

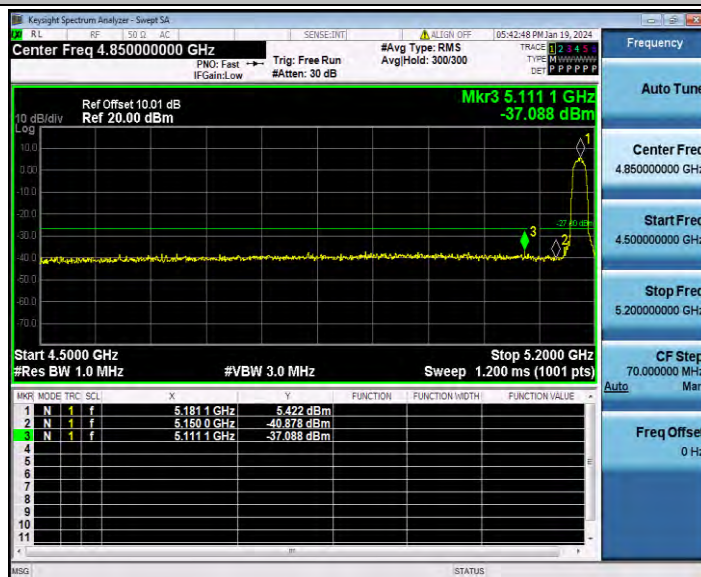
Appendix D.6: Band edge measurements

Test Result B1

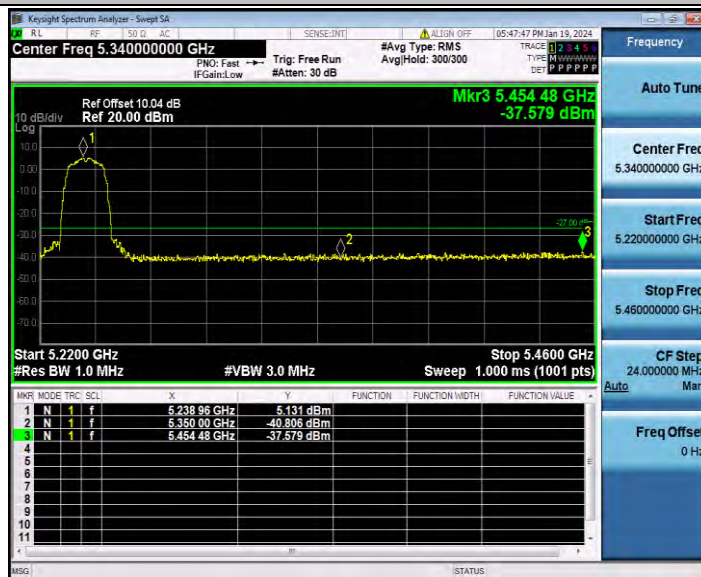
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.09	≤ -27	PASS
		High	5240	-37.58	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.92	≤ -27	PASS
		High	5240	-37.48	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.07	≤ -27	PASS
		High	5230	-36.72	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.48	≤ -27	PASS
		High	5240	-37.19	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.43	≤ -27	PASS
		High	5230	-38.09	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-36.65	≤ -27	PASS
		High	5210	-36.98	≤ -27	PASS

