

Appendix F.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	5500	7.07	40.00	3.98	11.05	≤23.98	PASS
		5580	6.69	43.75	3.59	10.28	≤23.98	PASS
		5700	8.07	40.00	3.98	12.05	≤23.98	PASS
11N20SISO	Ant0	5500	7.50	47.06	3.27	10.77	≤23.98	PASS
		5580	7.20	47.06	3.27	10.47	≤23.98	PASS
		5700	8.32	43.75	3.59	11.91	≤23.98	PASS
11N40SISO	Ant0	5510	5.84	35.71	4.47	10.31	≤23.98	PASS
		5590	5.70	35.71	4.47	10.17	≤23.98	PASS
		5670	6.37	35.71	4.47	10.84	≤23.98	PASS
11AC20SISO	Ant0	5500	7.27	50.00	3.01	10.28	≤23.98	PASS
		5580	6.85	47.06	3.27	10.12	≤23.98	PASS
		5700	8.06	50.00	3.01	11.07	≤23.98	PASS
11AC40SISO	Ant0	5510	6.59	41.80	3.85	10.44	≤23.98	PASS
		5590	6.51	40.00	3.98	10.49	≤23.98	PASS
		5670	7.36	40.00	3.98	11.34	≤23.98	PASS
11AC80SISO	Ant0	5530	5.51	35.71	4.47	9.98	≤23.98	PASS
		5610	5.60	35.71	4.47	10.07	≤23.98	PASS
11AX20SISO	Ant0	5500	7.90	50.00	3.01	10.91	≤23.98	PASS
		5580	7.63	50.00	3.01	10.64	≤23.98	PASS
		5700	9.07	50.00	3.01	12.08	≤23.98	PASS
11AX40SISO	Ant0	5510	6.79	52.94	2.76	9.55	≤23.98	PASS
		5590	6.92	52.94	2.76	9.68	≤23.98	PASS
		5670	7.58	52.94	2.76	10.34	≤23.98	PASS
11AX80SISO	Ant0	5530	7.53	43.75	3.59	11.12	≤23.98	PASS
		5610	7.63	47.06	3.27	10.90	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

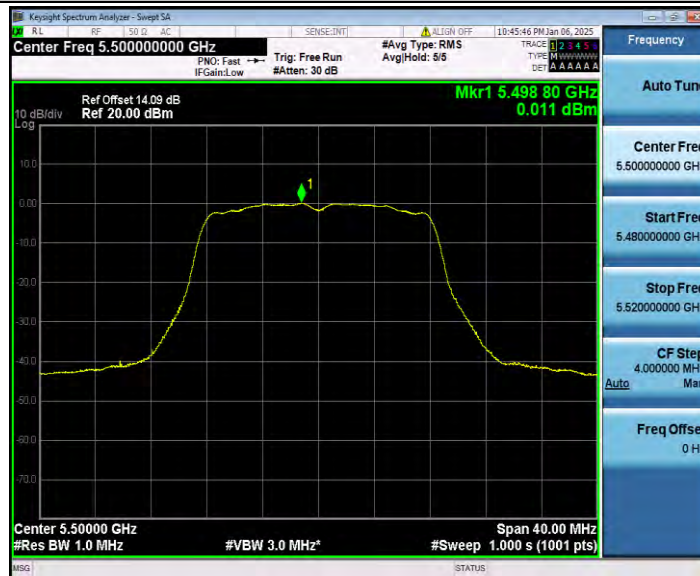
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	0.01	≤11.00	PASS
		5580	-0.53	≤11.00	PASS
		5700	1.28	≤11.00	PASS
11N20SISO	Ant0	5500	-0.39	≤11.00	PASS
		5580	-0.81	≤11.00	PASS
		5700	0.99	≤11.00	PASS
11N40SISO	Ant0	5510	-3.17	≤11.00	PASS
		5590	-3.38	≤11.00	PASS
		5670	-2.53	≤11.00	PASS
11AC20SISO	Ant0	5500	-1.14	≤11.00	PASS
		5580	-0.98	≤11.00	PASS
		5700	0.26	≤11.00	PASS
11AC40SISO	Ant0	5510	-6.67	≤11.00	PASS
		5590	-2.82	≤11.00	PASS
		5670	-1.89	≤11.00	PASS
11AC80SISO	Ant0	5530	-6.34	≤11.00	PASS
		5610	-6.37	≤11.00	PASS
11AX20SISO	Ant0	5500	-0.12	≤11.00	PASS
		5580	-0.28	≤11.00	PASS
		5700	1.28	≤11.00	PASS
11AX40SISO	Ant0	5510	-4.19	≤11.00	PASS
		5590	-4.22	≤11.00	PASS
		5670	-3.37	≤11.00	PASS
11AX80SISO	Ant0	5530	-5.53	≤11.00	PASS
		5610	-5.80	≤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

