

Appendix F.6: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-32.57	≤ -27	PASS
		High	5700	-34.68	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-30.29	≤ -27	PASS
		High	5700	-30.14	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-33.86	≤ -27	PASS
		High	5670	-37.16	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-35.96	≤ -27	PASS
		High	5700	-33.21	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-30.9	≤ -27	PASS
		High	5670	-36.88	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-31.85	≤ -27	PASS
		High	5610	-37.08	≤ -27	PASS

Test Graphs B3

11A_Ant1_Low_5500



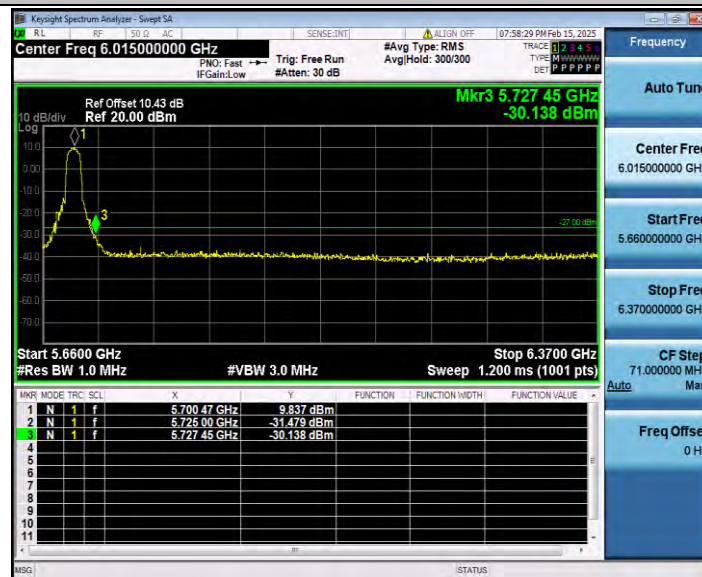
11A_Ant1_High_5700



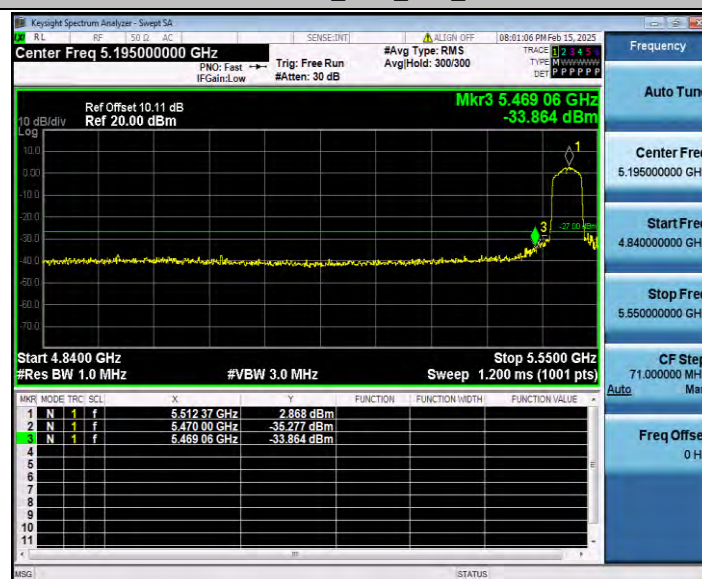
11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



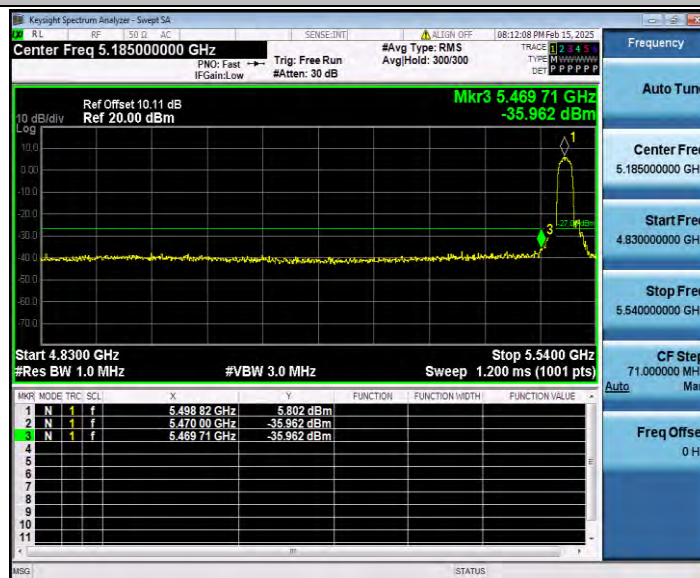
11N40SISO_Ant1_Low_5510



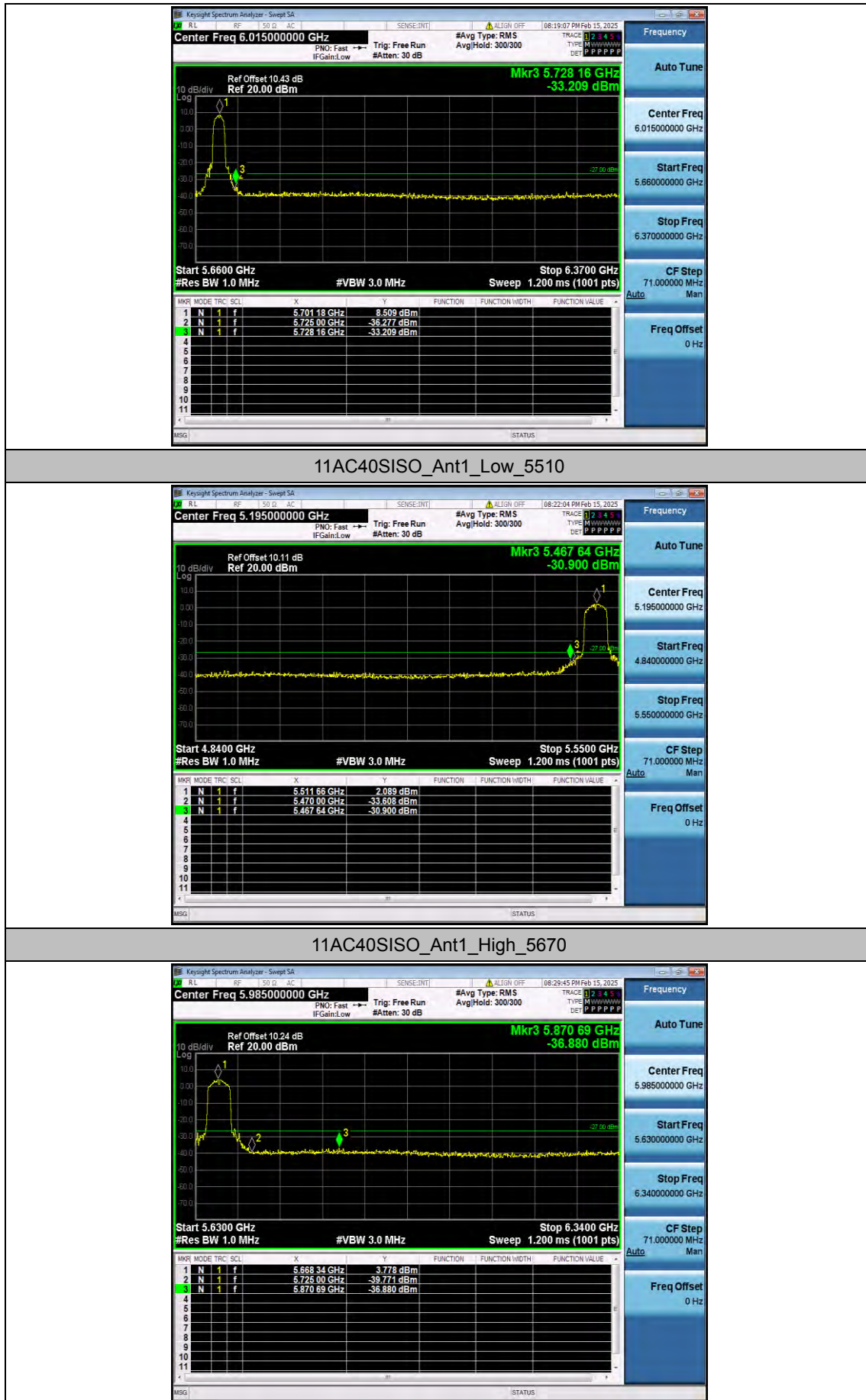
11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610