Test Graphs B1

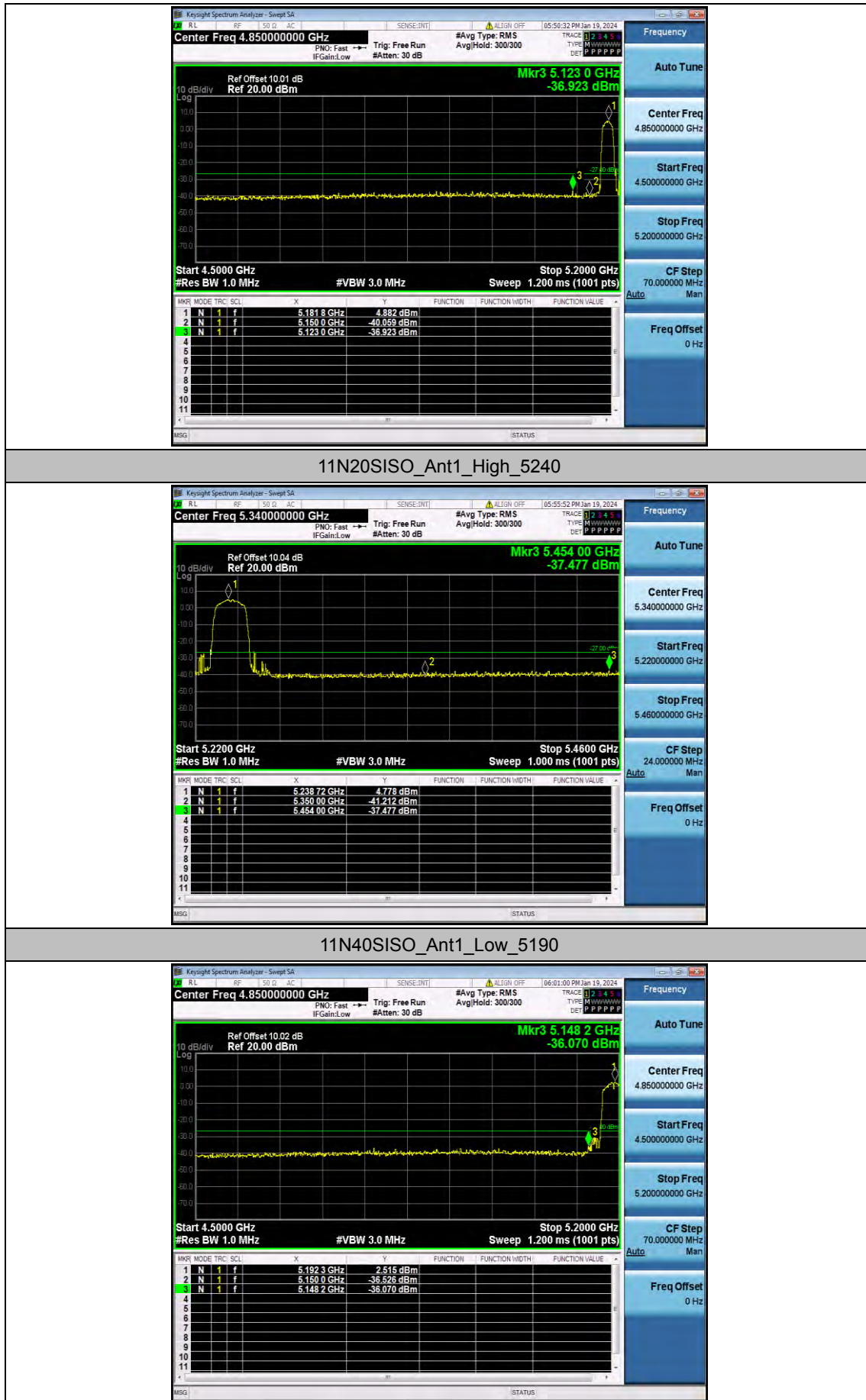
11A_Ant1_Low_5180



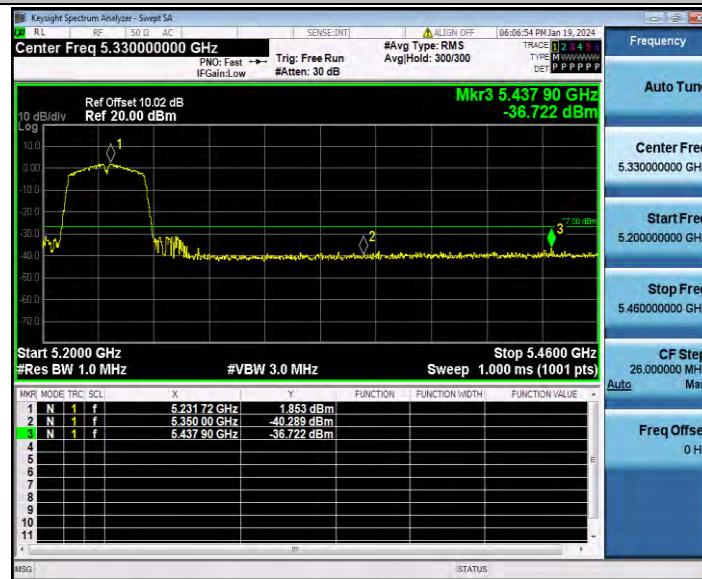
11A_Ant1_High_5240



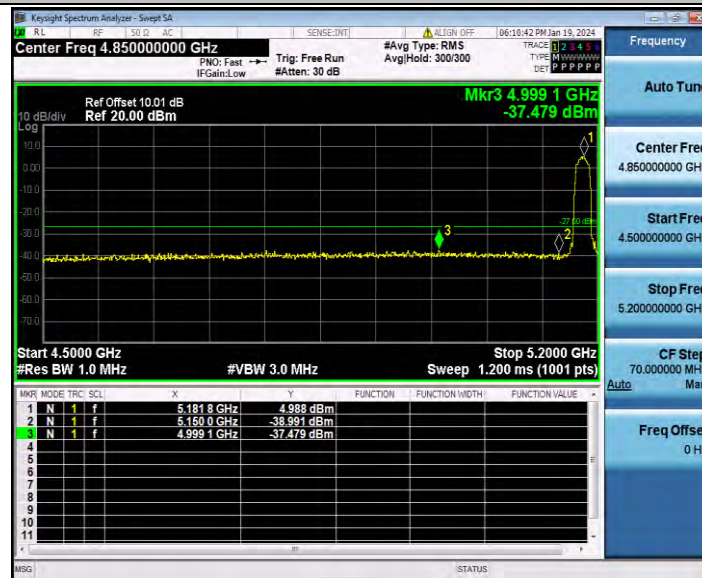
11N20SISO_Ant1_Low_5180



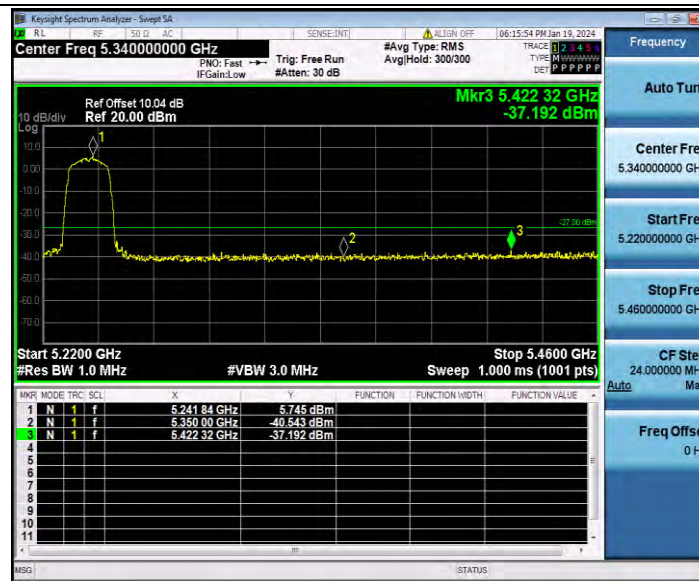
11N40SISO_Ant1_High_5230



