Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Powert [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

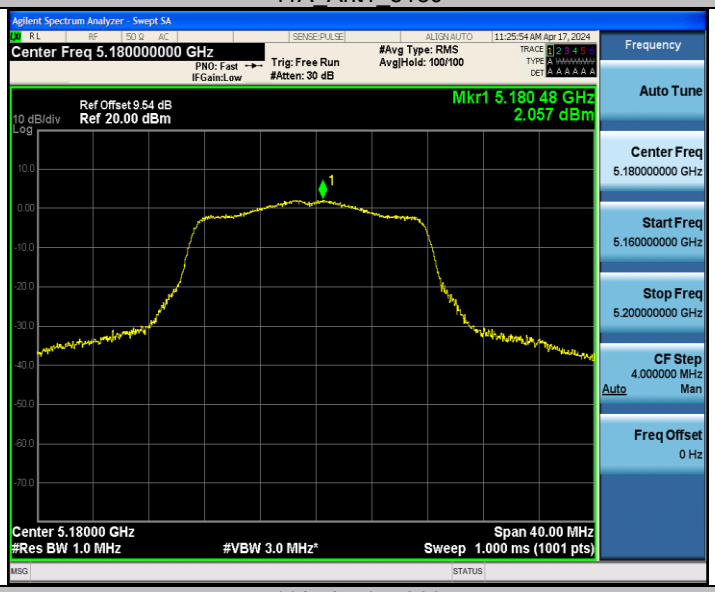
Test Result

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

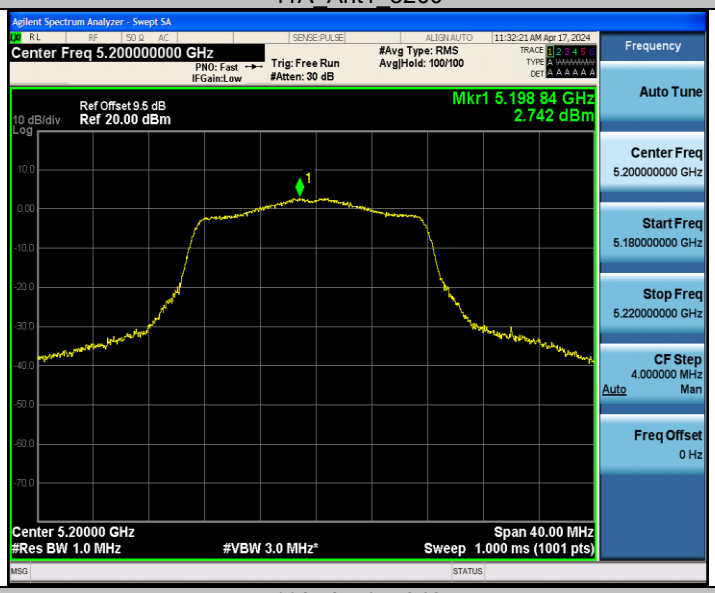
Note:The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

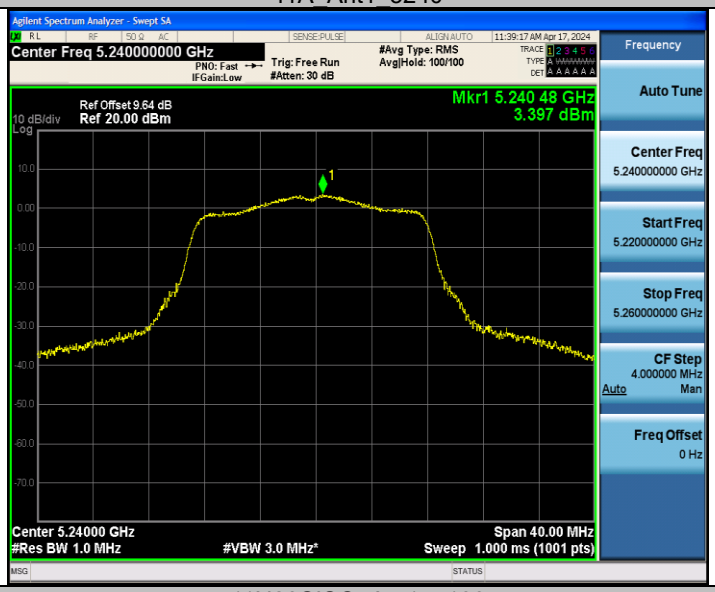
11A_Ant1_5180



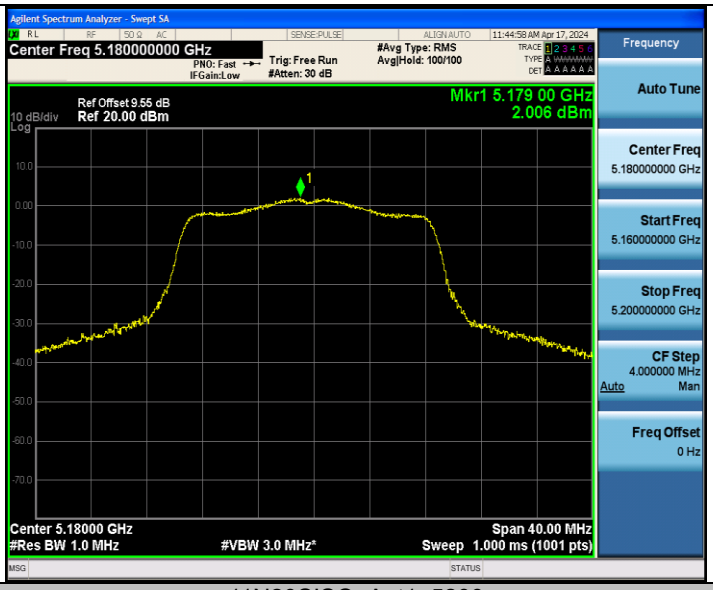
11A_Ant1_5200



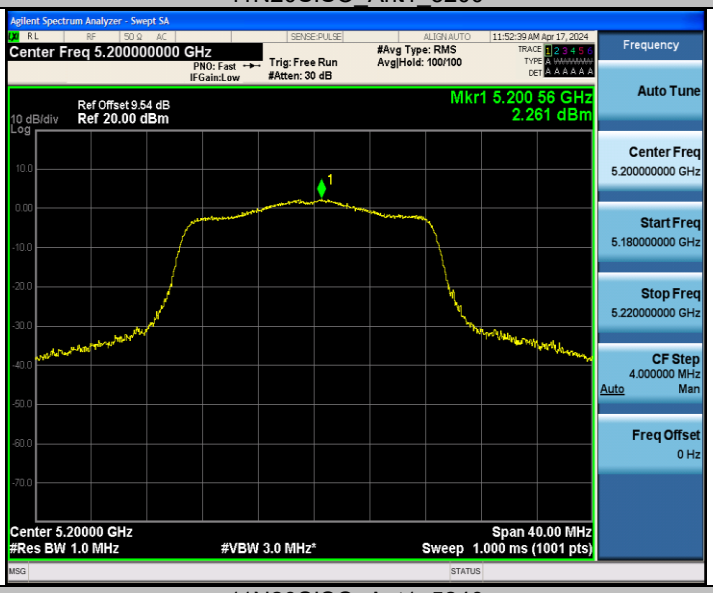
11A_Ant1_5240



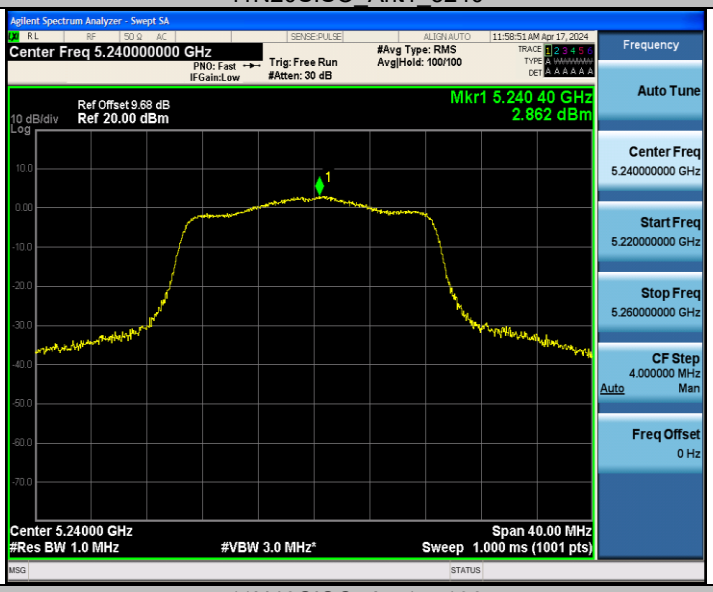
11N20SISO_Ant1_5180



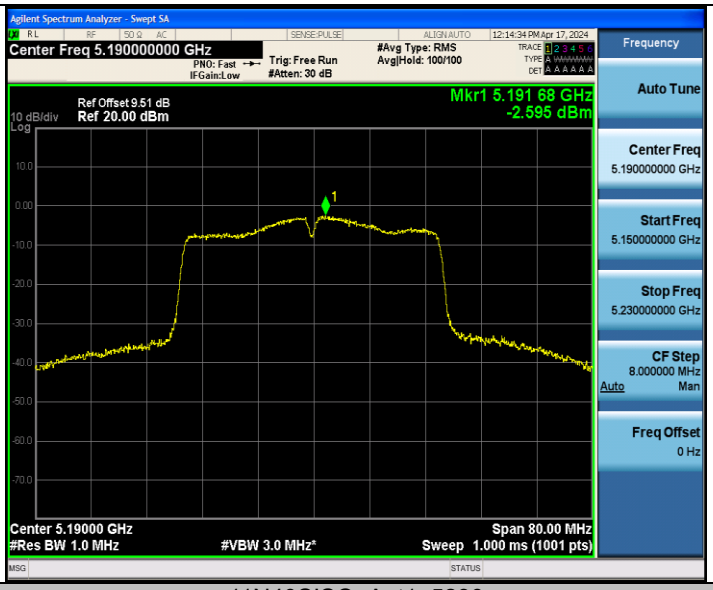
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240

