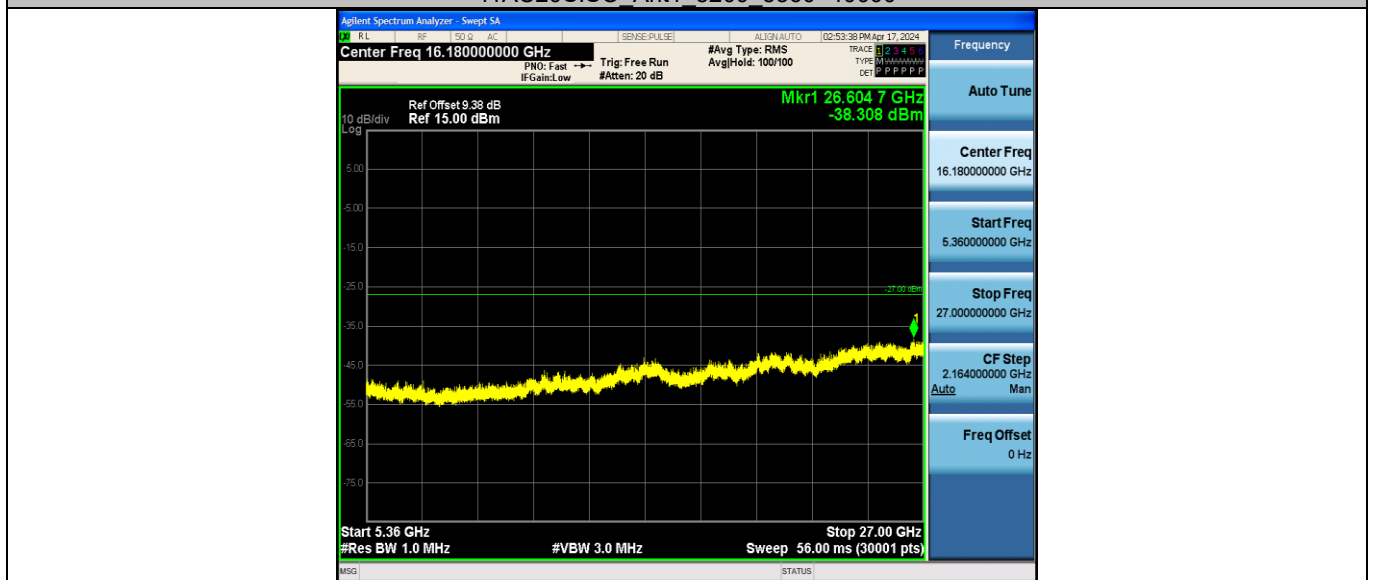
11AC20SISO Ant1 5180 30~5140



11AC20SISO Ant1 5200 30~5140



