

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	Ant0	5180	10.64	43.75	3.59	14.23	≤23.98	PASS
		5200	10.65	43.75	3.59	14.24	≤23.98	PASS
		5240	10.14	40.00	3.98	14.12	≤23.98	PASS
11N20SISO	Ant0	5180	10.99	47.06	3.27	14.26	≤23.98	PASS
		5200	10.93	47.06	3.27	14.20	≤23.98	PASS
		5240	9.40	47.06	3.27	12.67	≤23.98	PASS
11N40SISO	Ant0	5190	8.59	40.00	3.98	12.57	≤23.98	PASS
		5230	8.25	35.71	4.47	12.72	≤23.98	PASS
11AC20SISO	Ant0	5180	10.13	50.00	3.01	13.14	≤23.98	PASS
		5200	10.03	50.00	3.01	13.04	≤23.98	PASS
		5240	9.61	47.37	3.24	12.85	≤23.98	PASS
11AC40SISO	Ant0	5190	9.04	46.67	3.31	12.35	≤23.98	PASS
		5230	8.59	40.00	3.98	12.57	≤23.98	PASS
11AC80SISO	Ant0	5210	7.99	35.71	4.47	12.46	≤23.98	PASS
11AX20SISO	Ant0	5180	9.99	50.00	3.01	13.00	≤23.98	PASS
		5200	9.93	50.00	3.01	12.94	≤23.98	PASS
		5240	9.47	50.00	3.01	12.48	≤23.98	PASS
11AX40SISO	Ant0	5190	9.30	47.06	3.27	12.57	≤23.98	PASS
		5230	8.94	47.06	3.27	12.21	≤23.98	PASS
11AX80SISO	Ant0	5210	8.63	50.00	3.01	11.64	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	3.39	≤11.00	PASS
		5200	3.37	≤11.00	PASS
		5240	3.27	≤11.00	PASS
11N20SISO	Ant0	5180	3.11	≤11.00	PASS
		5200	3.09	≤11.00	PASS
		5240	1.65	≤11.00	PASS
11N40SISO	Ant0	5190	-0.90	≤11.00	PASS
		5230	-0.93	≤11.00	PASS
11AC20SISO	Ant0	5180	2.06	≤11.00	PASS
		5200	2.10	≤11.00	PASS
		5240	-1.37	≤11.00	PASS
11AC40SISO	Ant0	5190	-1.10	≤11.00	PASS
		5230	-0.82	≤11.00	PASS
11AC80SISO	Ant0	5210	-4.28	≤11.00	PASS
11AX20SISO	Ant0	5180	1.89	≤11.00	PASS
		5200	1.91	≤11.00	PASS
		5240	1.50	≤11.00	PASS
11AX40SISO	Ant0	5190	-1.05	≤11.00	PASS
		5230	-1.52	≤11.00	PASS
11AX80SISO	Ant0	5210	-5.39	≤11.00	PASS

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

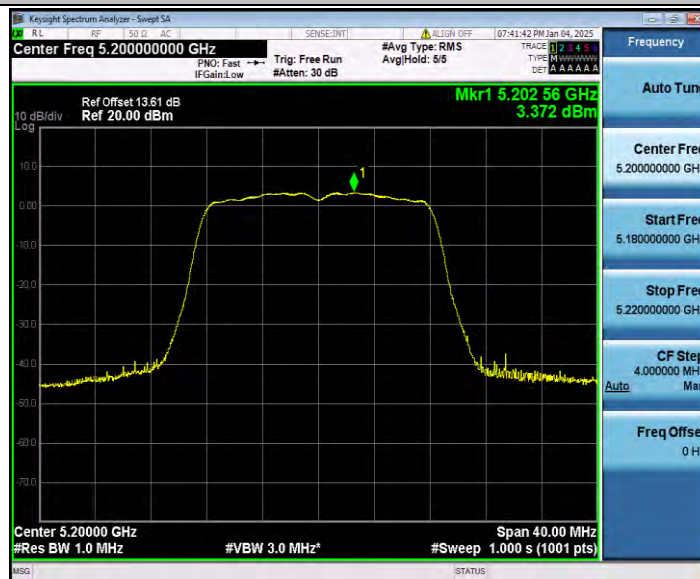
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant0_5180



11A_Ant0_5200



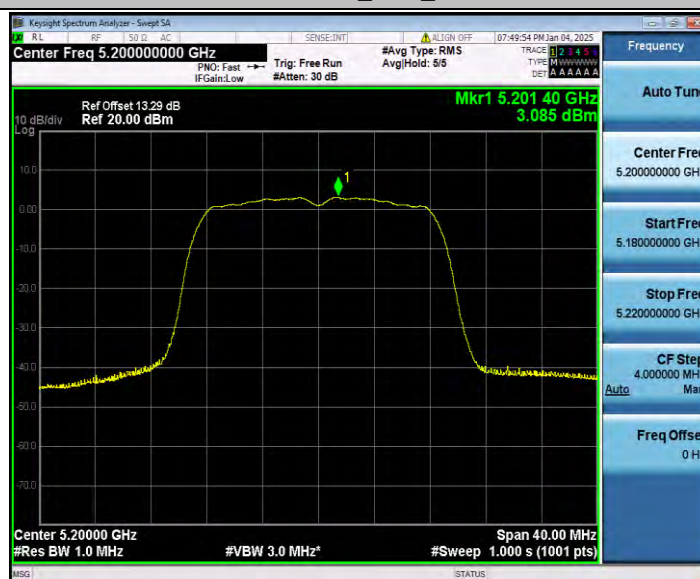
11A_Ant0_5240



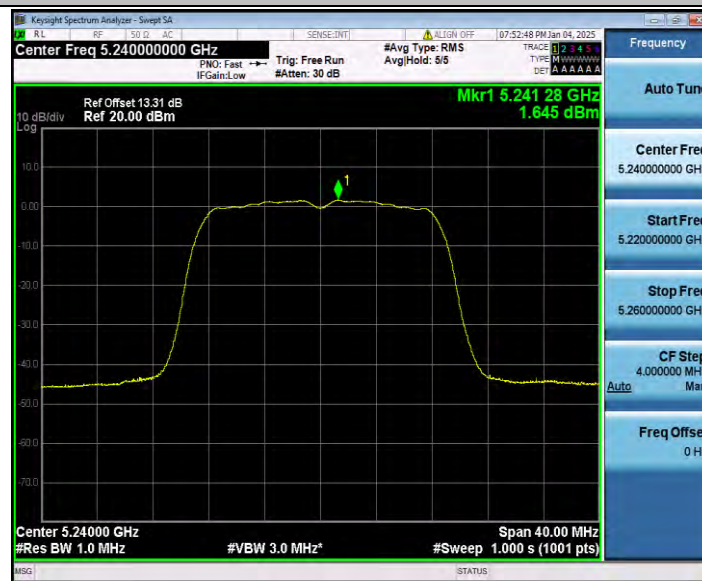
11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