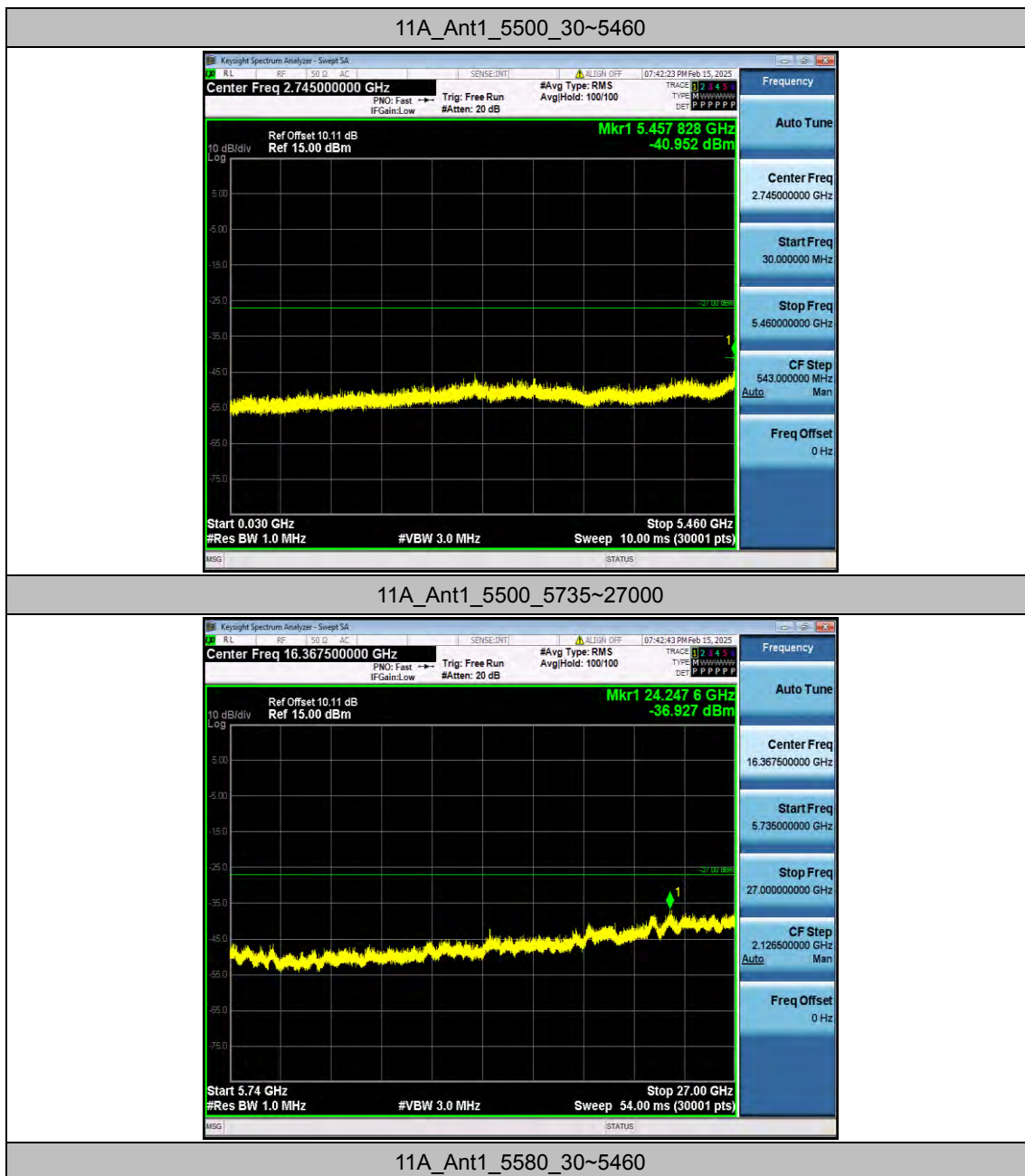


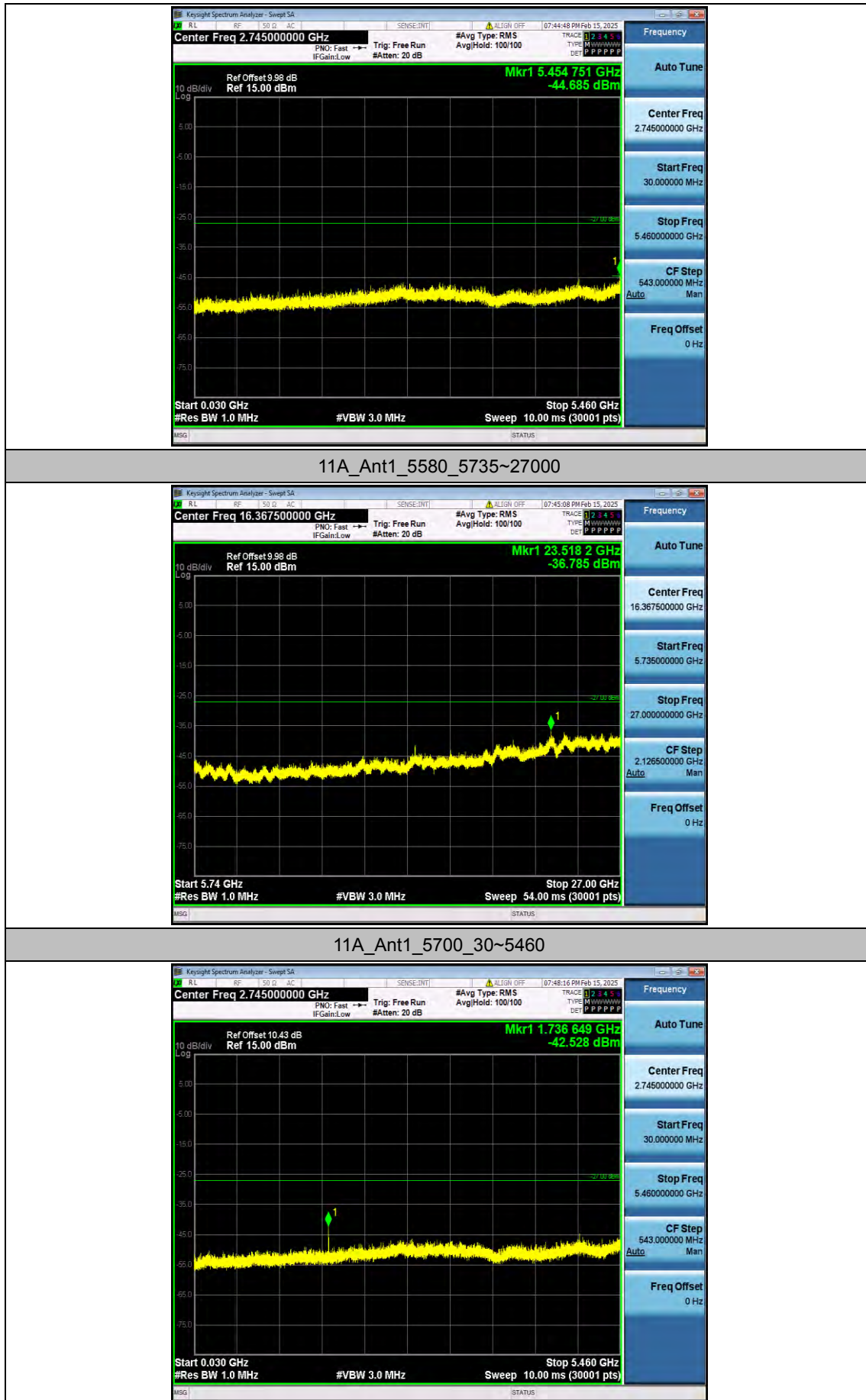
Appendix F.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5457.83	-40.95	≤-27	PASS
			5735~27000	24247.6	-36.93	≤-27	PASS
		5580	30~5460	5454.75	-44.69	≤-27	PASS
			5735~27000	23518.21	-36.79	≤-27	PASS
		5700	30~5460	1736.65	-42.53	≤-27	PASS
			5735~27000	24867.12	-37.02	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5459.46	-38.16	≤-27	PASS
			5735~27000	24878.46	-36.46	≤-27	PASS
		5580	30~5460	5369.68	-45.92	≤-27	PASS
			5735~27000	23524.59	-36.62	≤-27	PASS
		5700	30~5460	4906.14	-44.74	≤-27	PASS
			5735~27000	24239.8	-36.9	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5458.19	-39.65	≤-27	PASS
			5735~27000	26108.29	-37.22	≤-27	PASS
		5590	30~5460	2639.48	-46	≤-27	PASS
			5735~27000	24307.85	-37.2	≤-27	PASS
		5670	30~5460	4930.21	-45.57	≤-27	PASS
			5735~27000	24279.5	-36.9	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5459.64	-43.51	≤-27	PASS
			5735~27000	26682.44	-37.38	≤-27	PASS
		5580	30~5460	5457.83	-44.91	≤-27	PASS
			5735~27000	26455.62	-37.48	≤-27	PASS
		5700	30~5460	5452.76	-46.01	≤-27	PASS
			5735~27000	24176.72	-36.79	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5458.37	-37.42	≤-27	PASS
			5735~27000	24262.49	-36.58	≤-27	PASS
		5590	30~5460	5448.96	-46.04	≤-27	PASS
			5735~27000	23512.54	-36.65	≤-27	PASS
		5670	30~5460	5392.85	-44.95	≤-27	PASS
			5735~27000	24241.93	-36.89	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5459.82	-37.31	≤-27	PASS
			5735~27000	26525.79	-36.84	≤-27	PASS
		5610	30~5460	5457.83	-45.44	≤-27	PASS
			5735~27000	25580.92	-36.97	≤-27	PASS

