

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	10.64	40.00	3.98	14.62	≤23.98	PASS
		5580	9.25	40.00	3.98	13.23	≤23.98	PASS
		5700	9.47	40.00	3.98	13.45	≤23.98	PASS
11N20SISO	Ant0	5500	10.79	47.06	3.27	14.06	≤23.98	PASS
		5580	9.37	47.06	3.27	12.64	≤23.98	PASS
		5700	9.64	47.06	3.27	12.91	≤23.98	PASS
11N40SISO	Ant0	5510	9.52	40.00	3.98	13.50	≤23.98	PASS
		5590	8.48	35.71	4.47	12.95	≤23.98	PASS
		5670	8.98	40.00	3.98	12.96	≤23.98	PASS
11AC20SISO	Ant0	5500	10.81	47.06	3.27	14.08	≤23.98	PASS
		5580	9.63	50.00	3.01	12.64	≤23.98	PASS
		5700	9.68	50.00	3.01	12.69	≤23.98	PASS
11AC40SISO	Ant0	5510	10.04	46.67	3.31	13.35	≤23.98	PASS
		5590	9.07	40.00	3.98	13.05	≤23.98	PASS
		5670	9.09	43.75	3.59	12.68	≤23.98	PASS
11AC80SISO	Ant0	5530	11.36	35.71	4.47	15.83	≤23.98	PASS
		5610	6.82	35.71	4.47	11.29	≤23.98	PASS
11AX20SISO	Ant0	5500	10.41	50.00	3.01	13.42	≤23.98	PASS
		5580	9.34	50.00	3.01	12.35	≤23.98	PASS
		5700	9.50	50.00	3.01	12.51	≤23.98	PASS
11AX40SISO	Ant0	5510	10.09	50.00	3.01	13.10	≤23.98	PASS
		5590	9.00	44.44	3.52	12.52	≤23.98	PASS
		5670	9.45	50.00	3.01	12.46	≤23.98	PASS
11AX80SISO	Ant0	5530	8.90	43.75	3.59	12.49	≤23.98	PASS
		5610	8.89	47.06	3.27	12.16	≤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	3.25	≤11.00	PASS
		5580	2.24	≤11.00	PASS
		5700	2.24	≤11.00	PASS
11N20SISO	Ant0	5500	2.54	≤11.00	PASS
		5580	1.19	≤11.00	PASS
		5700	1.45	≤11.00	PASS
11N40SISO	Ant0	5510	-0.10	≤11.00	PASS
		5590	-0.45	≤11.00	PASS
		5670	-0.88	≤11.00	PASS
11AC20SISO	Ant0	5500	2.59	≤11.00	PASS
		5580	1.36	≤11.00	PASS
		5700	1.64	≤11.00	PASS
11AC40SISO	Ant0	5510	-0.05	≤11.00	PASS
		5590	-0.18	≤11.00	PASS
		5670	-0.90	≤11.00	PASS
11AC80SISO	Ant0	5530	0.34	≤11.00	PASS
		5610	-4.41	≤11.00	PASS
11AX20SISO	Ant0	5500	2.18	≤11.00	PASS
		5580	1.18	≤11.00	PASS
		5700	1.55	≤11.00	PASS
11AX40SISO	Ant0	5510	-0.74	≤11.00	PASS
		5590	-1.21	≤11.00	PASS
		5670	-1.48	≤11.00	PASS
11AX80SISO	Ant0	5530	-3.54	≤11.00	PASS
		5610	-4.15	≤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