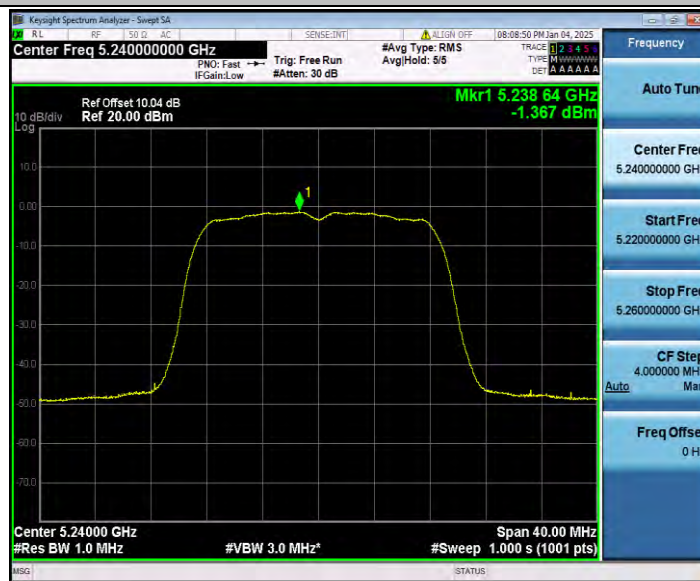
11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



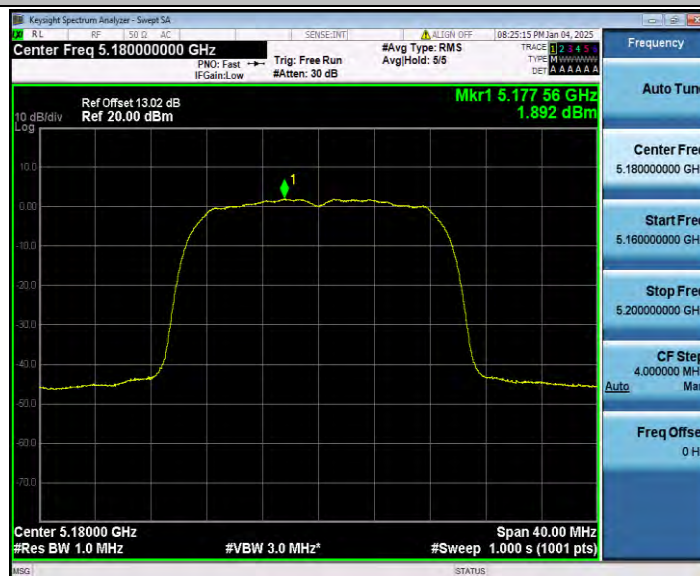
11AC40SISO_Ant0_5230



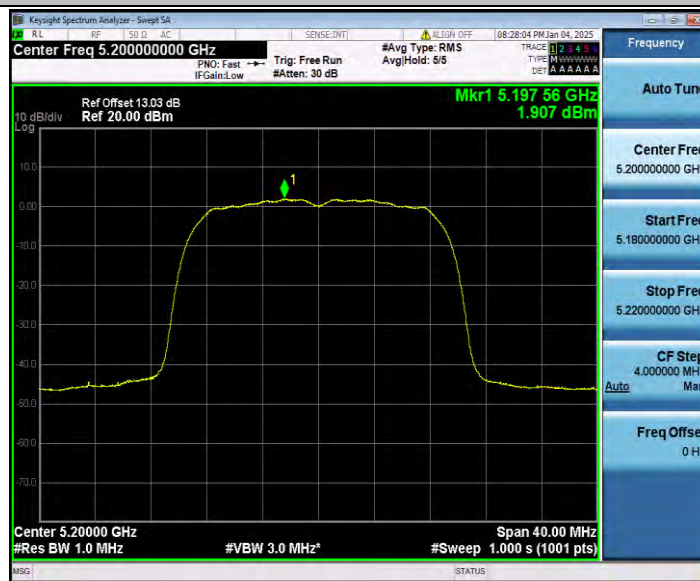
11AC80SISO_Ant0_5210



11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210



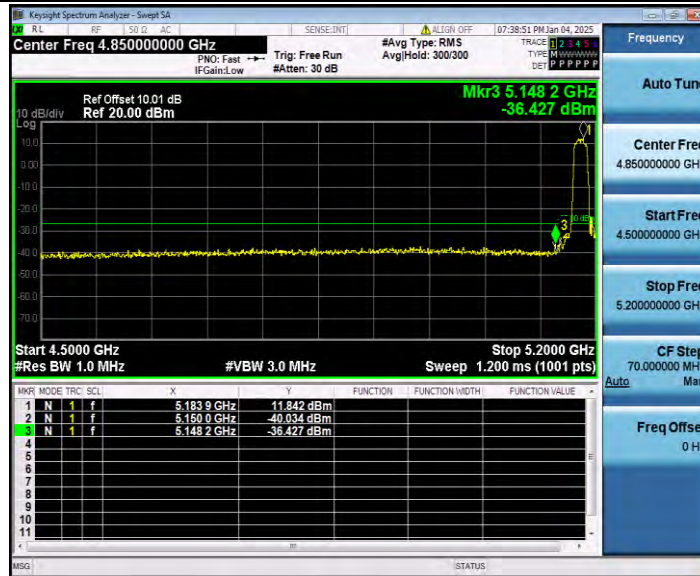
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-36.43	≤ -27	PASS
		High	5240	-37.83	≤ -27	PASS
11N20SISO	Ant0	Low	5180	-30.47	≤ -27	PASS
		High	5240	-37.91	≤ -27	PASS
11N40SISO	Ant0	Low	5190	-32.7	≤ -27	PASS
		High	5230	-37.42	≤ -27	PASS
11AC20SISO	Ant0	Low	5180	-36.78	≤ -27	PASS
		High	5240	-36.87	≤ -27	PASS
11AC40SISO	Ant0	Low	5190	-32.7	≤ -27	PASS
		High	5230	-37.57	≤ -27	PASS
11AC80SISO	Ant0	Low	5210	-31.93	≤ -27	PASS
		High	5210	-37.21	≤ -27	PASS
11AX20SISO	Ant0	Low	5180	-36.95	≤ -27	PASS
		High	5240	-37.36	≤ -27	PASS
11AX40SISO	Ant0	Low	5190	-37.1	≤ -27	PASS
		High	5230	-37.41	≤ -27	PASS
11AX80SISO	Ant0	Low	5210	-32.76	≤ -27	PASS
		High	5210	-37.21	≤ -27	PASS