Test Graphs

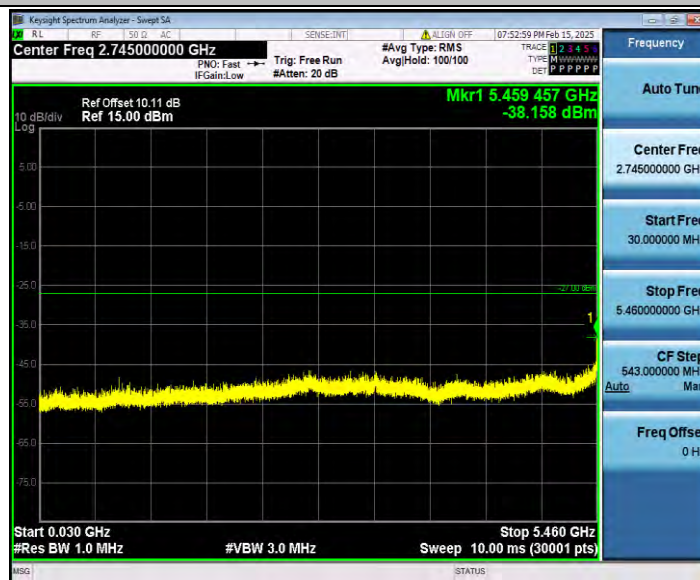




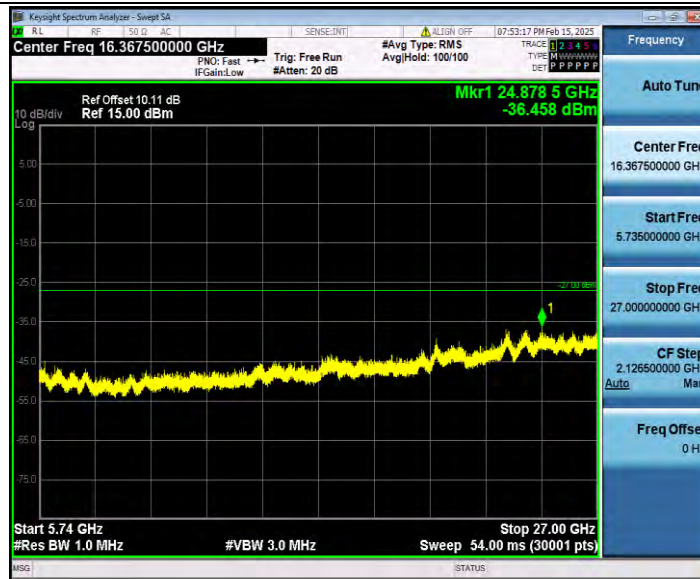
11A_Ant1_5700_5735~27000



11N20SISO_Ant1_5500_30~5460



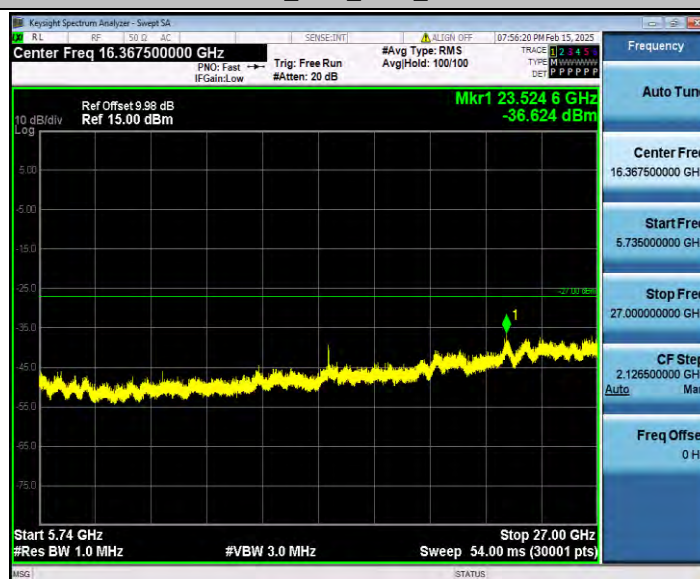
11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