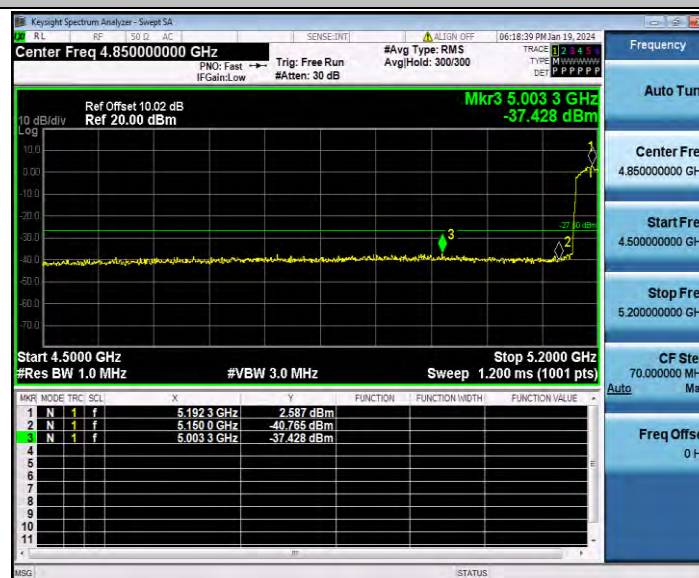
11AC20SISO_Ant1_Low_5180



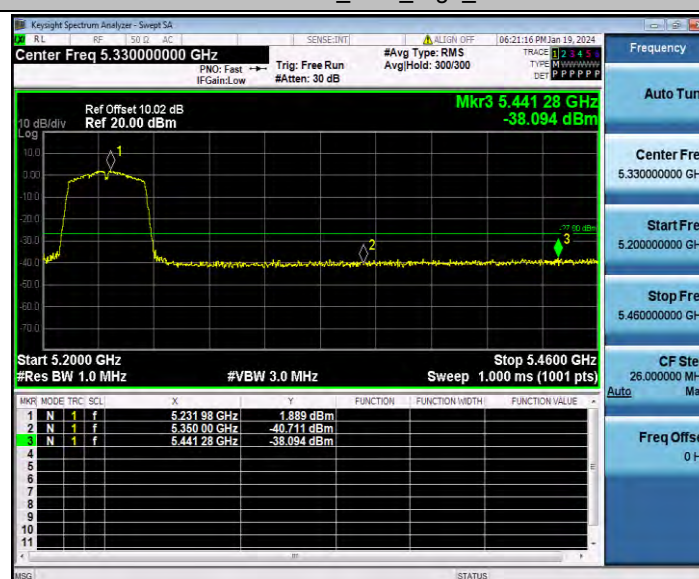
11AC20SISO_Ant1_High_5240



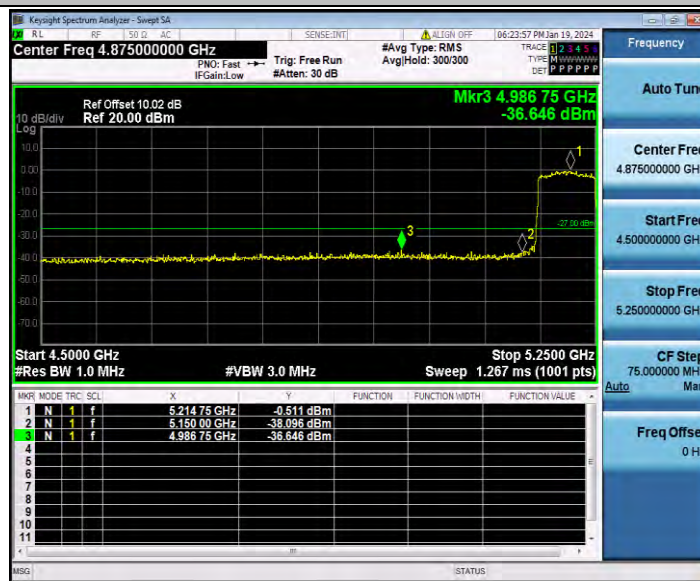
11AC40SISO_Ant1_Low_5190



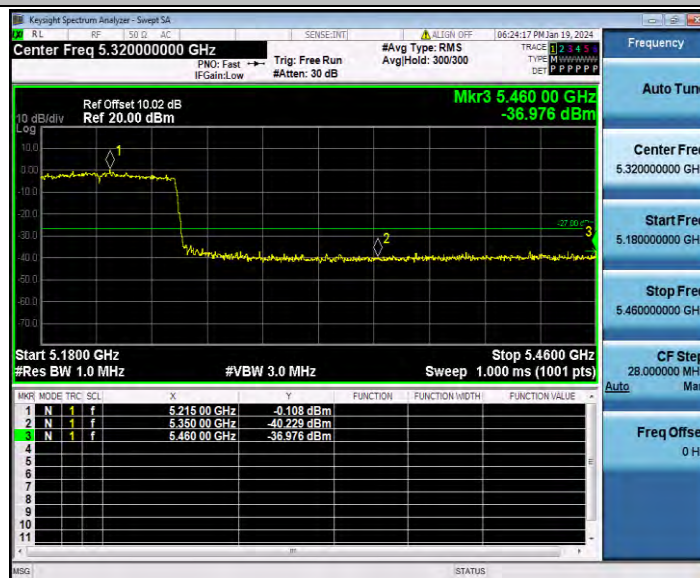
11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210