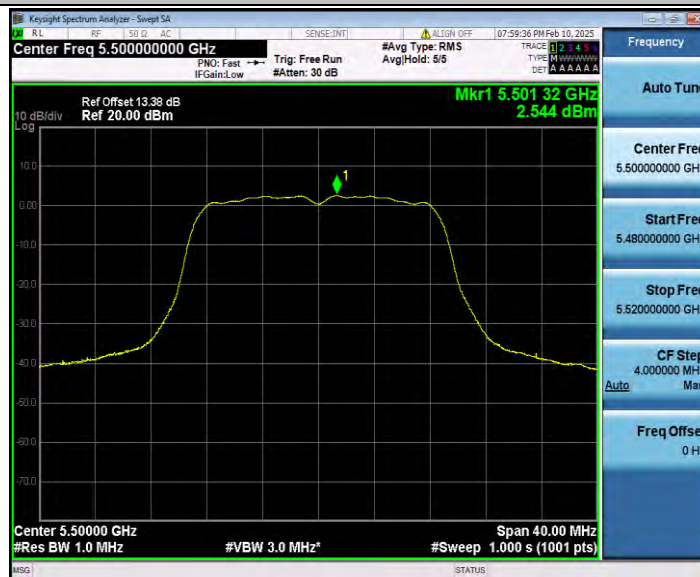
11A_Ant0_5580



11A_Ant0_5700



11N20SISO_Ant0_5500



11N20SISO_Ant0_5580



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



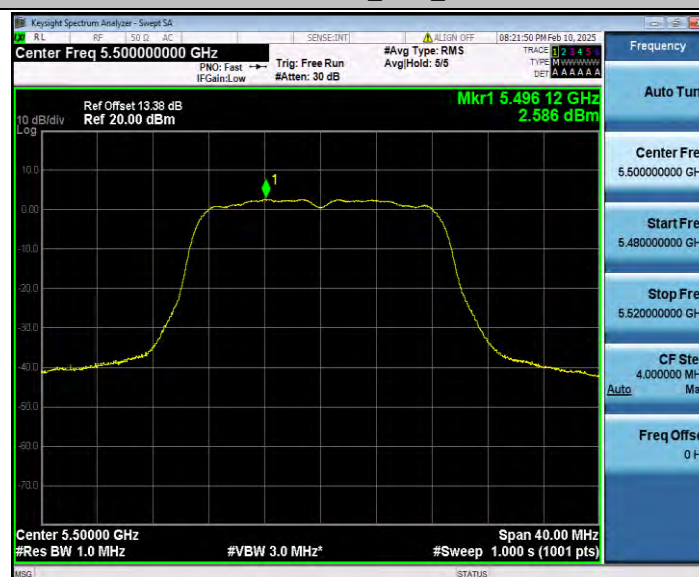
11N40SISO_Ant0_5590



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



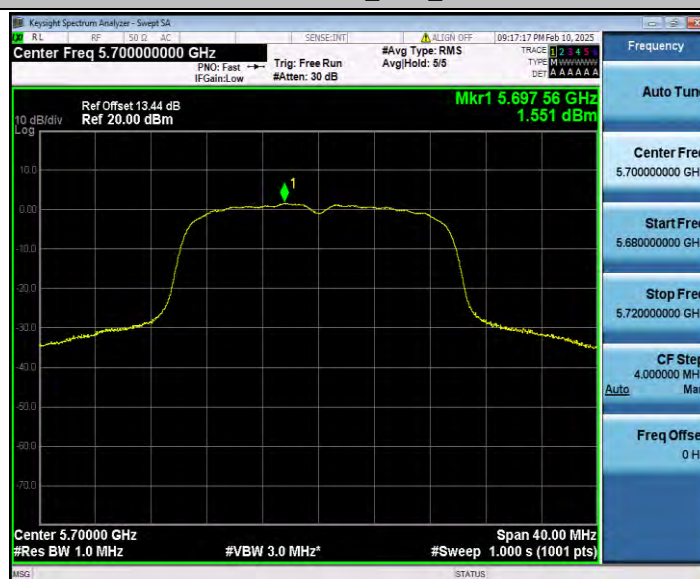
11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5580



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610

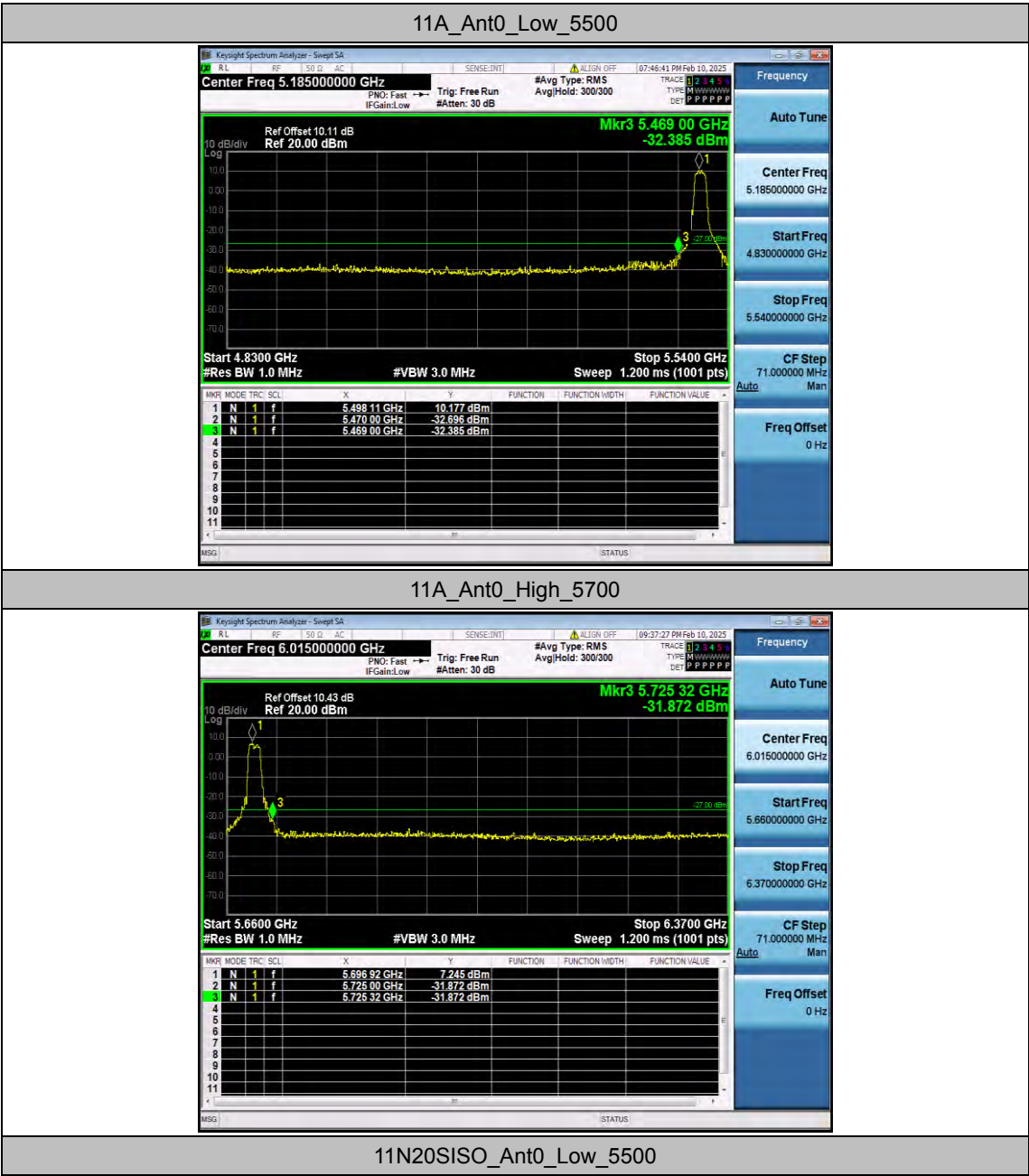


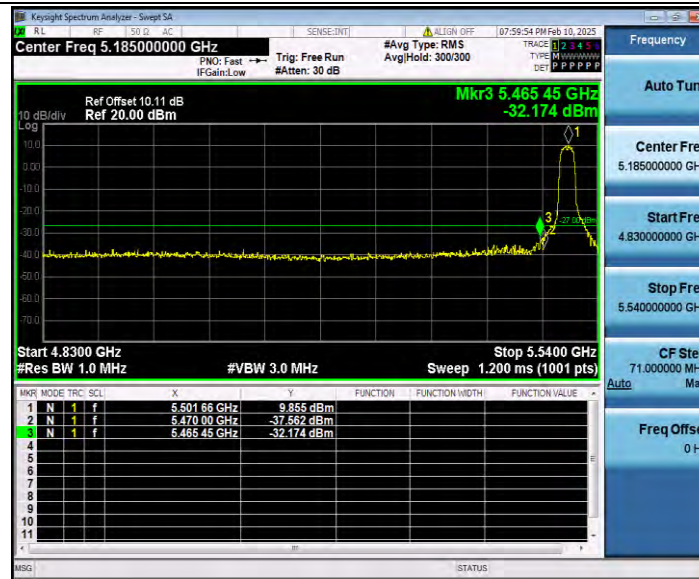
Appendix F.6: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-32.39	≤ -27	PASS
		High	5700	-31.87	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-32.17	≤ -27	PASS
		High	5700	-32.74	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-28.86	≤ -27	PASS
		High	5670	-32.17	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-32.68	≤ -27	PASS
		High	5700	-27.09	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-32.88	≤ -27	PASS
		High	5670	-34.07	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-30.84	≤ -27	PASS
		High	5610	-37.4	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-33.51	≤ -27	PASS
		High	5700	-28.71	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-33.31	≤ -27	PASS
		High	5670	-34.52	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-31.36	≤ -27	PASS
		High	5610	-37.36	≤ -27	PASS