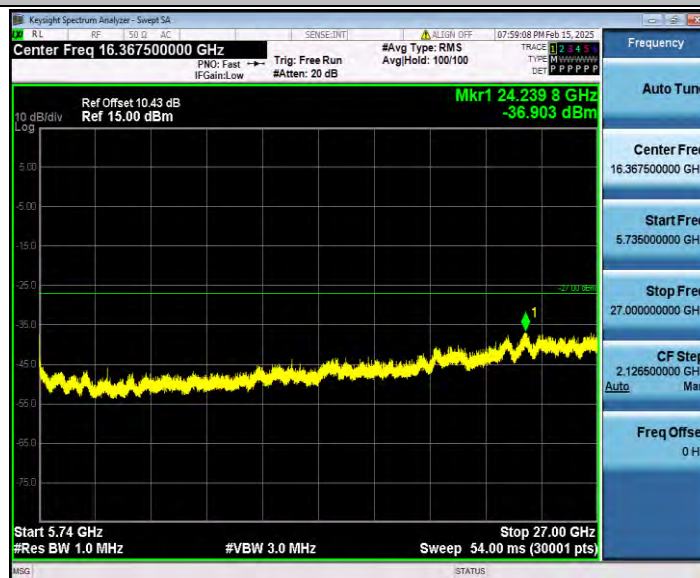
11N20SISO_Ant1_5580_5735~27000



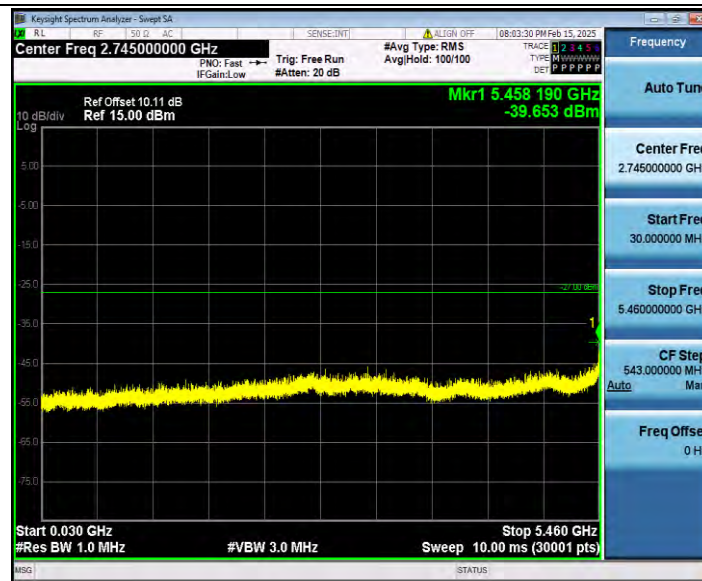
11N20SISO_Ant1_5700_30~5460



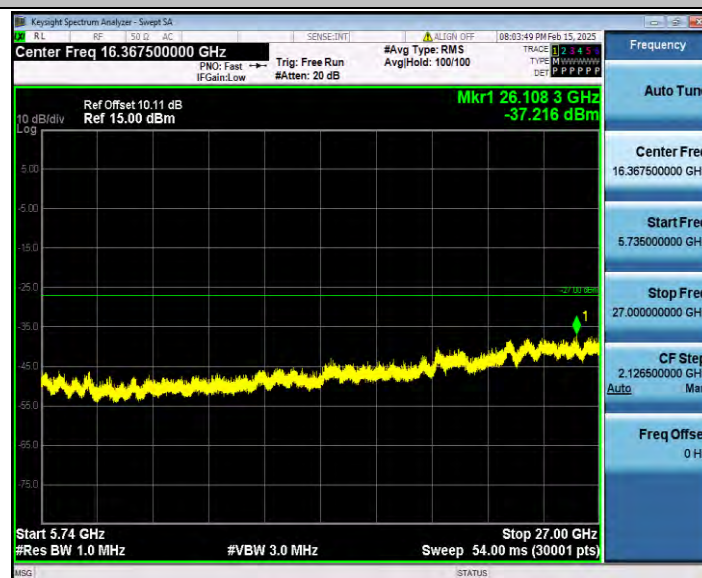
11N20SISO_Ant1_5700_5735~27000



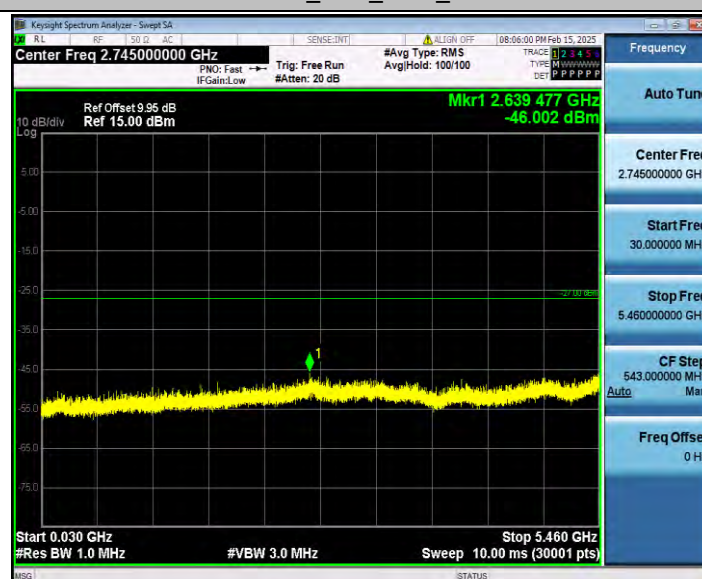
11N40SISO_Ant1_5510_30~5460



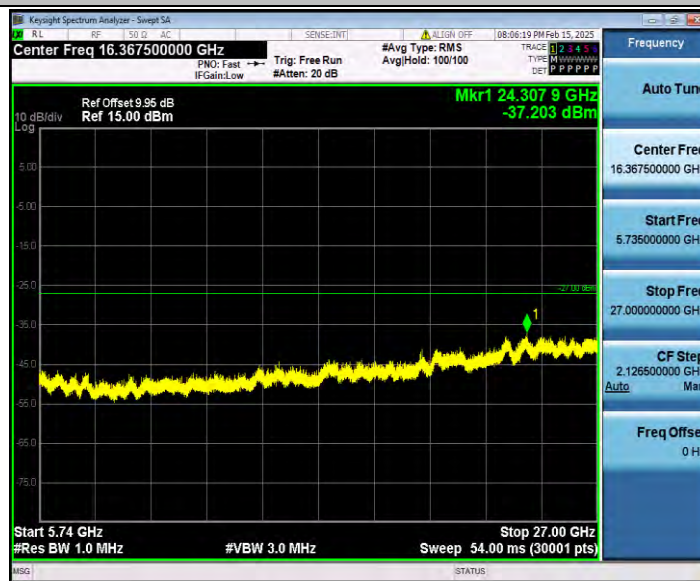
11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~27000