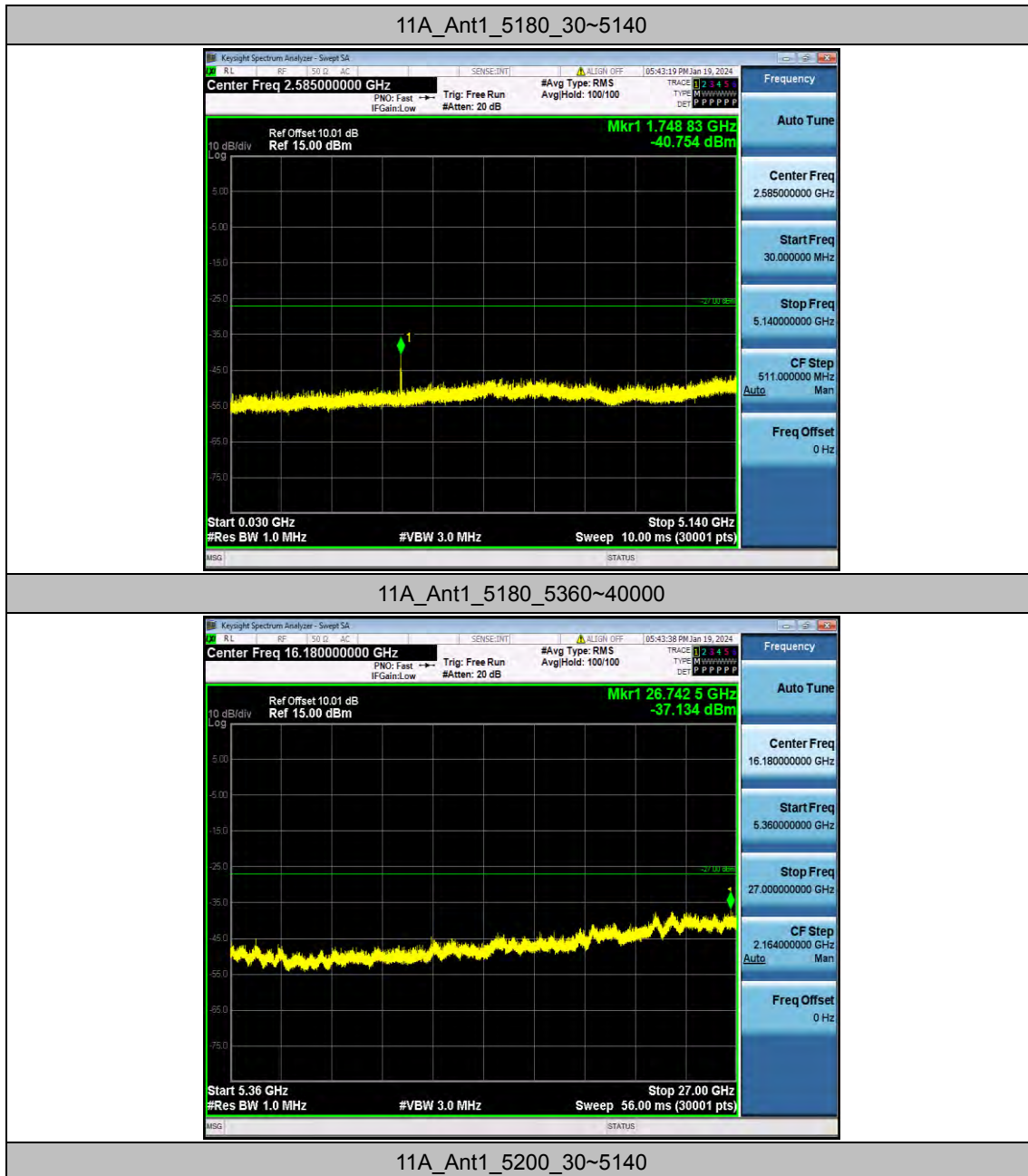


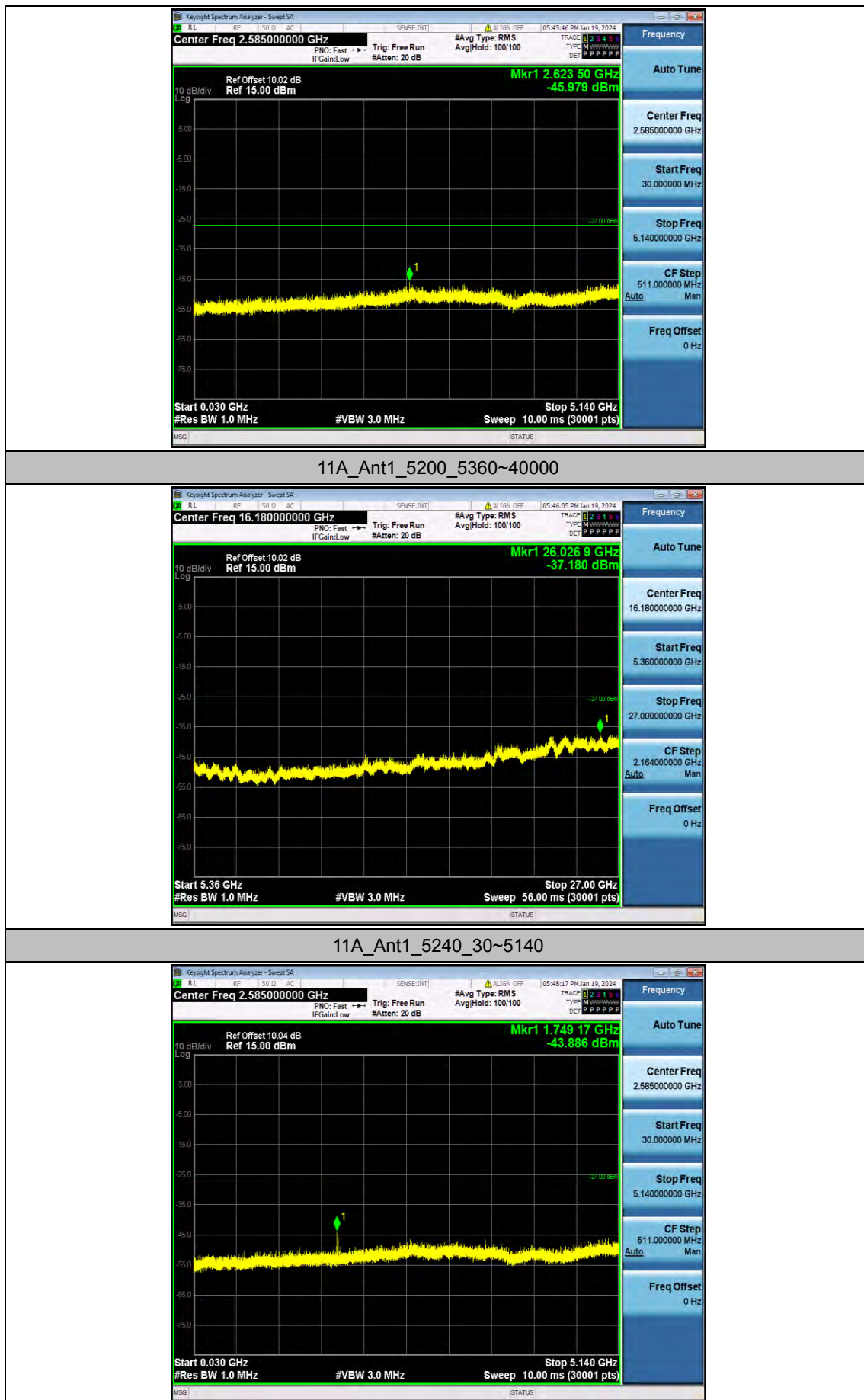
Appendix D.7: Conducted Spurious Emission