Test Graphs B1/2/3

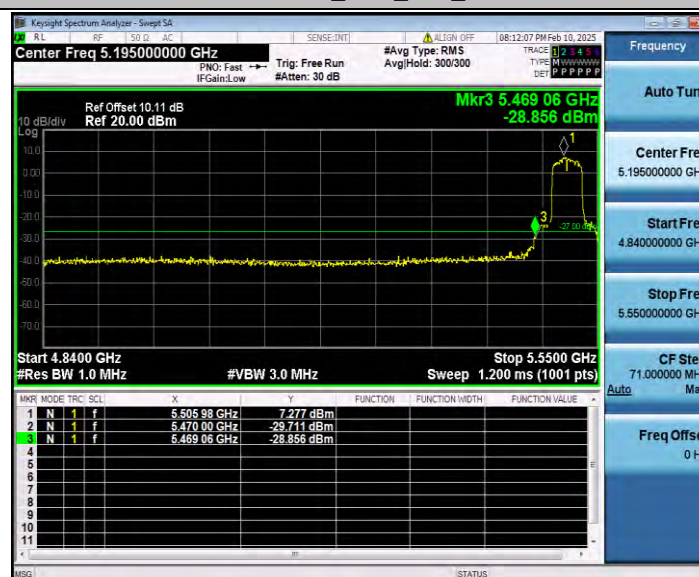




11N20SISO_Ant0_High_5700



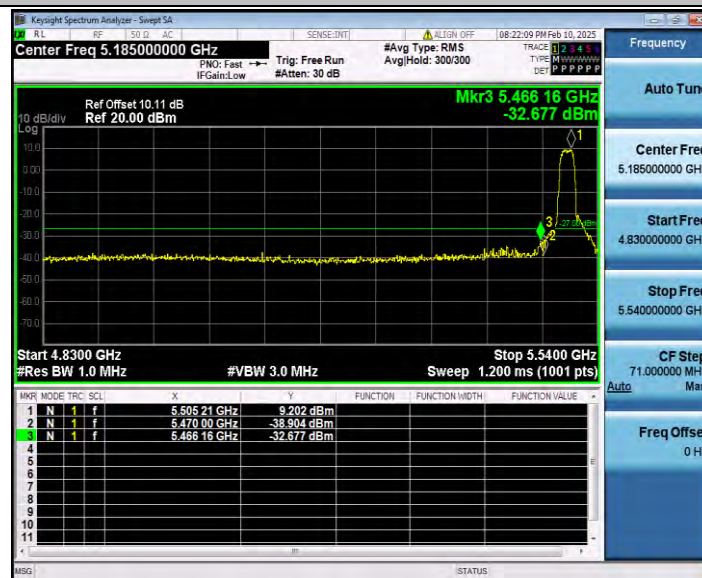
11N40SISO_Ant0_Low_5510



11N40SISO_Ant0_High_5670



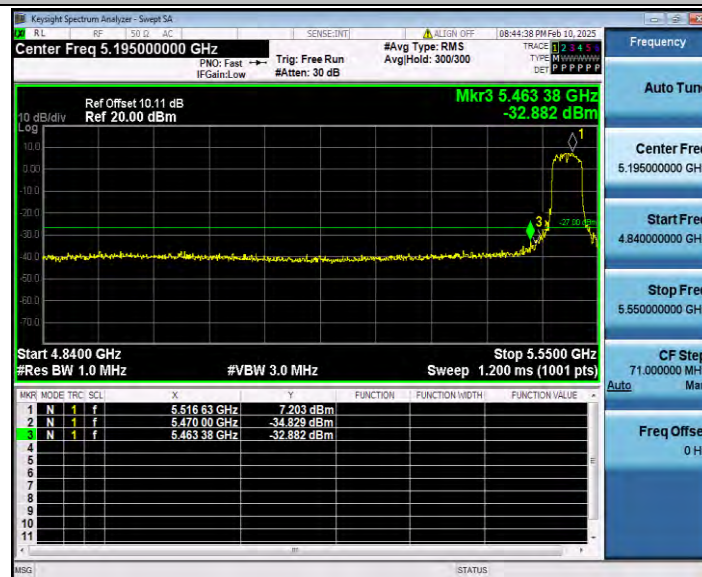
11AC20SISO_Ant0_Low_5500



11AC20SISO_Ant0_High_5700



11AC40SISO_Ant0_Low_5510



11AC40SISO_Ant0_High_5670



11AC80SISO_Ant0_Low_5530



11AC80SISO_Ant0_High_5610



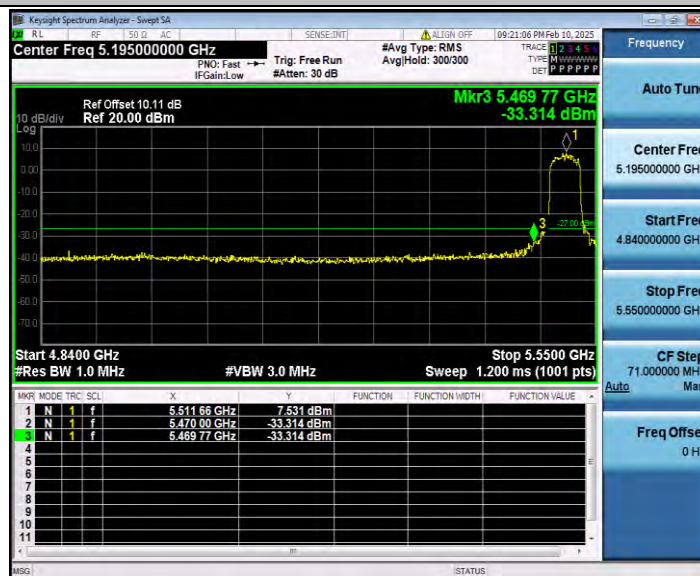
11AX20SISO_Ant0_Low_5500



11AX20SISO_Ant0_High_5700



11AX40SISO_Ant0_Low_5510



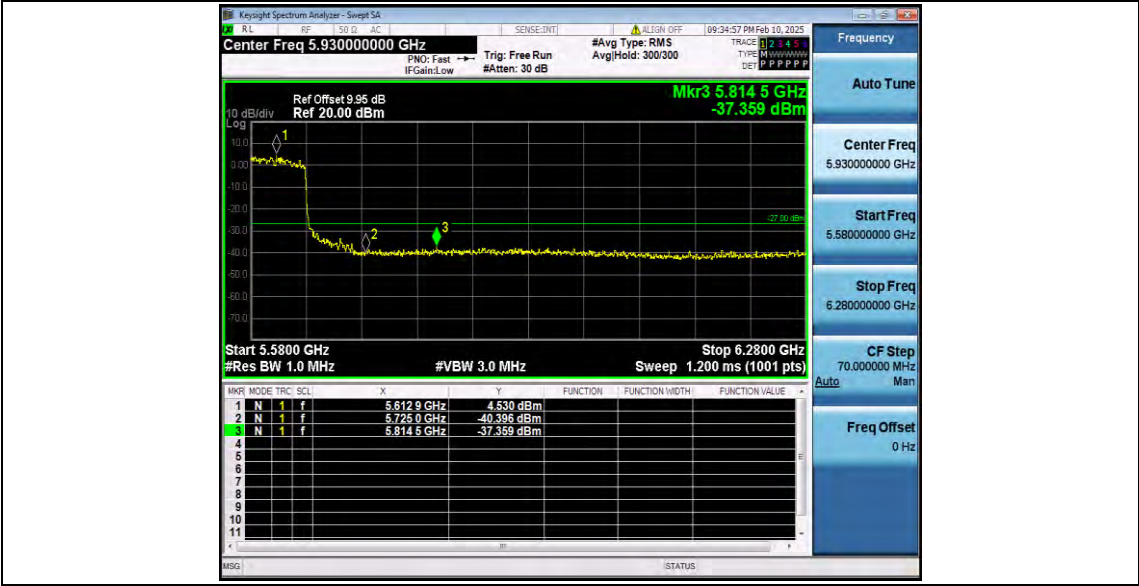
11AX40SISO_Ant0_High_5670



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	5413.3	-37.73	≤-27	PASS
			5735~27000	26541.38	-37.16	≤-27	PASS
		5580	30~5460	5104.52	-44.2	≤-27	PASS
			5735~27000	24284.46	-37.12	≤-27	PASS
		5700	30~5460	5226.87	-44.61	≤-27	PASS
			5735~27000	5741.38	-33.9	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5421.99	-37.91	≤-27	PASS
			5735~27000	24765.76	-37.48	≤-27	PASS
		5580	30~5460	5108.32	-44.05	≤-27	PASS
			5735~27000	24266.03	-36.44	≤-27	PASS
		5700	30~5460	832.92	-39.47	≤-27	PASS
			5735~27000	5735	-33.07	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5458.37	-38.65	≤-27	PASS
			5735~27000	26836.97	-36.75	≤-27	PASS
		5590	30~5460	5429.77	-44.89	≤-27	PASS
			5735~27000	24820.34	-36.49	≤-27	PASS
		5670	30~5460	2604.54	-42.2	≤-27	PASS
			5735~27000	5735	-30.76	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5457.29	-37.57	≤-27	PASS