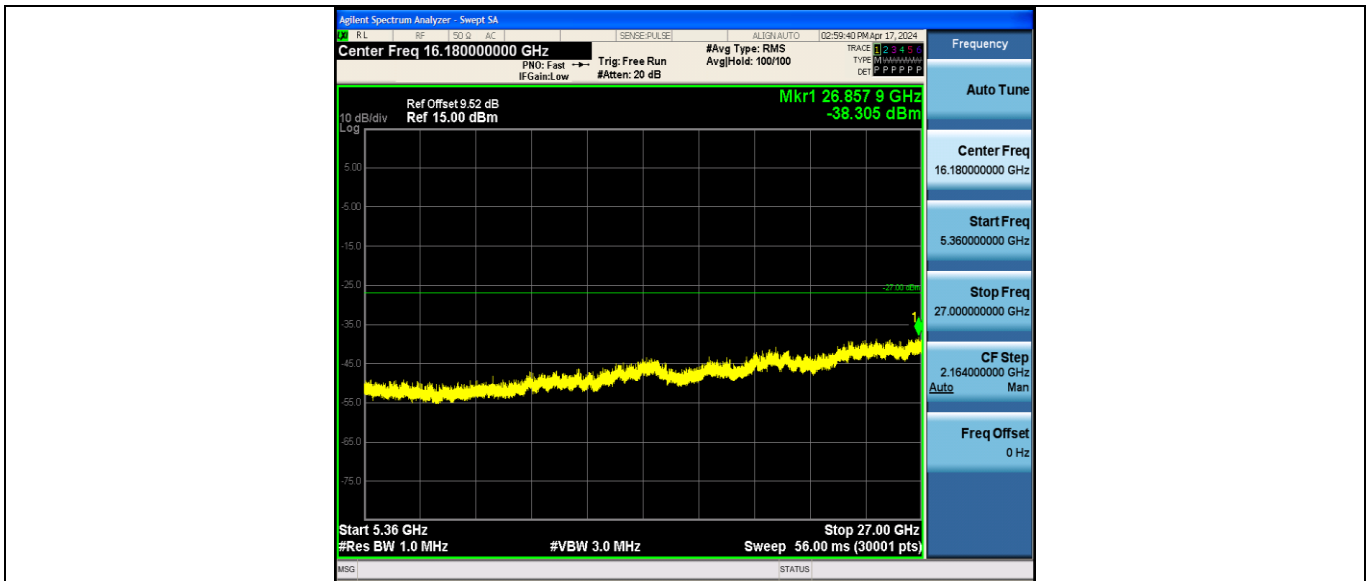
11AC20SISO_Ant1_5200_5360~40000



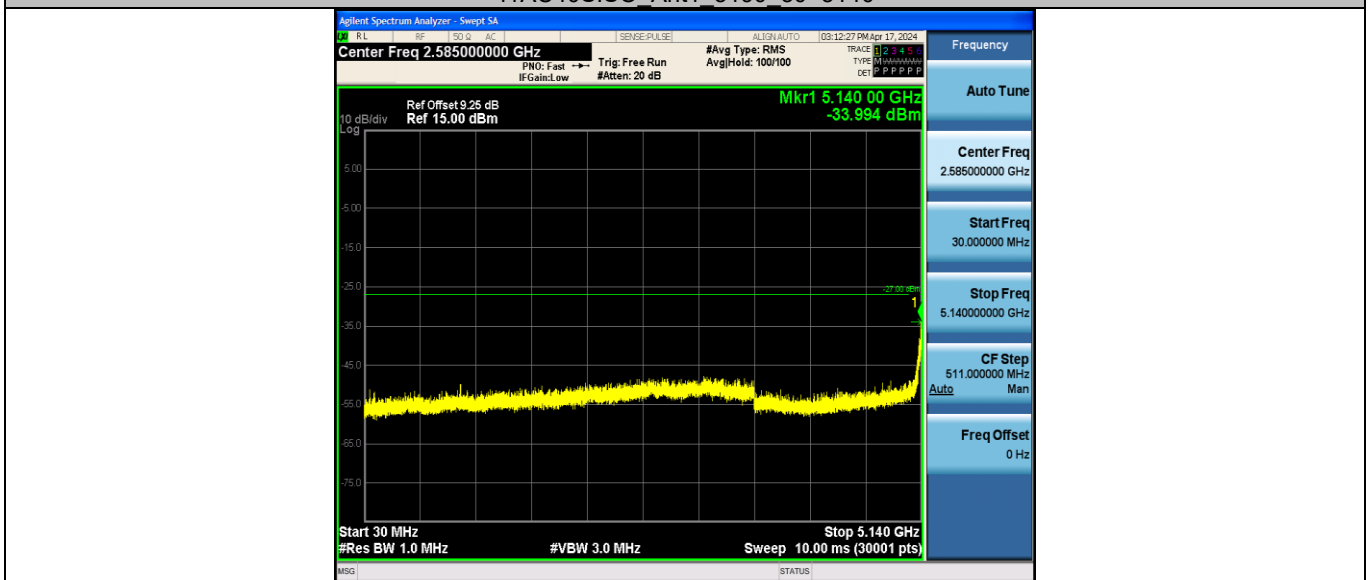
11AC20SISO_Ant1_5240_30~5140



