

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	9.19	100.00	0.00	9.19	≤23.98	PASS
		5200	9.34	100.00	0.00	9.34	≤23.98	PASS
		5240	9.74	100.00	0.00	9.74	≤23.98	PASS
11N20SISO	Ant1	5180	10.83	100.00	0.00	10.83	≤23.98	PASS
		5200	10.95	100.00	0.00	10.95	≤23.98	PASS
		5240	11.40	100.00	0.00	11.40	≤23.98	PASS
11N40SISO	Ant1	5190	10.78	100.00	0.00	10.78	≤23.98	PASS
		5230	11.28	100.00	0.00	11.28	≤23.98	PASS
11AC20SISO	Ant1	5180	10.91	100.00	0.00	10.91	≤23.98	PASS
		5200	10.75	100.00	0.00	10.75	≤23.98	PASS
		5240	11.20	100.00	0.00	11.20	≤23.98	PASS
11AC40SISO	Ant1	5190	10.61	100.00	0.00	10.61	≤23.98	PASS
		5230	11.15	100.00	0.00	11.15	≤23.98	PASS
11AC80SISO	Ant1	5210	10.70	100.00	0.00	10.70	≤23.98	PASS
11AX20SISO	Ant1	5180	10.23	100.00	0.00	10.23	≤23.98	PASS
		5200	10.55	100.00	0.00	10.55	≤23.98	PASS
		5240	11.11	100.00	0.00	11.11	≤23.98	PASS
11AX40SISO	Ant1	5190	10.55	100.00	0.00	10.55	≤23.98	PASS
		5230	10.94	100.00	0.00	10.94	≤23.98	PASS
11AX80SISO	Ant1	5210	10.95	100.00	0.00	10.95	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.63	≤11.00	PASS
		5200	-2.47	≤11.00	PASS
		5240	-1.99	≤11.00	PASS
11N20SISO	Ant1	5180	-1.16	≤11.00	PASS
		5200	-1.03	≤11.00	PASS
		5240	-0.49	≤11.00	PASS
11N40SISO	Ant1	5190	-4.06	≤11.00	PASS
		5230	-3.52	≤11.00	PASS
11AC20SISO	Ant1	5180	-1.09	≤11.00	PASS
		5200	-1.06	≤11.00	PASS
		5240	-0.51	≤11.00	PASS
11AC40SISO	Ant1	5190	-4.10	≤11.00	PASS
		5230	-3.55	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.97	≤11.00	PASS
11AX20SISO	Ant1	5180	-1.90	≤11.00	PASS
		5200	-1.56	≤11.00	PASS
		5240	-0.98	≤11.00	PASS
11AX40SISO	Ant1	5190	-4.41	≤11.00	PASS
		5230	-4.02	≤11.00	PASS
11AX80SISO	Ant1	5210	-6.66	≤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

11A_Ant1_5180



11A_Ant1_5200



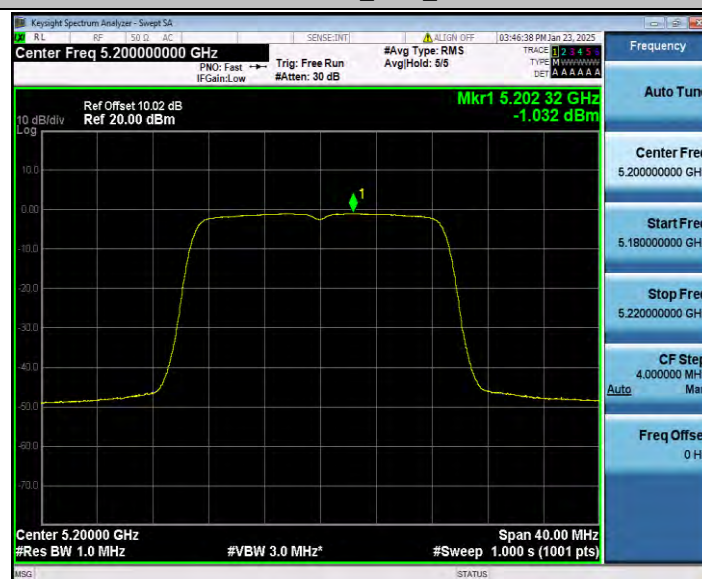
11A_Ant1_5240



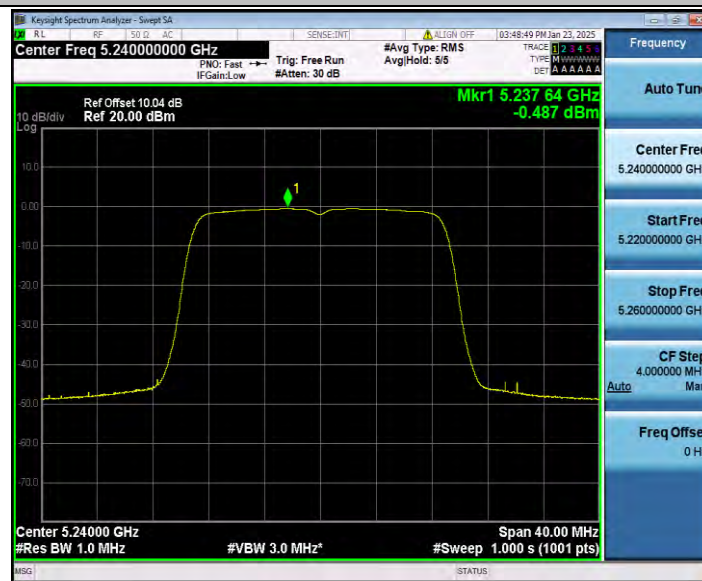
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



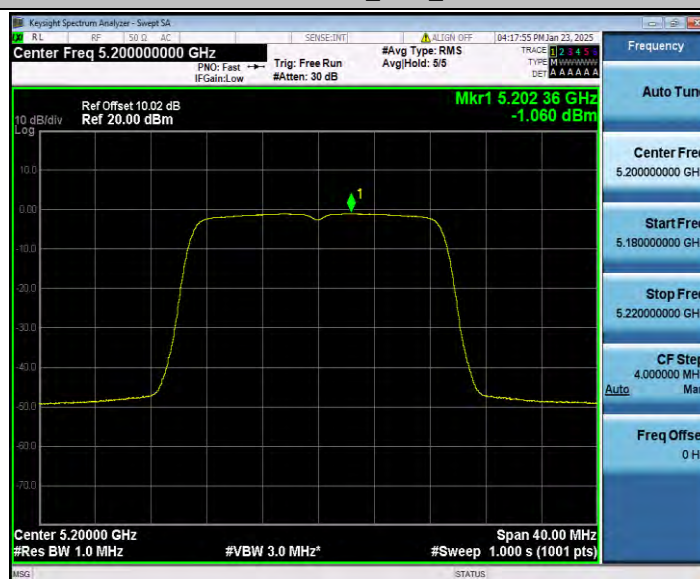
11N40SISO_Ant1_5230



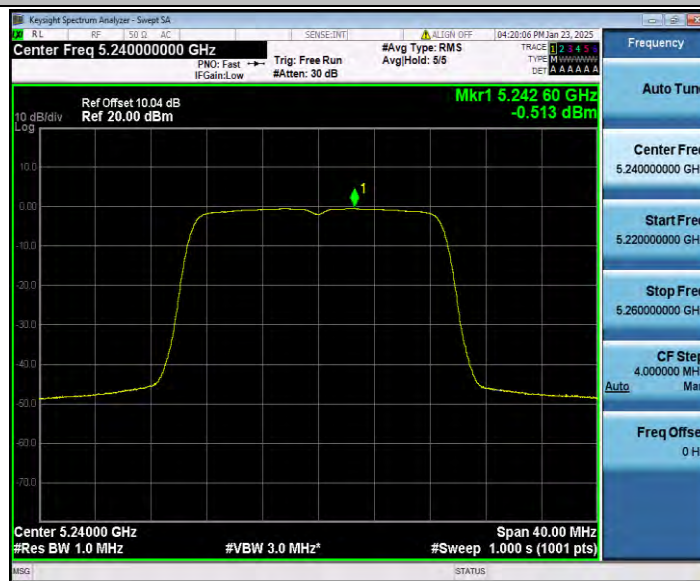
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