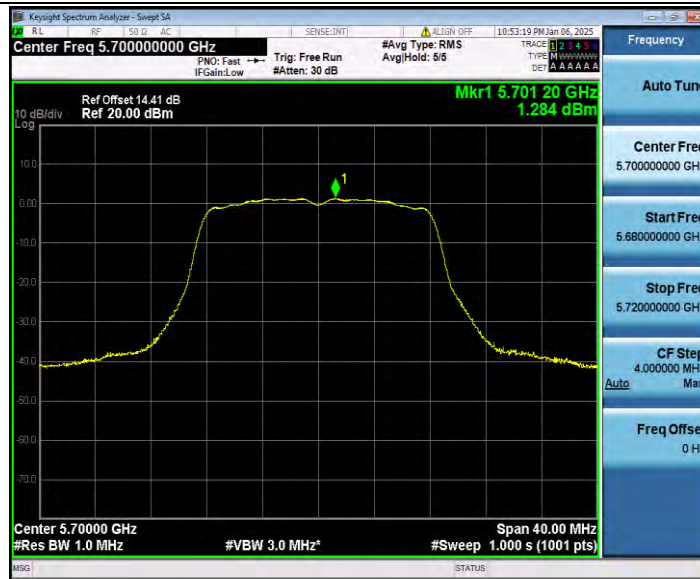
11A_Ant0_5500



11A_Ant0_5580



11A_Ant0_5700



11N20SISO_Ant0_5500



11N20SISO_Ant0_5580



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5580



11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



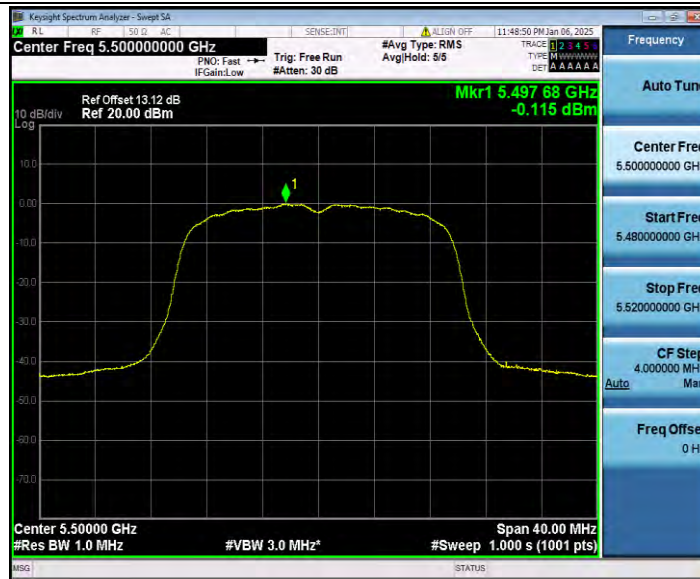
11AC80SISO_Ant0_5530



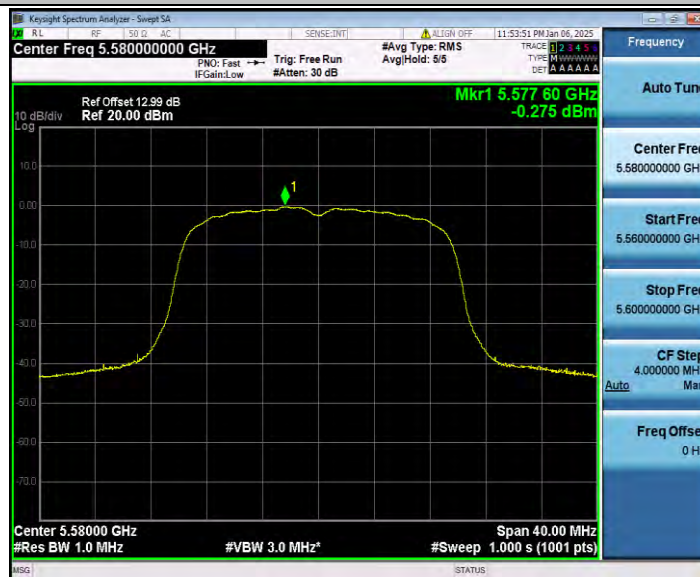
11AC80SISO_Ant0_5610



11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5580



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610



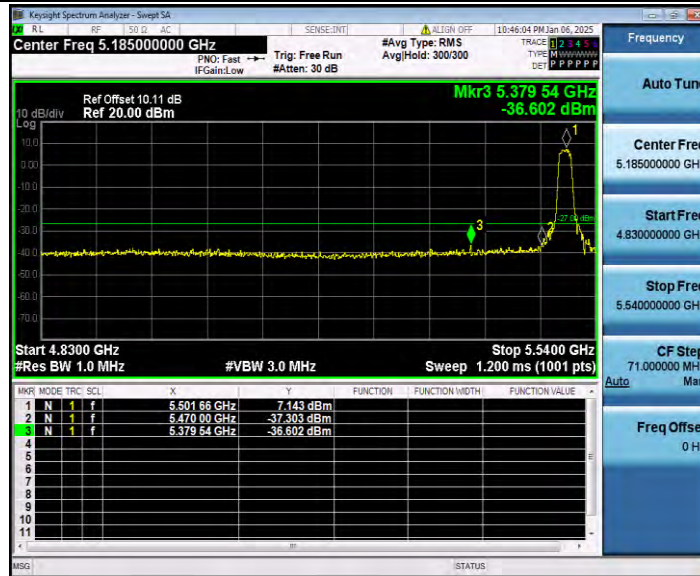
Appendix F.6: Band edge measurements

Test Result B3

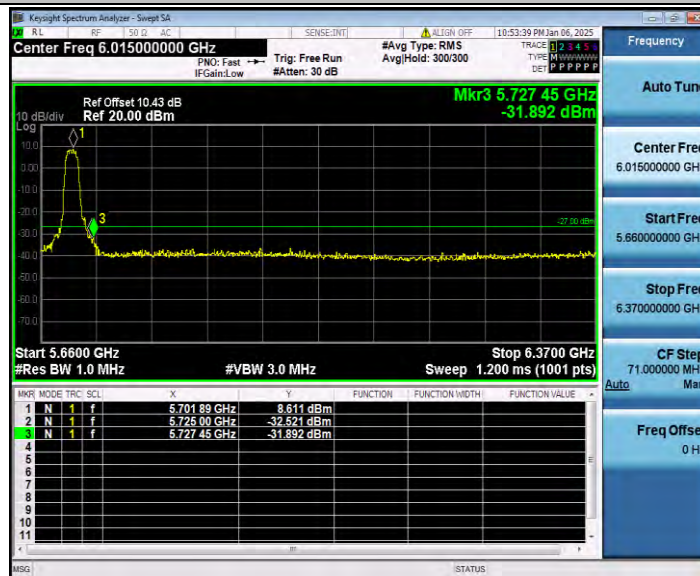
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-36.6	≤ -27	PASS
		High	5700	-31.89	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-37.61	≤ -27	PASS
		High	5700	-32.17	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-33.34	≤ -27	PASS
		High	5670	-31.02	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-32.91	≤ -27	PASS
		High	5700	-32.79	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-36.11	≤ -27	PASS
		High	5670	-31.51	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-34.22	≤ -27	PASS
		High	5610	-37.46	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-37.01	≤ -27	PASS
		High	5700	-33.3	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-36.83	≤ -27	PASS
		High	5670	-34.83	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-30.93	≤ -27	PASS
		High	5610	-37.76	≤ -27	PASS