			5735~27000	26683.86	-36.83	≤-27	PASS
		5580	30~5460	5460	-44.32	≤-27	PASS
			5735~27000	26834.13	-36.98	≤-27	PASS
		5700	30~5460	5228.14	-44.32	≤-27	PASS
			5735~27000	5735	-34.78	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5457.65	-37.64	≤-27	PASS
			5735~27000	24223.5	-36.94	≤-27	PASS
		5590	30~5460	2605.27	-40.32	≤-27	PASS
			5735~27000	24335.5	-37.2	≤-27	PASS
		5670	30~5460	5411.67	-45.41	≤-27	PASS
			5735~27000	24798.36	-36.58	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5433.21	-33.17	≤-27	PASS
			5735~27000	24880.59	-37.19	≤-27	PASS
		5610	30~5460	5431.04	-45.48	≤-27	PASS
			5735~27000	26483.97	-37.34	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5423.08	-37.47	≤-27	PASS
			5735~27000	26437.19	-36.39	≤-27	PASS

		5580	30~5460	5430.14	-43.04	≤ -27	PASS
			5735~27000	26117.5	-37.4	≤ -27	PASS
		5700	30~5460	5229.41	-44.04	≤ -27	PASS
			5735~27000	5739.25	-31.22	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5457.83	-37.02	≤ -27	PASS
			5735~27000	24244.06	-36.77	≤ -27	PASS
		5590	30~5460	5426.7	-45.71	≤ -27	PASS
			5735~27000	23547.98	-37.47	≤ -27	PASS
		5670	30~5460	5398.82	-44.83	≤ -27	PASS
			5735~27000	5739.25	-36.34	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5433.03	-32.59	≤ -27	PASS
			5735~27000	26749.07	-36.97	≤ -27	PASS
		5610	30~5460	5425.79	-44.28	≤ -27	PASS
			5735~27000	24284.46	-37.29	≤ -27	PASS