Test Graphs B1

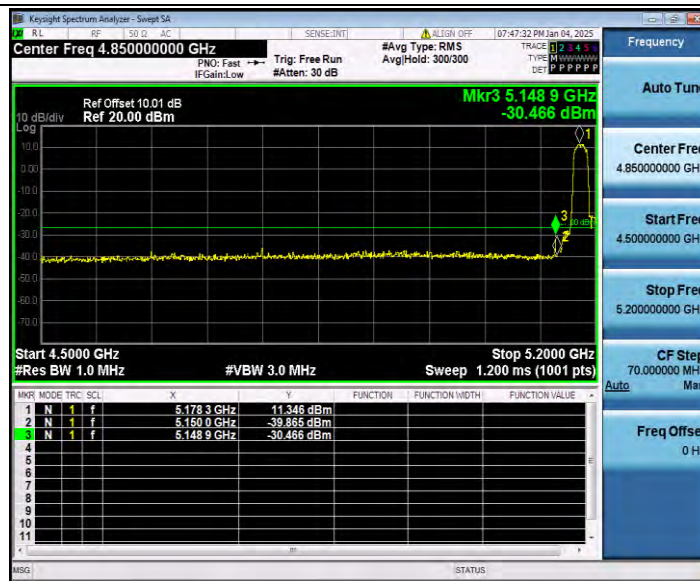
11A_Ant0_Low_5180



11A_Ant0_High_5240



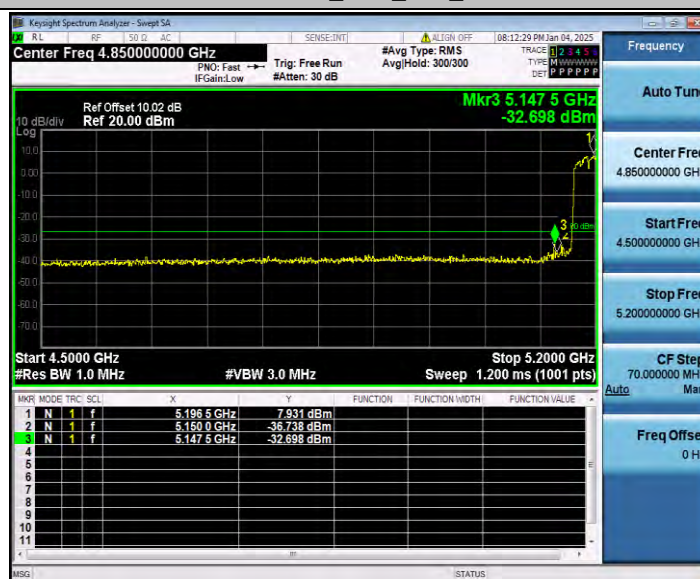
11N20SISO_Ant0_Low_5180



11N20SISO_Ant0_High_5240



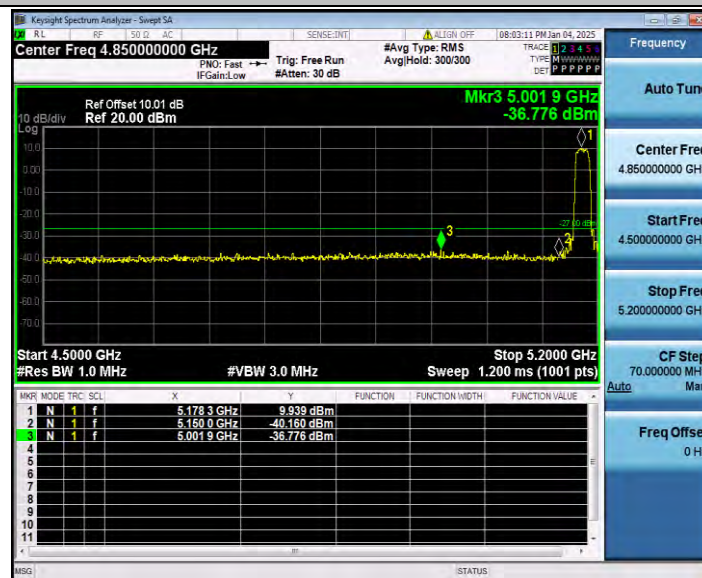
11N40SISO_Ant0_Low_5190



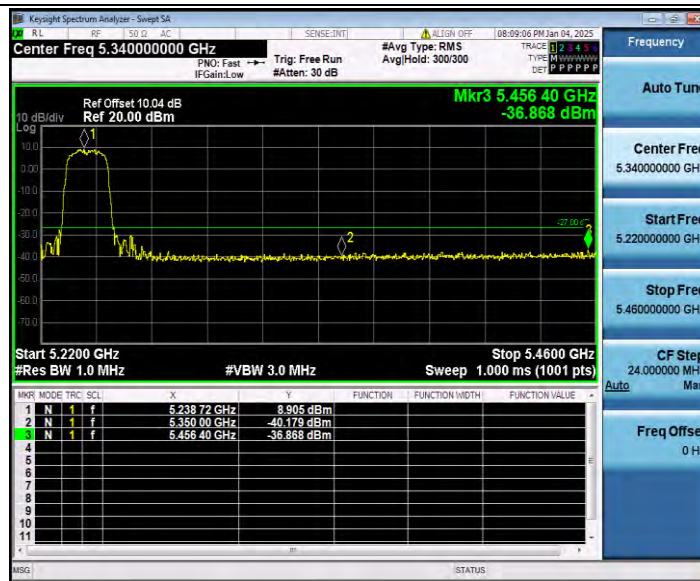
11N40SISO_Ant0_High_5230



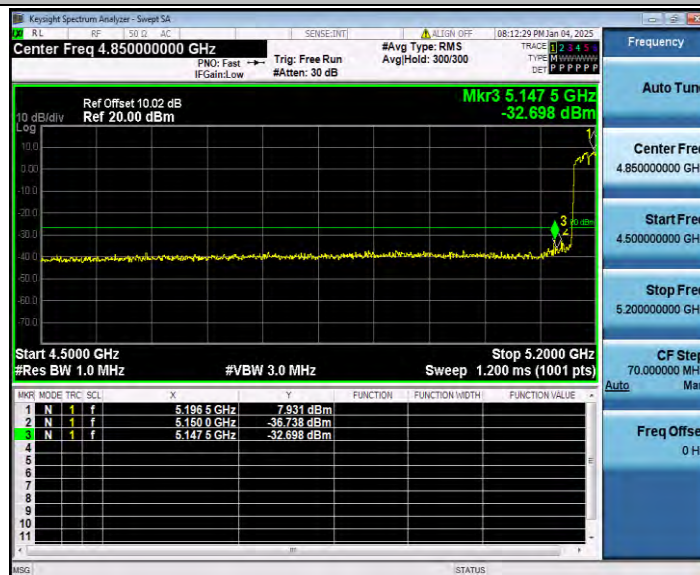
11AC20SISO_Ant0_Low_5180



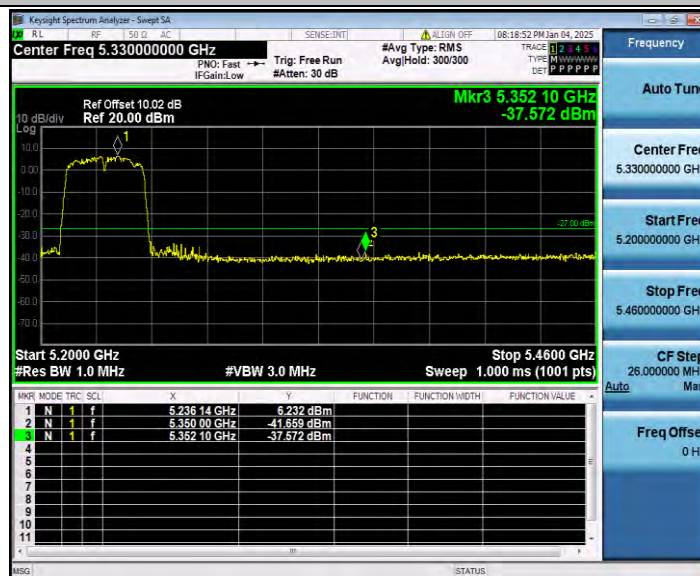
11AC20SISO_Ant0_High_5240



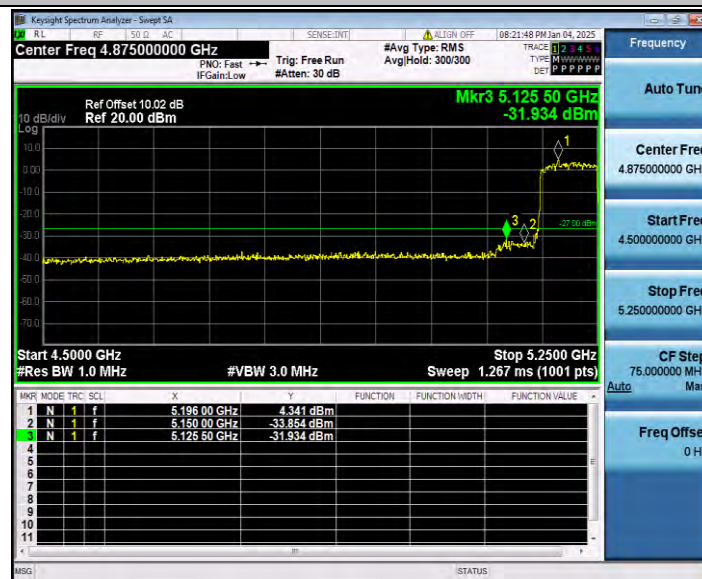
11AC40SISO_Ant0_Low_5190



11AC40SISO_Ant0_High_5230



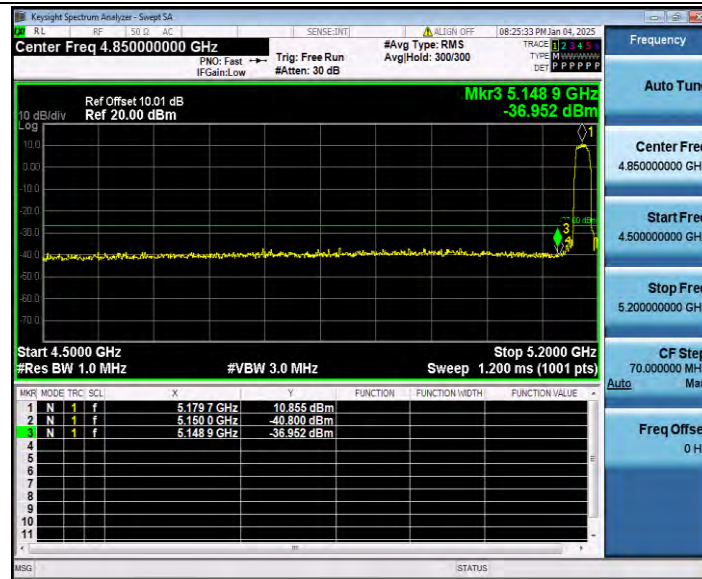
11AC80SISO_Ant0_Low_5210



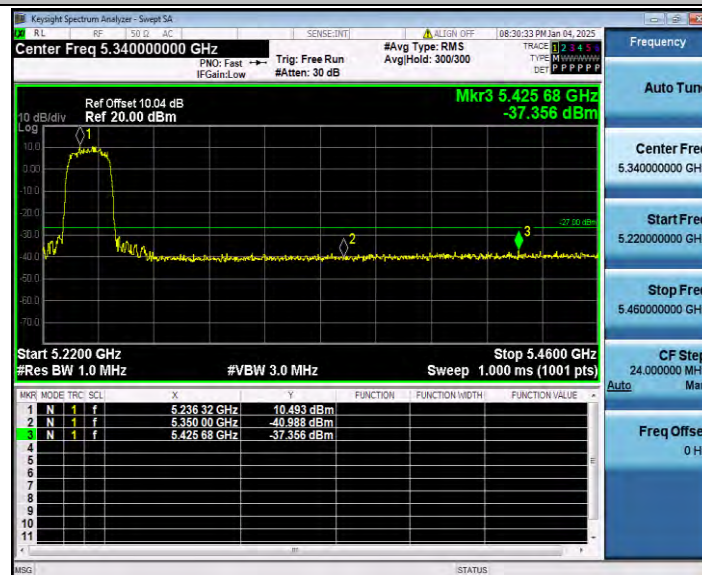
11AC80SISO_Ant0_High_5210



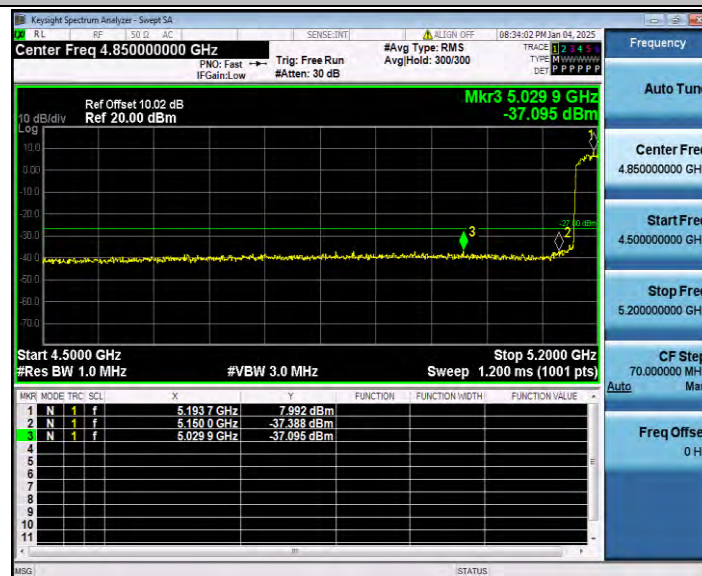
11AX20SISO_Ant0_Low_5180



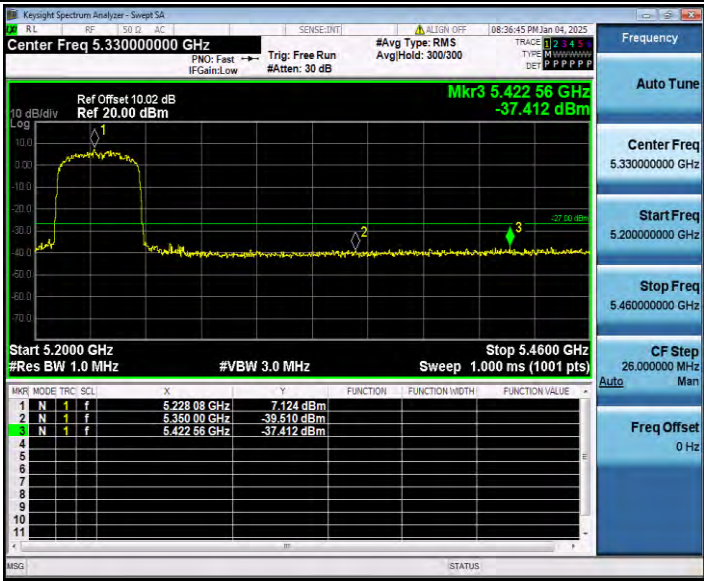
11AX20SISO_Ant0_High_5240



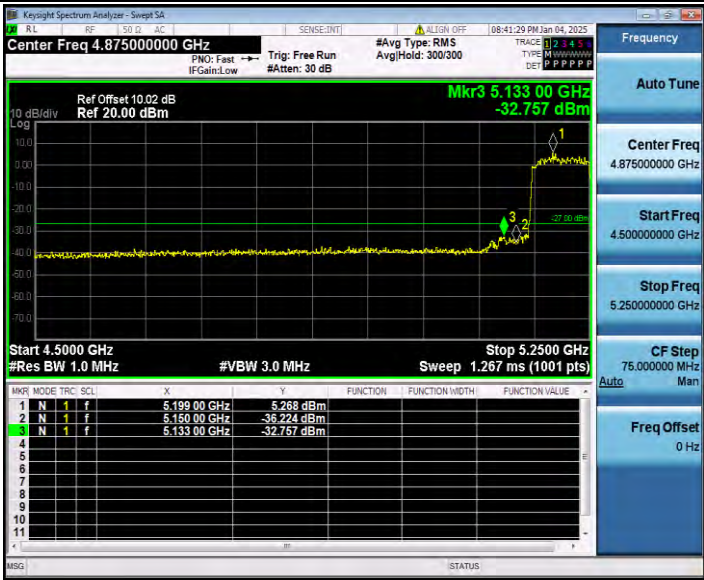
11AX40SISO_Ant0_Low_5190



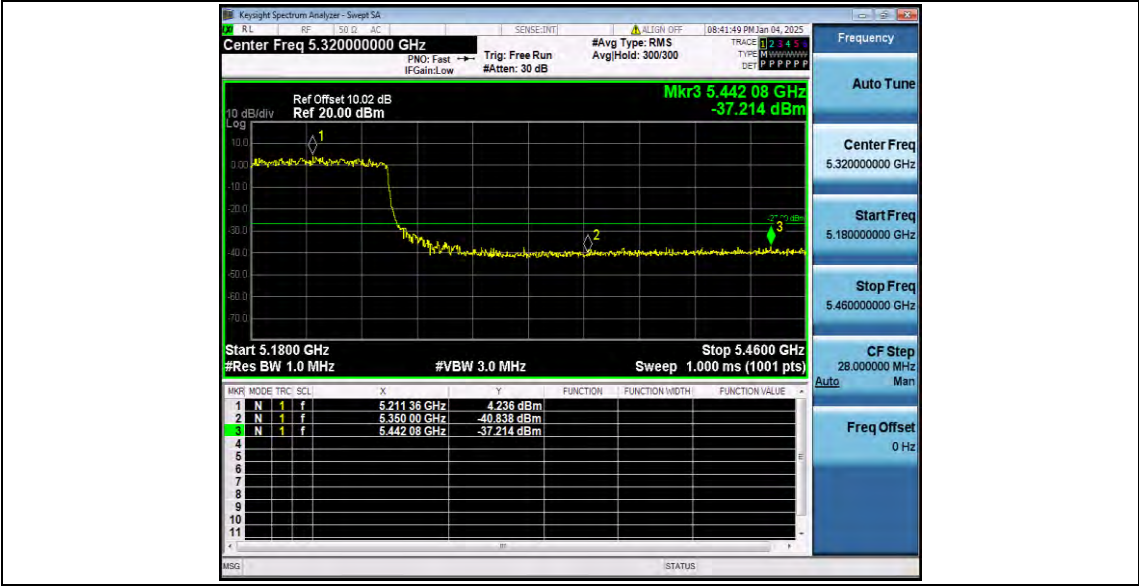
11AX40SISO_Ant0_High_5230