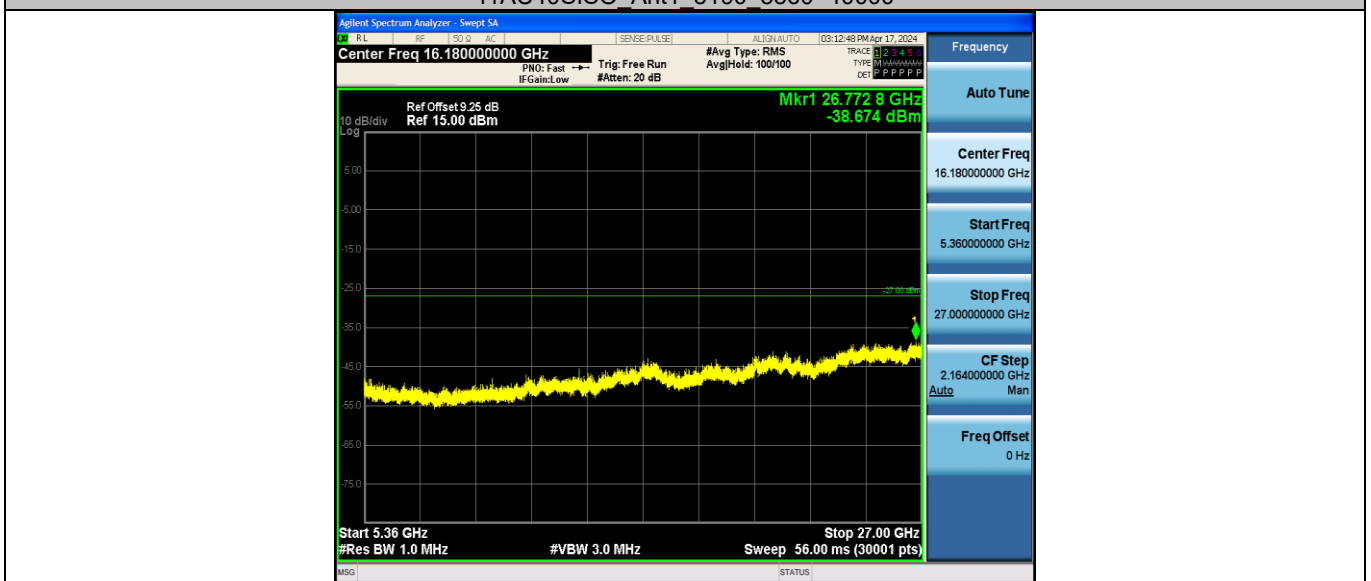
11AC20SISO_Ant1_5240_5360~40000



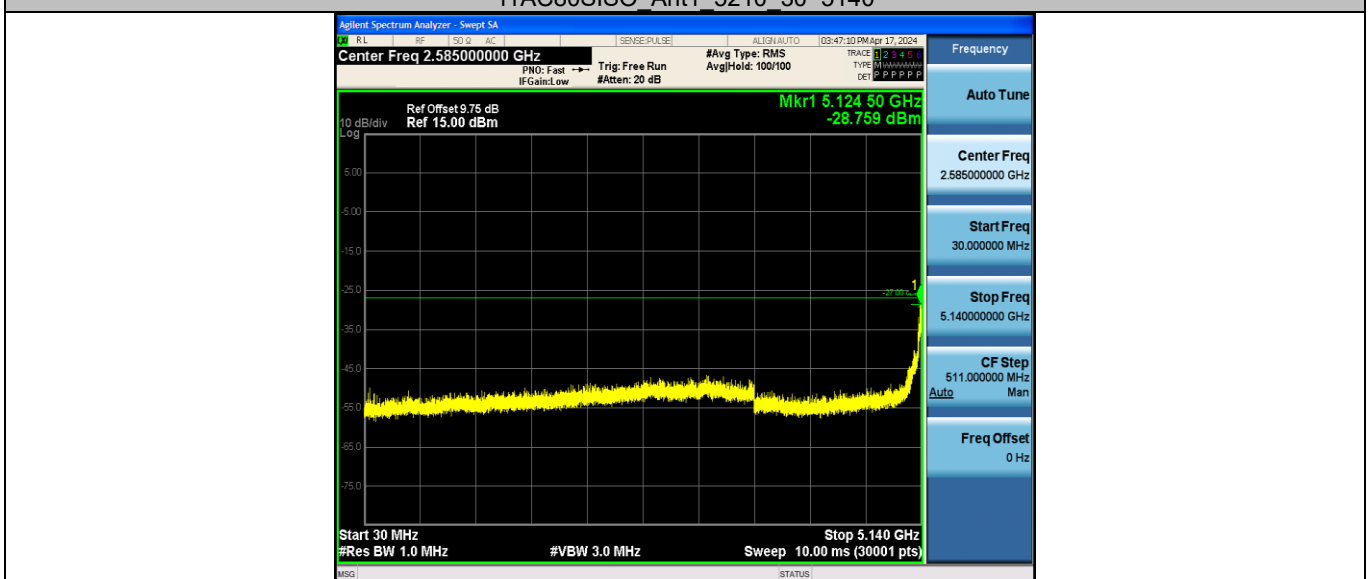