Test Graphs B3

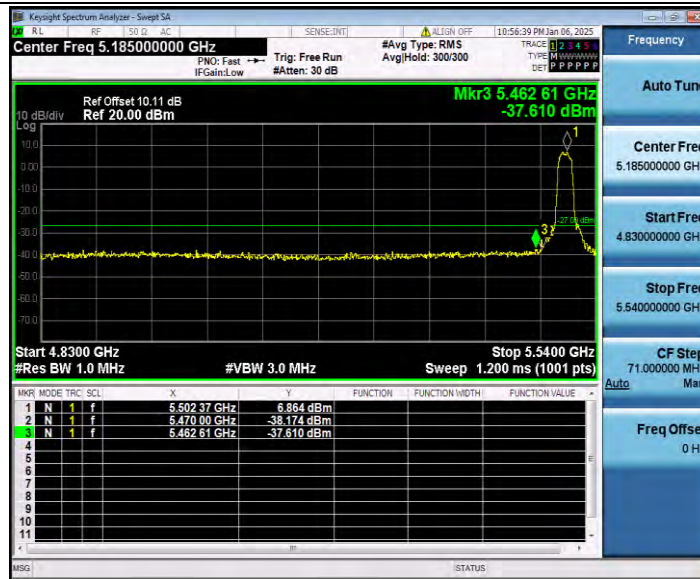
11A_Ant0_Low_5500



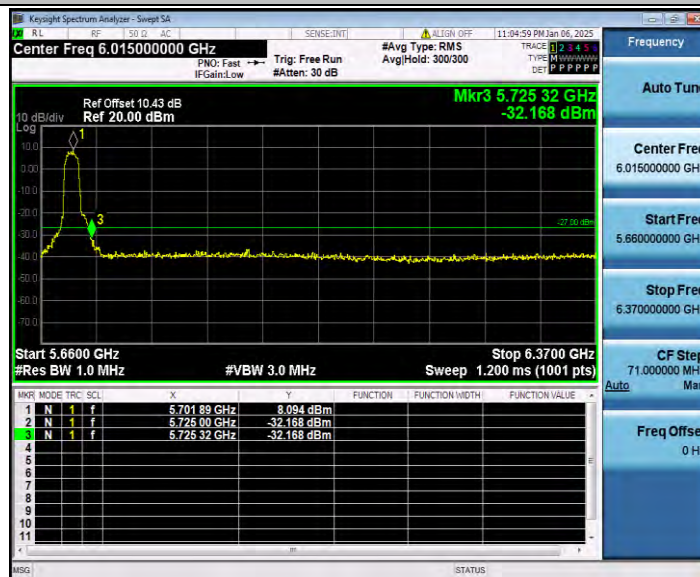
11A_Ant0_High_5700



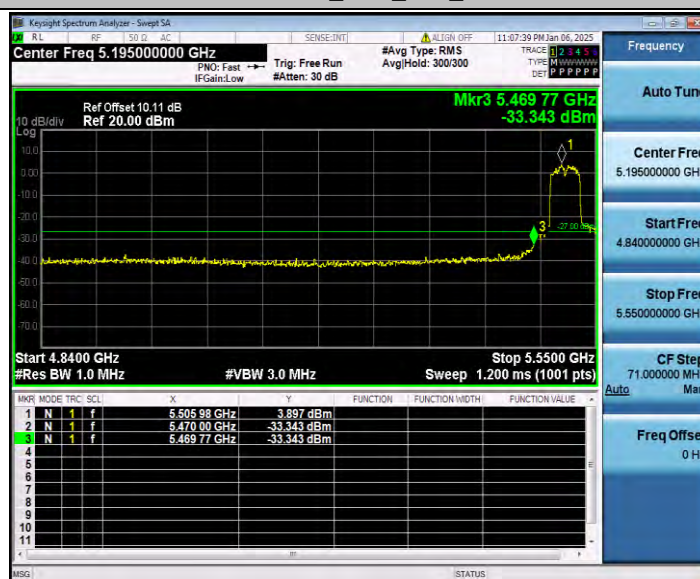
11N20SISO_Ant0_Low_5500



11N20SISO_Ant0_High_5700



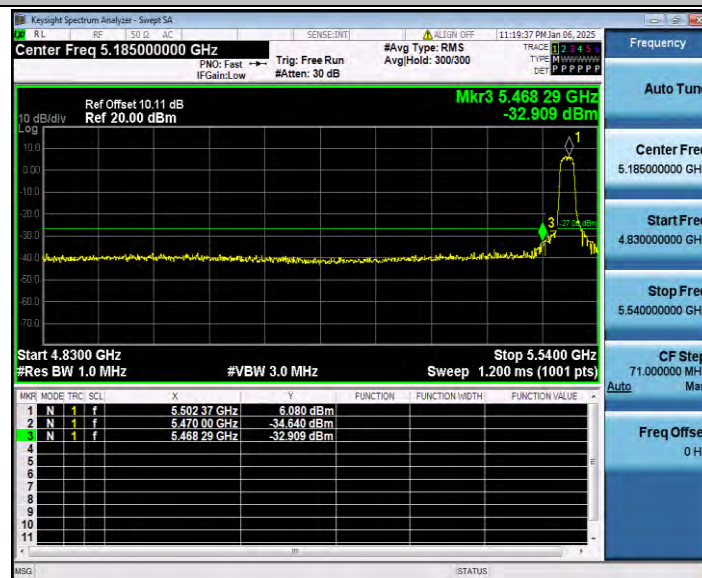
11N40SISO_Ant0_Low_5510



11N40SISO_Ant0_High_5670



11AC20SISO_Ant0_Low_5500



11AC20SISO_Ant0_High_5700



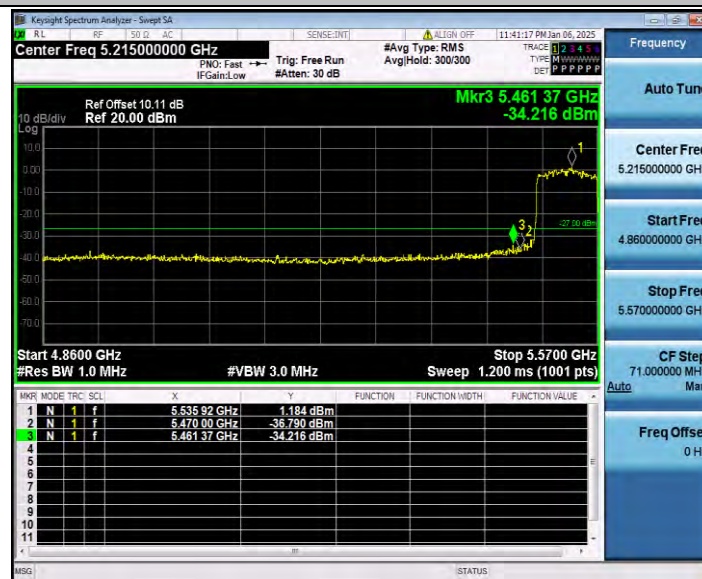
11AC40SISO_Ant0_Low_5510



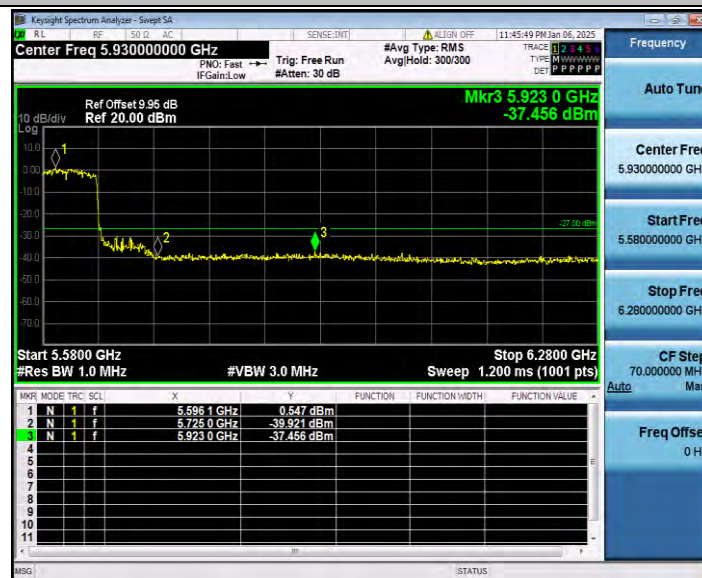
11AC40SISO_Ant0_High_5670



11AC80SISO_Ant0_Low_5530



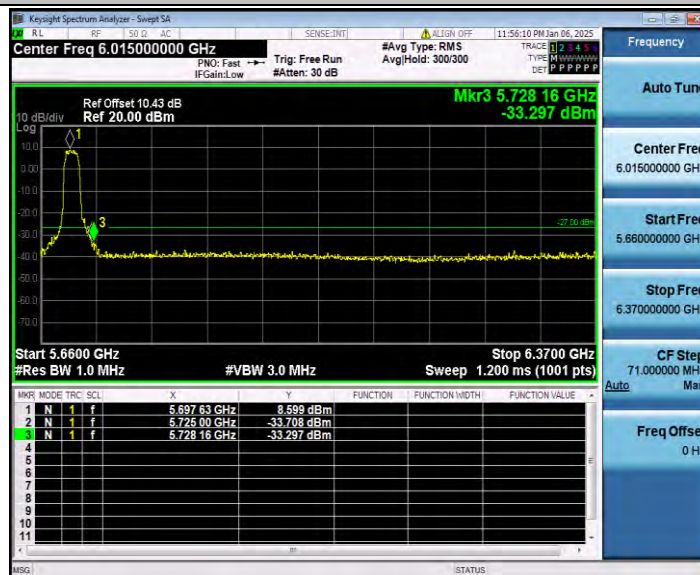
11AC80SISO_Ant0_High_5610



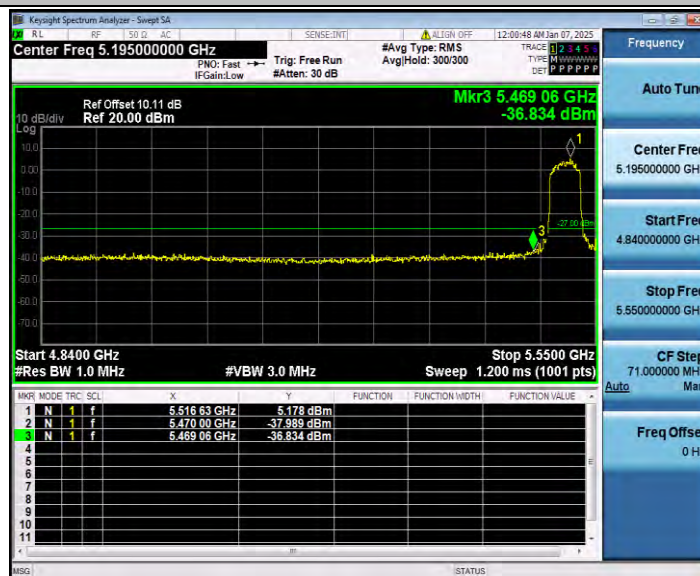
11AX20SISO_Ant0_Low_5500



11AX20SISO_Ant0_High_5700



11AX40SISO_Ant0_Low_5510



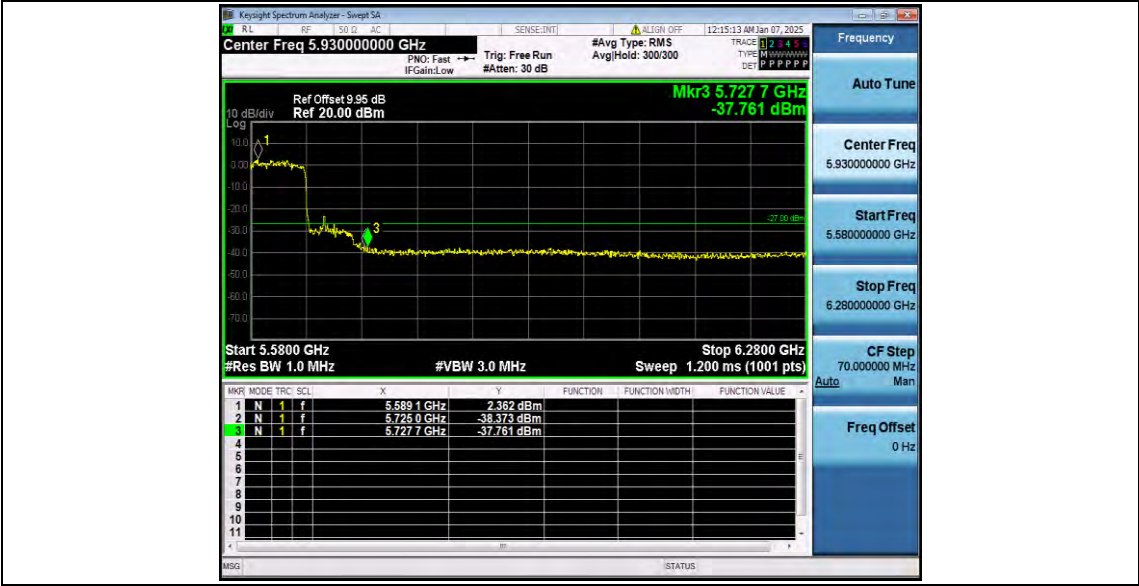
11AX40SISO_Ant0_High_5670



11AX80SISO_Ant0_Low_5530



11AX80SISO_Ant0_High_5610



Appendix F.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5456.56	-43.2	≤-27	PASS
			5735~27000	26528.63	-36.23	≤-27	PASS
		5580	30~5460	5416.38	-45.2	≤-27	PASS
			5735~27000	24288.71	-37.02	≤-27	PASS
		5700	30~5460	5001.71	-46.18	≤-27	PASS
			5735~27000	24232.01	-36.67	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5453.12	-43.16	≤-27	PASS
			5735~27000	23504.74	-36.95	≤-27	PASS
		5580	30~5460	1759.64	-43.38	≤-27	PASS
			5735~27000	24689.2	-37.52	≤-27	PASS
		5700	30~5460	1763.26	-39.8	≤-27	PASS
			5735~27000	24247.6	-36.51	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5458.91	-37.67	≤-27	PASS
			5735~27000	24290.13	-36.83	≤-27	PASS
		5590	30~5460	833.46	-39.81	≤-27	PASS