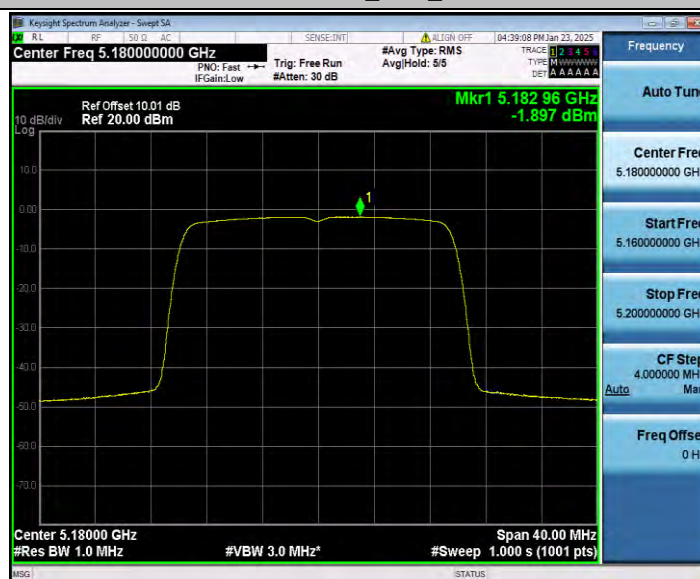
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

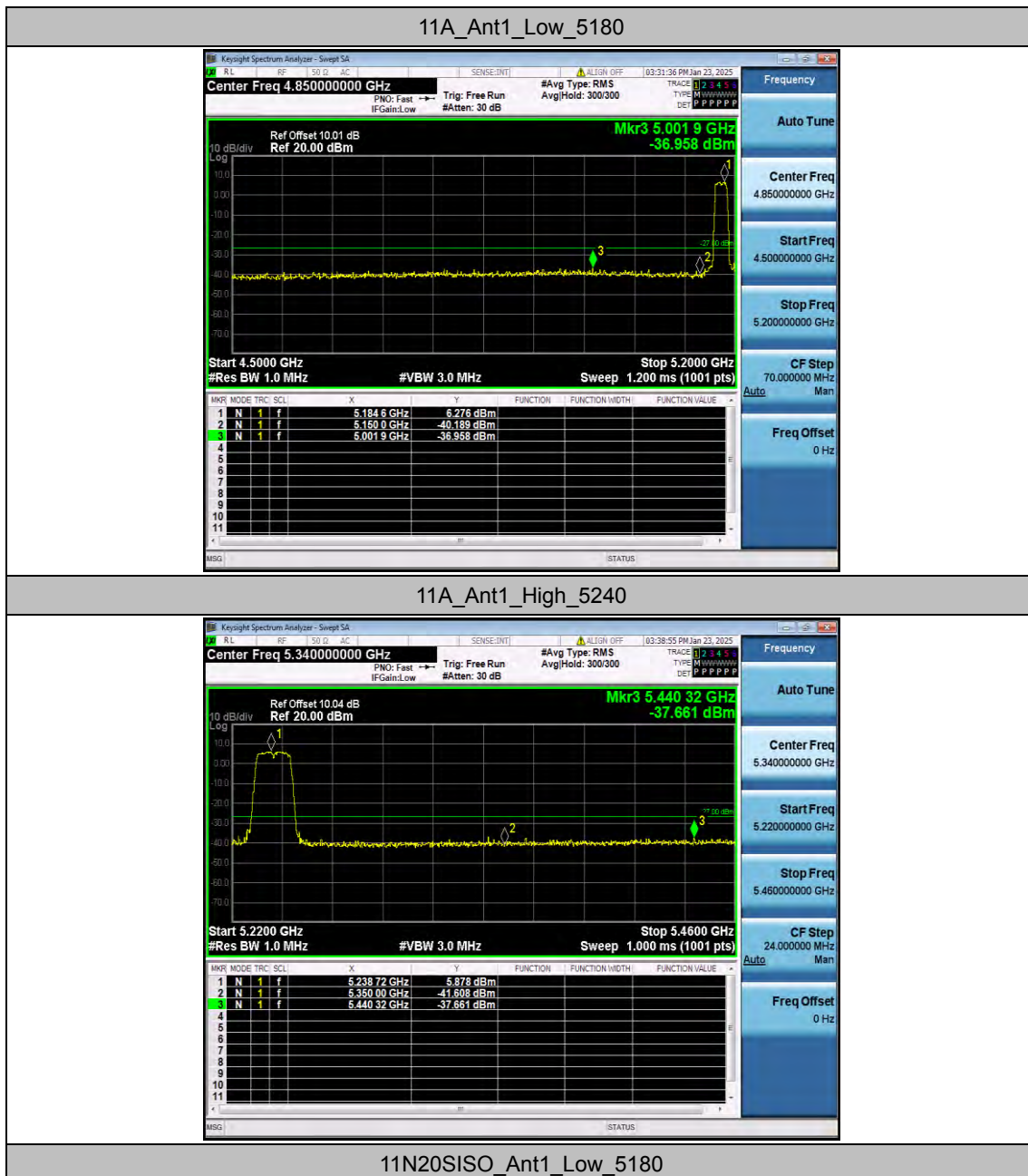


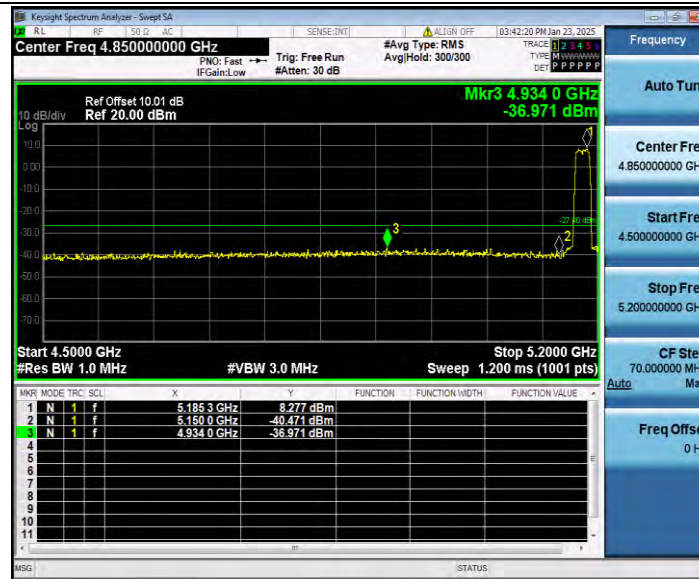
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.96	≤ -27	PASS
		High	5240	-37.66	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.97	≤ -27	PASS
		High	5240	-36.89	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-37.15	≤ -27	PASS
		High	5230	-37.78	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.37	≤ -27	PASS
		High	5240	-37.43	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-36.98	≤ -27	PASS
		High	5230	-36.81	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-36.7	≤ -27	PASS
		High	5210	-37.59	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-37.22	≤ -27	PASS
		High	5240	-36.82	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-36.57	≤ -27	PASS
		High	5230	-37.68	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-36.79	≤ -27	PASS
		High	5210	-37.37	≤ -27	PASS