Test Result

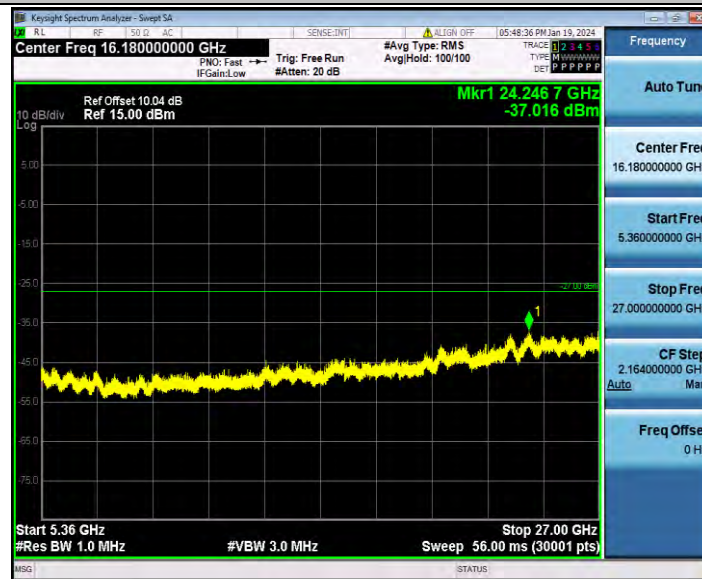
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	1748.83	-40.75	≤-27	PASS
			5360~40000	26742.48	-37.13	≤-27	PASS
		5200	30~5140	2623.5	-45.98	≤-27	PASS
			5360~40000	26026.92	-37.18	≤-27	PASS
		5240	30~5140	1749.17	-43.89	≤-27	PASS
			5360~40000	24246.67	-37.02	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	1749.52	-44.46	≤-27	PASS
			5360~40000	26094.73	-35.95	≤-27	PASS
		5200	30~5140	4985.51	-45.87	≤-27	PASS
			5360~40000	24240.18	-37.1	≤-27	PASS
		5240	30~5140	1743.72	-41.18	≤-27	PASS
			5360~40000	24164.44	-37.22	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	4995.56	-44.94	≤-27	PASS
			5360~40000	26528.25	-37.63	≤-27	PASS
		5230	30~5140	1740.32	-42.86	≤-27	PASS
			5360~40000	25193.06	-36.42	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	3323.05	-45.44	≤-27	PASS
			5360~40000	25560.22	-37.3	≤-27	PASS
		5200	30~5140	5132.34	-46.56	≤-27	PASS
			5360~40000	24235.13	-37.48	≤-27	PASS
		5240	30~5140	3185.08	-45.51	≤-27	PASS
			5360~40000	25537.14	-37.34	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	3156.13	-45.56	≤-27	PASS
			5360~40000	24308.71	-37.52	≤-27	PASS
		5230	30~5140	4943.61	-46.13	≤-27	PASS
			5360~40000	26046.4	-36.4	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5119.22	-42.37	≤-27	PASS
			5360~40000	24212.77	-37.31	≤-27	PASS