Test Graphs

11A_Ant0_5500_30~5460



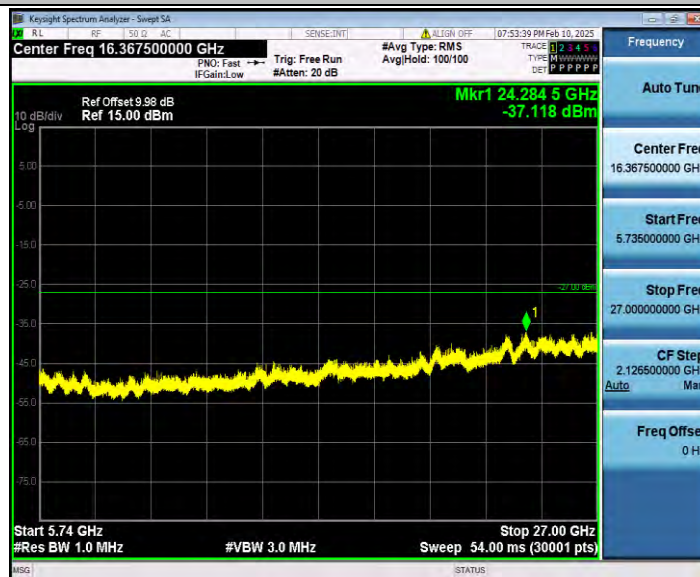
11A_Ant0_5500_5735~27000



11A_Ant0_5580_30~5460



11A_Ant0_5580_5735~27000



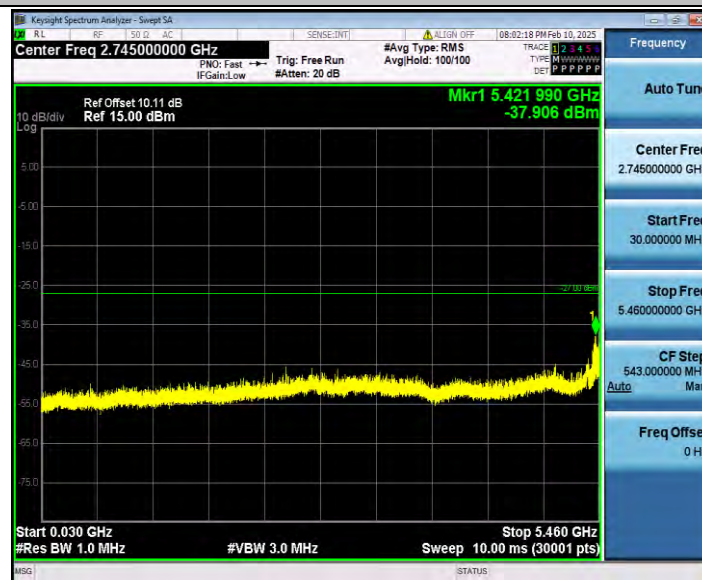
11A_Ant0_5700_30~5460



11A_Ant0_5700_5735~27000



11N20SISO_Ant0_5500_30~5460



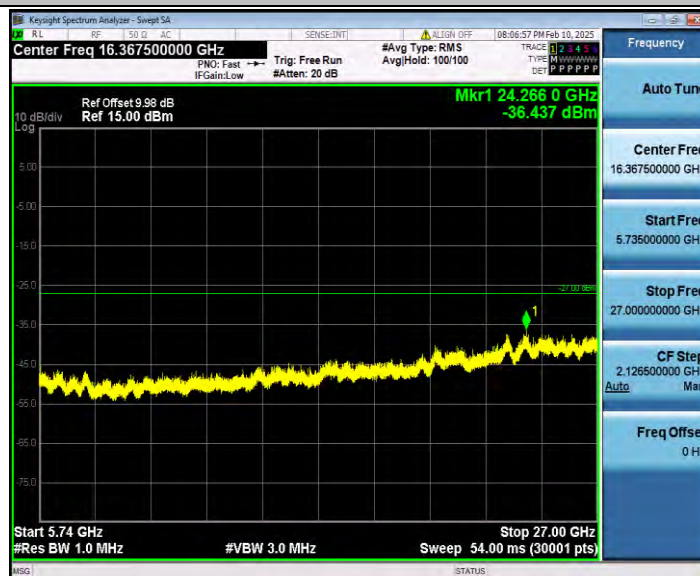
11N20SISO_Ant0_5500_5735~27000



11N20SISO_Ant0_5580_30~5460



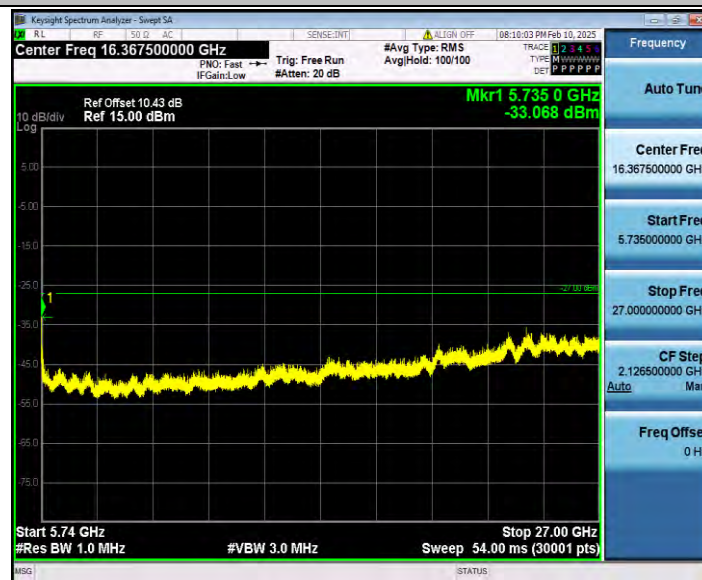
11N20SISO_Ant0_5580_5735~27000



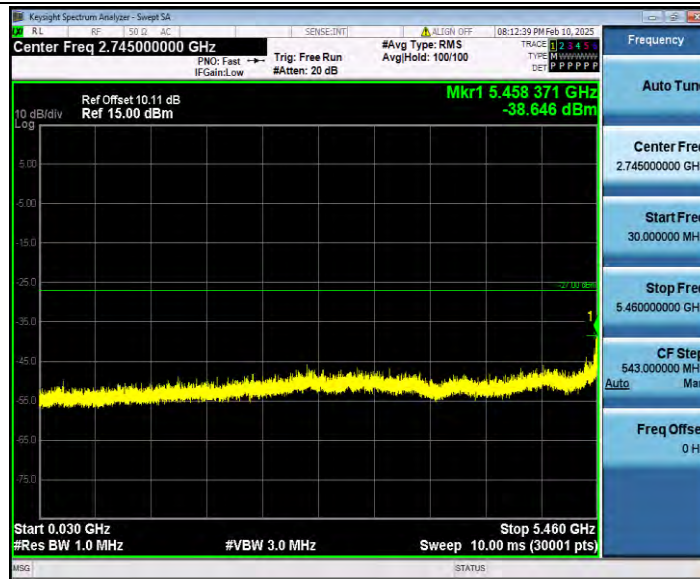
11N20SISO_Ant0_5700_30~5460



11N20SISO_Ant0_5700_5735~27000