11AX80SISO_Ant0_Low_5210



11AX80SISO_Ant0_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	Ant0	5180	30~5140	5019.57	-43.7	≤-27	PASS
			5360~27000	24205.55	-36.87	≤-27	PASS
		5200	30~5140	5036.95	-44.77	≤-27	PASS
			5360~27000	23520.29	-36.93	≤-27	PASS
		5240	30~5140	4996.07	-45.07	≤-27	PASS
			5360~27000	23479.17	-36.39	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	5134.38	-44.42	≤-27	PASS
			5360~27000	25193.78	-36.64	≤-27	PASS
		5200	30~5140	5046.32	-45.02	≤-27	PASS
			5360~27000	23525.34	-36.4	≤-27	PASS
		5240	30~5140	5073.57	-45.79	≤-27	PASS
			5360~27000	26039.18	-37.49	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	5138.98	-33.34	≤-27	PASS
			5360~27000	26103.38	-37.09	≤-27	PASS
		5230	30~5140	4981.42	-45.7	≤-27	PASS
			5360~27000	23613.34	-37.29	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	5137.96	-42.81	≤-27	PASS
			5360~27000	26555.66	-37.22	≤-27	PASS
		5200	30~5140	5038.99	-45.53	≤-27	PASS
			5360~27000	26003.84	-36.92	≤-27	PASS