Test Graphs

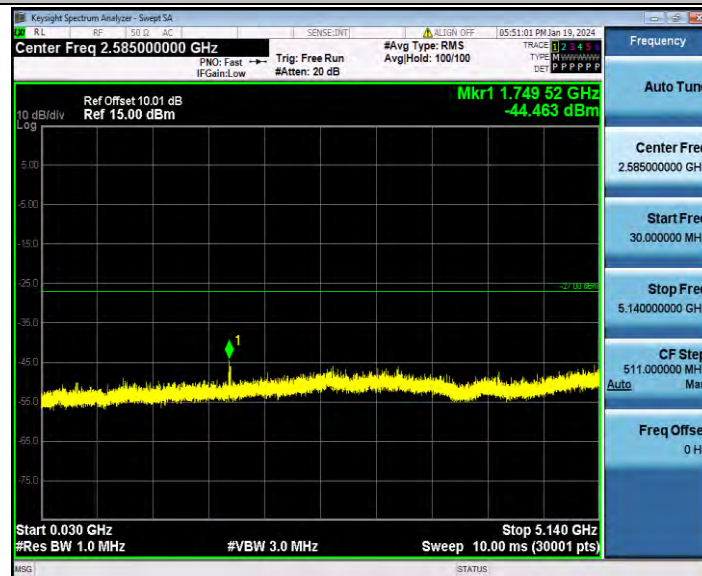




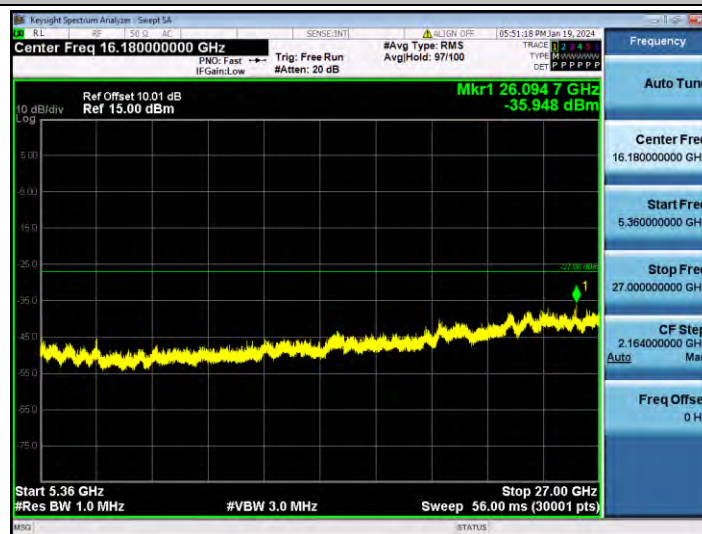
11A_Ant1_5240_5360~40000



11N20SISO_Ant1_5180_30~5140



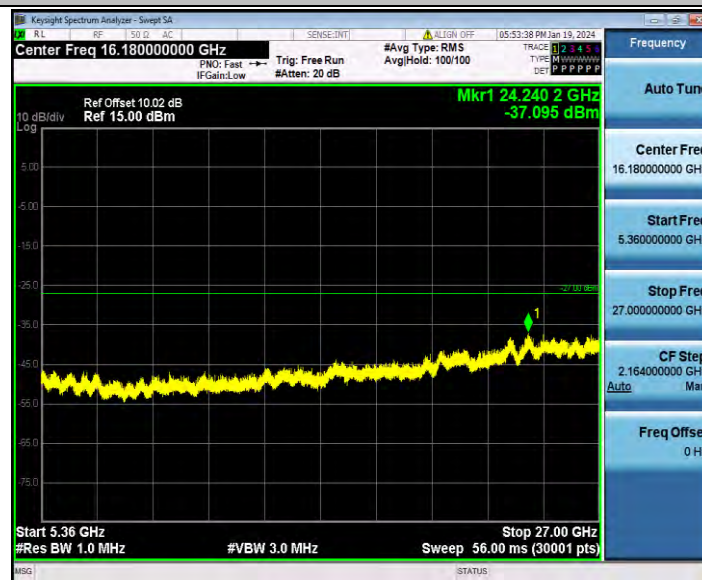
11N20SISO_Ant1_5180_5360~40000



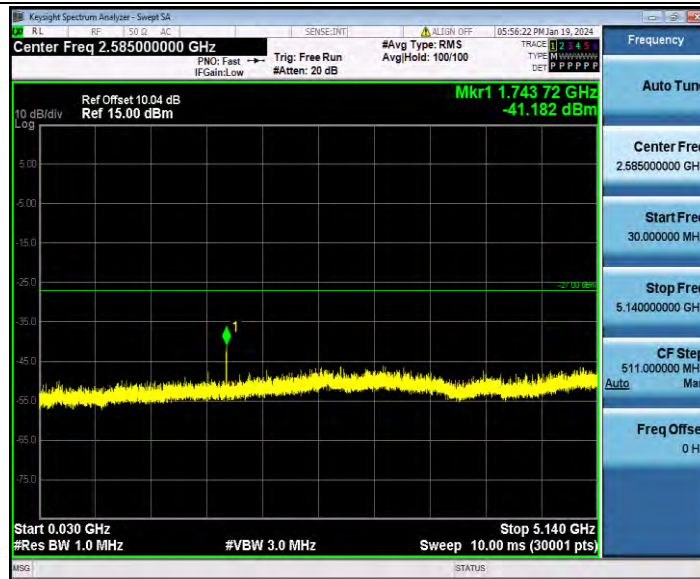
11N20SISO_Ant1_5200_30~5140



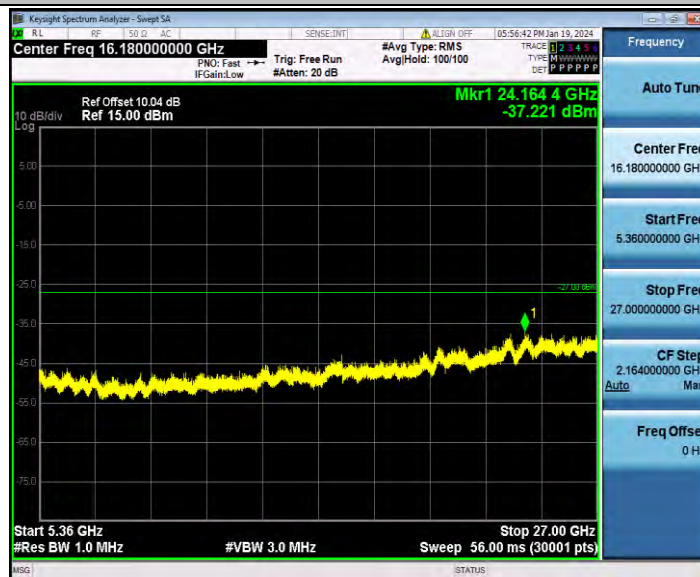
11N20SISO_Ant1_5200_5360~40000