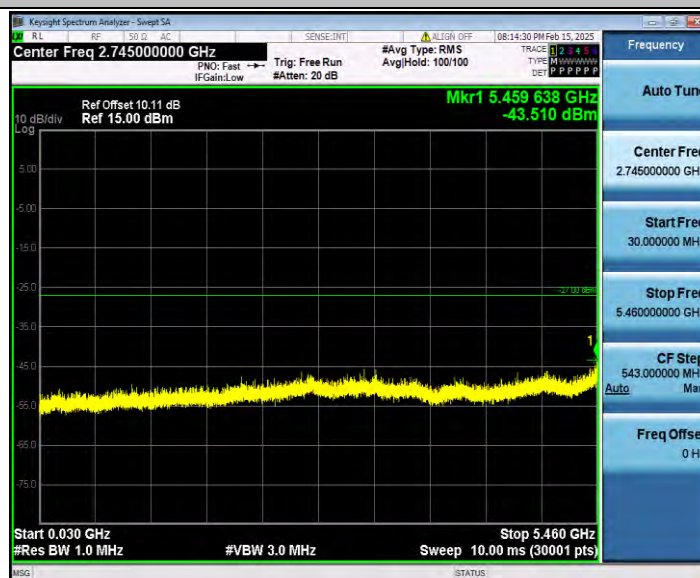
11N40SISO_Ant1_5670_30~5460



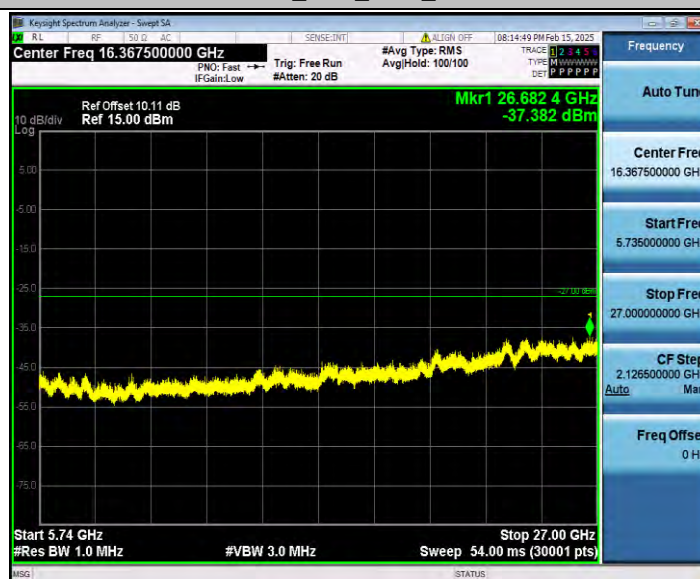
11N40SISO_Ant1_5670_5735~27000



11AC20SISO_Ant1_5500_30~5460



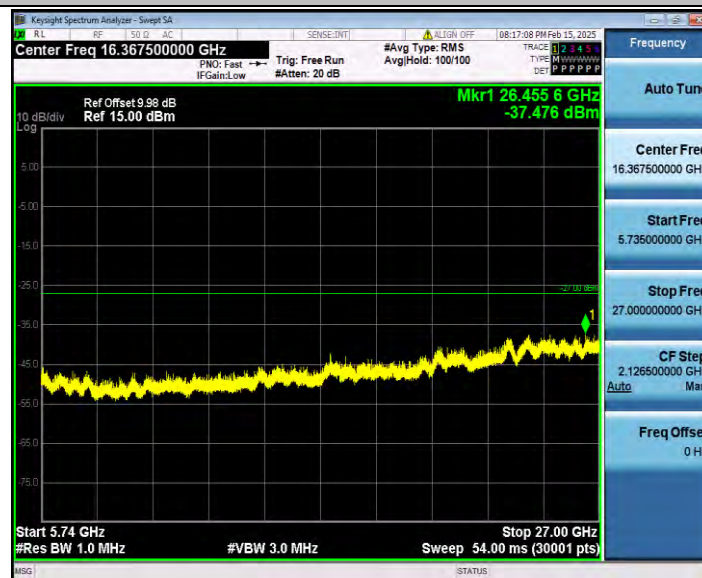
11AC20SISO_Ant1_5500_5735~27000



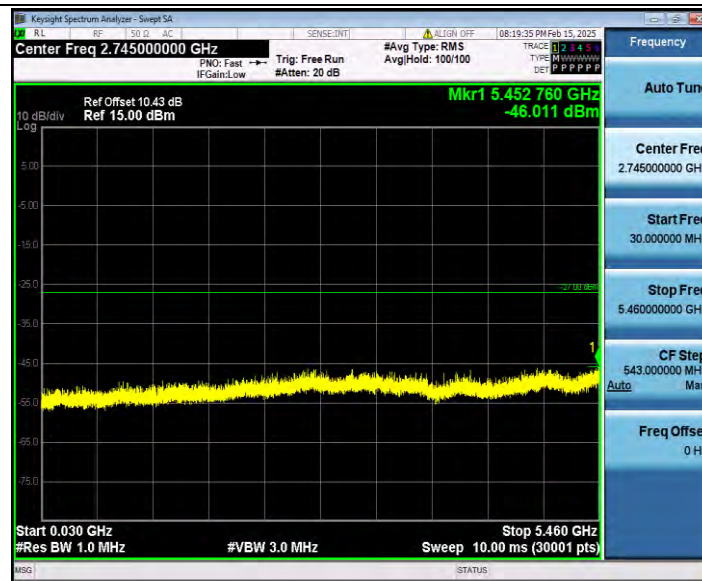
11AC20SISO_Ant1_5580_30~5460



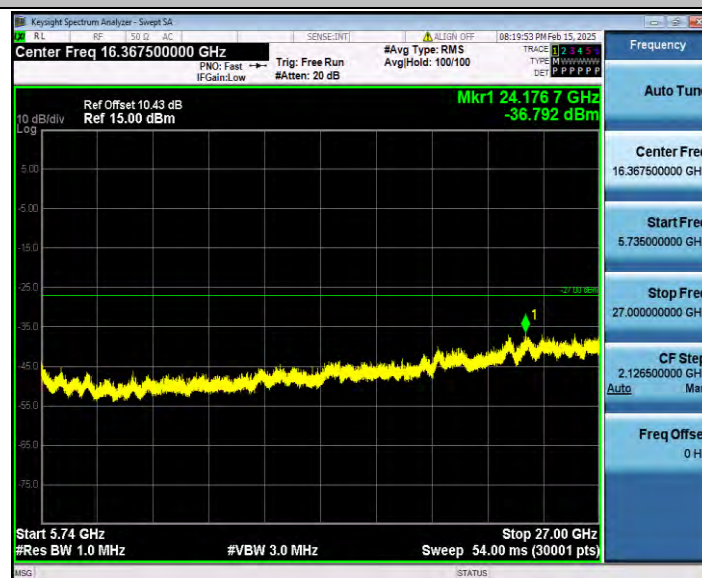
11AC20SISO_Ant1_5580_5735~27000



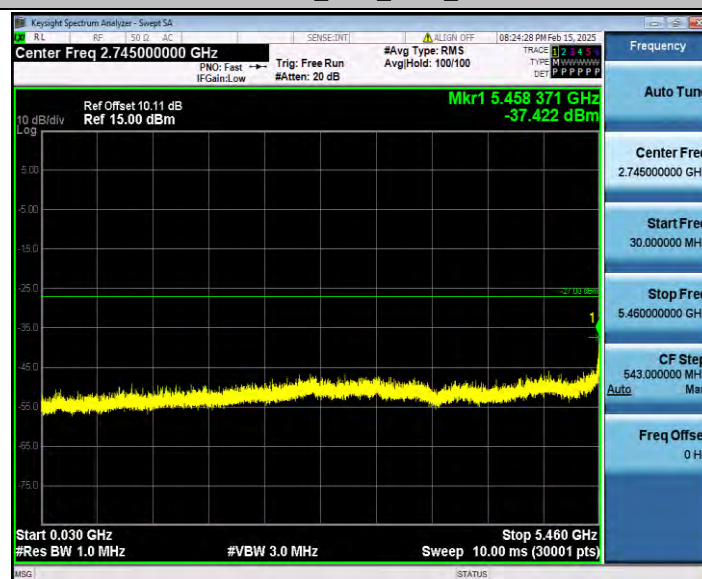
11AC20SISO_Ant1_5700_30~5460



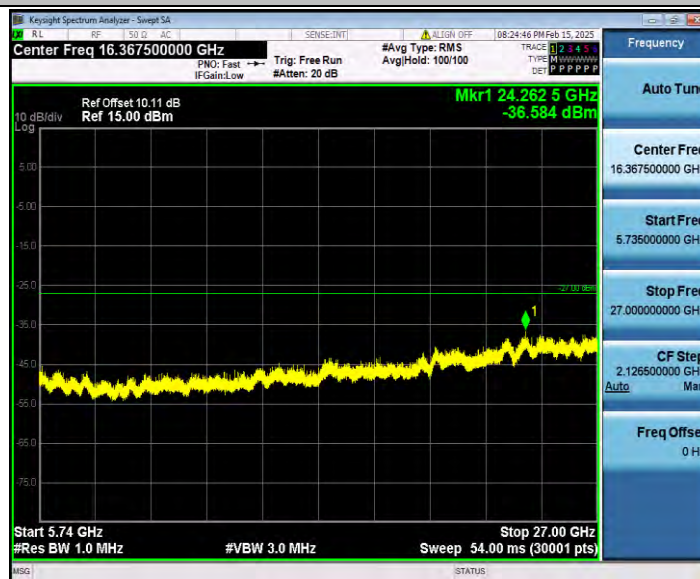