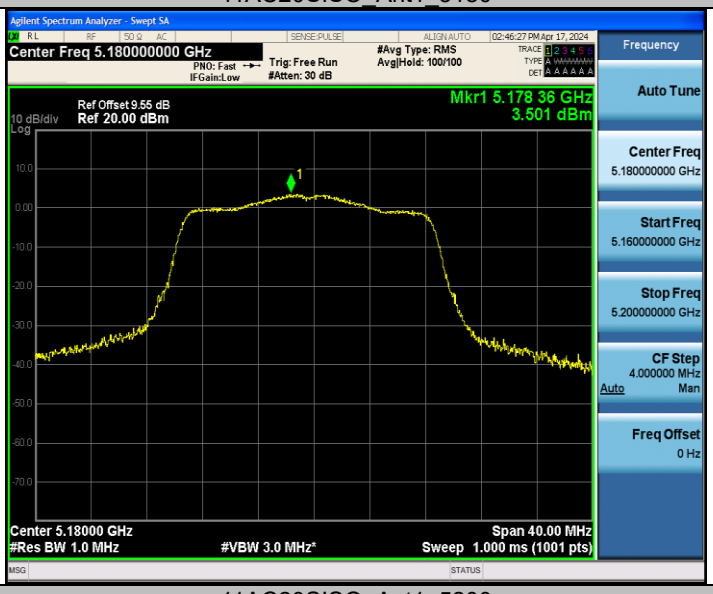


11N40SISO_Ant1_5190

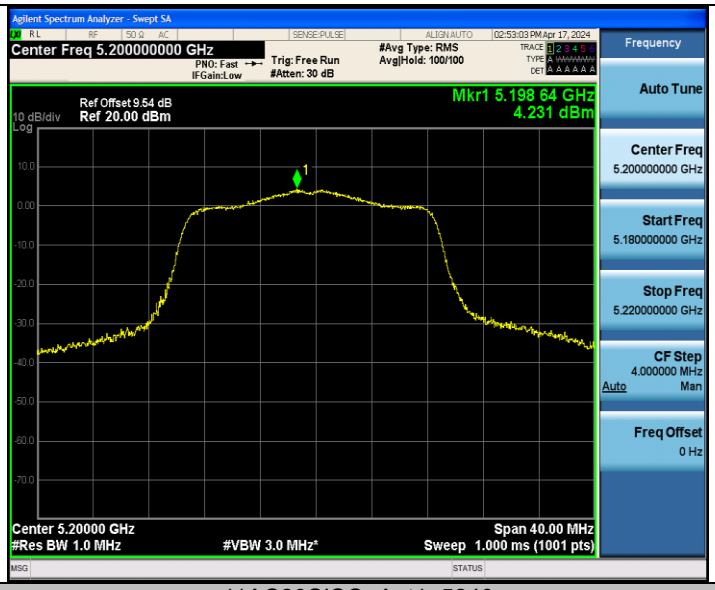


11N40SISO_Ant1_5230

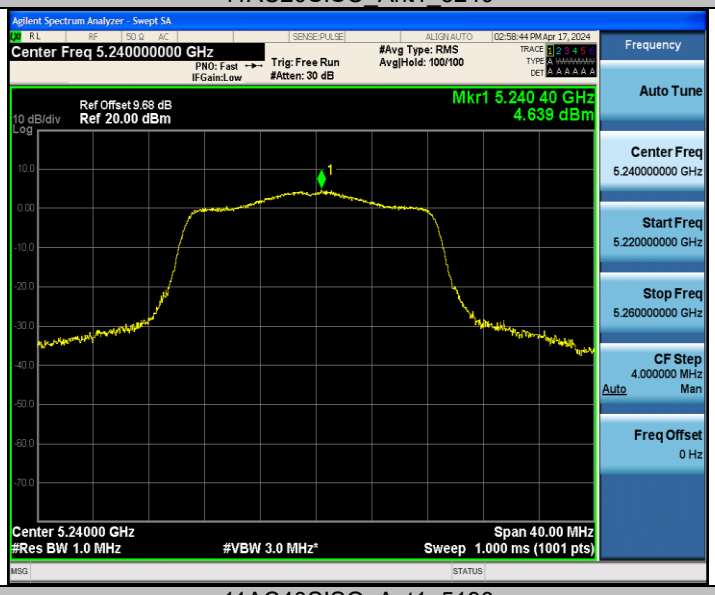
11AC20SISO_Ant1_5180



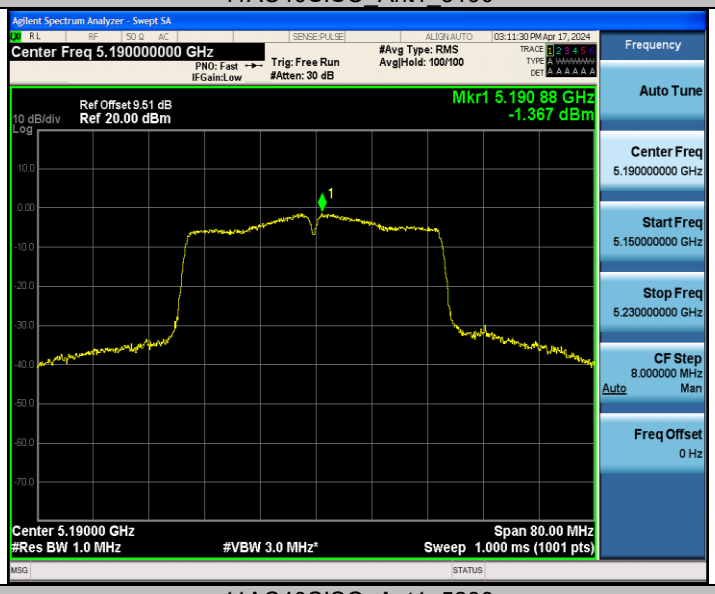
11AC20SISO_Ant1_5200



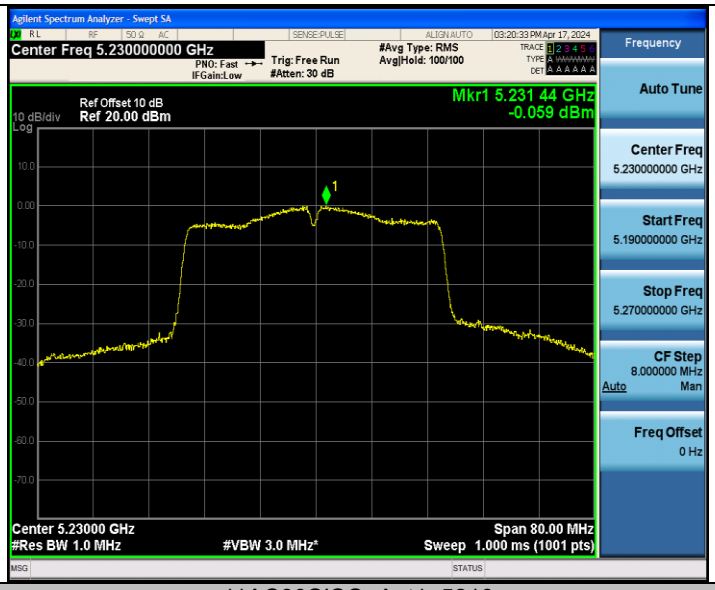
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

Appendix E: Band edge measurements

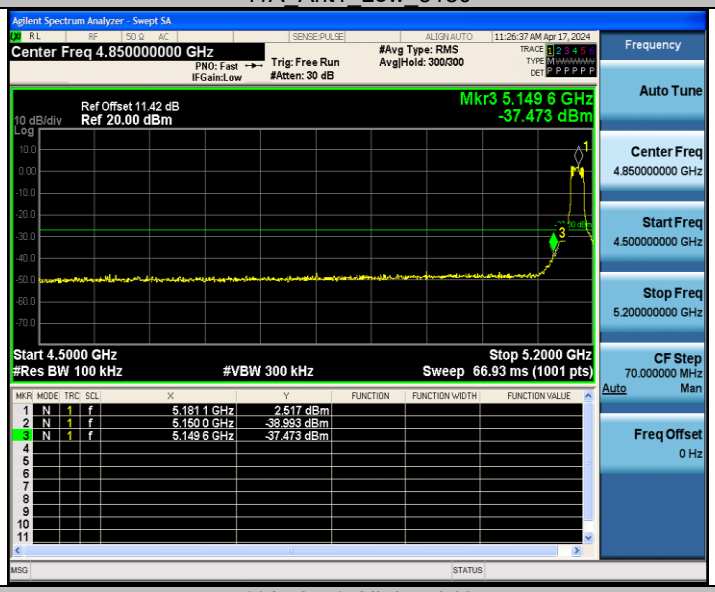
Test Result

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.