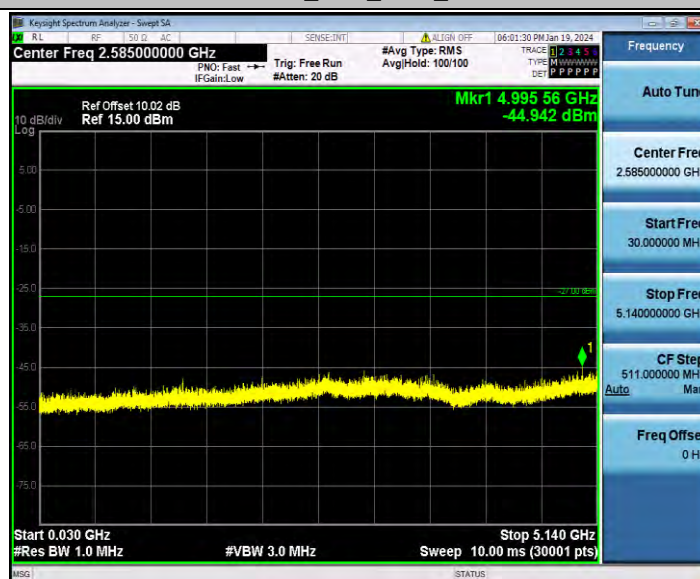
11N20SISO_Ant1_5240_30~5140



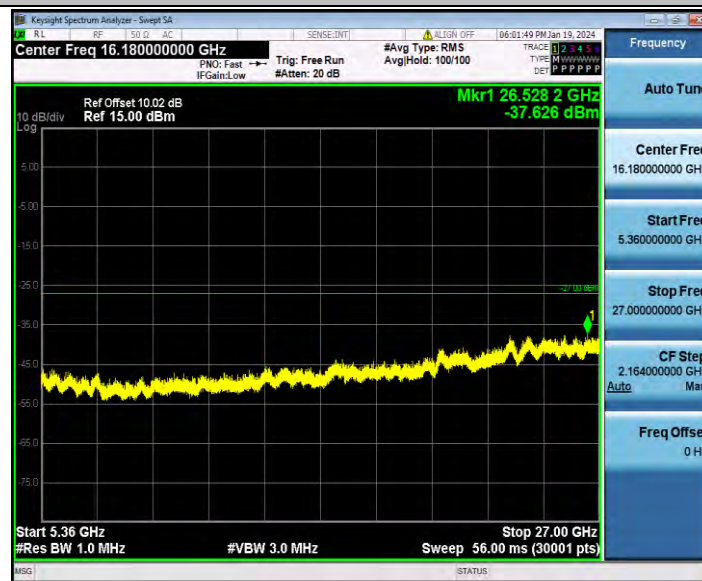
11N20SISO_Ant1_5240_5360~40000



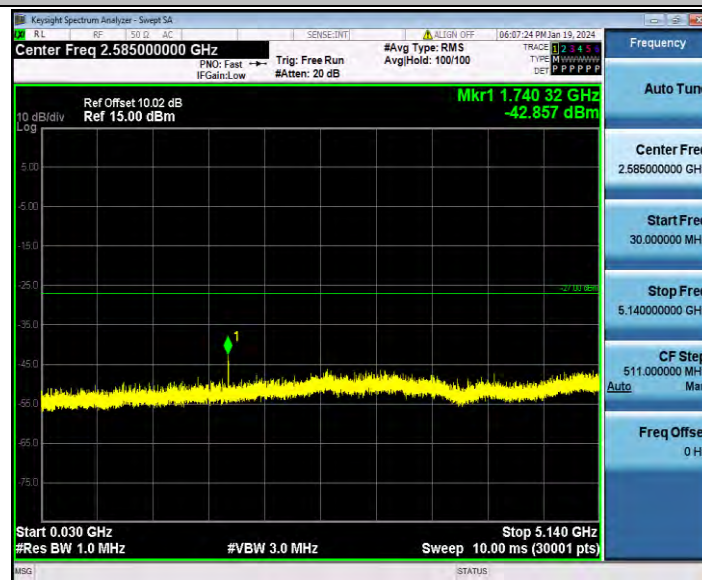
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~40000



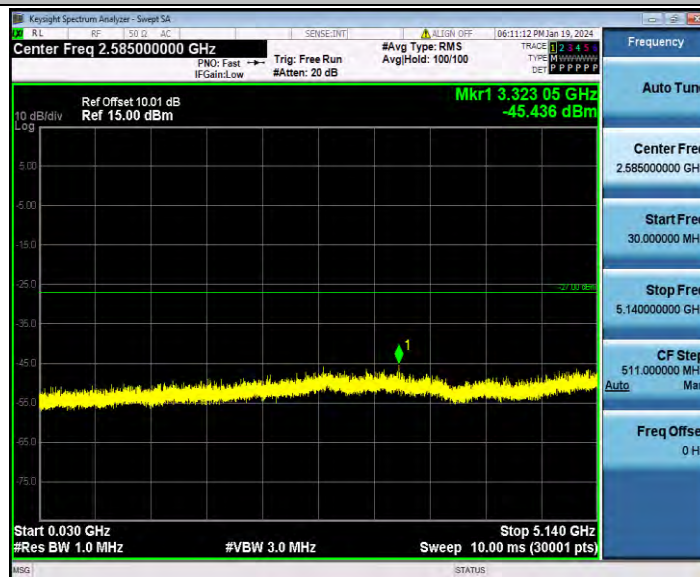
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