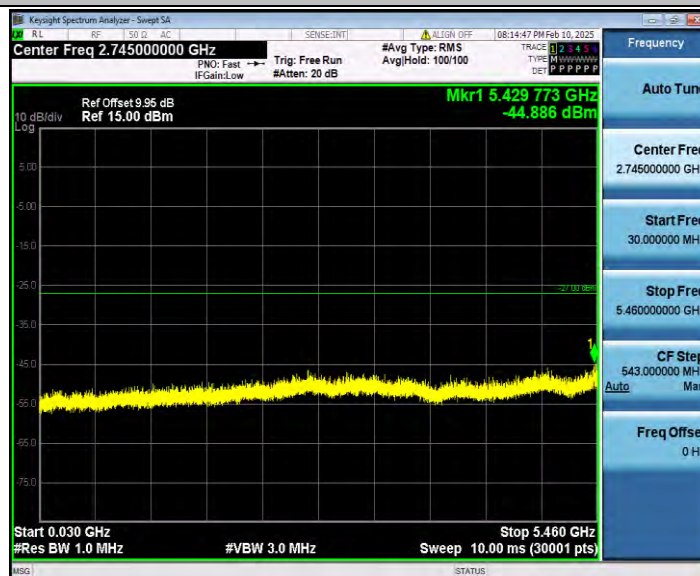
11N40SISO_Ant0_5510_30~5460



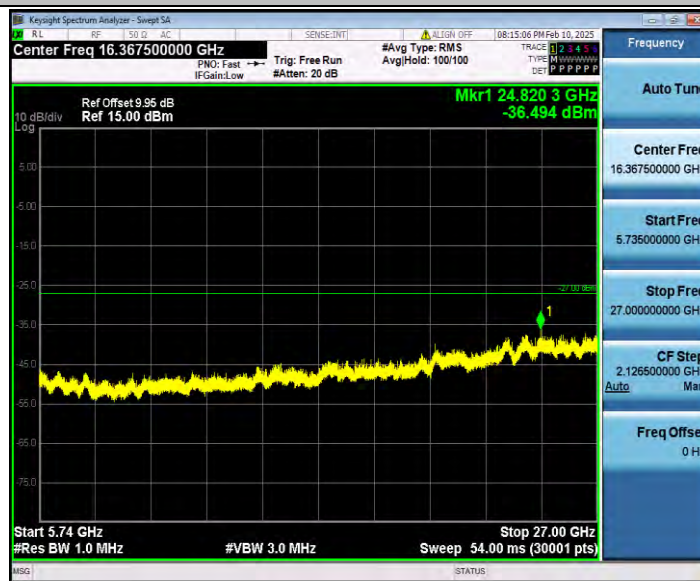
11N40SISO_Ant0_5510_5735~27000



11N40SISO_Ant0_5590_30~5460



11N40SISO_Ant0_5590_5735~27000



11N40SISO_Ant0_5670_30~5460



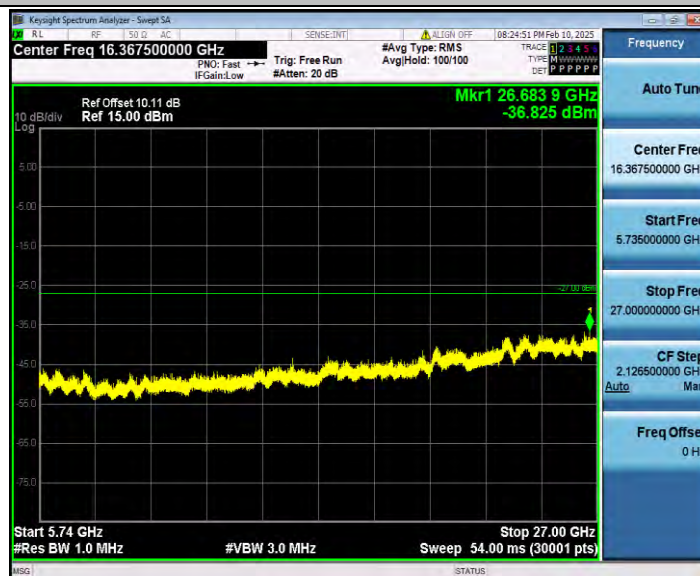
11N40SISO_Ant0_5670_5735~27000



11AC20SISO_Ant0_5500_30~5460



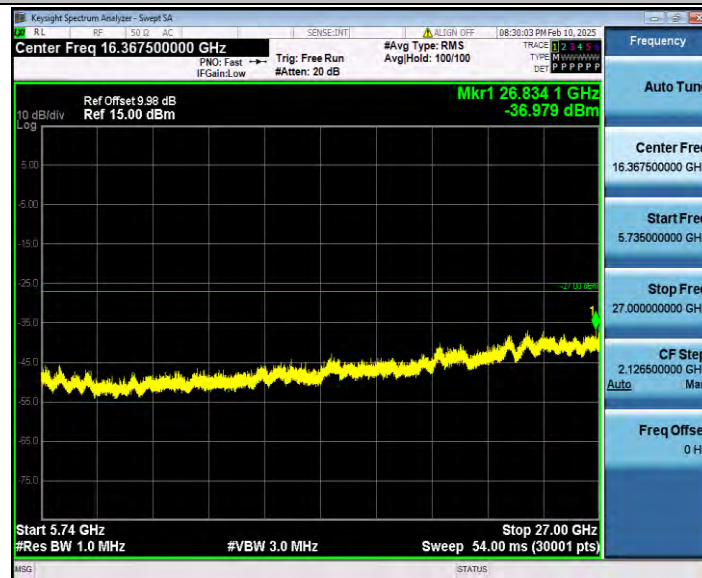
11AC20SISO_Ant0_5500_5735~27000



11AC20SISO_Ant0_5580_30~5460



11AC20SISO_Ant0_5580_5735~27000



11AC20SISO_Ant0_5700_30~5460



11AC20SISO_Ant0_5700_5735~27000