			5735~27000	24358.89	-37.32	≤-27	PASS
		5670	30~5460	832.92	-39.41	≤-27	PASS
			5735~27000	5737.13	-34.14	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5458.19	-37.61	≤-27	PASS
			5735~27000	25961.56	-36.93	≤-27	PASS
		5580	30~5460	5415.84	-45.33	≤-27	PASS
			5735~27000	26870.28	-37.59	≤-27	PASS
		5700	30~5460	5389.59	-45.16	≤-27	PASS
			5735~27000	24256.82	-36.61	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5452.4	-41.64	≤-27	PASS
			5735~27000	24285.88	-36.72	≤-27	PASS
		5590	30~5460	5225.61	-43.57	≤-27	PASS
			5735~27000	25973.61	-37.02	≤-27	PASS
		5670	30~5460	2622.28	-45.98	≤-27	PASS
			5735~27000	26591	-36.83	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5455.29	-36.39	≤-27	PASS
			5735~27000	26042.37	-37.03	≤-27	PASS
		5610	30~5460	5454.57	-44.15	≤-27	PASS
			5735~27000	24346.84	-37.17	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5458.55	-42.3	≤-27	PASS
			5735~27000	24217.12	-36.5	≤-27	PASS

		5580	30~5460	5418.01	-45.28	≤ -27	PASS
			5735~27000	25687.24	-36.6	≤ -27	PASS
		5700	30~5460	4897.09	-44.8	≤ -27	PASS
			5735~27000	24335.5	-36.56	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5459.1	-40.03	≤ -27	PASS
			5735~27000	24980.53	-36.93	≤ -27	PASS
		5590	30~5460	4958.09	-46.06	≤ -27	PASS
			5735~27000	24219.25	-37.14	≤ -27	PASS
		5670	30~5460	2652.15	-45.34	≤ -27	PASS
			5735~27000	24334.79	-36.93	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5457.65	-34.09	≤ -27	PASS
			5735~27000	24210.74	-37.18	≤ -27	PASS
		5610	30~5460	5452.58	-42.73	≤ -27	PASS
			5735~27000	24826.72	-37.02	≤ -27	PASS