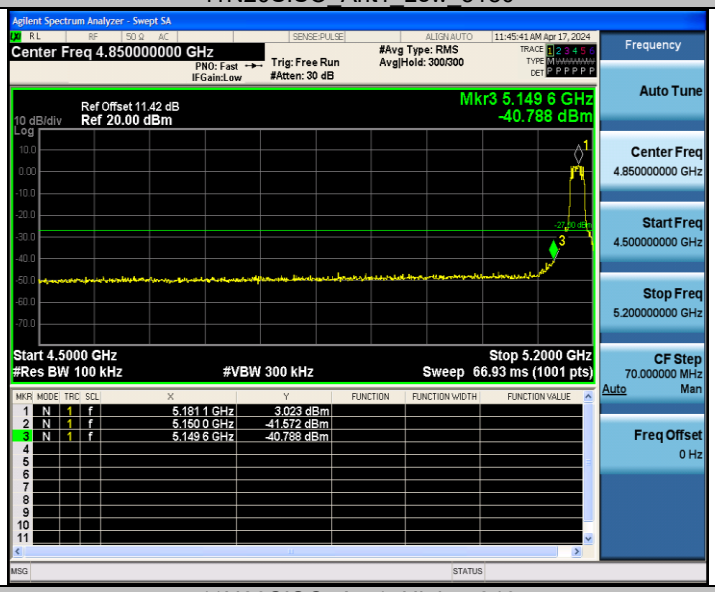
Test Graphs

11A_Ant1_Low_5180

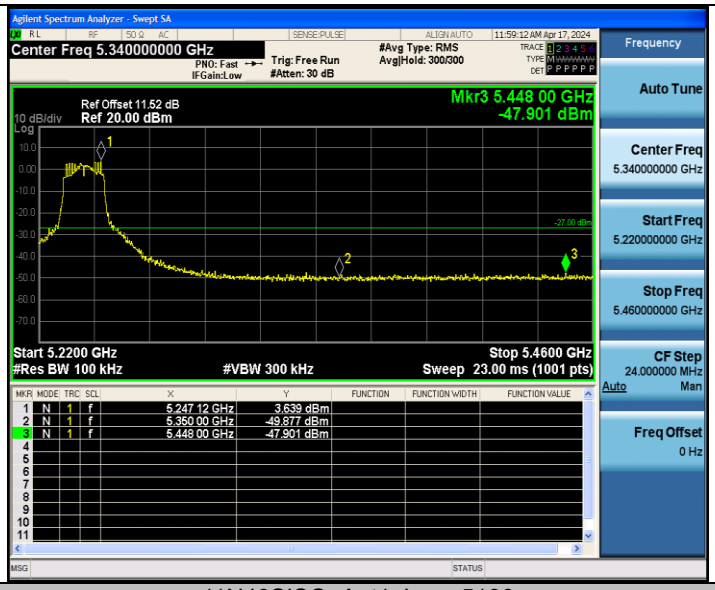


11A_Ant1_High_5240

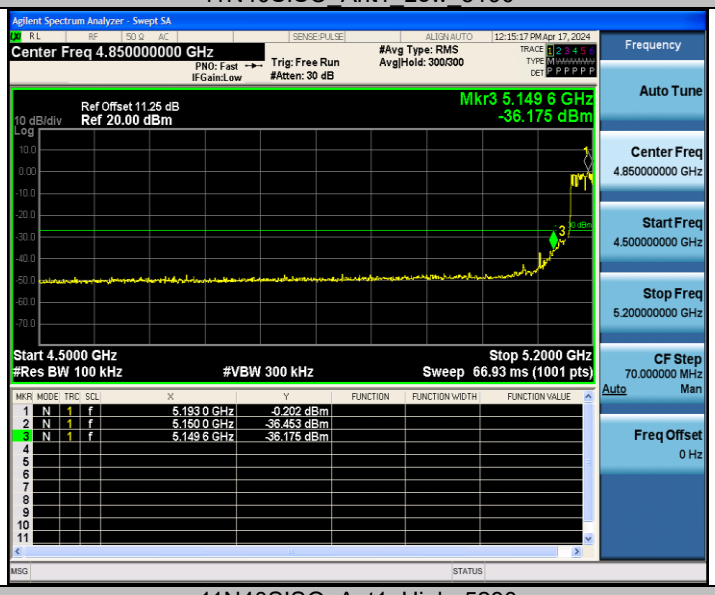
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240

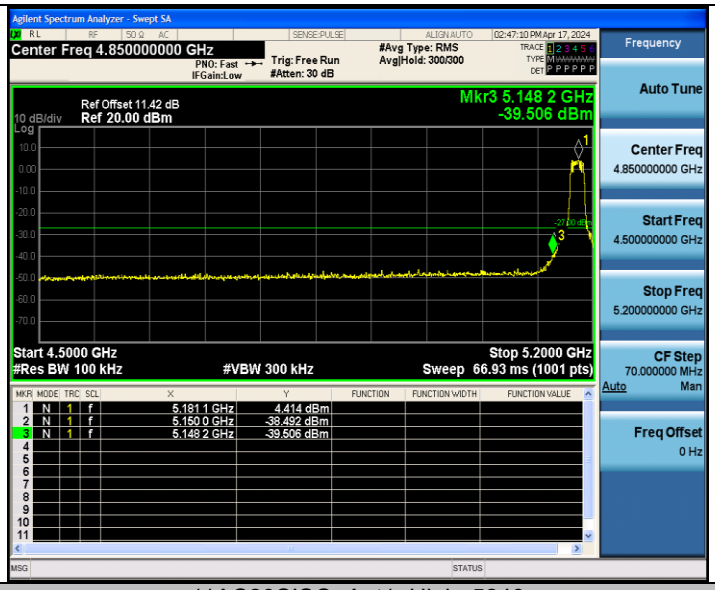


11N40SISO_Ant1_Low_5190

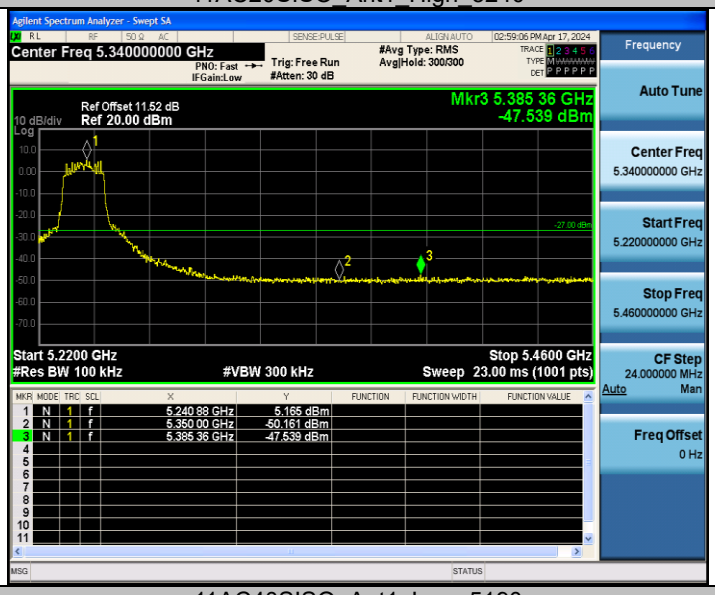


11N40SISO_Ant1_High_5230

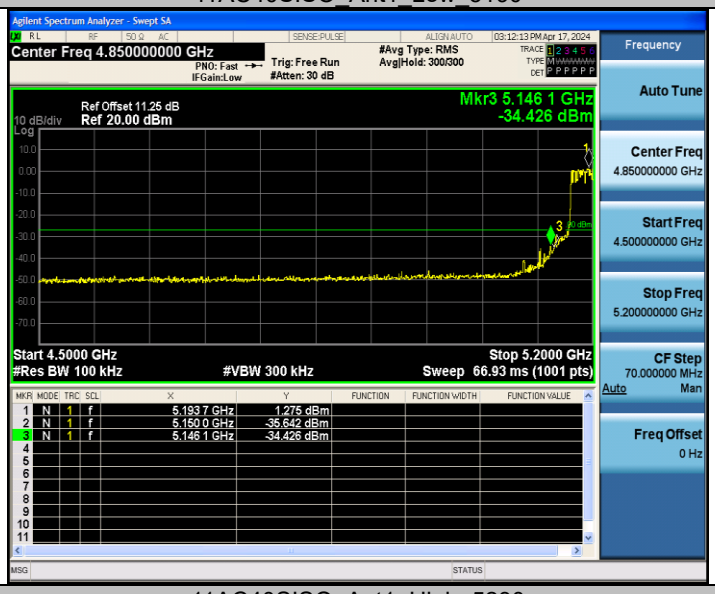
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240