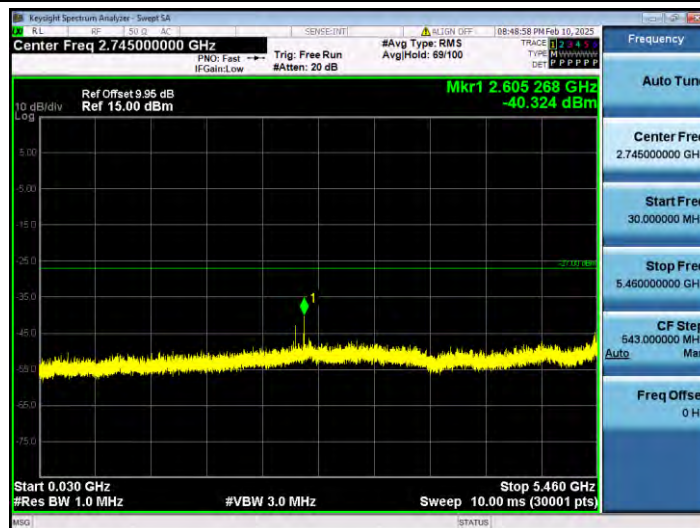
11AC40SISO_Ant0_5510_30~5460



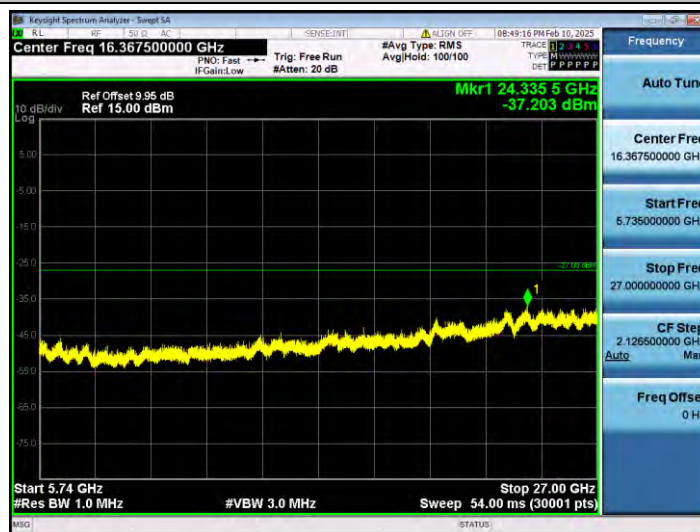
11AC40SISO_Ant0_5510_5735~27000



11AC40SISO_Ant0_5590_30~5460



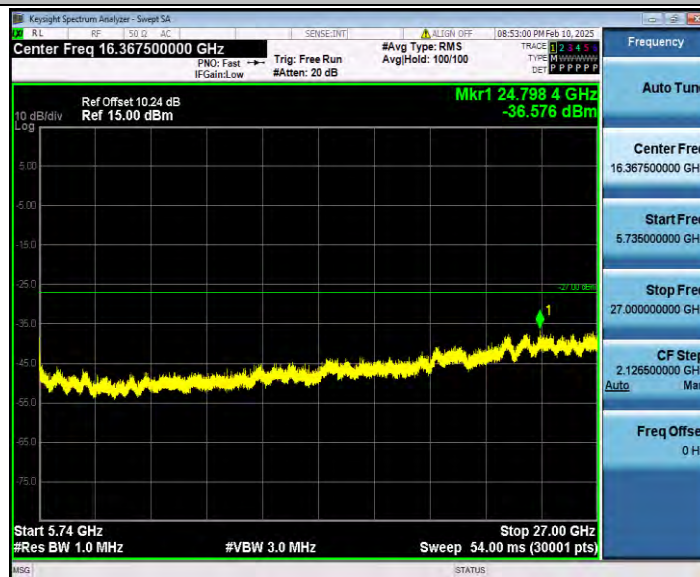
11AC40SISO_Ant0_5590_5735~27000



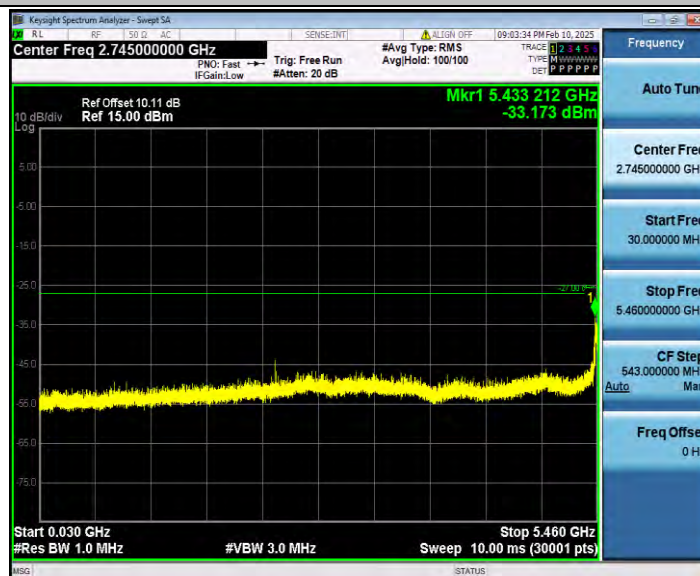
11AC40SISO_Ant0_5670_30~5460



11AC40SISO_Ant0_5670_5735~27000



11AC80SISO_Ant0_5530_30~5460



11AC80SISO_Ant0_5530_5735~27000



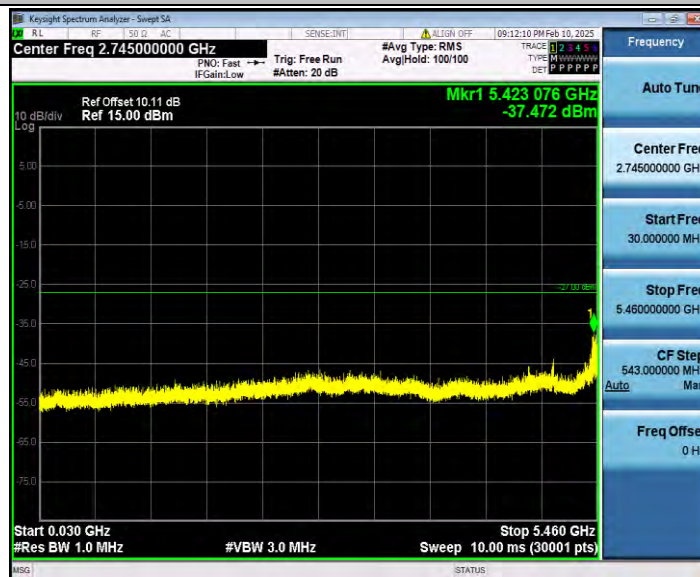
11AC80SISO_Ant0_5610_30~5460



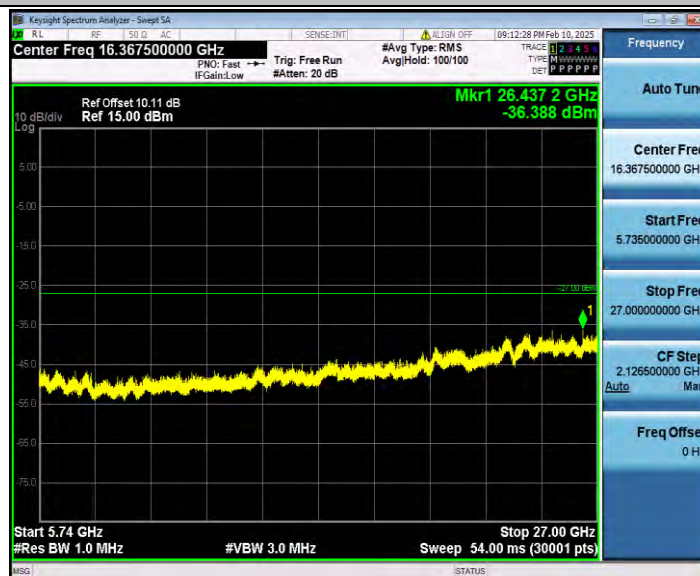
11AC80SISO_Ant0_5610_5735~27000