Test Graphs

11A_Ant0_5500_30~5460



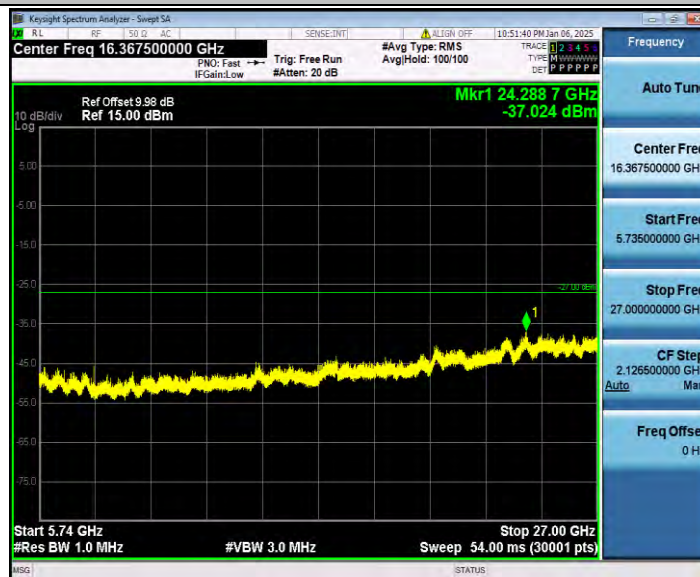
11A_Ant0_5500_5735~27000



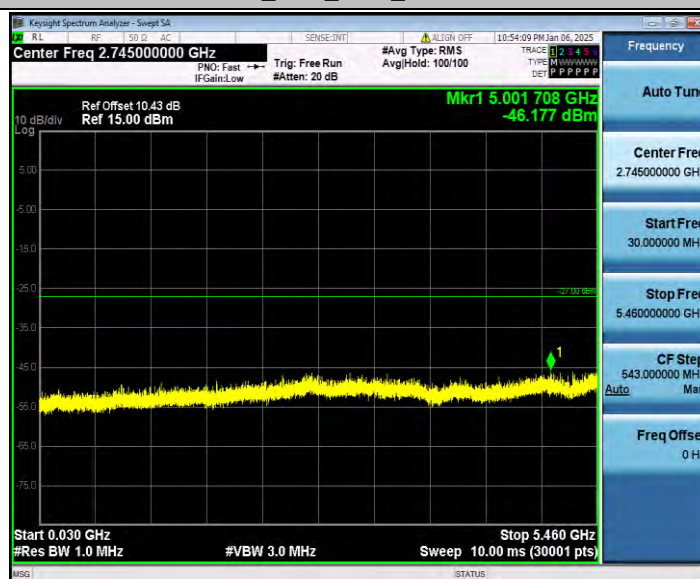
11A_Ant0_5580_30~5460



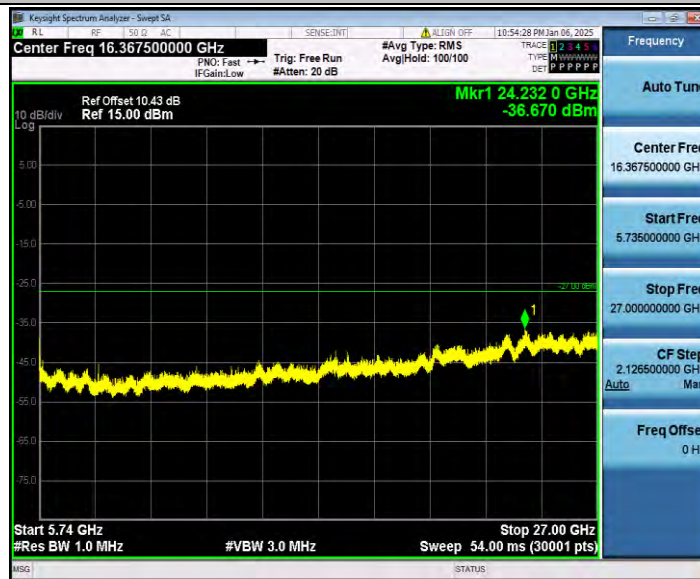
11A_Ant0_5580_5735~27000



11A_Ant0_5700_30~5460



11A_Ant0_5700_5735~27000



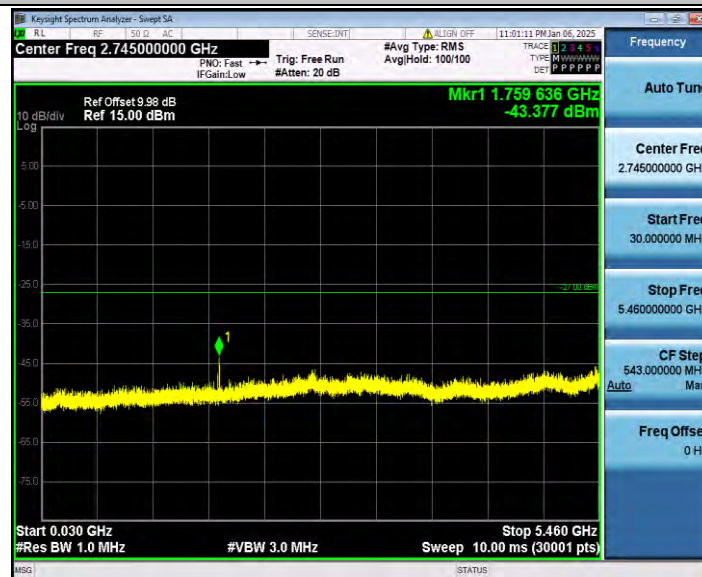
11N20SISO_Ant0_5500_30~5460



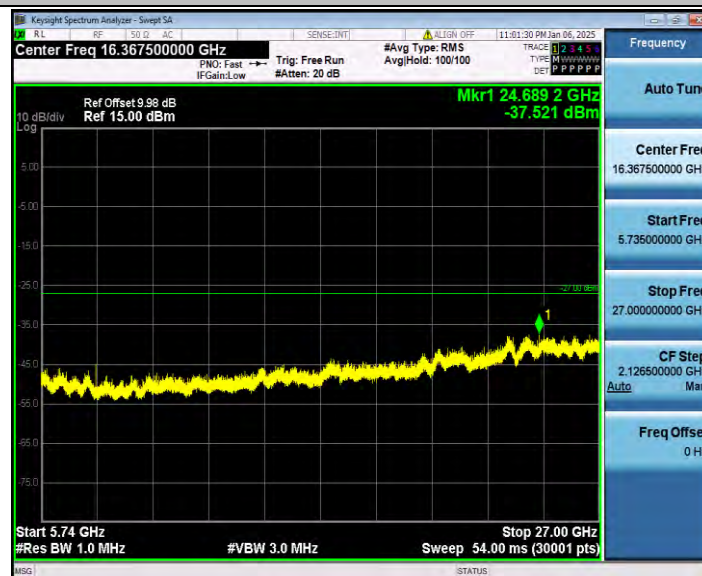
11N20SISO_Ant0_5500_5735~27000



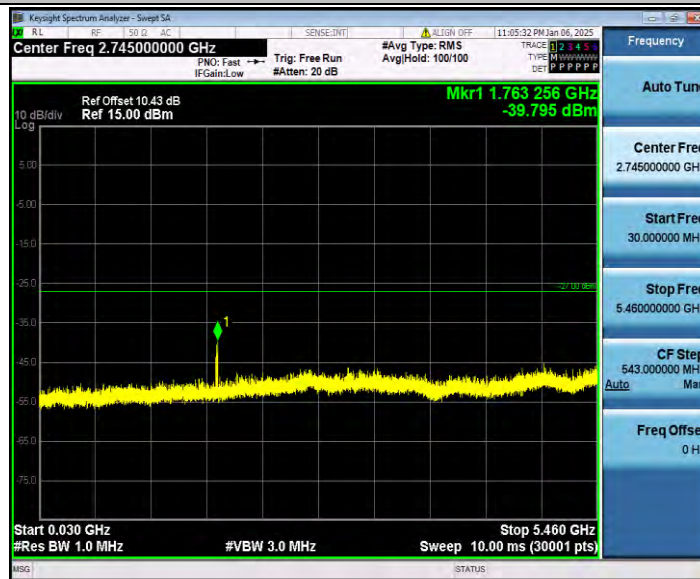
11N20SISO_Ant0_5580_30~5460



11N20SISO_Ant0_5580_5735~27000



11N20SISO_Ant0_5700_30~5460



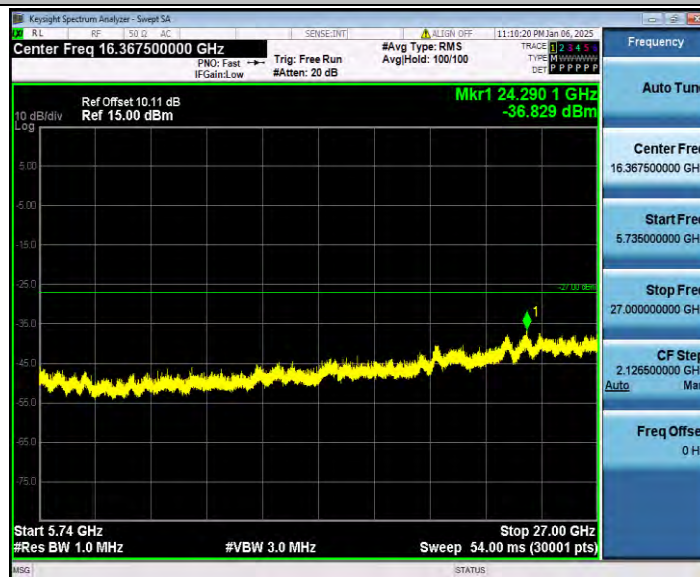
11N20SISO_Ant0_5700_5735~27000