		5240	30~5140	5012.25	-46.03	≤-27	PASS
			5360~27000	23590.98	-37.21	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5137.27	-41.72	≤-27	PASS
			5360~27000	24387.33	-37.6	≤-27	PASS
		5230	30~5140	5032.52	-46.1	≤-27	PASS
			5360~27000	26552.05	-36.34	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5131.82	-31.87	≤-27	PASS
			5360~27000	24833.11	-37.33	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5134.04	-43.1	≤-27	PASS
			5360~27000	25569.6	-37.33	≤-27	PASS
		5200	30~5140	5038.48	-45.02	≤-27	PASS
			5360~27000	26559.27	-37.27	≤-27	PASS
		5240	30~5140	5084.98	-45.57	≤-27	PASS
			5360~27000	26891.08	-37.09	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	5139.32	-42.12	≤-27	PASS
			5360~27000	26479.2	-37.06	≤-27	PASS

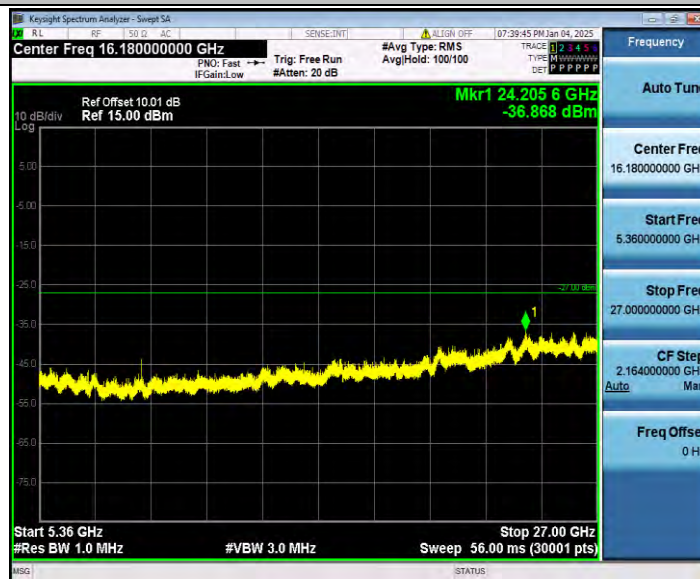
		5230	30~5140	5084.64	-45.6	≤ -27	PASS
			5360~27000	23572.95	-36.99	≤ -27	PASS
11AX80SISO	Ant0	5210	30~5140	5132.51	-35.76	≤ -27	PASS
			5360~27000	23587.37	-37.69	≤ -27	PASS