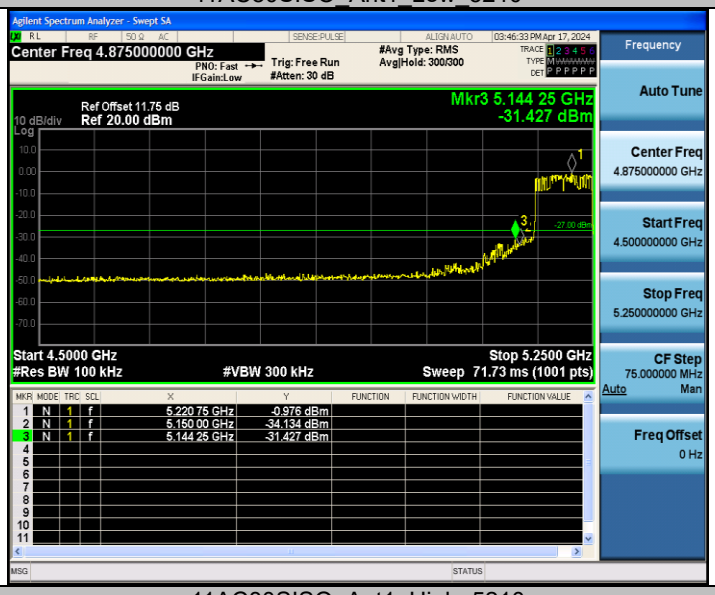


11AC40SISO_Ant1_Low_5190

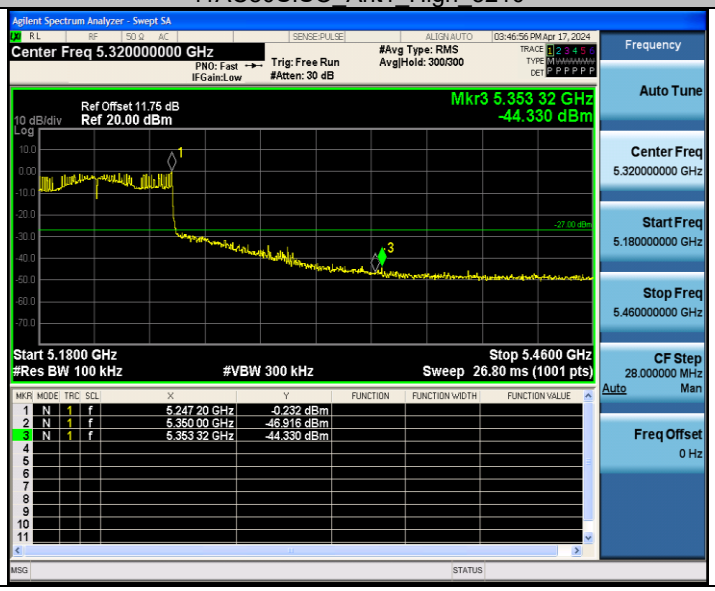


11AC40SISO_Ant1_High_5230

11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Appendix F: Conducted Spurious Emission

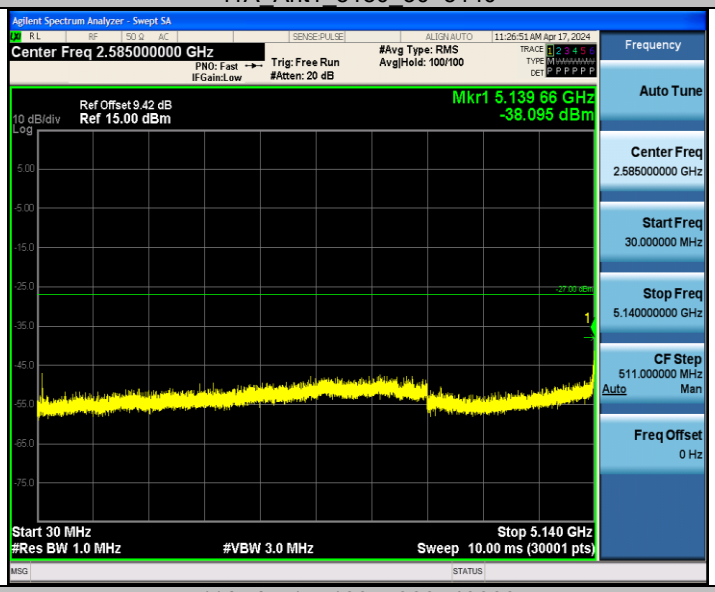
Test Result

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

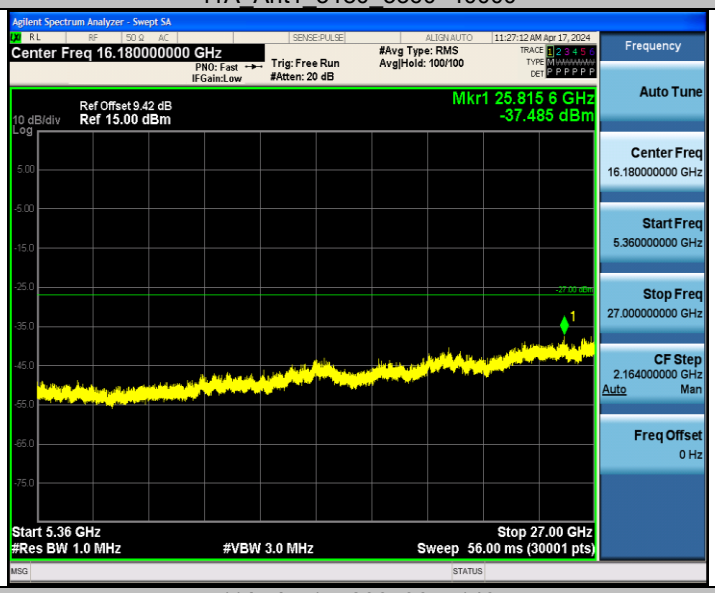
Note:
The antenna gain and cable loss is compensated in the test plot.