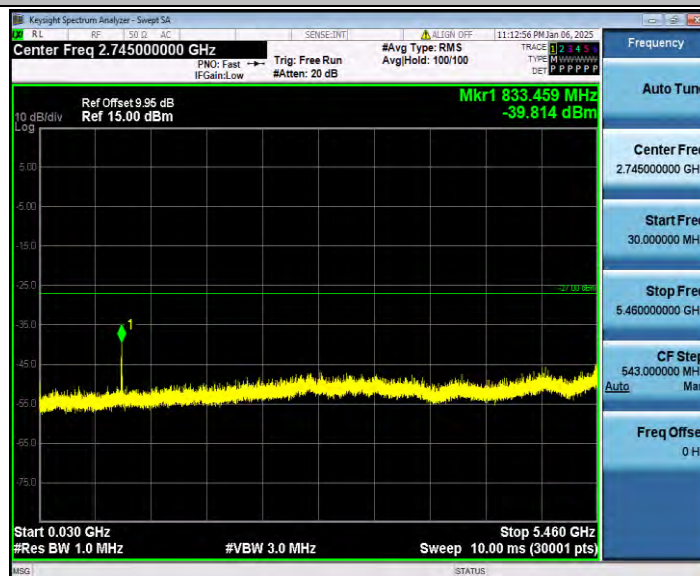
11N40SISO_Ant0_5510_30~5460



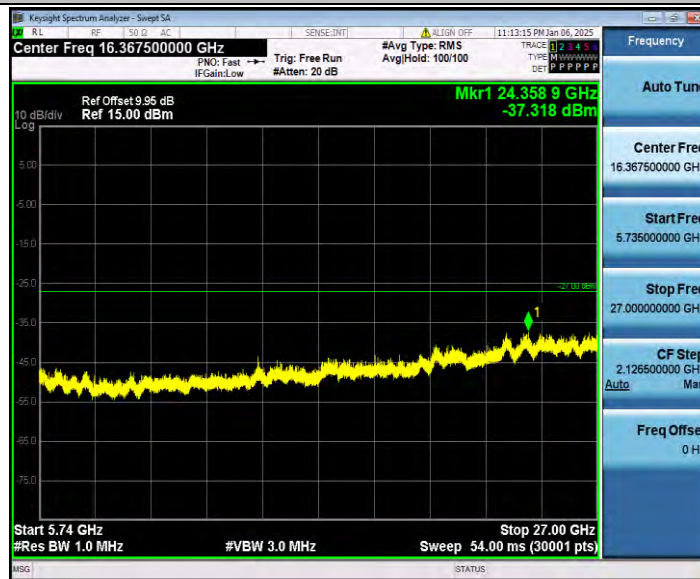
11N40SISO_Ant0_5510_5735~27000



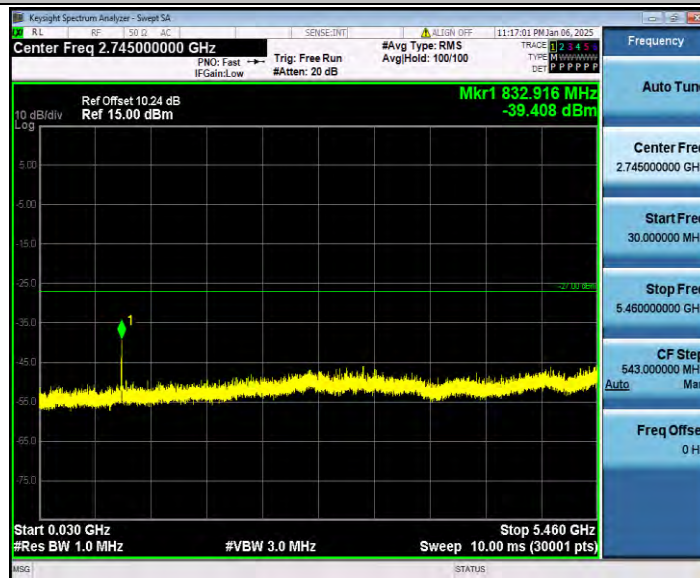
11N40SISO_Ant0_5590_30~5460



11N40SISO_Ant0_5590_5735~27000



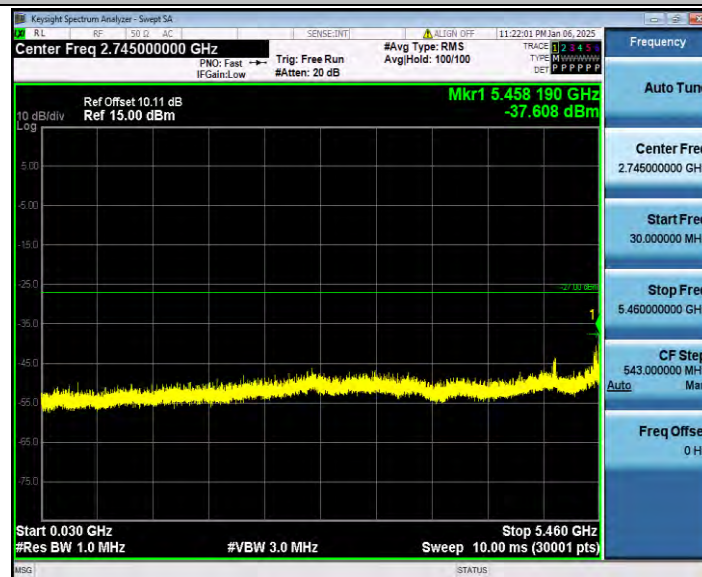
11N40SISO_Ant0_5670_30~5460



11N40SISO_Ant0_5670_5735~27000



11AC20SISO_Ant0_5500_30~5460



11AC20SISO_Ant0_5500_5735~27000



11AC20SISO_Ant0_5580_30~5460



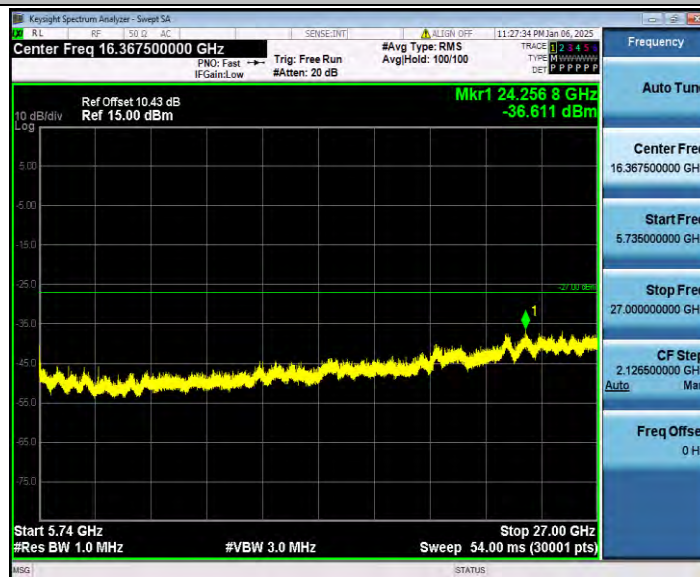
11AC20SISO_Ant0_5580_5735~27000



11AC20SISO_Ant0_5700_30~5460



11AC20SISO_Ant0_5700_5735~27000



11AC40SISO_Ant0_5510_30~5460



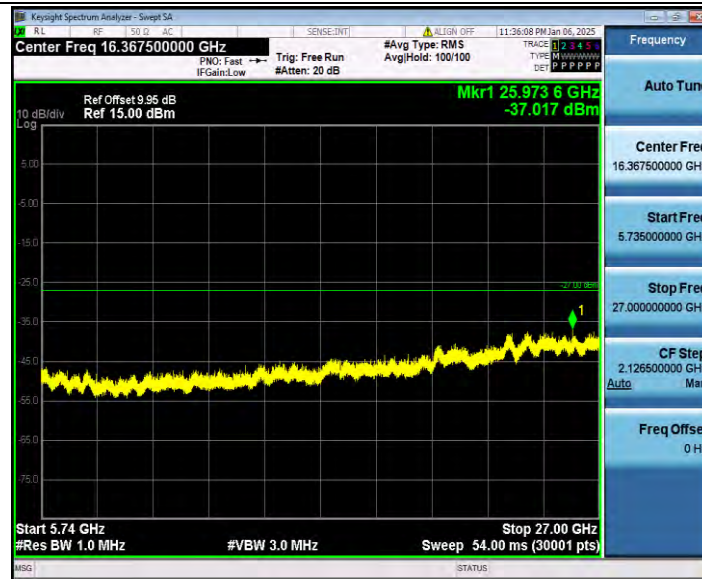