Test Graphs B1

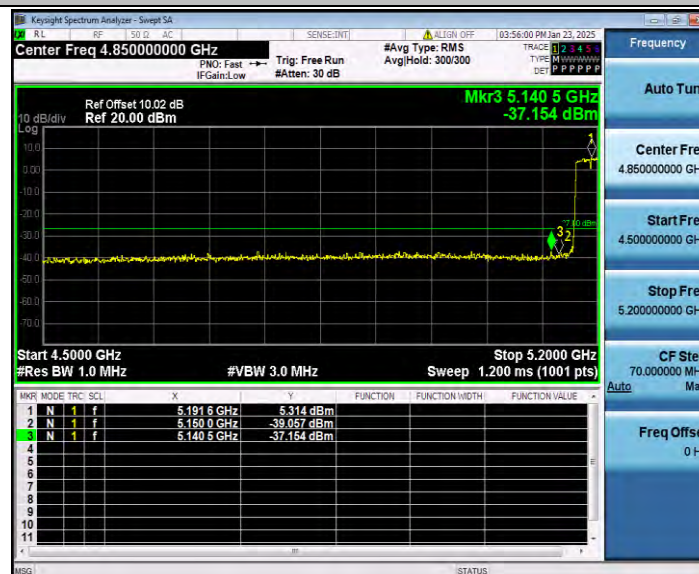




11N20SISO_Ant1_High_5240



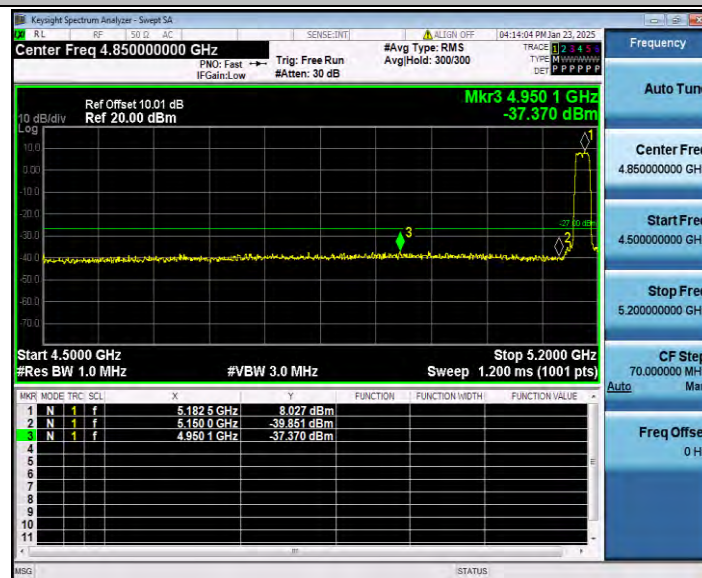
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



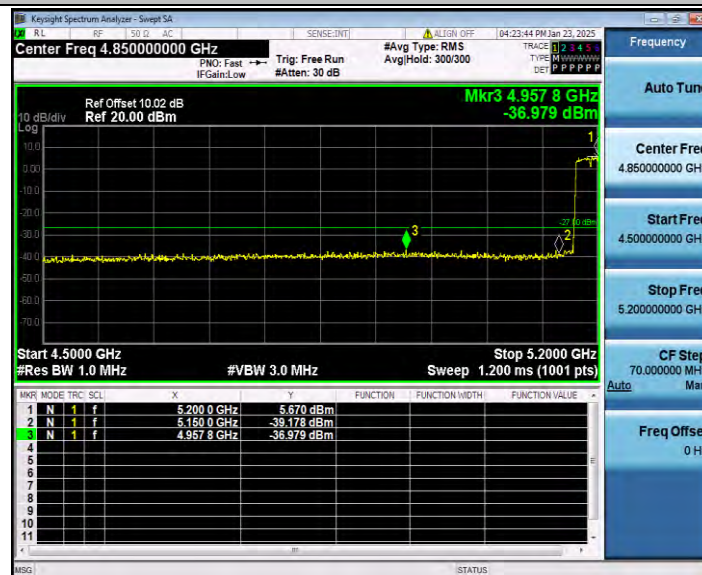
11AC20SISO_Ant1_Low_5180



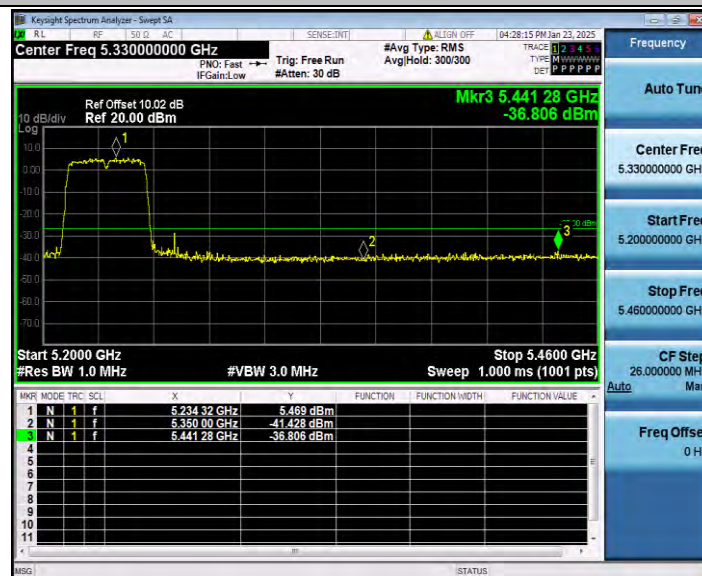
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