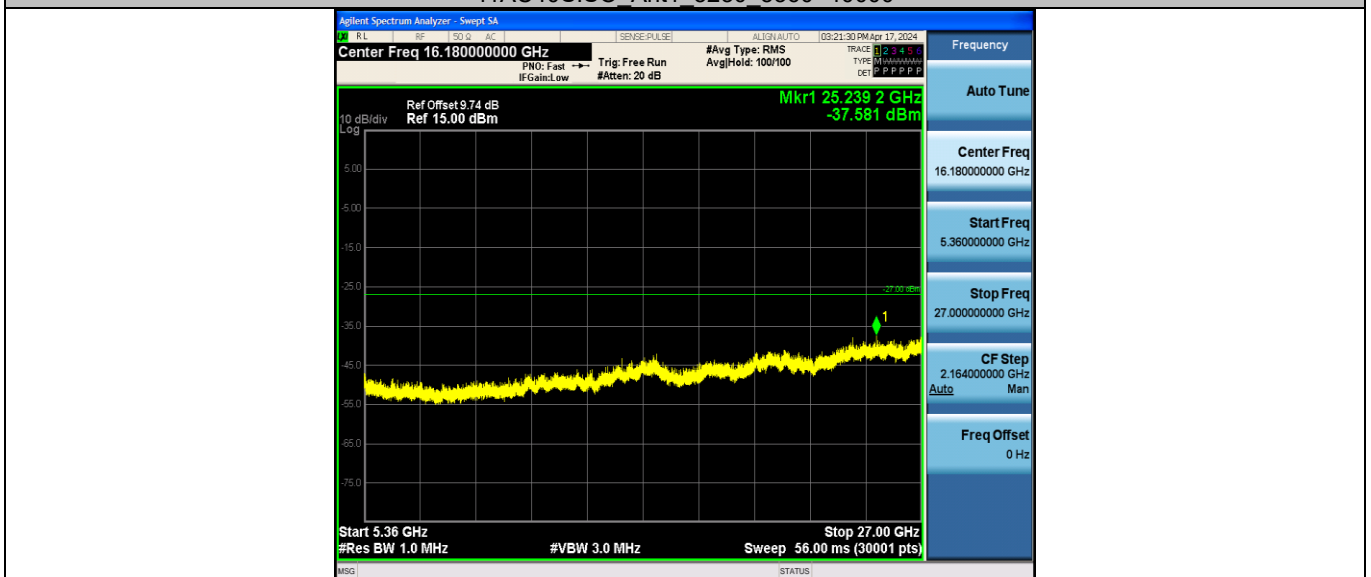
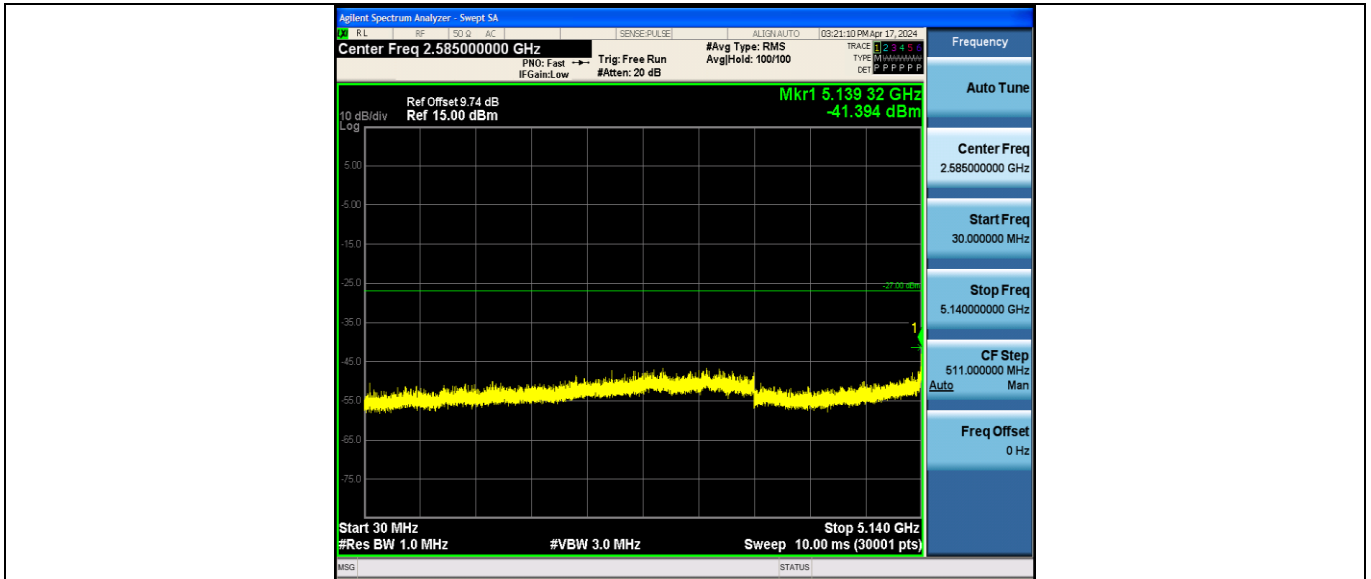
11AC40SISO Ant1 5190 30~5140