Test Graphs

11A_Ant0_5180_30~5140



11A_Ant0_5180_5360~27000



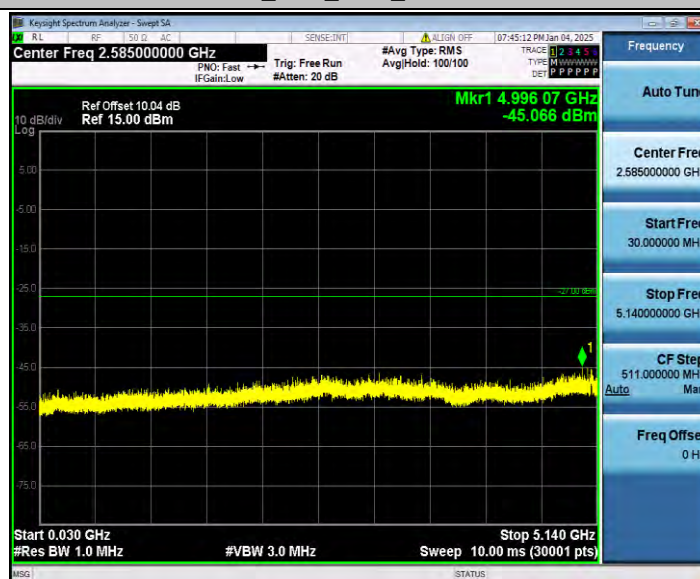
11A_Ant0_5200_30~5140



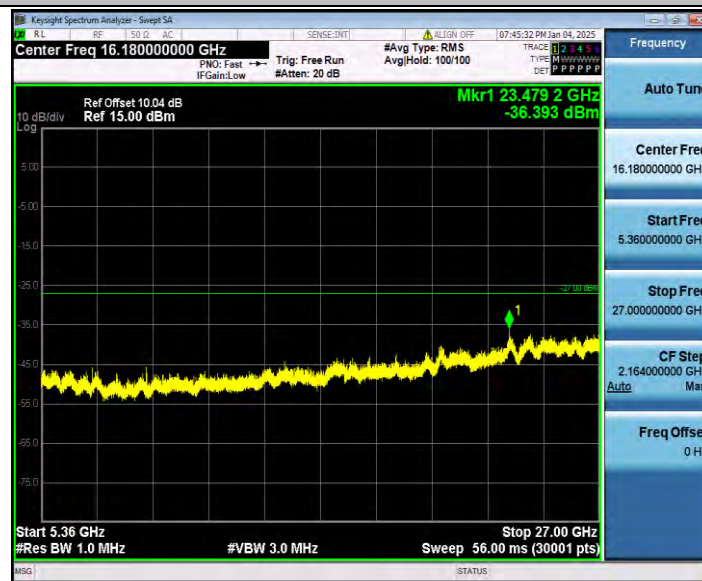
11A_Ant0_5200_5360~27000



11A_Ant0_5240_30~5140



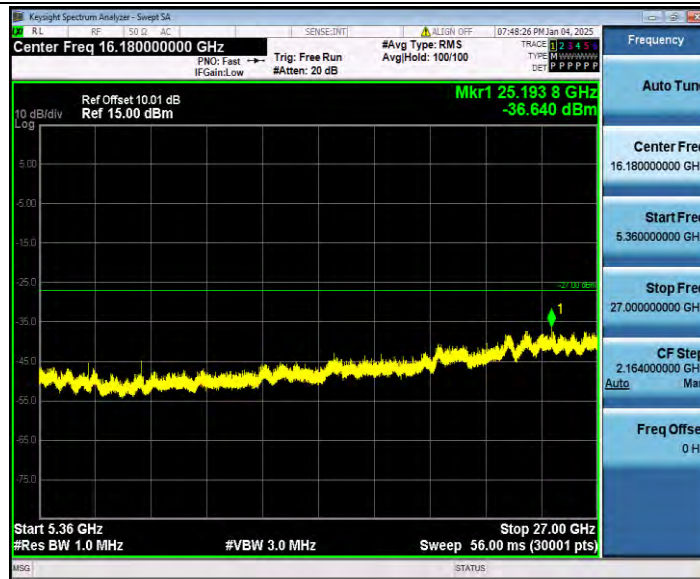
11A_Ant0_5240_5360~27000



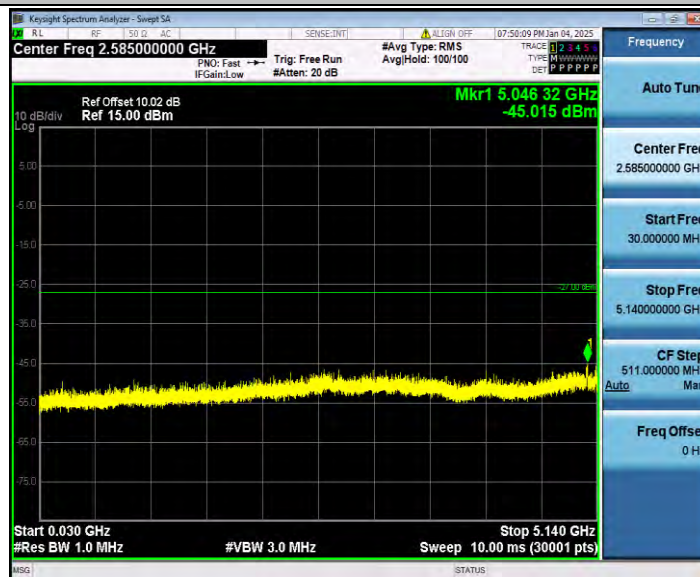
11N20SISO_Ant0_5180_30~5140



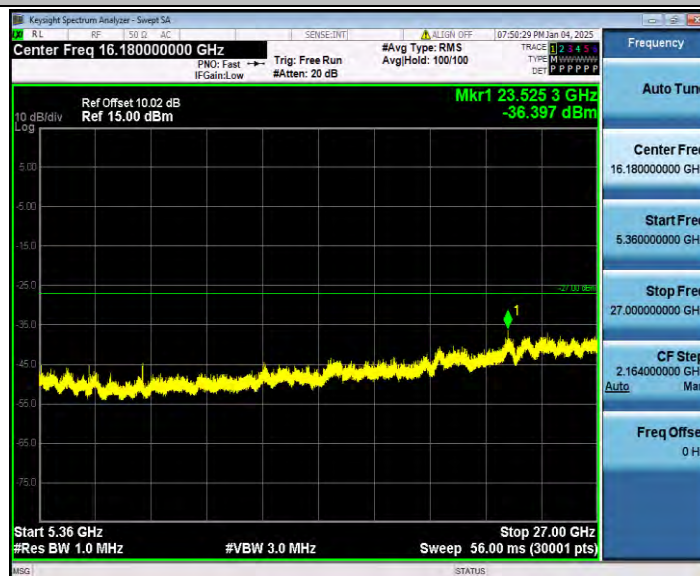
11N20SISO_Ant0_5180_5360~27000



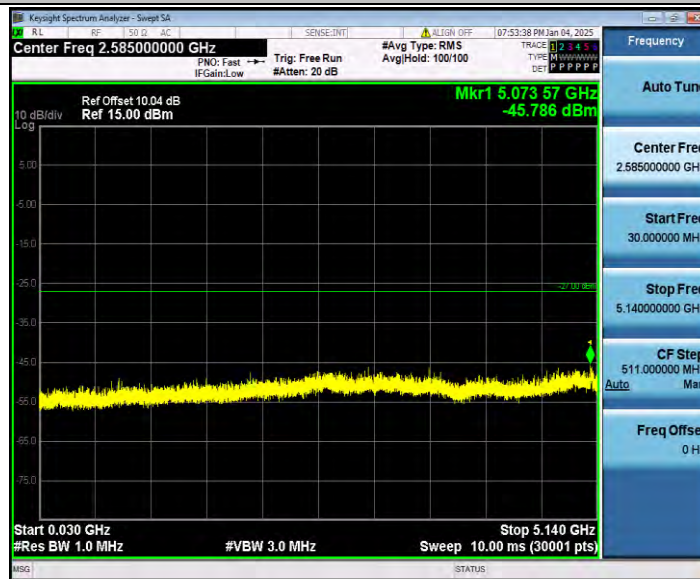
11N20SISO_Ant0_5200_30~5140



11N20SISO_Ant0_5200_5360~27000



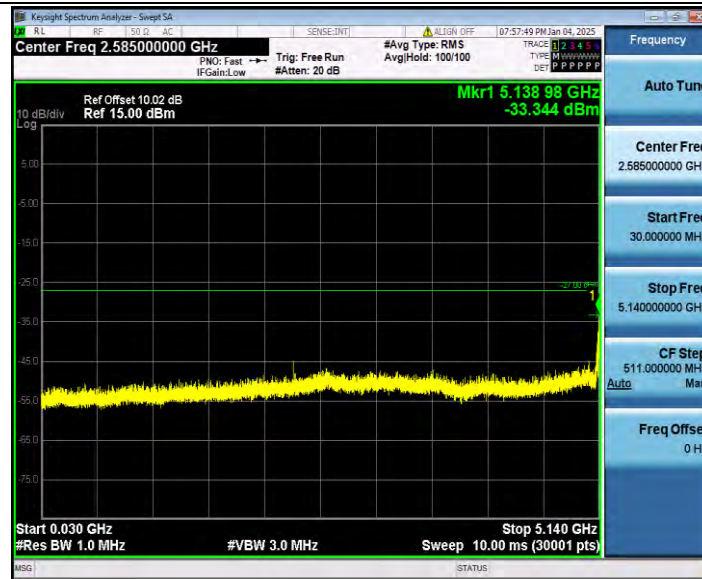
11N20SISO_Ant0_5240_30~5140