Test Graphs

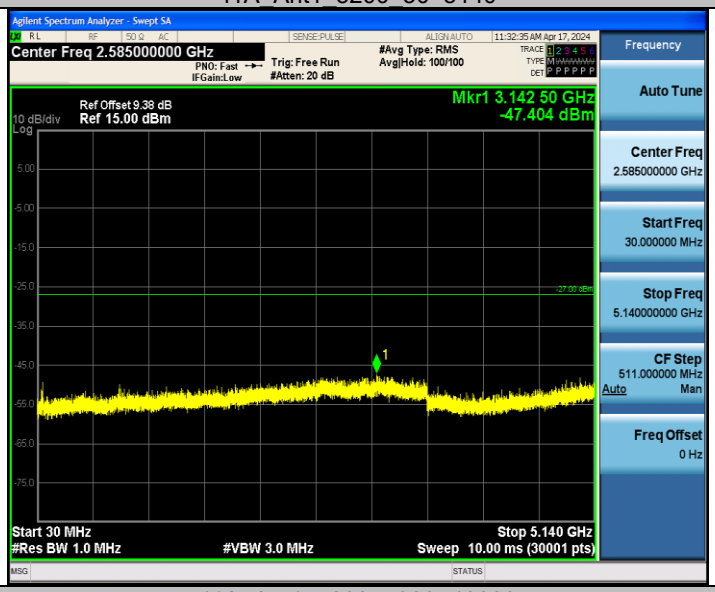
11A_Ant1_5180_30~5140



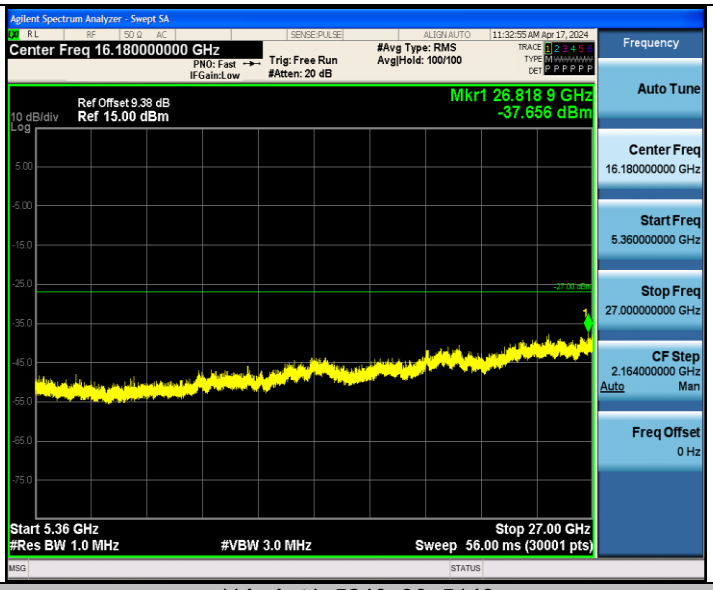
11A_Ant1_5180_5360~40000



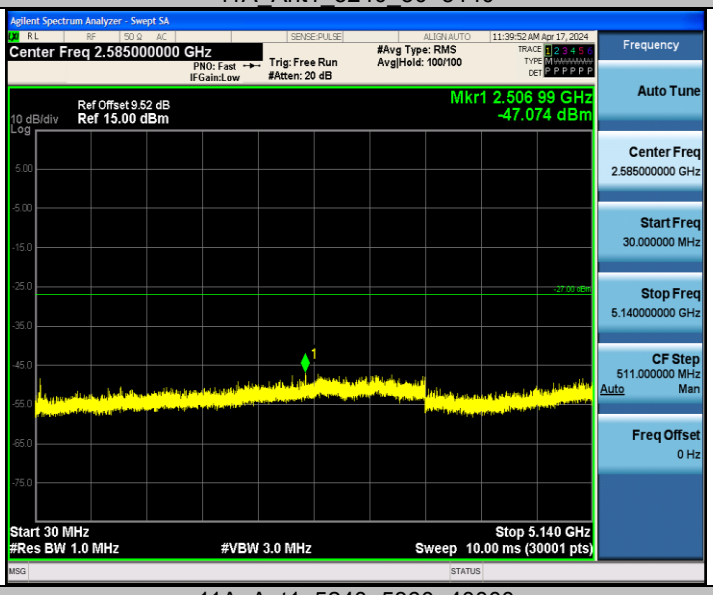
11A_Ant1_5200_30~5140



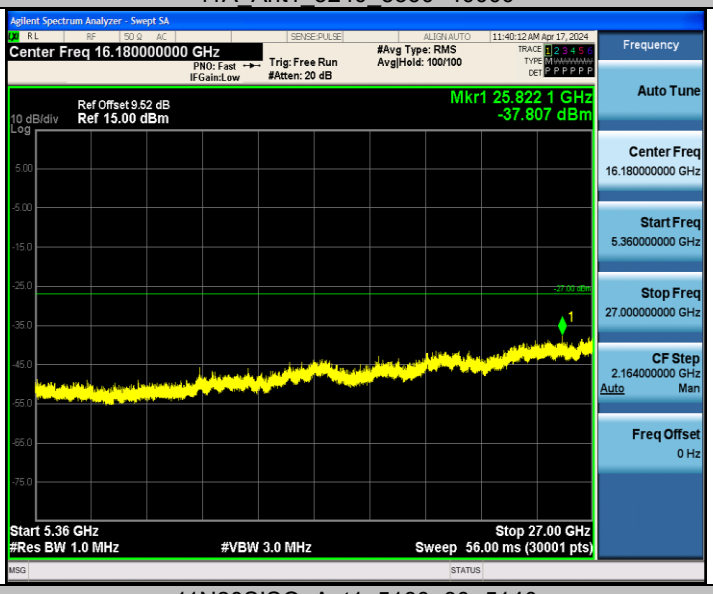
11A_Ant1_5200_5360~40000



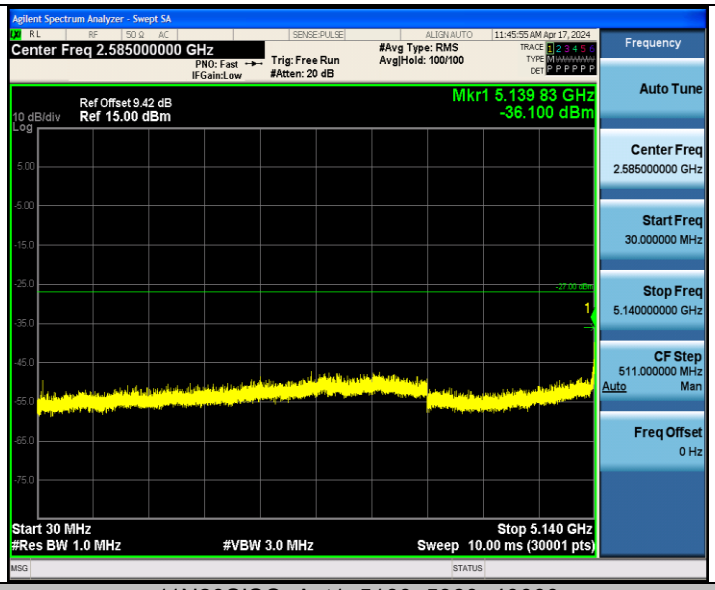
11A_Ant1_5240_30~5140



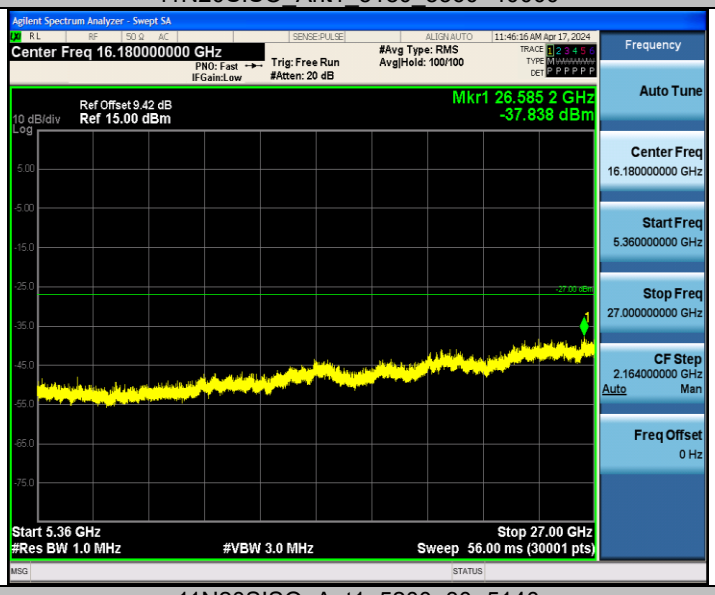
11A_Ant1_5240_5360~40000



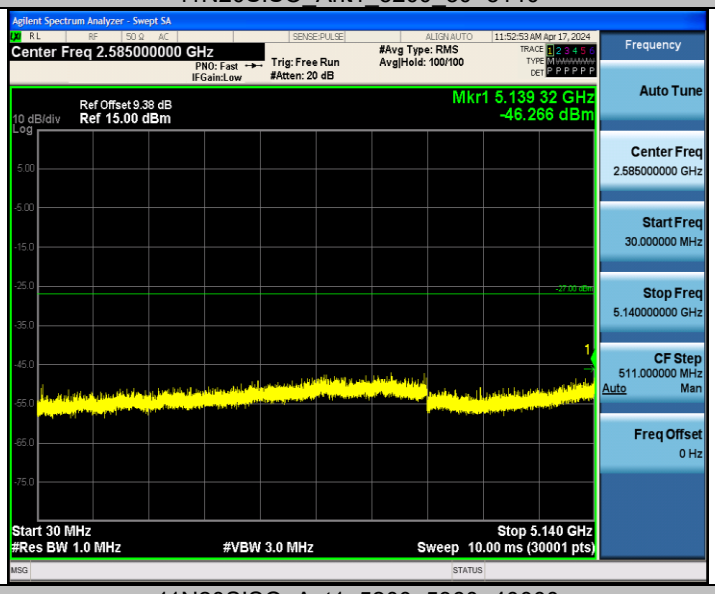
11N20SISO_Ant1_5180_30~5140