11AC40SISO_Ant0_5510_5735~27000



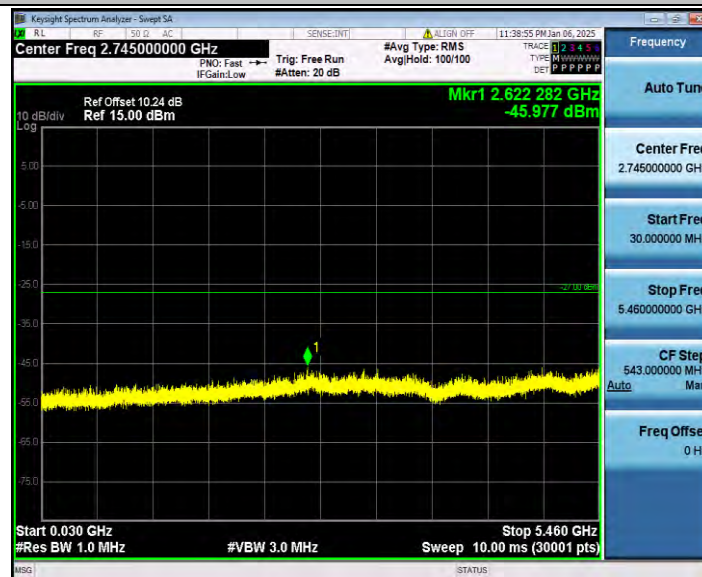
11AC40SISO_Ant0_5590_30~5460



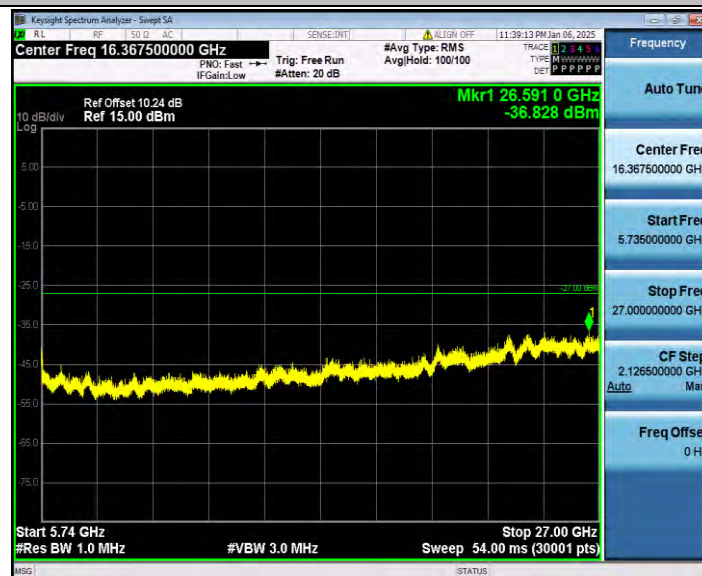
11AC40SISO_Ant0_5590_5735~27000



11AC40SISO_Ant0_5670_30~5460



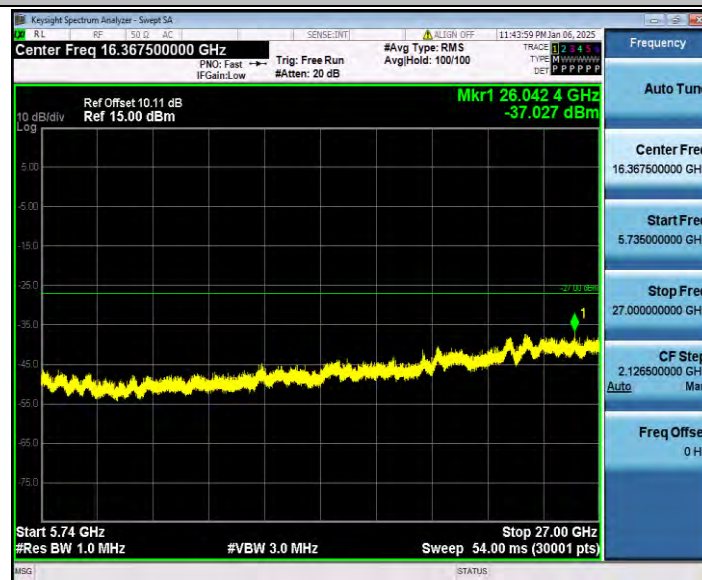
11AC40SISO_Ant0_5670_5735~27000



11AC80SISO_Ant0_5530_30~5460



11AC80SISO_Ant0_5530_5735~27000



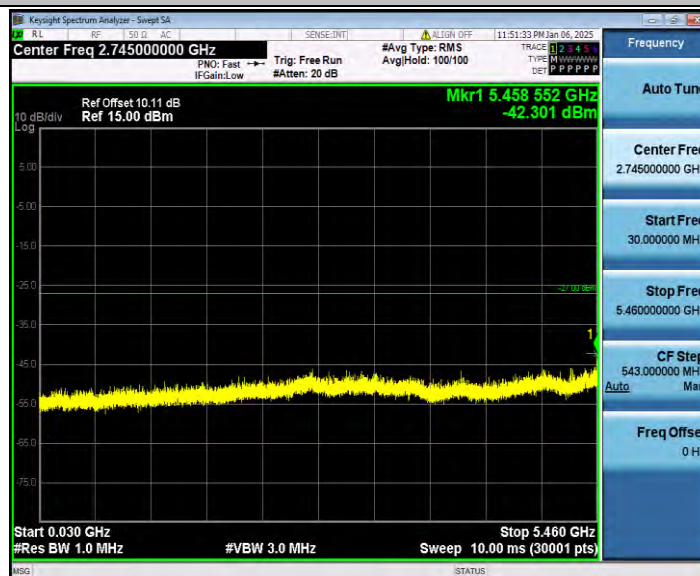
11AC80SISO_Ant0_5610_30~5460



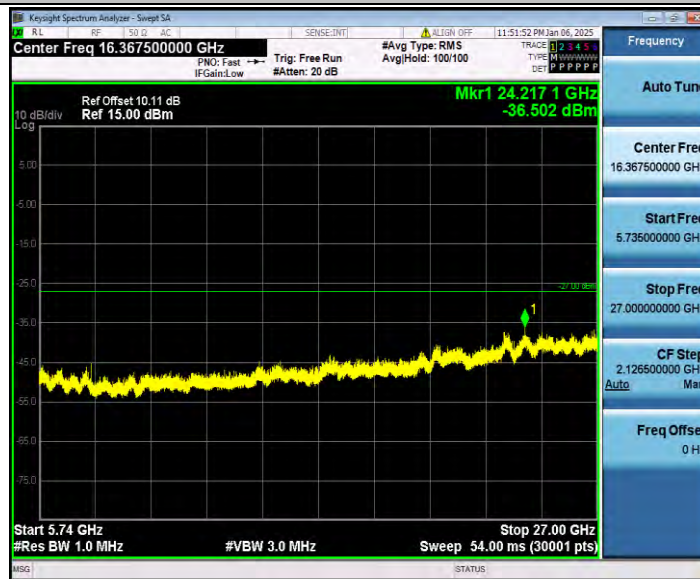
11AC80SISO_Ant0_5610_5735~27000



11AX20SISO_Ant0_5500_30~5460



11AX20SISO_Ant0_5500_5735~27000



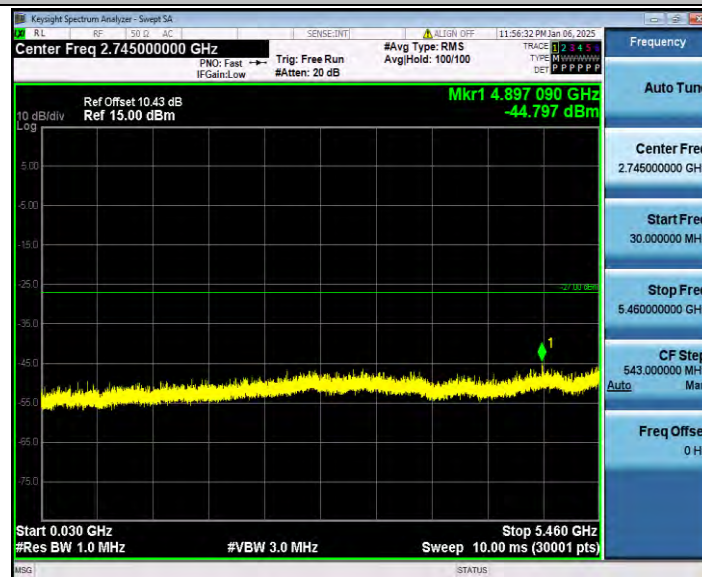
11AX20SISO_Ant0_5580_30~5460