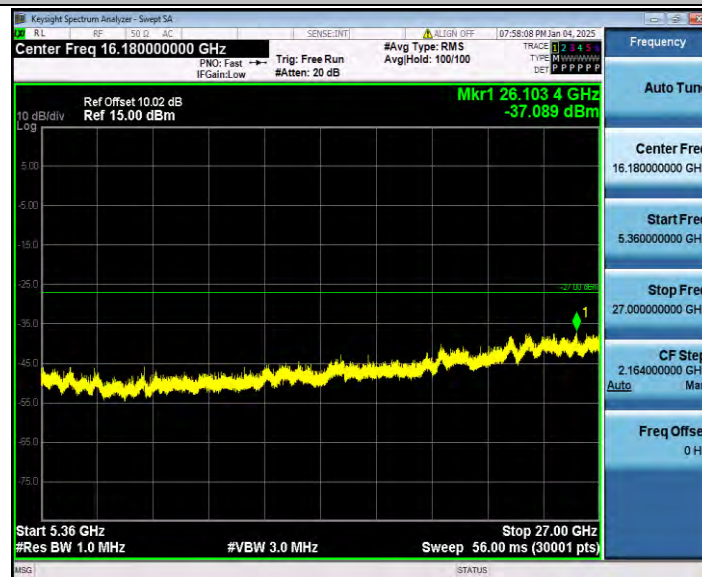
11N20SISO_Ant0_5240_5360~27000



11N40SISO_Ant0_5190_30~5140



11N40SISO_Ant0_5190_5360~27000



11N40SISO_Ant0_5230_30~5140



11N40SISO_Ant0_5230_5360~27000



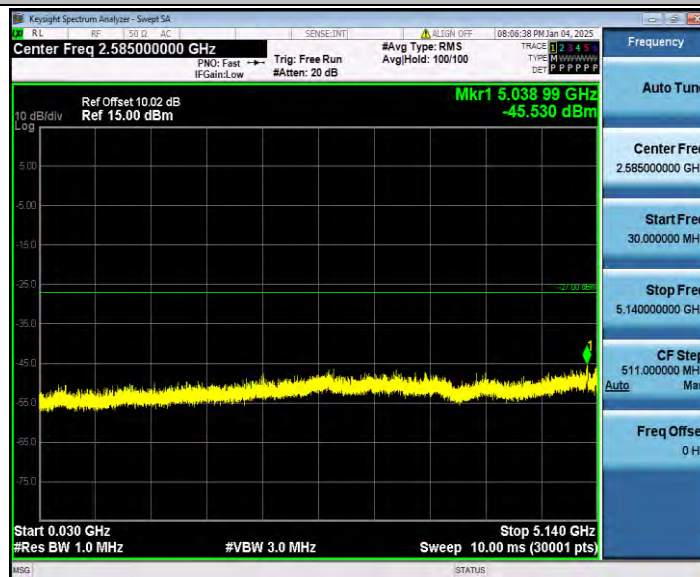
11AC20SISO_Ant0_5180_30~5140



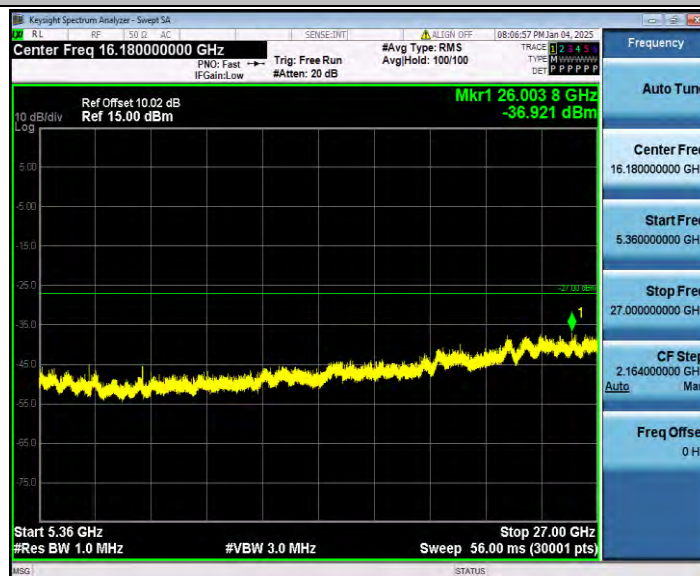
11AC20SISO_Ant0_5180_5360~27000



11AC20SISO_Ant0_5200_30~5140



11AC20SISO_Ant0_5200_5360~27000



11AC20SISO_Ant0_5240_30~5140



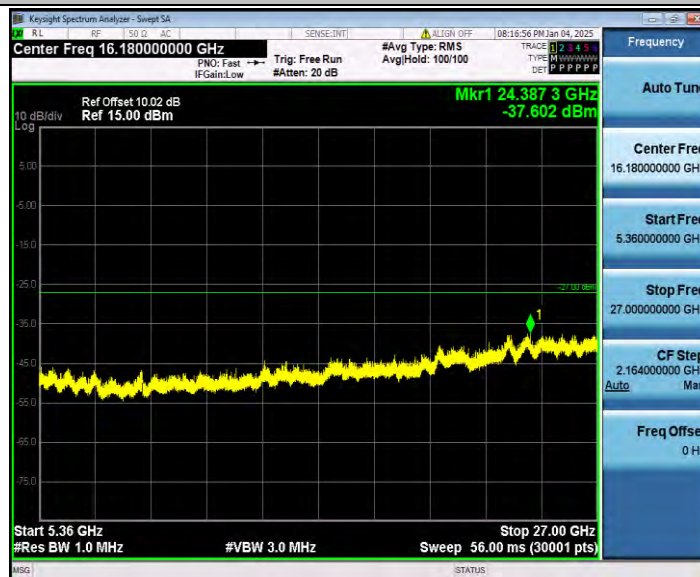
11AC20SISO_Ant0_5240_5360~27000



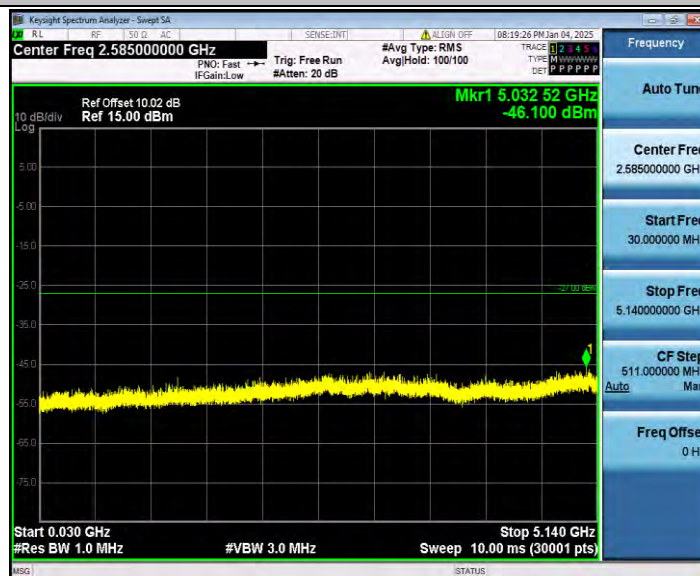
11AC40SISO_Ant0_5190_30~5140



11AC40SISO_Ant0_5190_5360~27000