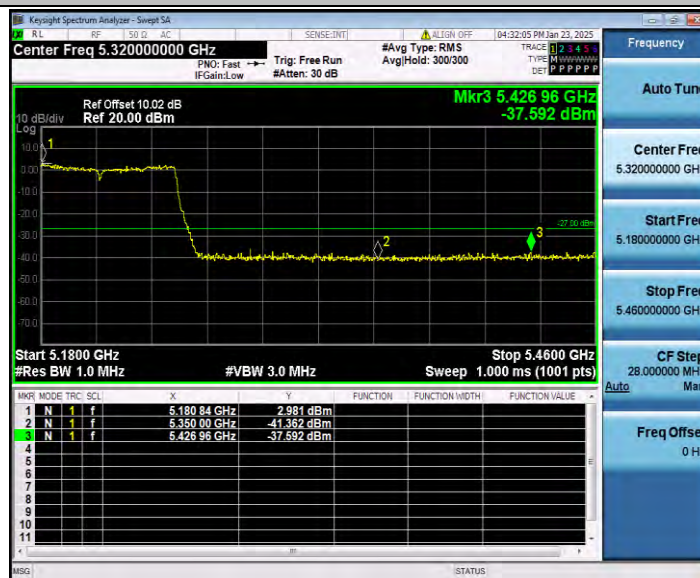
11AC40SISO_Ant1_High_5230



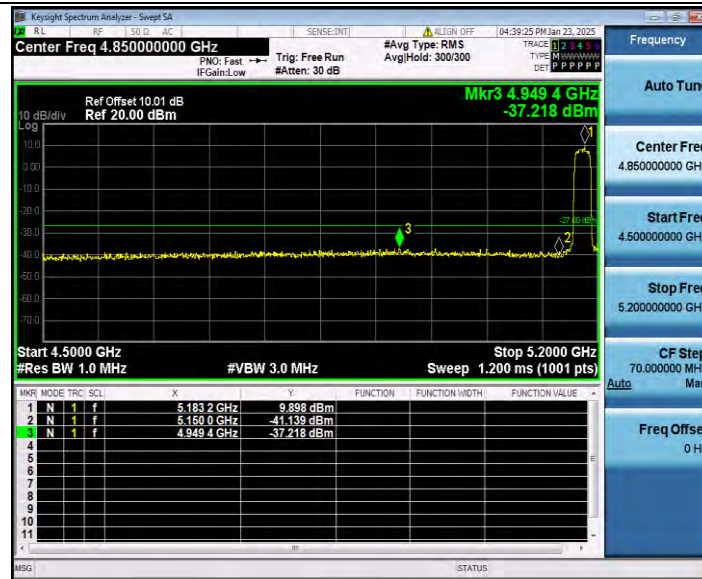
11AC80SISO_Ant1_Low_5210



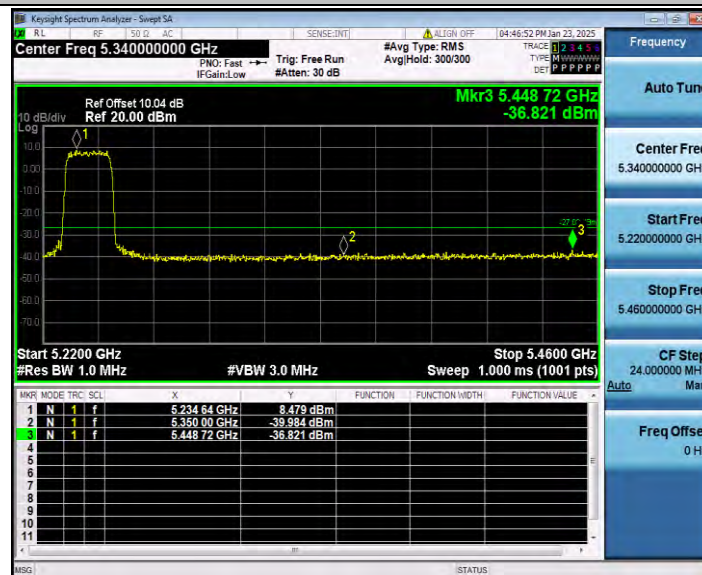
11AC80SISO_Ant1_High_5210



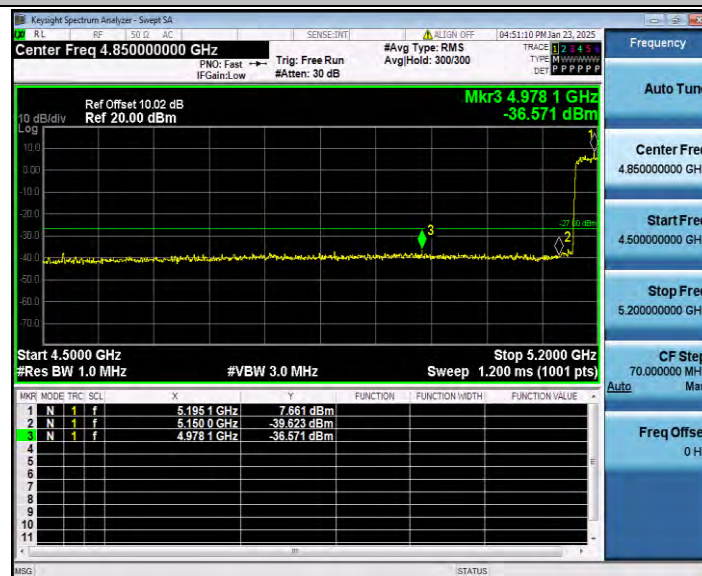
11AX20SISO_Ant1_Low_5180



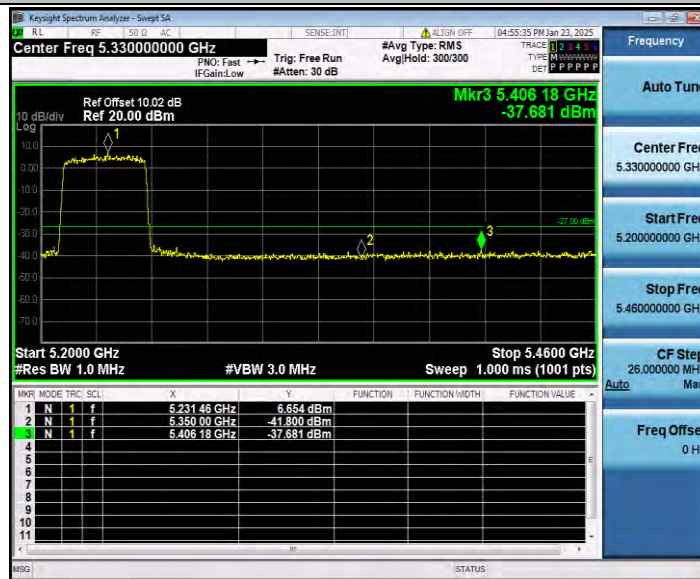
11AX20SISO_Ant1_High_5240



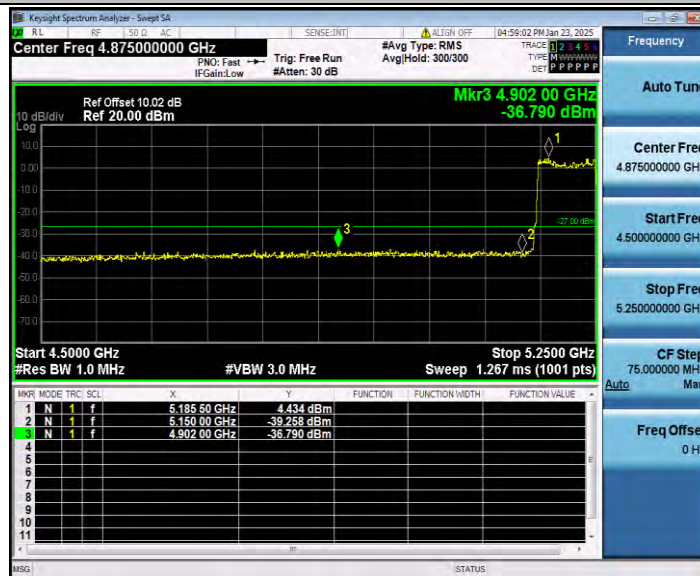
11AX40SISO_Ant1_Low_5190



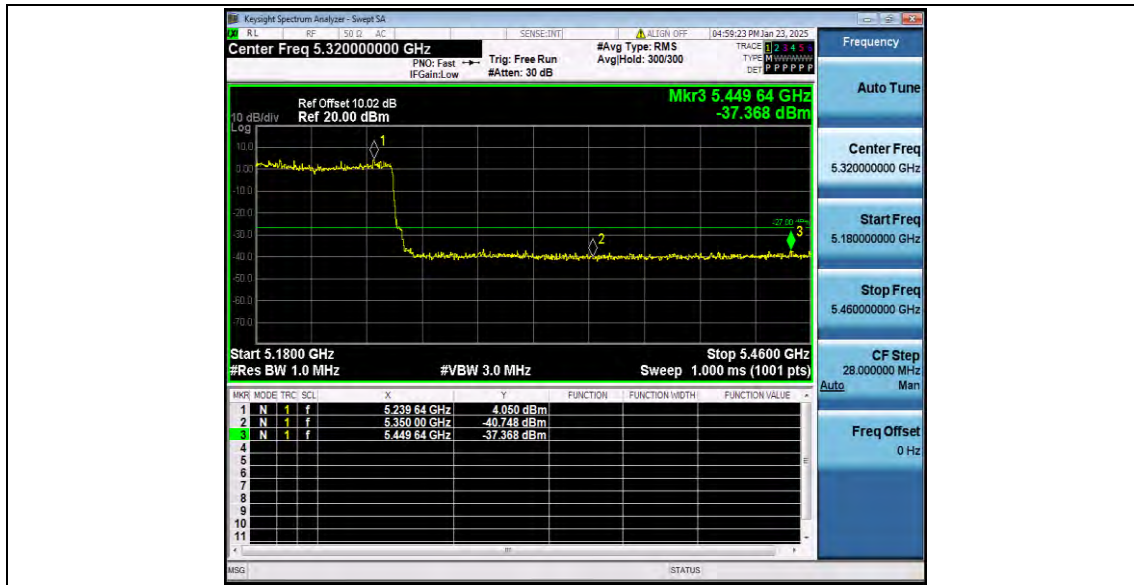
11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210



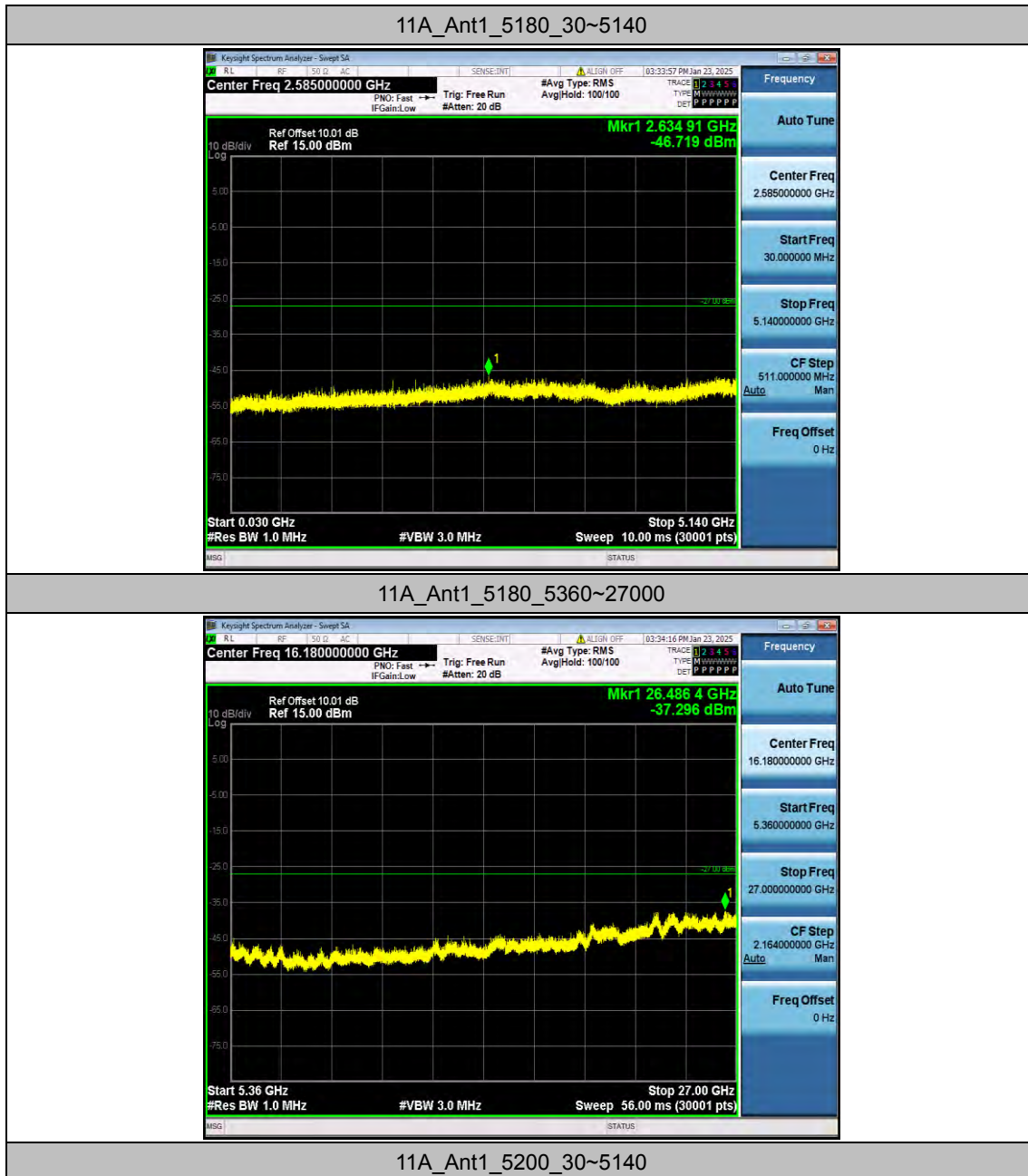
Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2634.91	-46.72	≤-27	PASS
			5360~27000	26486.41	-37.3	≤-27	PASS
		5200	30~5140	5064.03	-46.35	≤-27	PASS
			5360~27000	26839.86	-37.55	≤-27	PASS
		5240	30~5140	2578.7	-41.81	≤-27	PASS
			5360~27000	26523.92	-36.88	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	2565.24	-45.9	≤-27	PASS
			5360~27000	25018.5	-37.28	≤-27	PASS
		5200	30~5140	4998.96	-46	≤-27	PASS
			5360~27000	24324.57	-36.96	≤-27	PASS
		5240	30~5140	4965.07	-45.88	≤-27	PASS