11AC20SISO_Ant1_5700_5735~27000



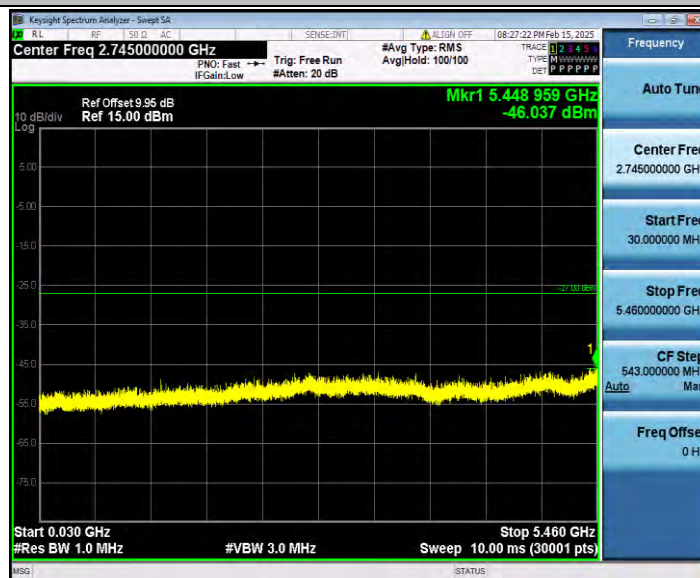
11AC40SISO_Ant1_5510_30~5460



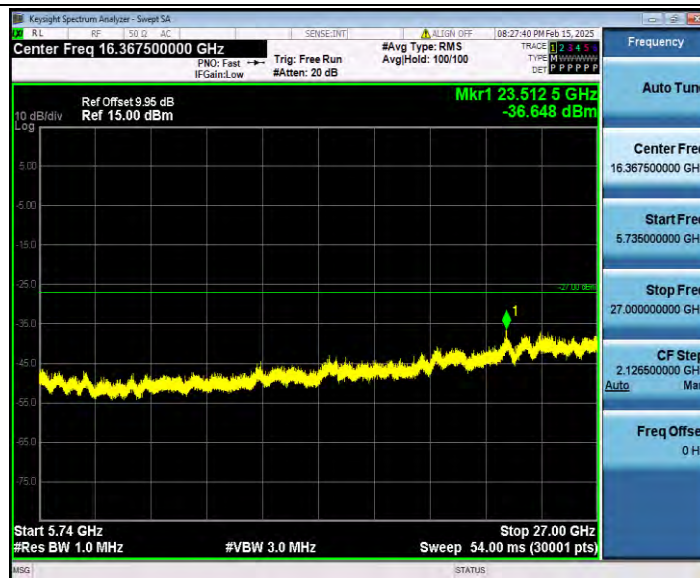
11AC40SISO_Ant1_5510_5735~27000



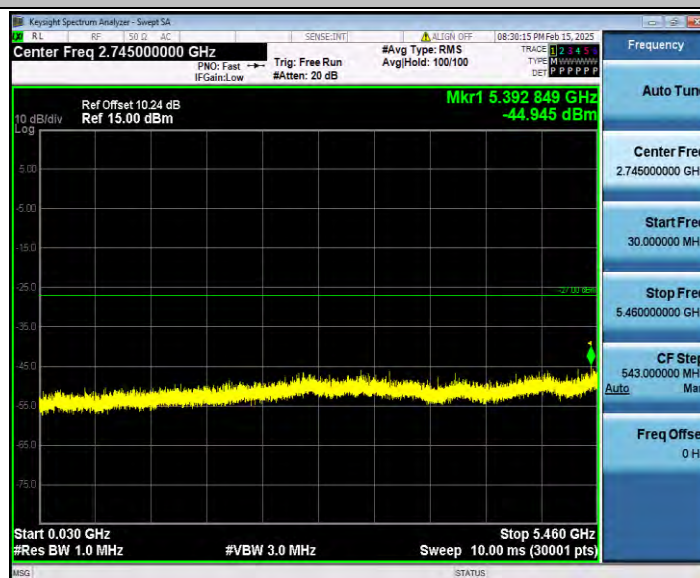
11AC40SISO_Ant1_5590_30~5460



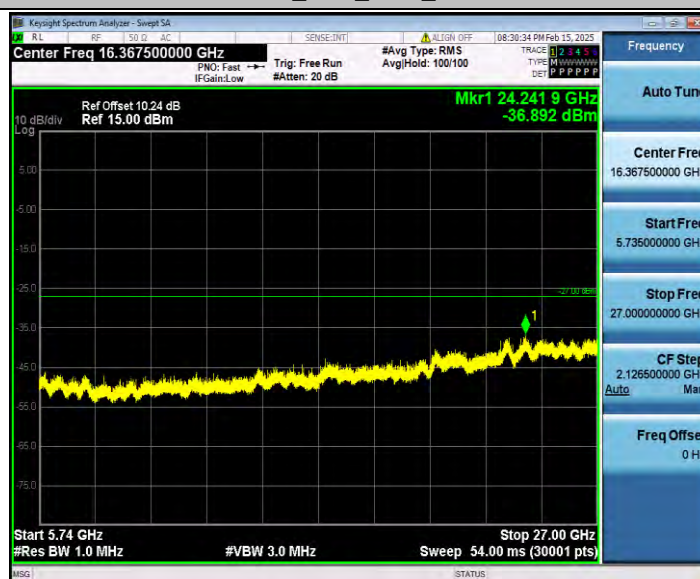
11AC40SISO_Ant1_5590_5735~27000



11AC40SISO_Ant1_5670_30~5460



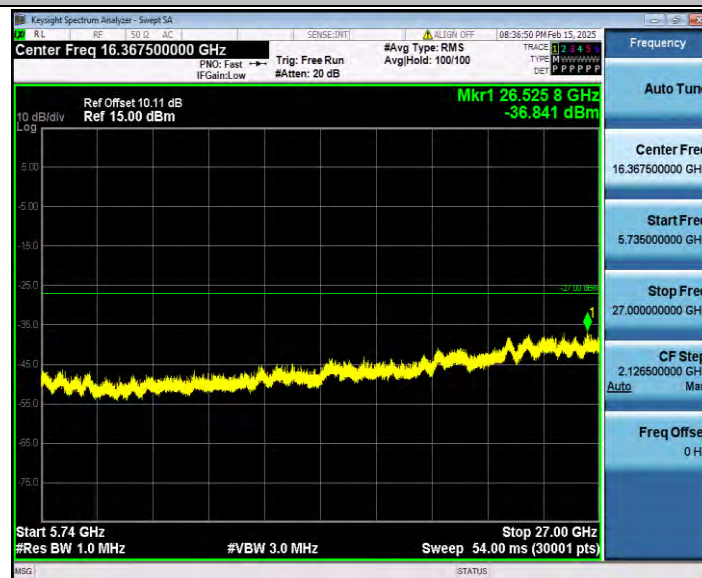
11AC40SISO_Ant1_5670_5735~27000



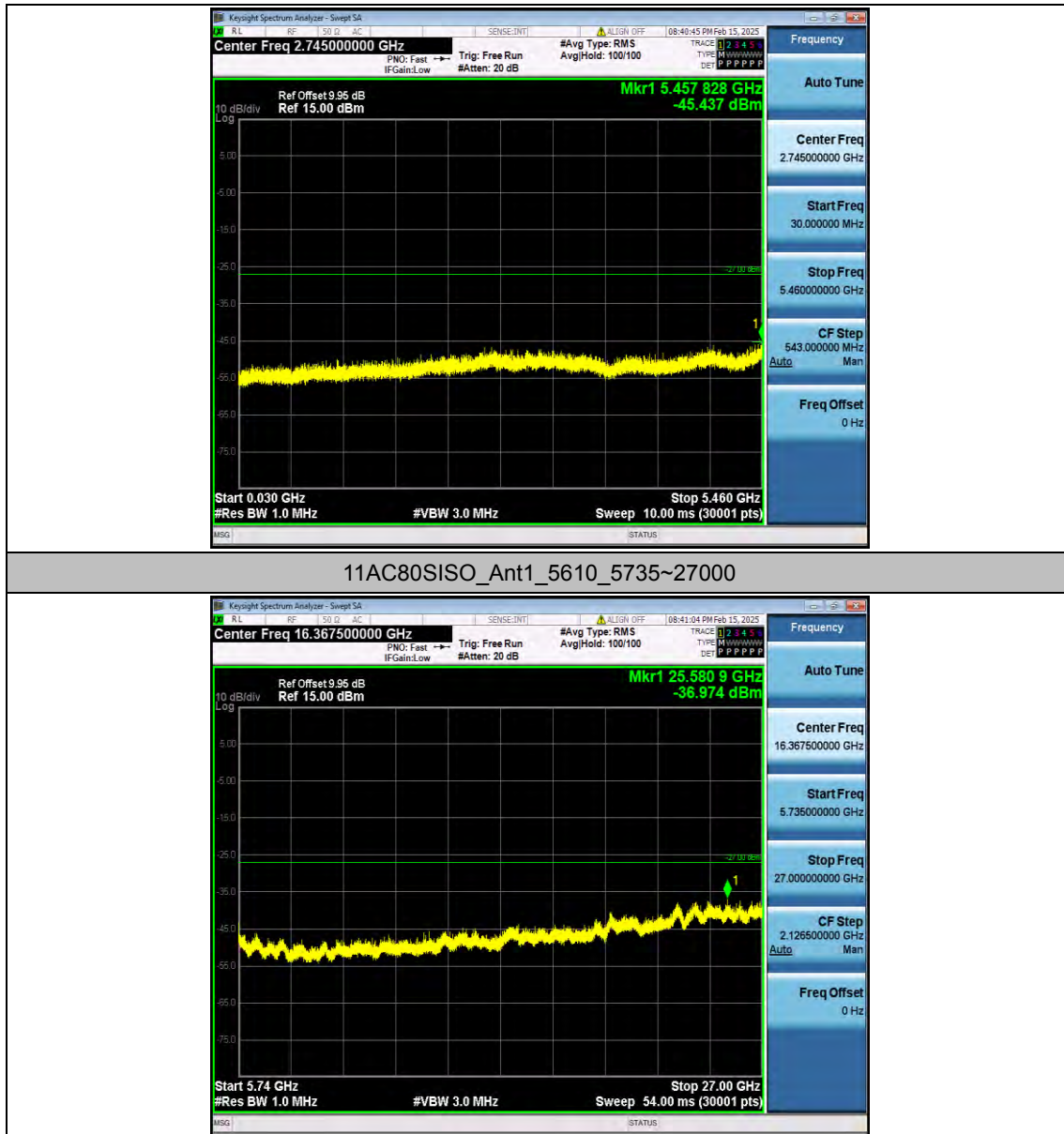
11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~27000