11AX20SISO_Ant0_5500_30~5460



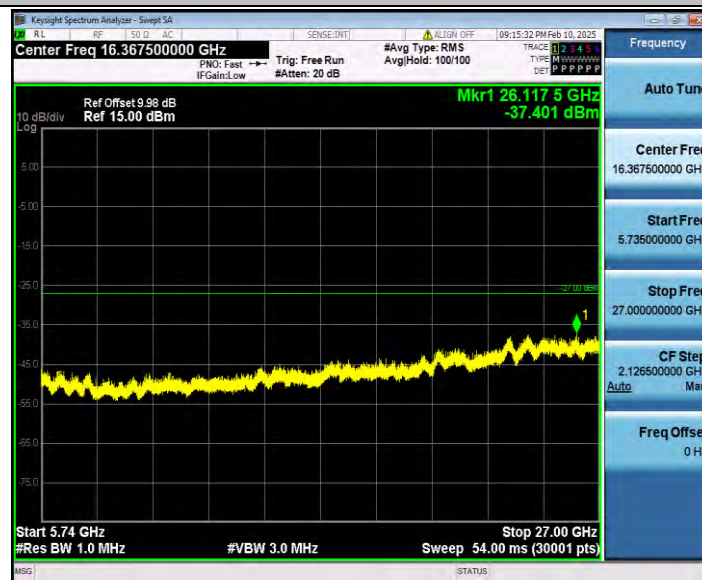
11AX20SISO_Ant0_5500_5735~27000



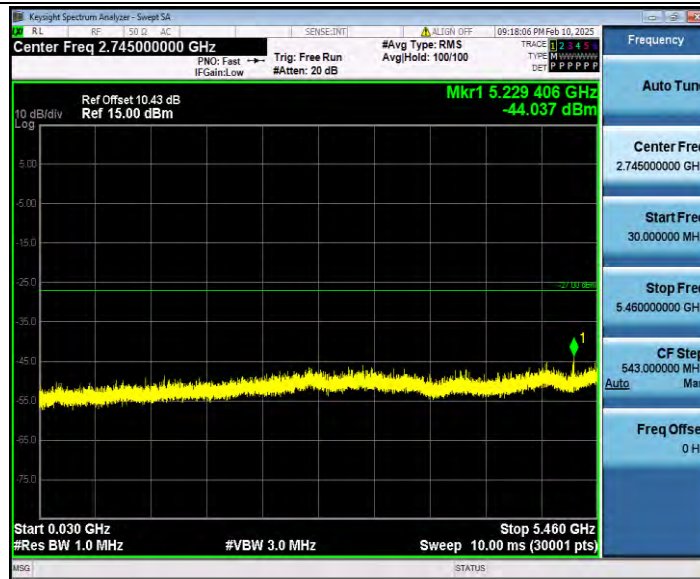
11AX20SISO_Ant0_5580_30~5460



11AX20SISO_Ant0_5580_5735~27000



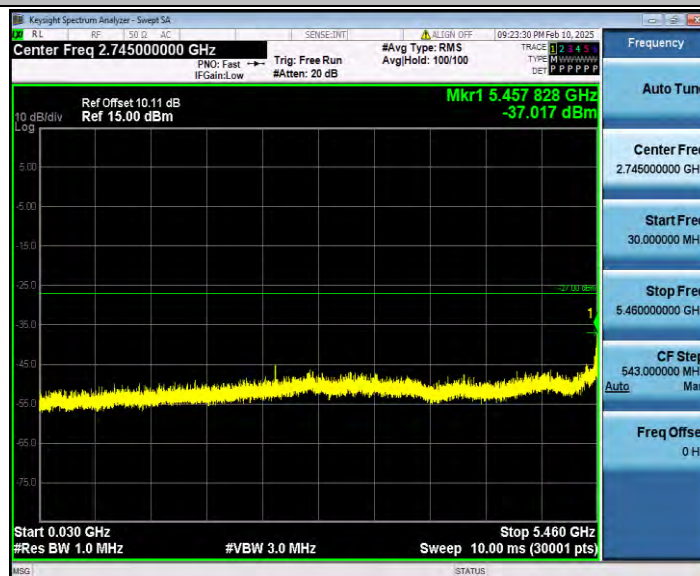
11AX20SISO_Ant0_5700_30~5460



11AX20SISO_Ant0_5700_5735~27000



11AX40SISO_Ant0_5510_30~5460



11AX40SISO_Ant0_5510_5735~27000



11AX40SISO_Ant0_5590_30~5460



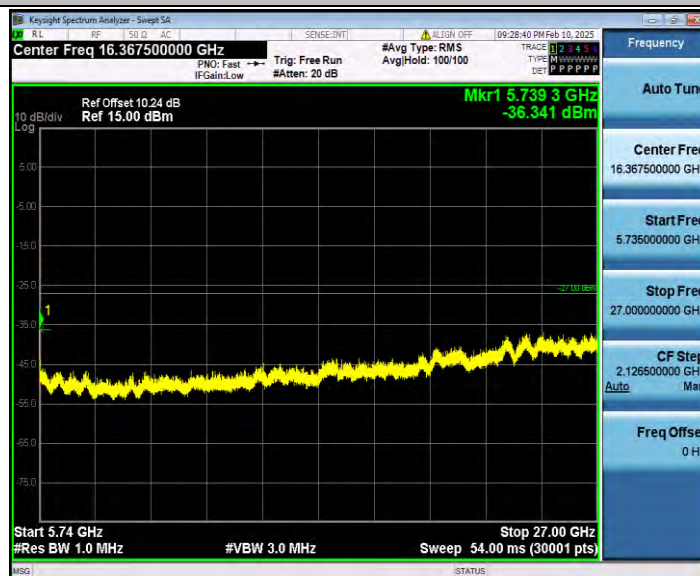
11AX40SISO_Ant0_5590_5735~27000



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