			5360~27000	25212.54	-36.26	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5136.25	-44.33	≤-27	PASS
			5360~27000	24279.13	-36.97	≤-27	PASS
		5230	30~5140	4995.05	-45.1	≤-27	PASS
			5360~27000	26021.15	-37.36	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	3042.52	-45.77	≤-27	PASS
			5360~27000	26433.75	-36.59	≤-27	PASS
		5200	30~5140	4880.92	-45.69	≤-27	PASS
			5360~27000	24274.08	-36.55	≤-27	PASS
		5240	30~5140	2611.06	-45.26	≤-27	PASS
			5360~27000	25589.79	-37.41	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5126.37	-46.49	≤-27	PASS
			5360~27000	25102.89	-36.67	≤-27	PASS
		5230	30~5140	4982.95	-45.7	≤-27	PASS
			5360~27000	23536.16	-36.68	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5095.37	-40.58	≤-27	PASS
			5360~27000	24261.82	-36.74	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	3129.73	-46.05	≤-27	PASS
			5360~27000	24237.29	-36.81	≤-27	PASS
		5200	30~5140	4895.06	-46.57	≤-27	PASS
			5360~27000	24253.16	-37.15	≤-27	PASS
		5240	30~5140	4817.9	-45.05	≤-27	PASS
			5360~27000	24295.72	-37.23	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5138.81	-44.95	≤-27	PASS
			5360~27000	25574.65	-37.27	≤-27	PASS