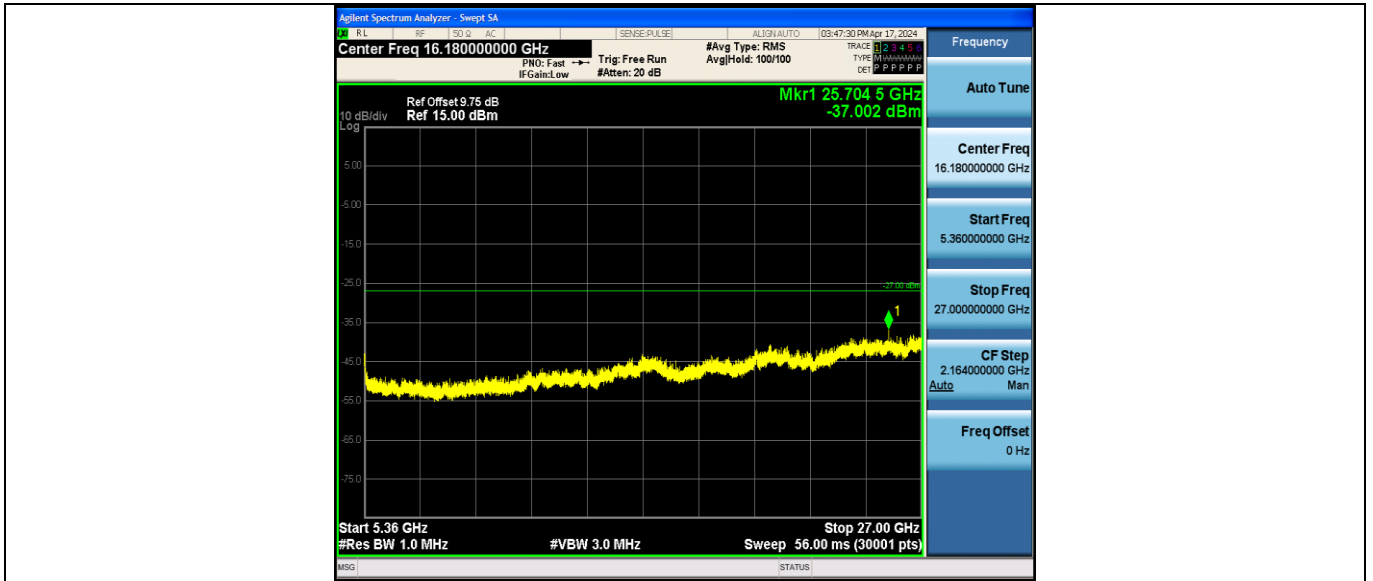


11AC40SISO Ant1 5190 5360~40000



11AC40SISO Ant1 5230 30~5140





----End of Report----