11AC40SISO_Ant0_5230_30~5140



11AC40SISO_Ant0_5230_5360~27000



11AC80SISO_Ant0_5210_30~5140



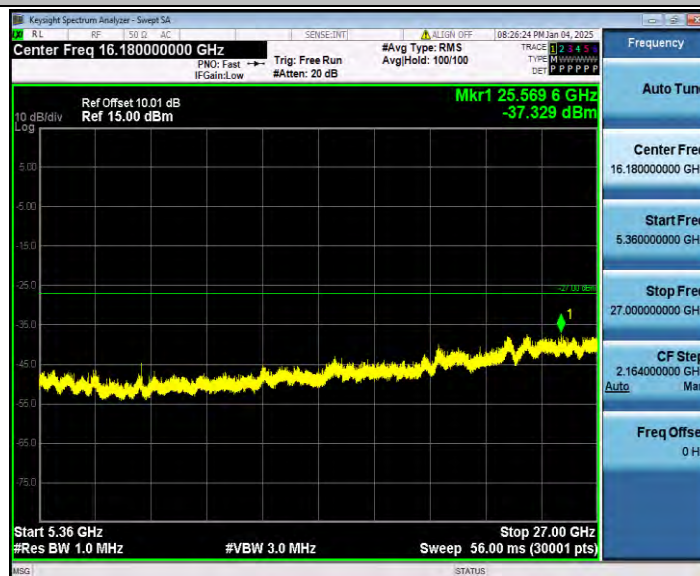
11AC80SISO_Ant0_5210_5360~27000



11AX20SISO_Ant0_5180_30~5140



11AX20SISO_Ant0_5180_5360~27000



11AX20SISO_Ant0_5200_30~5140



11AX20SISO_Ant0_5200_5360~27000



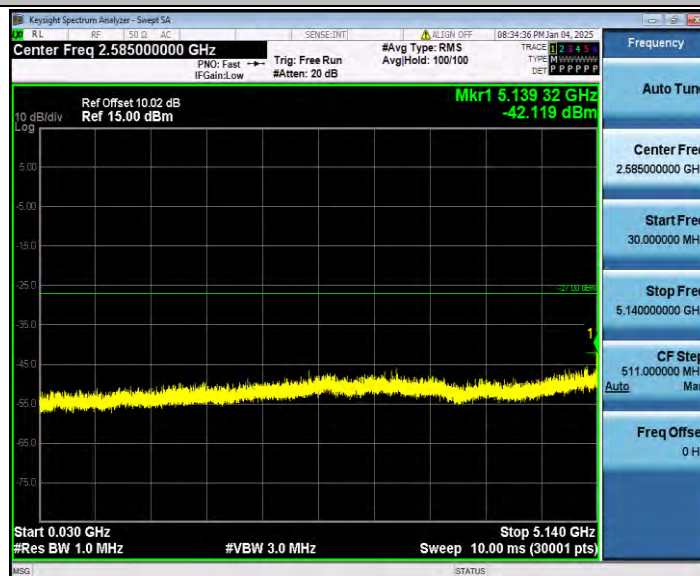
11AX20SISO_Ant0_5240_30~5140

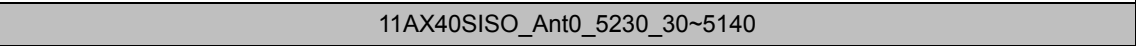
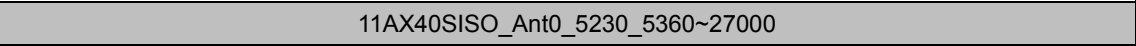


11AX20SISO_Ant0_5240_5360~27000



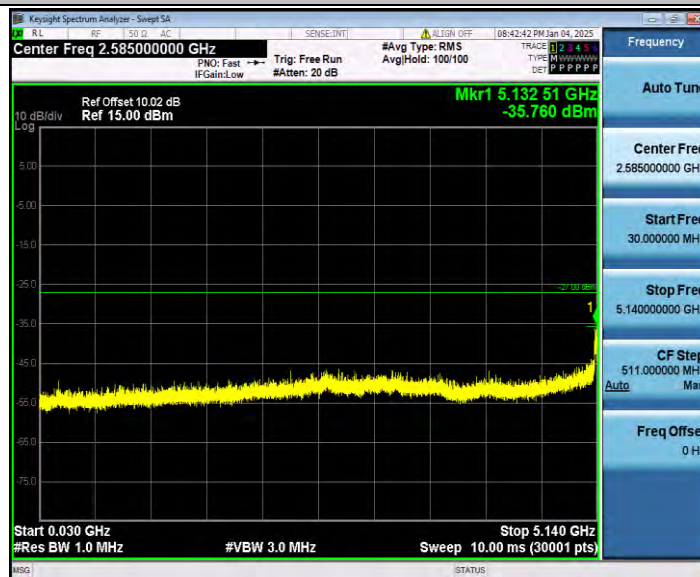
11AX40SISO_Ant0_5190_30~5140







11AX80SISO_Ant0_5210_30~5140



11AX80SISO_Ant0_5210_5360~27000