		5230	30~5140	4945.14	-46.45	≤ -27	PASS
			5360~27000	26510.21	-37.5	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	5099.97	-42.88	≤ -27	PASS
			5360~27000	24781.9	-36.9	≤ -27	PASS

Test Graphs

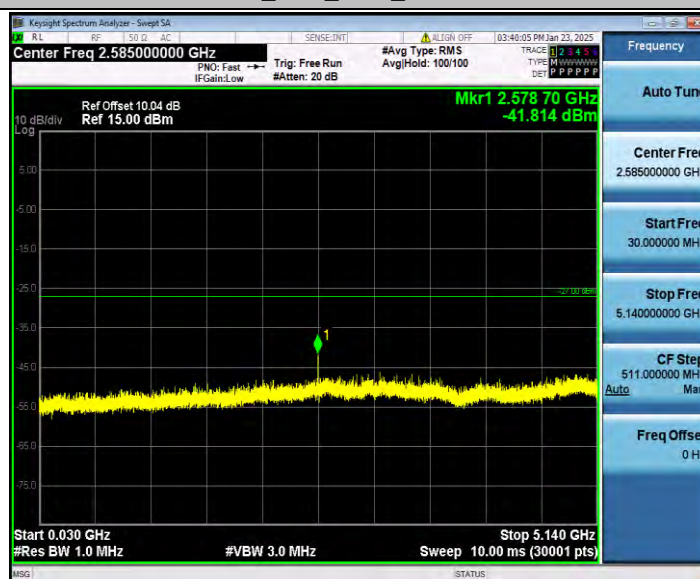




11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



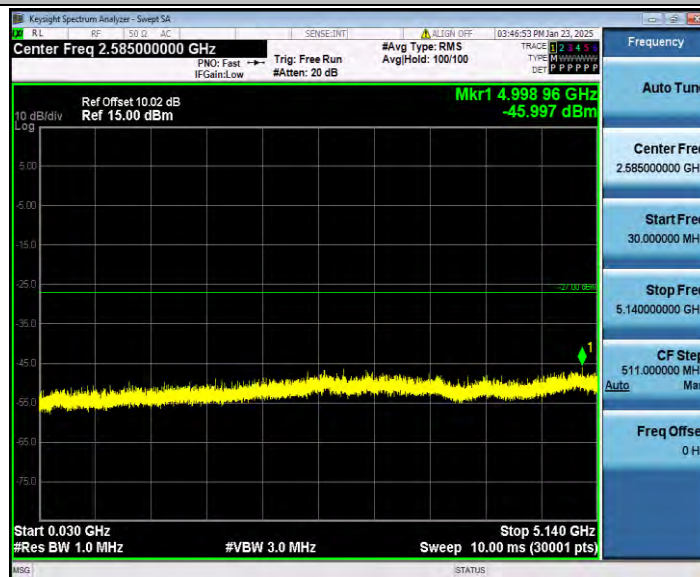
11N20SISO_Ant1_5180_30~5140



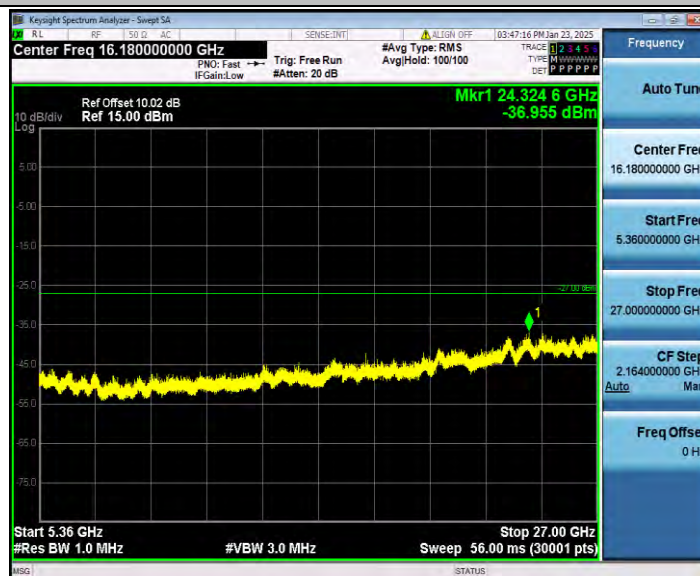
11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



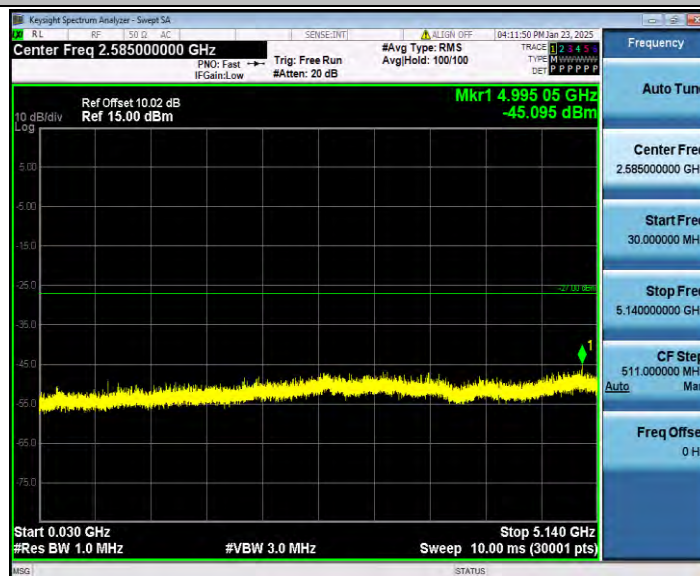
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



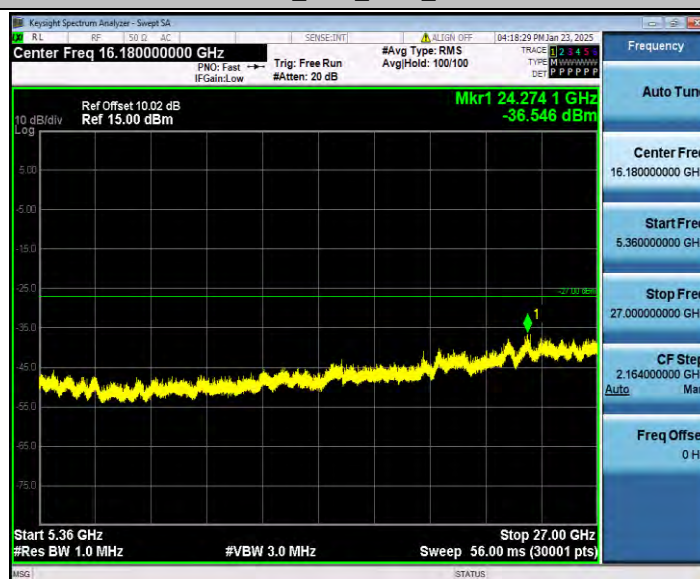
11AC20SISO_Ant1_5180_5360~27000



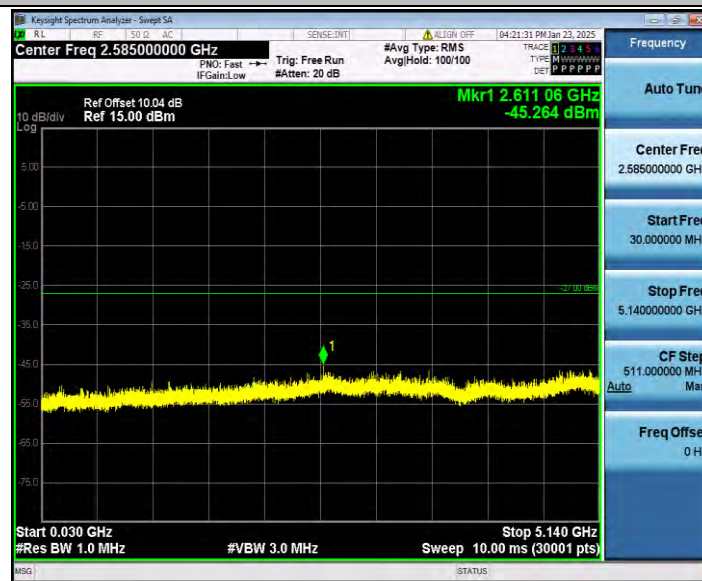
11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