11AC80SISO_Ant1_5610_30~5460



Appendix F.8: Emissions in Restricted Bands

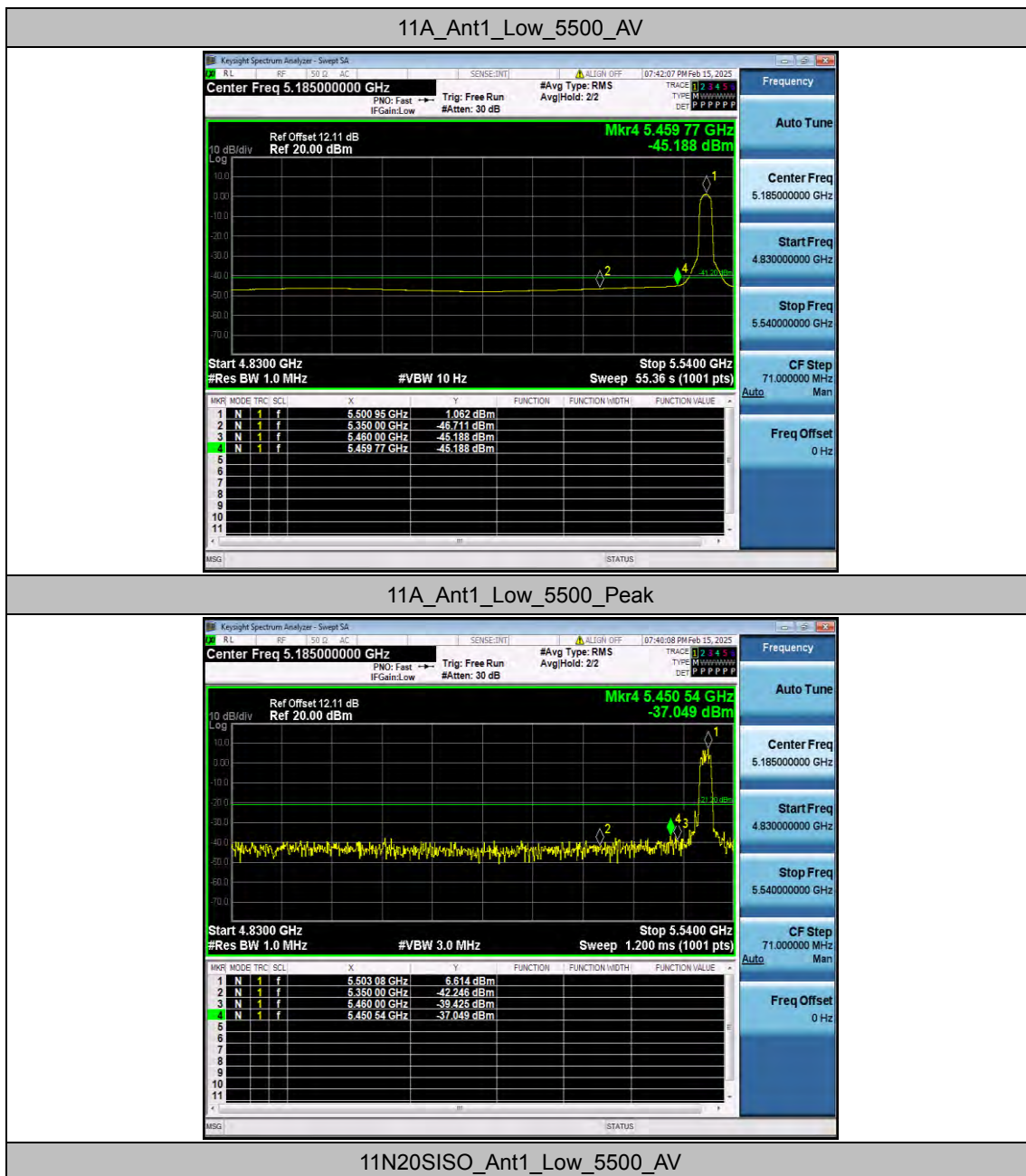
Test Result

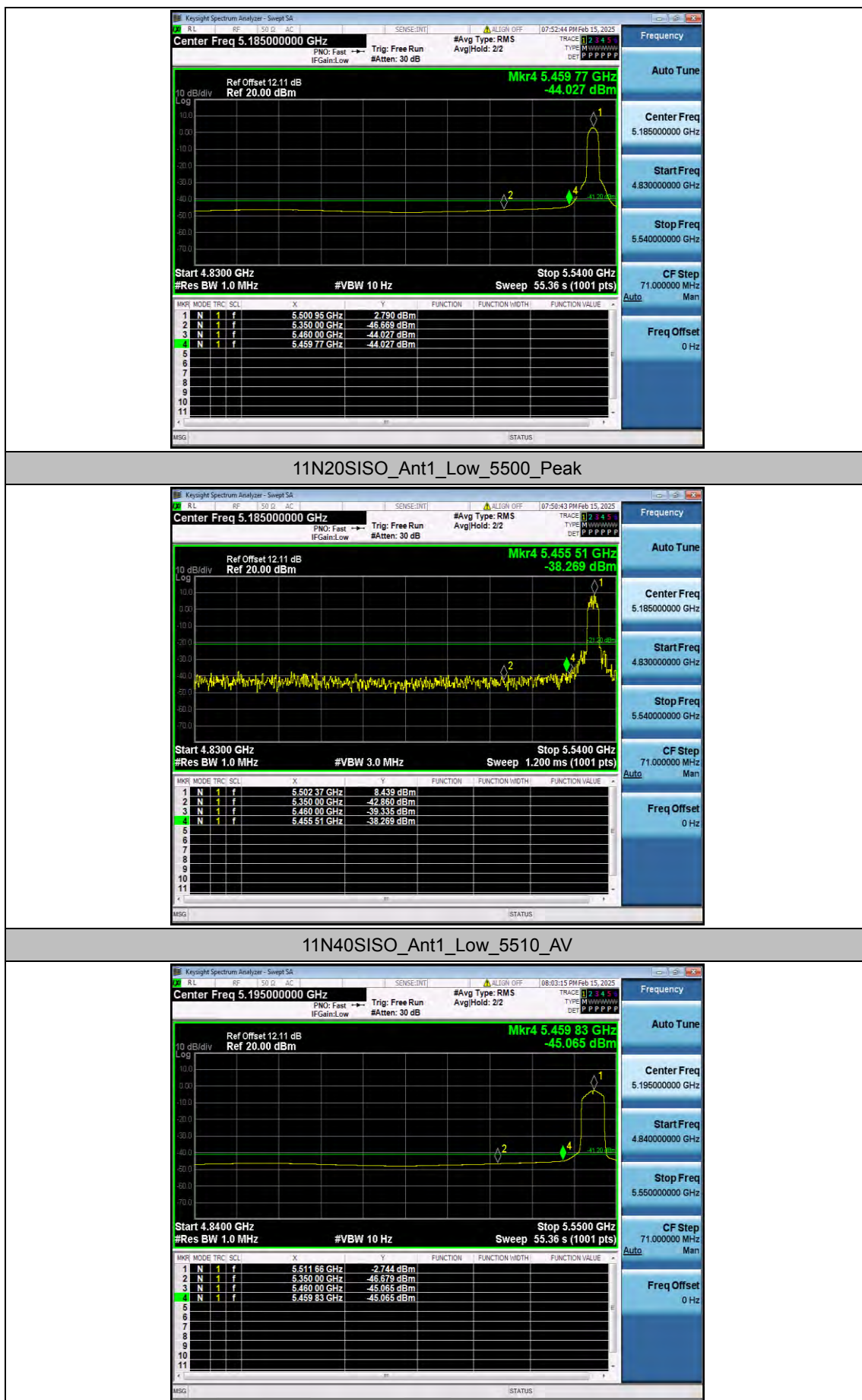
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5500	AV	5350.000	-46.71	≤-41.20	48.49	≤54	PASS
				AV	5459.770	-45.19	≤-41.20	50.01	≤54	PASS
				AV	5460.000	-45.19	≤-41.20	50.01	≤54	PASS
				Peak	5350.000	-42.25	≤-21.20	52.95	≤74	PASS
				Peak	5450.540	-37.05	≤-21.20	58.15	≤74	PASS
				Peak	5460.000	-39.43	≤-21.20	55.77	≤74	PASS
11N20SIS O	Ant1	Low	5500	AV	5350.000	-46.67	≤-41.20	48.53	≤54	PASS
				AV	5459.770	-44.03	≤-41.20	51.17	≤54	PASS
				AV	5460.000	-44.03	≤-41.20	51.17	≤54	PASS
				Peak	5350.000	-42.86	≤-21.20	52.34	≤74	PASS
				Peak	5455.510	-38.27	≤-21.20	56.93	≤74	PASS
				Peak	5460.000	-39.34	≤-21.20	55.86	≤74	PASS
11N40SIS O	Ant1	Low	5510	AV	5350.000	-46.68	≤-41.20	48.52	≤54	PASS
				AV	5459.830	-45.07	≤-41.20	50.13	≤54	PASS
				AV	5460.000	-45.07	≤-41.20	50.13	≤54	PASS
				Peak	5350.000	-41.11	≤-21.20	54.09	≤74	PASS
				Peak	5441.370	-35.87	≤-21.20	59.33	≤74	PASS
				Peak	5460.000	-38.21	≤-21.20	56.99	≤74	PASS
11AC20SI SO	Ant1	Low	5500	AV	5350.000	-46.72	≤-41.20	48.48	≤54	PASS
				AV	5459.770	-45.35	≤-41.20	49.85	≤54	PASS
				AV	5460.000	-45.36	≤-41.20	49.84	≤54	PASS
				Peak	5350.000	-46.76	≤-21.20	48.44	≤74	PASS
				Peak	5429.950	-38.79	≤-21.20	56.41	≤74	PASS
				Peak	5460.000	-39.81	≤-21.20	55.39	≤74	PASS
11AC40SI SO	Ant1	Low	5510	AV	5350.000	-46.66	≤-41.20	48.54	≤54	PASS
				AV	5459.830	-44.77	≤-41.20	50.43	≤54	PASS
				AV	5460.000	-44.77	≤-41.20	50.43	≤54	PASS
				Peak	5350.000	-43.29	≤-21.20	51.91	≤74	PASS
				Peak	5428.590	-36.99	≤-21.20	58.21	≤74	PASS
				Peak	5460.000	-40.56	≤-21.20	54.64	≤74	PASS
11AC80SI SO	Ant1	Low	5530	AV	5350.000	-46.67	≤-41.20	48.53	≤54	PASS
				AV	5458.530	-43.44	≤-41.20	51.76	≤54	PASS
				AV	5460.000	-43.44	≤-41.20	51.76	≤54	PASS
				Peak	5350.000	-44.69	≤-21.20	50.51	≤74	PASS
				Peak	5442.910	-34.92	≤-21.20	60.28	≤74	PASS
				Peak	5460.000	-41.54	≤-21.20	53.66	≤74	PASS