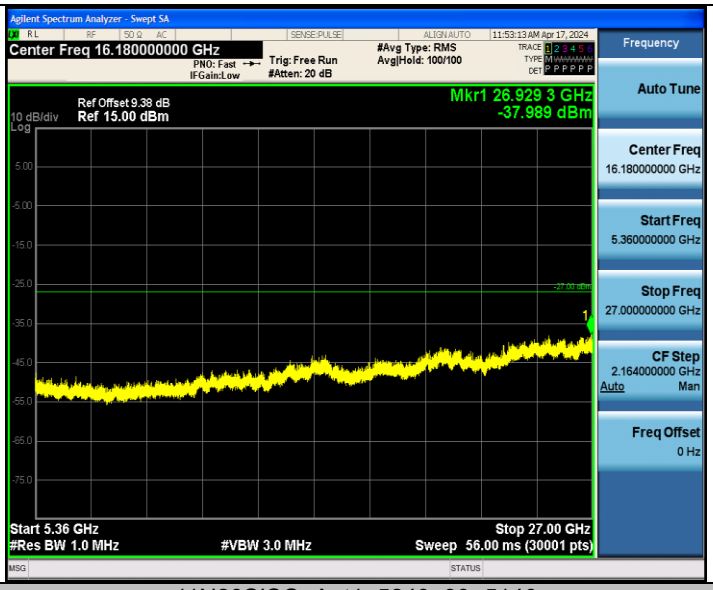
11N20SISO_Ant1_5180_5360~40000



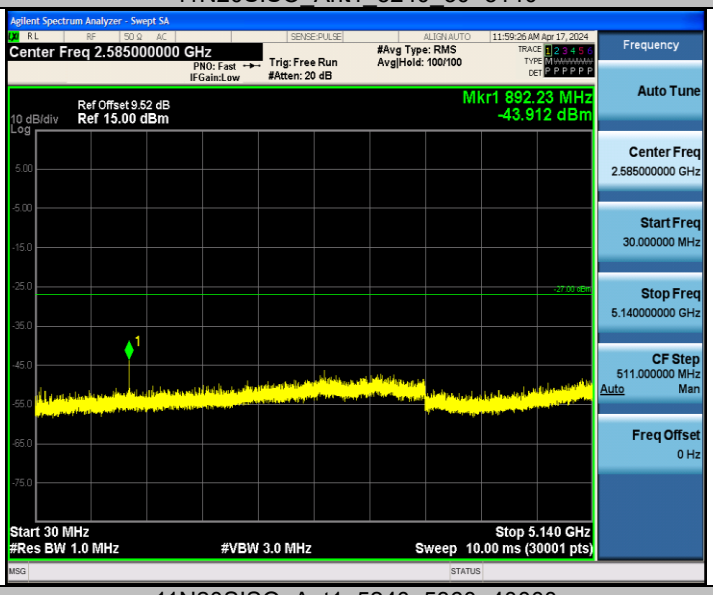
11N20SISO_Ant1_5200_30~5140



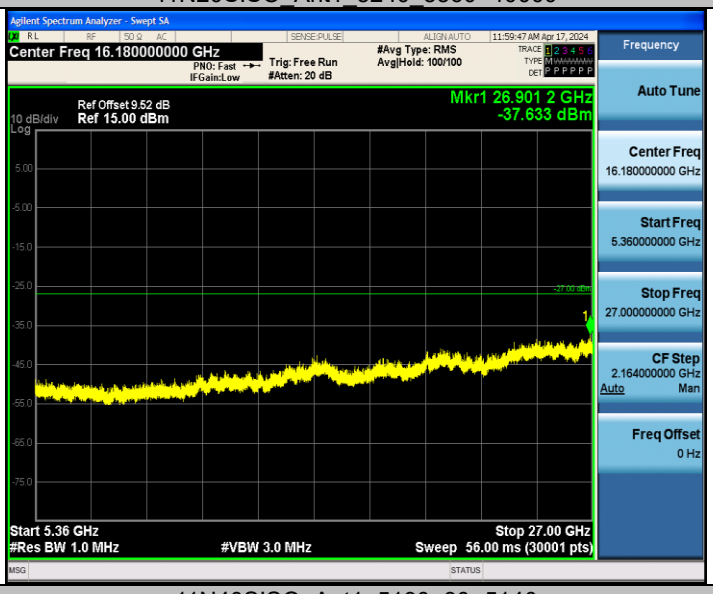
11N20SISO_Ant1_5200_5360~40000



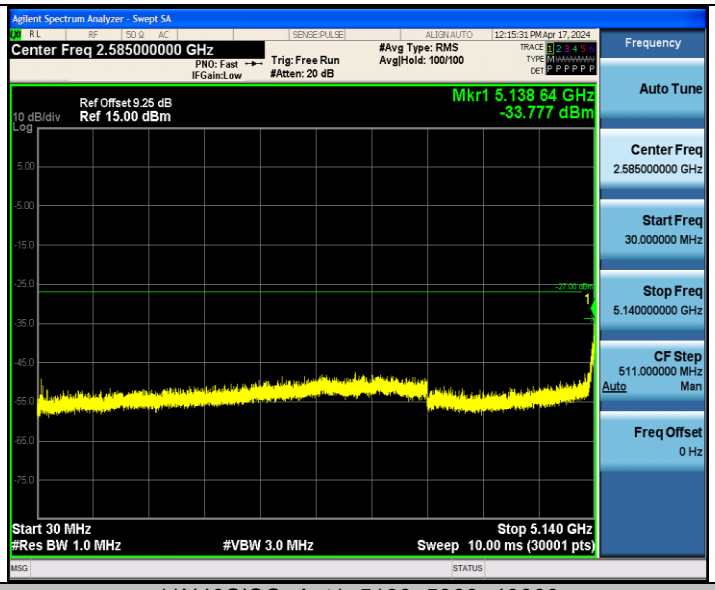
11N20SISO_Ant1_5240_30~5140



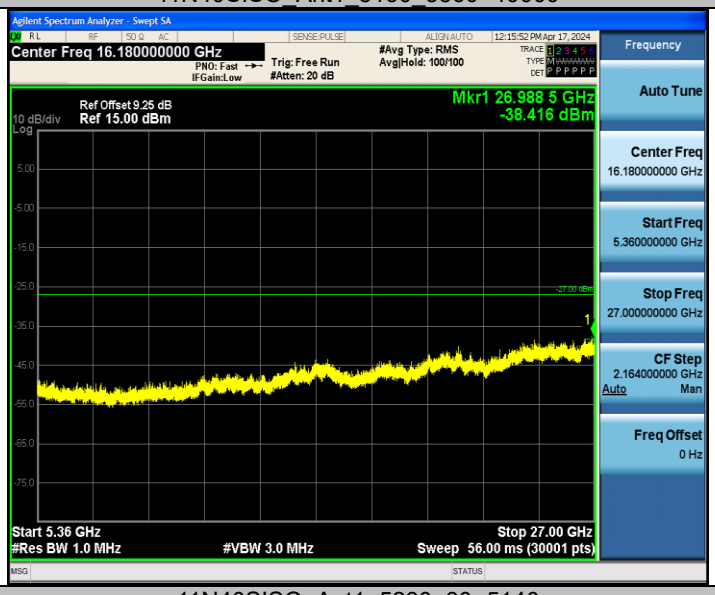
11N20SISO_Ant1_5240_5360~40000



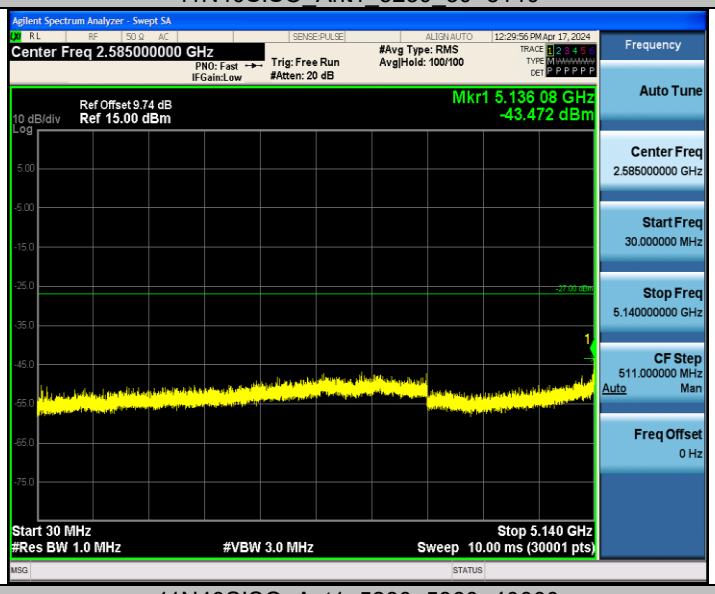
11N40SISO_Ant1_5190_30~5140



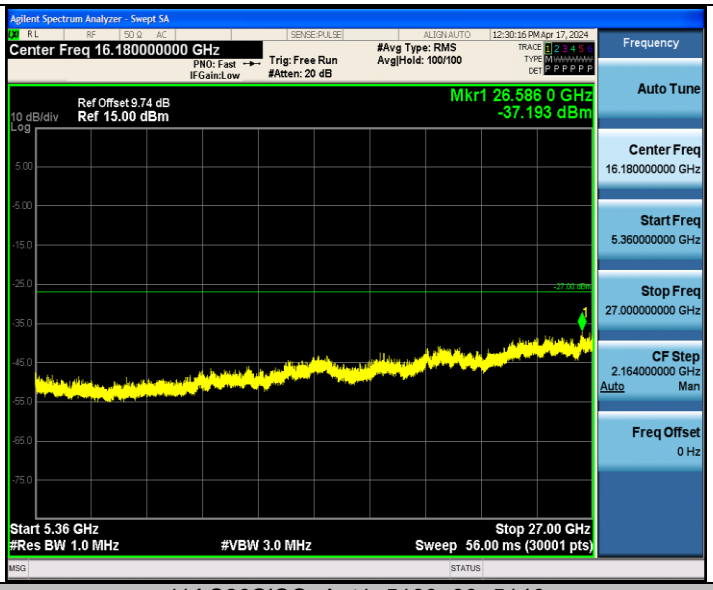