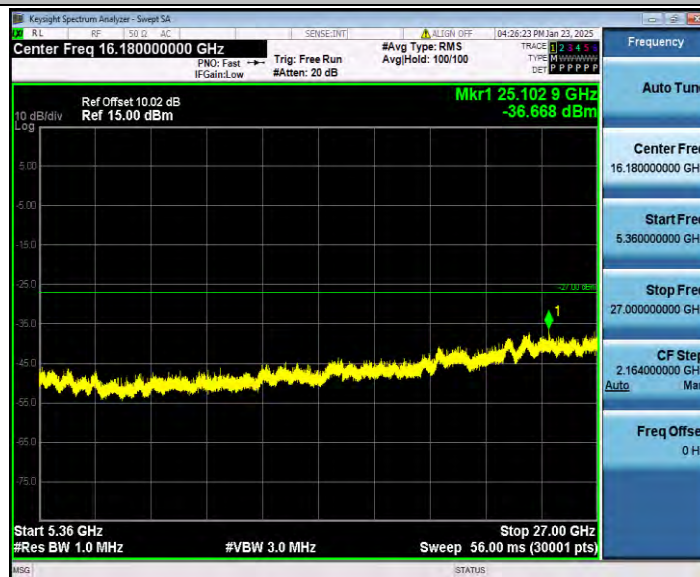
11AC20SISO_Ant1_5240_5360~27000



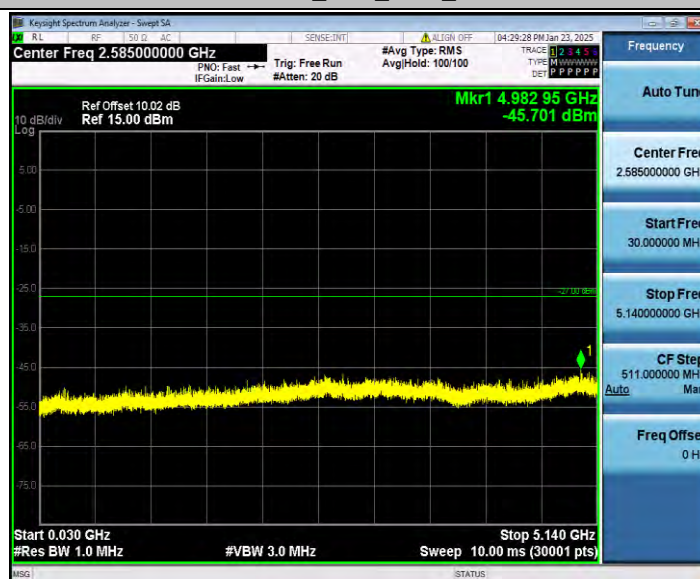
11AC40SISO_Ant1_5190_30~5140

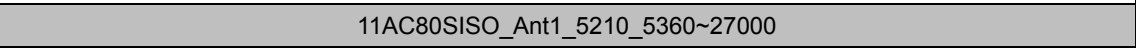
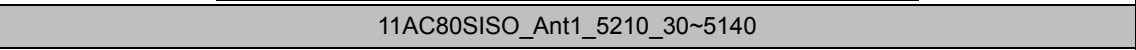