Note:

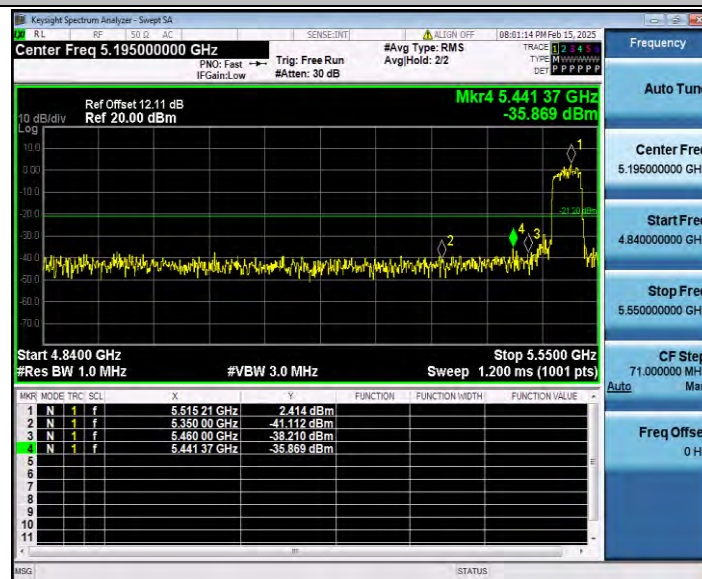
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

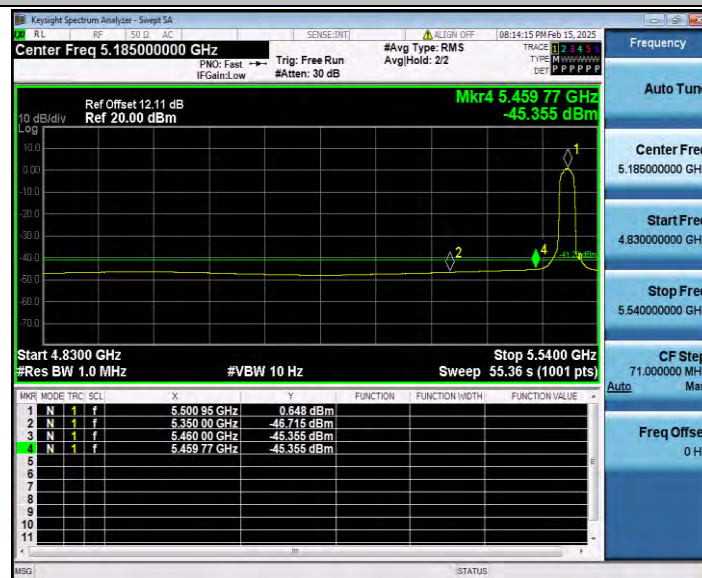




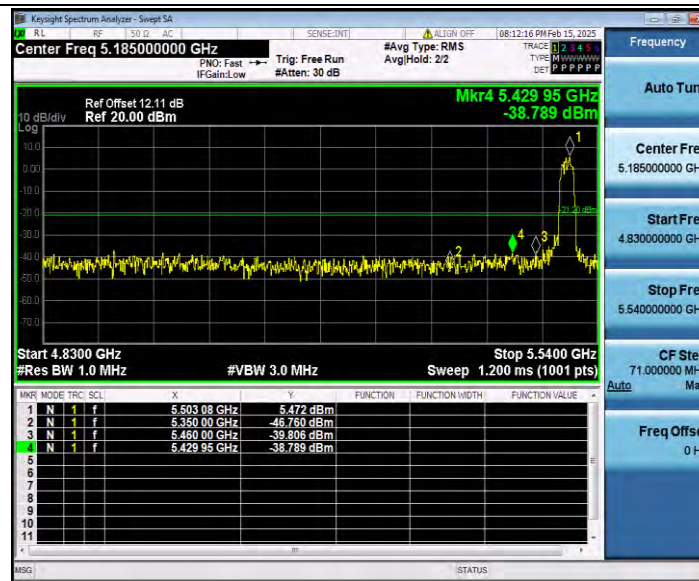
11N40SISO_Ant1_Low_5510_Peak



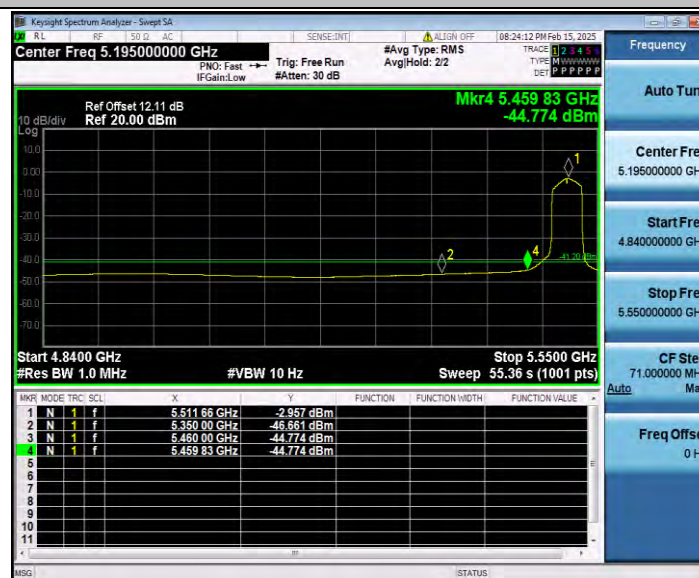
11AC20SISO_Ant1_Low_5500_AV



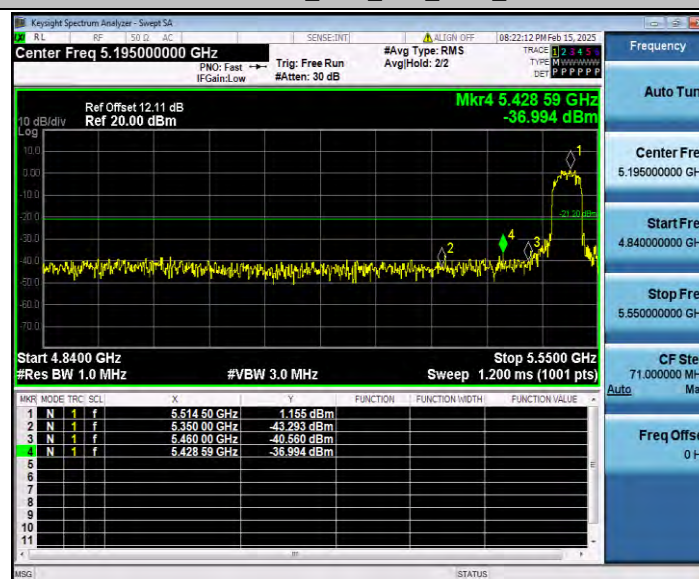
11AC20SISO_Ant1_Low_5500_Peak



11AC40SISO_Ant1_Low_5510_AV



11AC40SISO_Ant1_Low_5510_Peak



11AC80SISO_Ant1_Low_5530_AV



11AC80SISO_Ant1_Low_5530_Peak