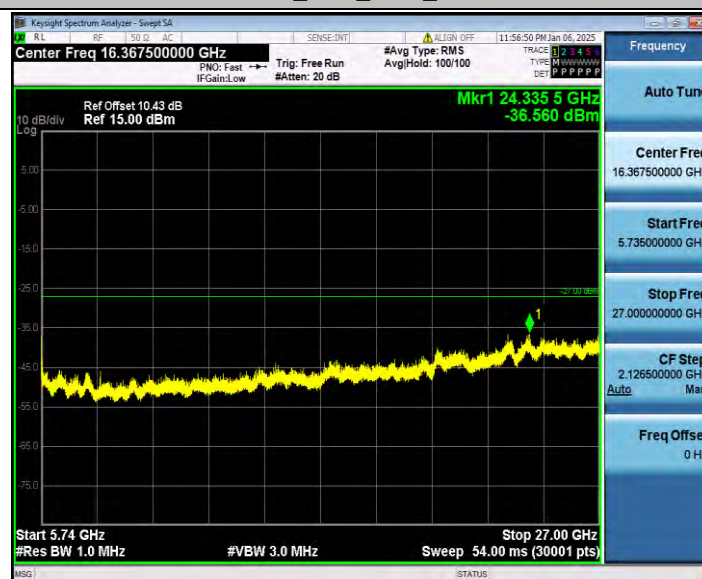
11AX20SISO_Ant0_5580_5735~27000



11AX20SISO_Ant0_5700_30~5460



11AX20SISO_Ant0_5700_5735~27000



11AX40SISO_Ant0_5510_30~5460



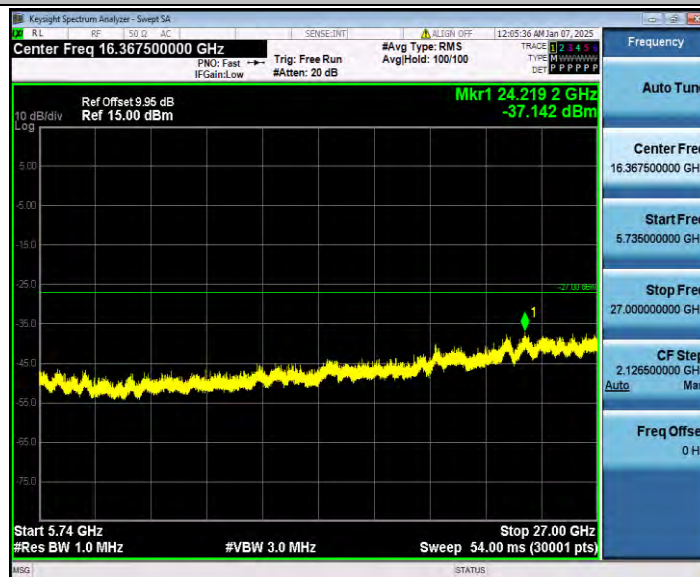
11AX40SISO_Ant0_5510_5735~27000



11AX40SISO_Ant0_5590_30~5460



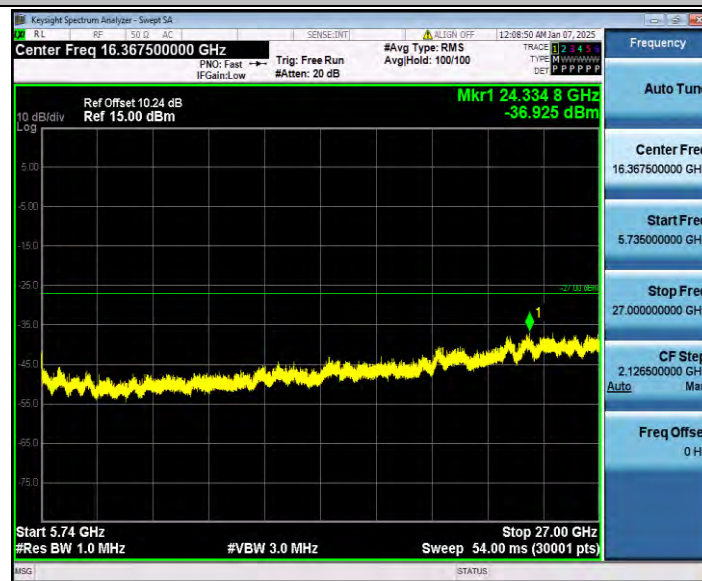
11AX40SISO_Ant0_5590_5735~27000



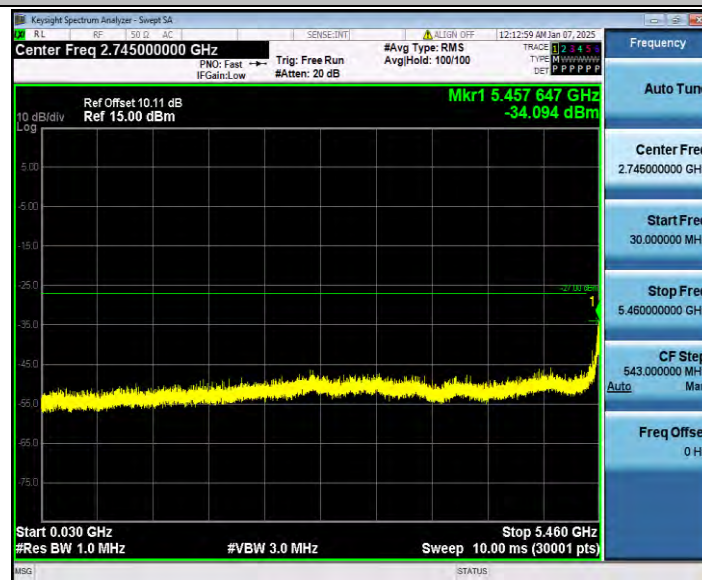
11AX40SISO_Ant0_5670_30~5460



11AX40SISO_Ant0_5670_5735~27000



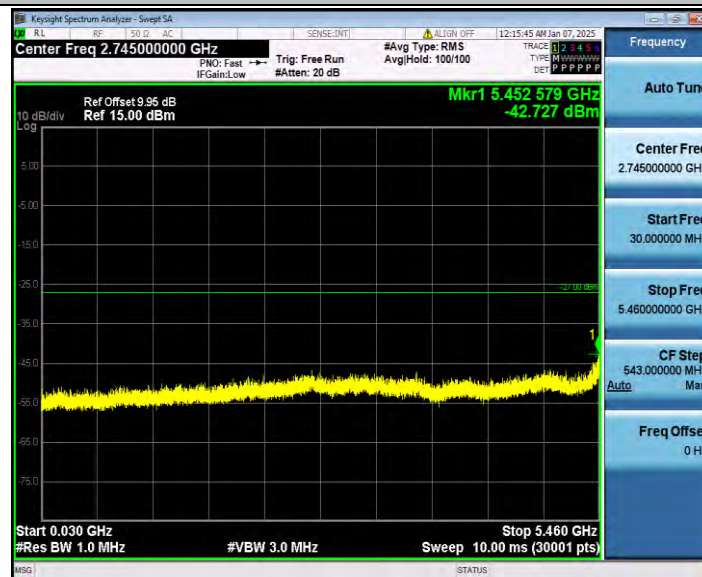
11AX80SISO_Ant0_5530_30~5460



11AX80SISO_Ant0_5530_5735~27000



11AX80SISO_Ant0_5610_30~5460



11AX80SISO_Ant0_5610_5735~27000