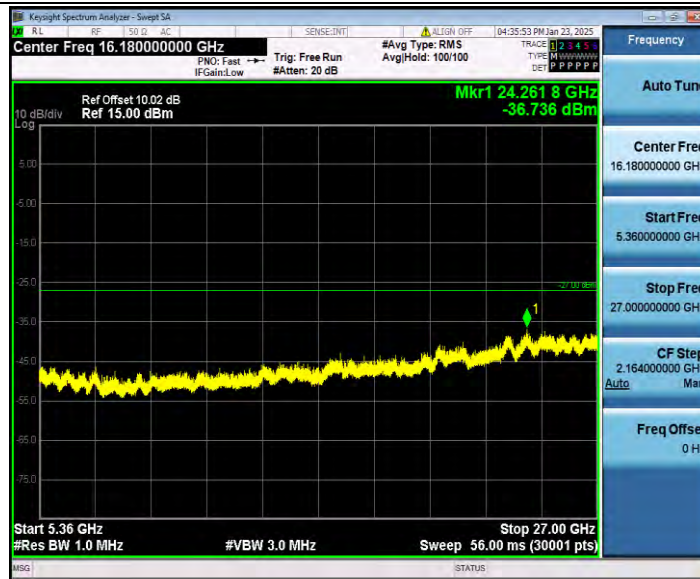
11AC40SISO_Ant1_5190_5360~27000



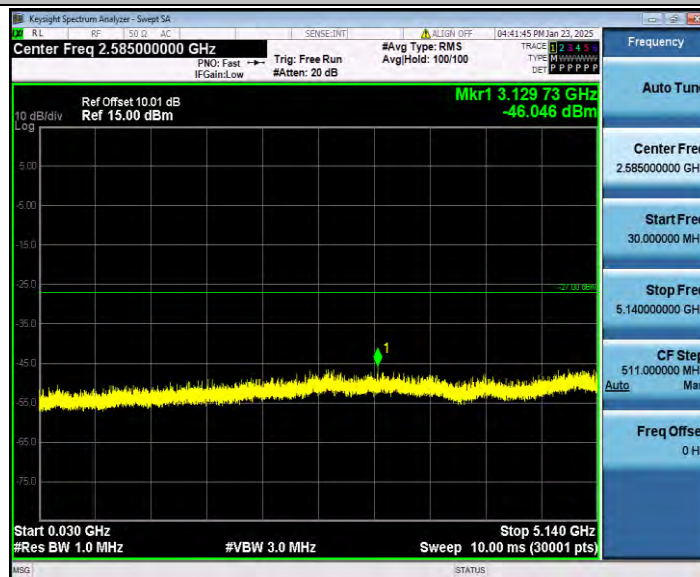
11AC40SISO_Ant1_5230_30~5140



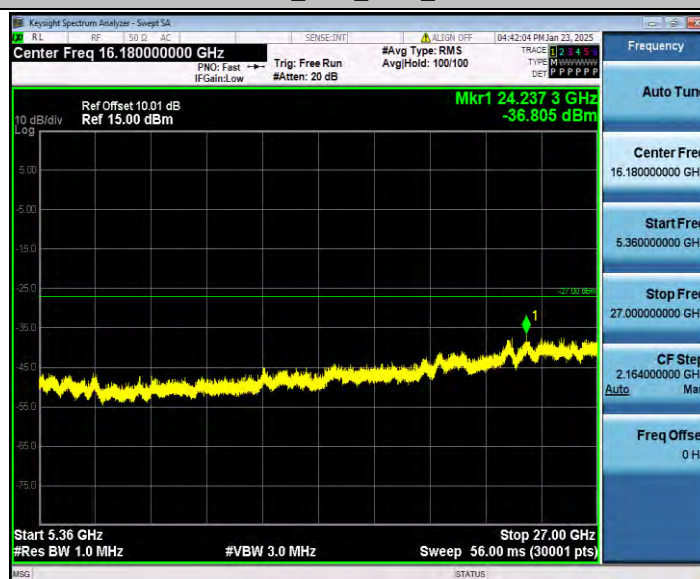




11AX20SISO_Ant1_5180_30~5140



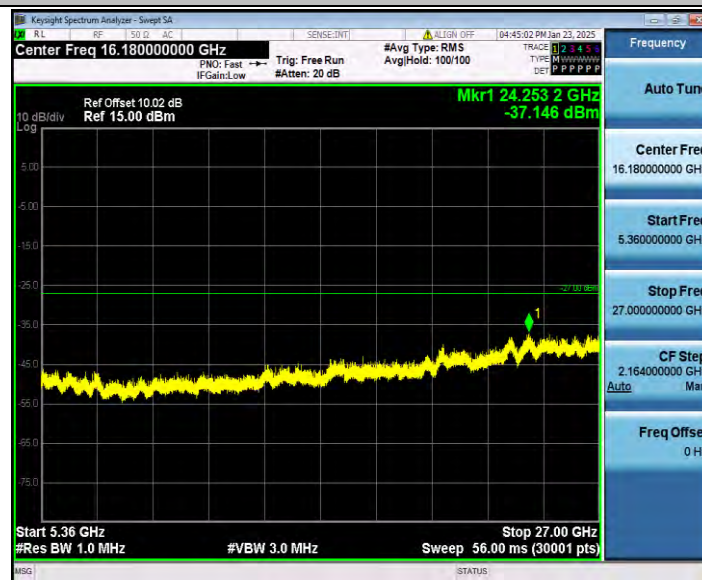
11AX20SISO_Ant1_5180_5360~27000



11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~27000



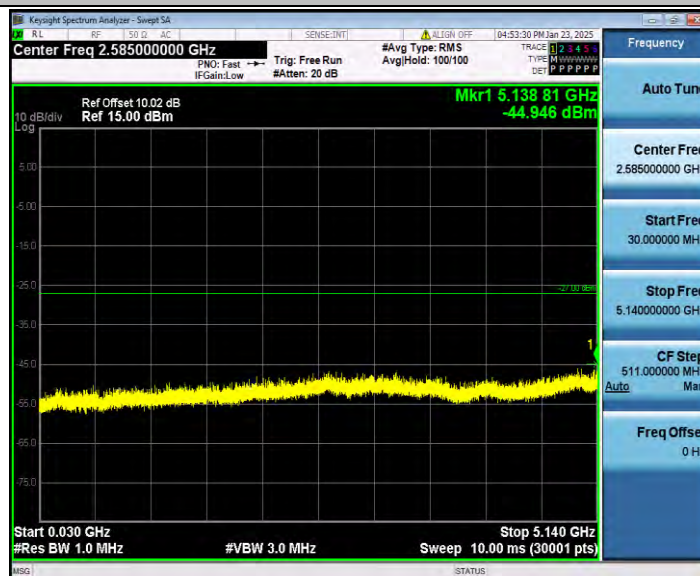
11AX20SISO_Ant1_5240_30~5140



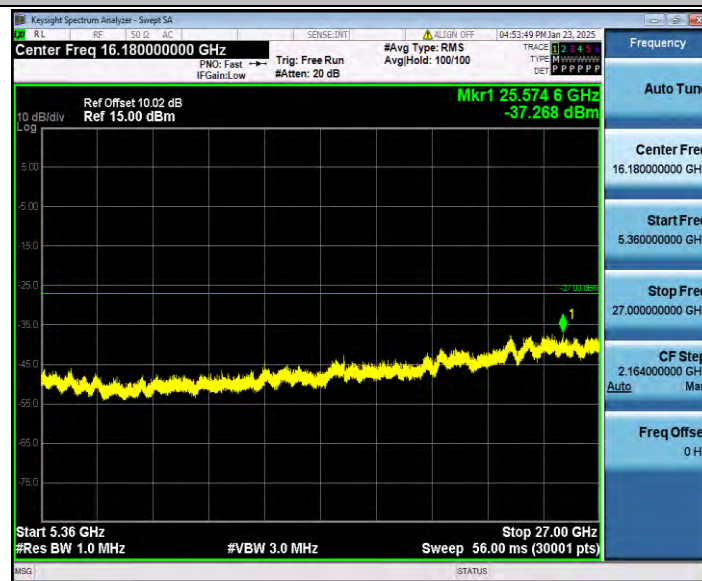
11AX20SISO_Ant1_5240_5360~27000



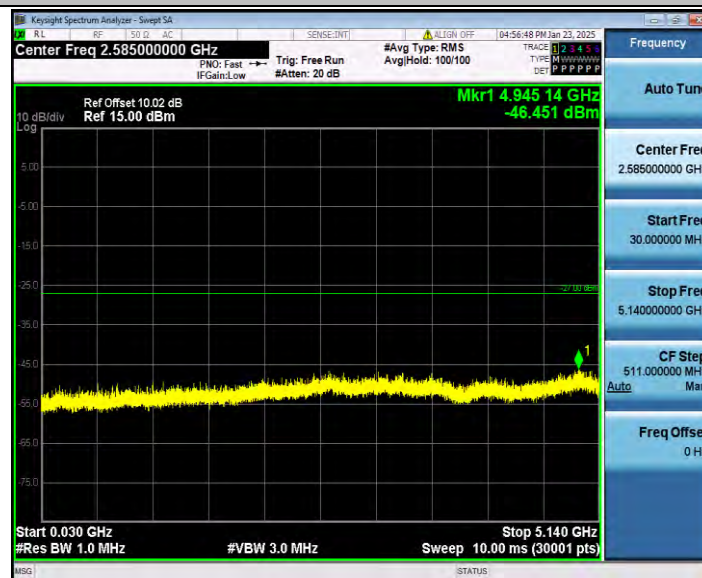
11AX40SISO_Ant1_5190_30~5140



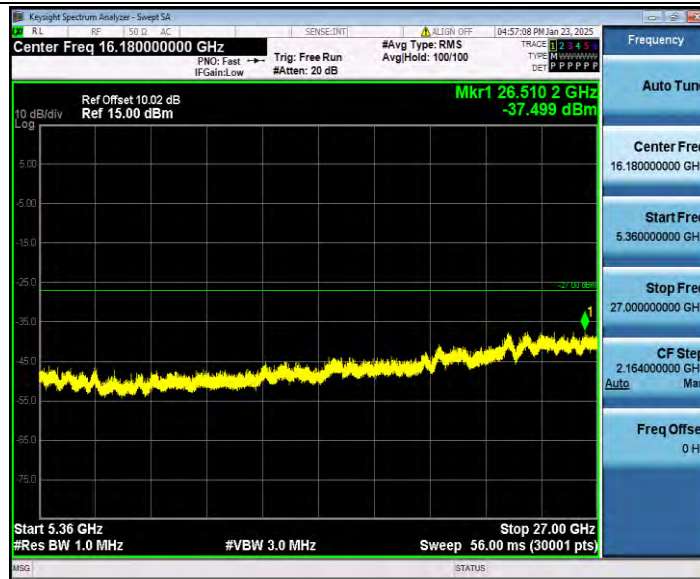
11AX40SISO_Ant1_5190_5360~27000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~27000