11N40SISO_Ant1_5190_5360~40000



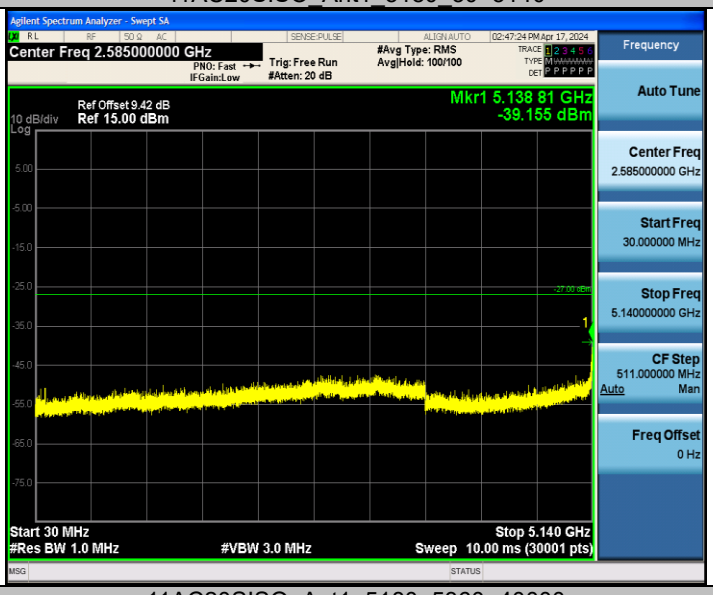
11N40SISO_Ant1_5230_30~5140



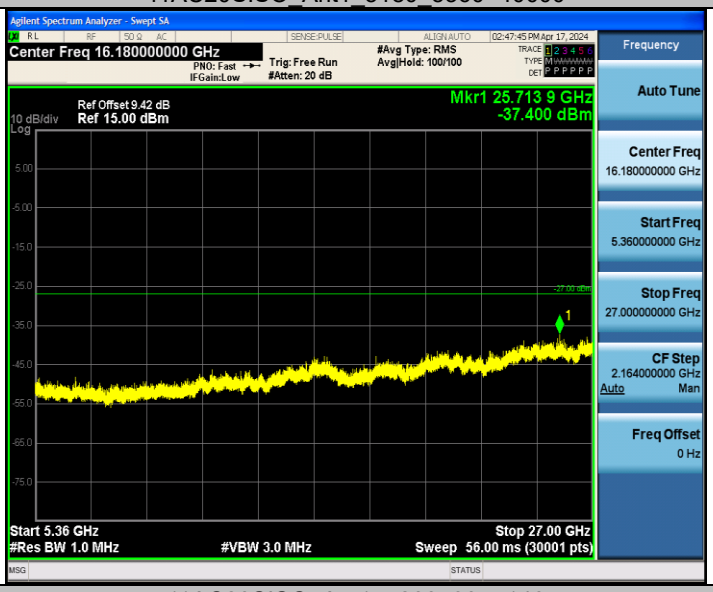
11N40SISO_Ant1_5230_5360~40000



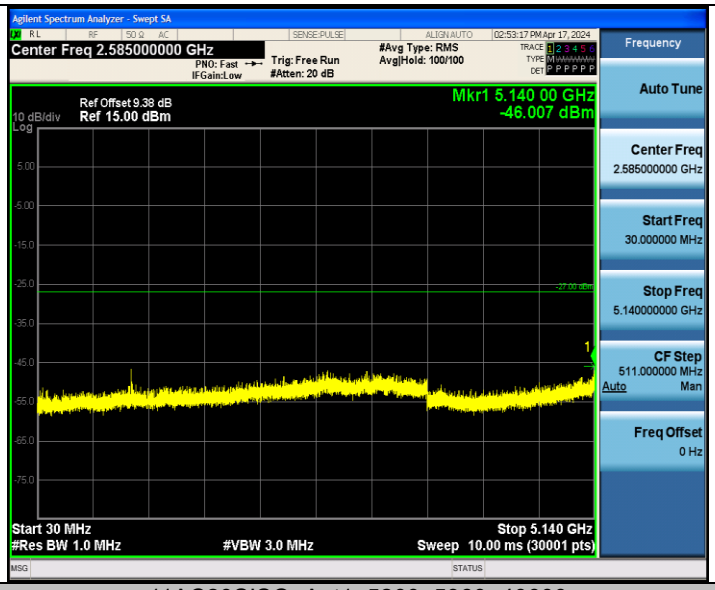
11AC20SISO_Ant1_5180_30~5140



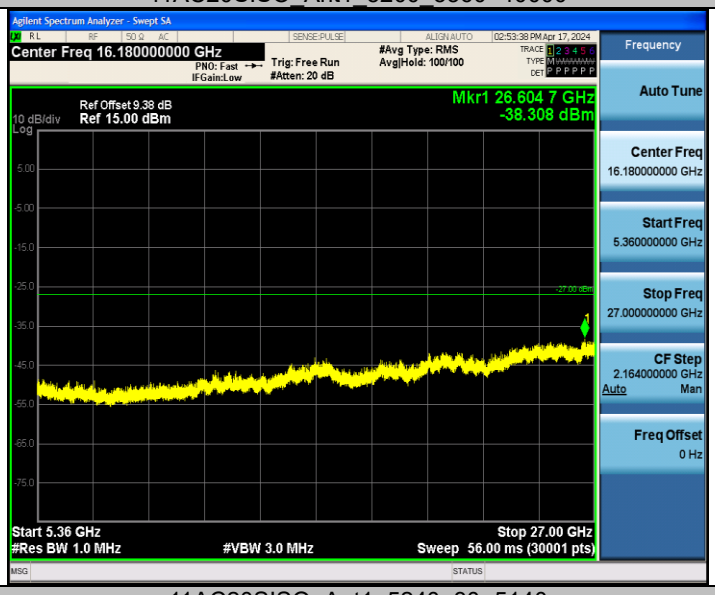
11AC20SISO_Ant1_5180_5360~40000



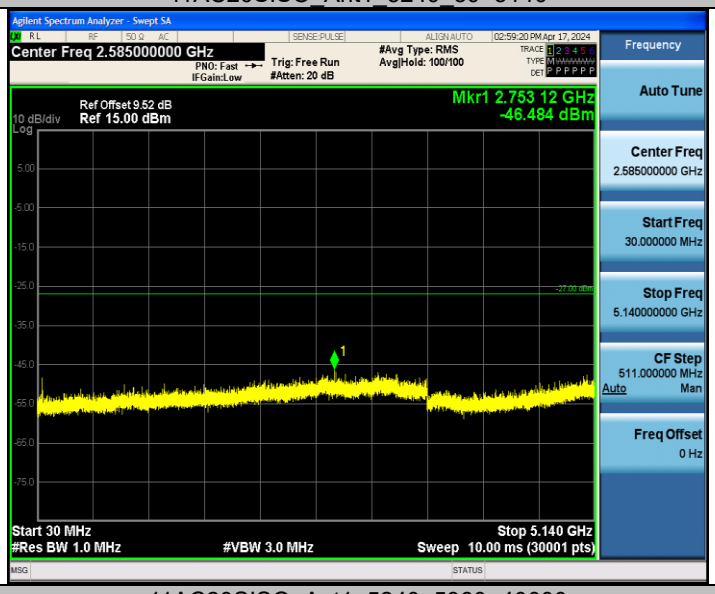
11AC20SISO_Ant1_5200_30~5140



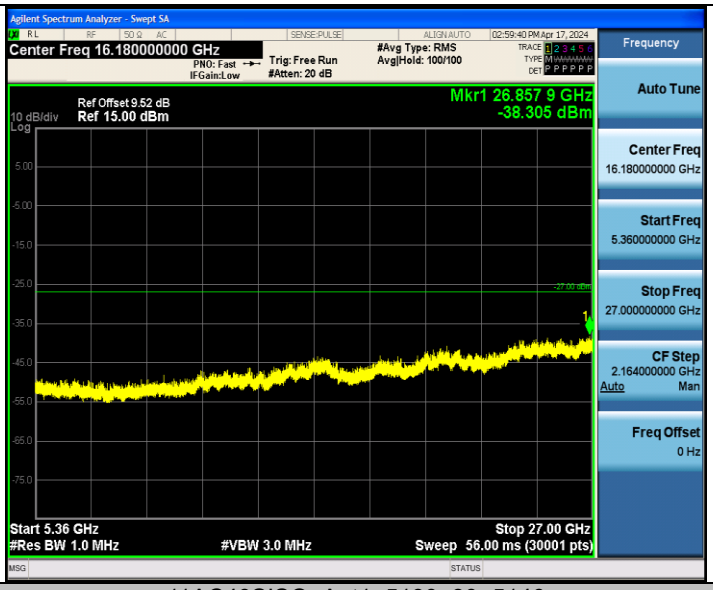
11AC20SISO_Ant1_5200_5360~40000



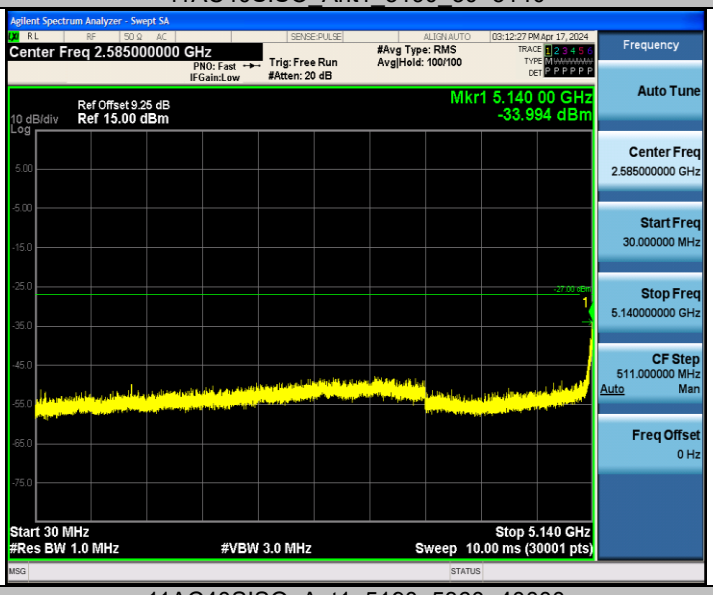
11AC20SISO_Ant1_5240_30~5140



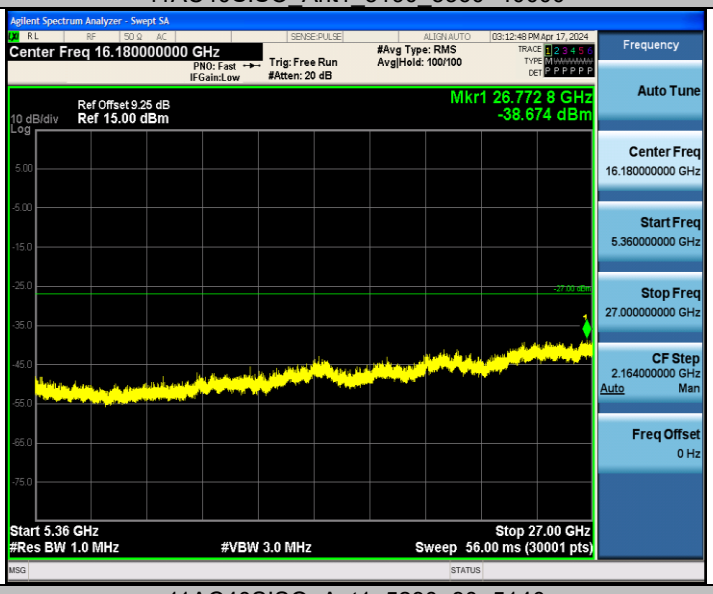
11AC20SISO_Ant1_5240_5360~40000



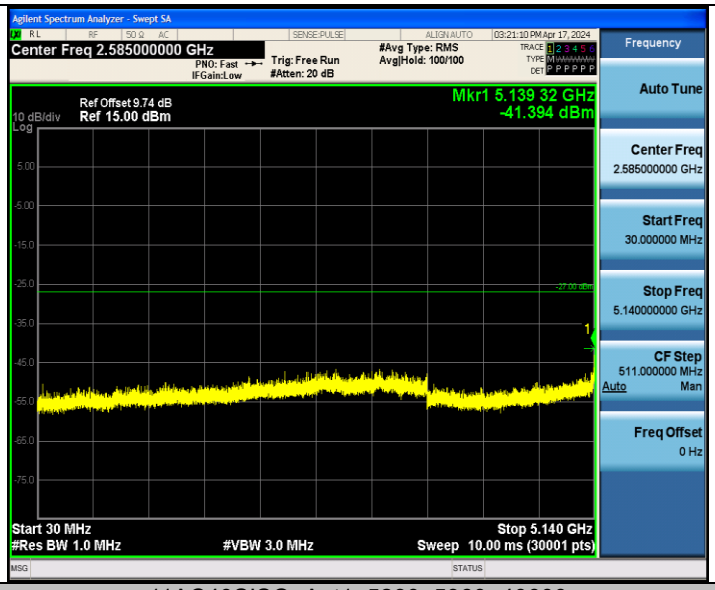
11AC40SISO_Ant1_5190_30~5140



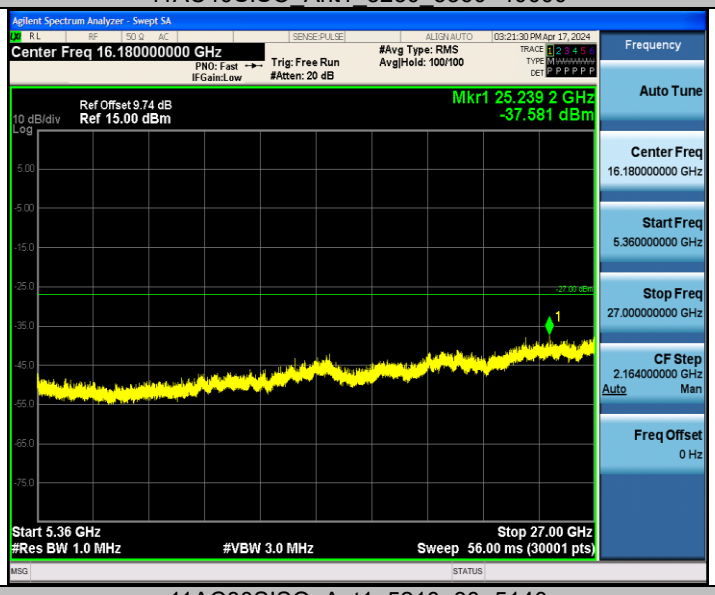
11AC40SISO_Ant1_5190_5360~40000



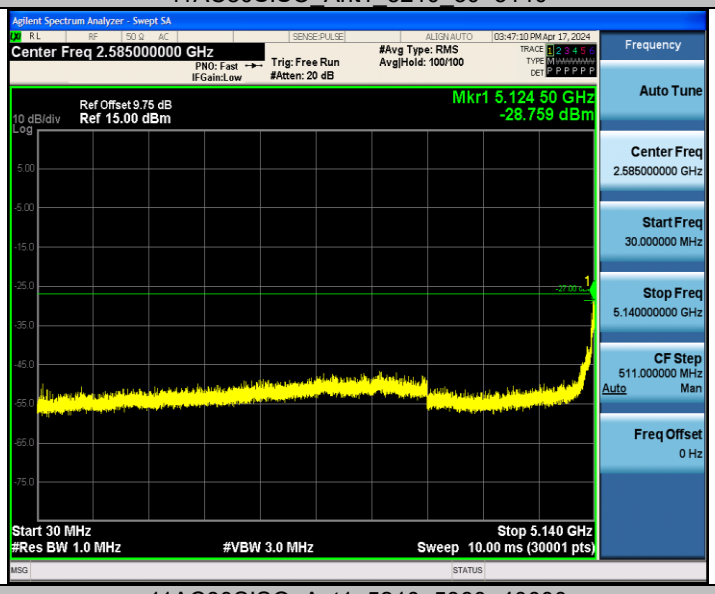
11AC40SISO_Ant1_5230_30~5140



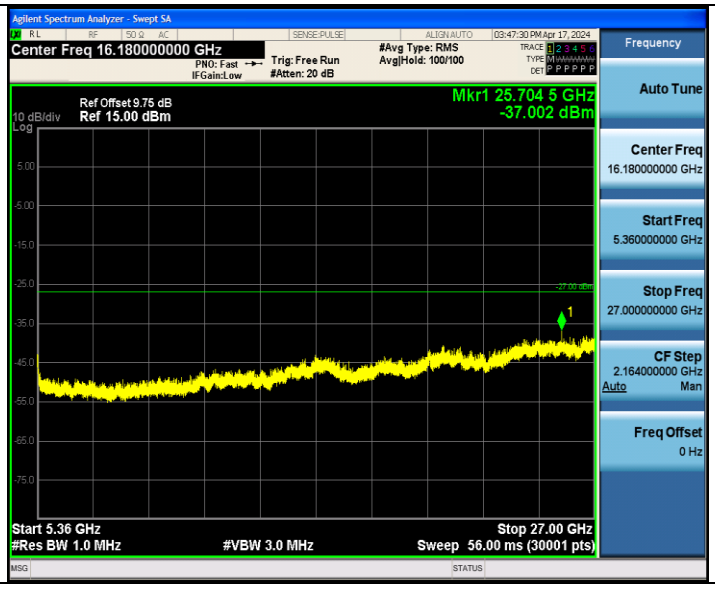
11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



----End of Report----