11AC20SISO_Ant1_5180_30~5140



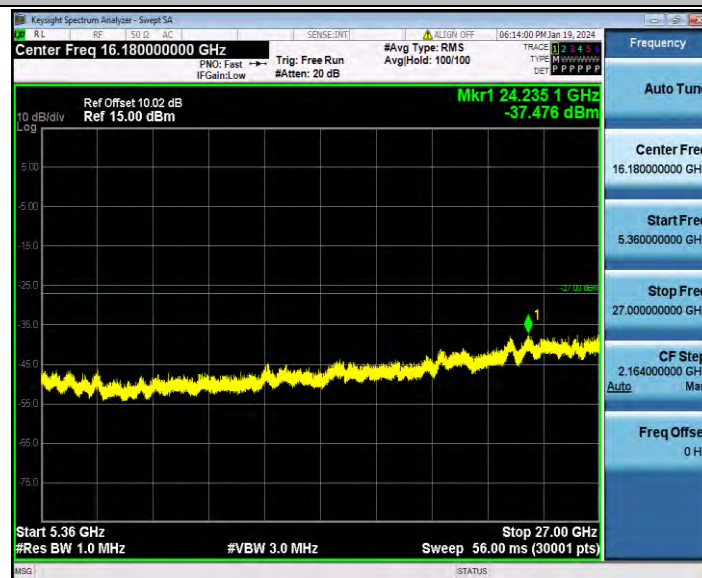
11AC20SISO_Ant1_5180_5360~40000



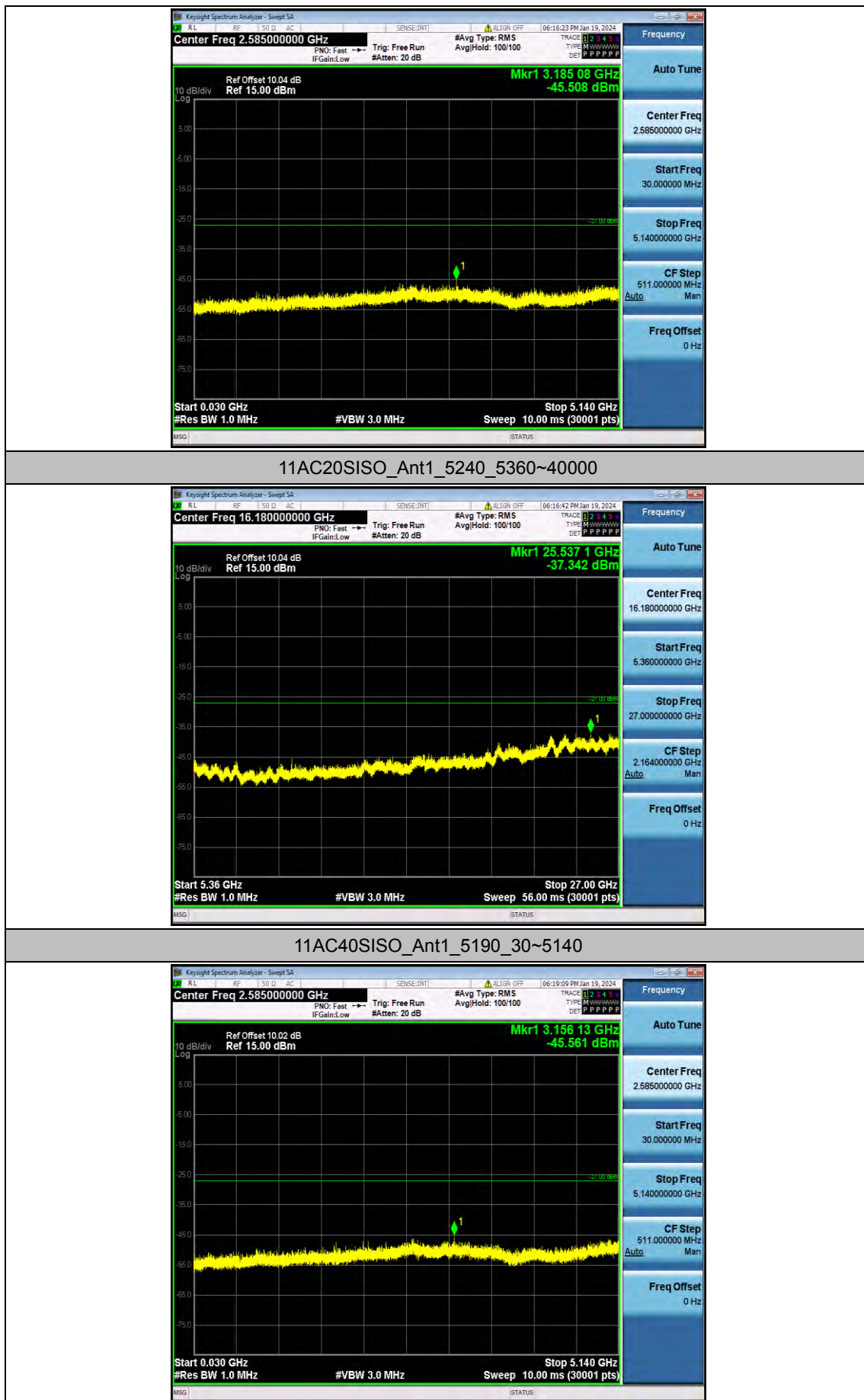
11AC20SISO_Ant1_5200_30~5140



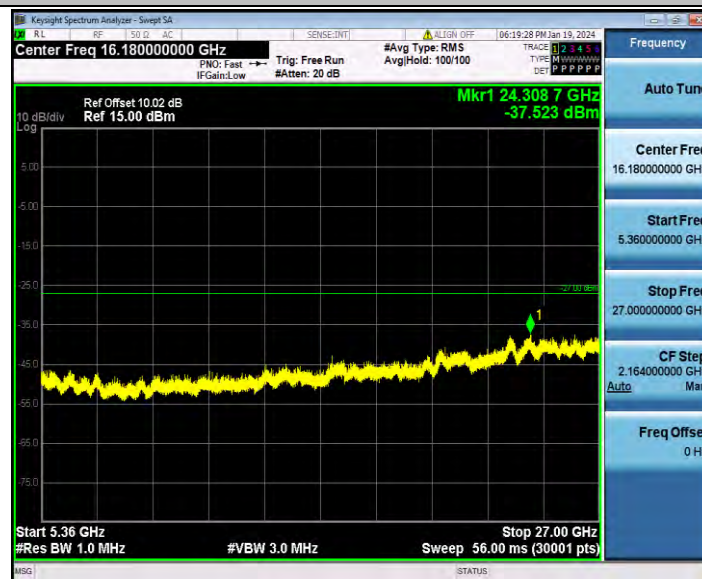
11AC20SISO_Ant1_5200_5360~40000



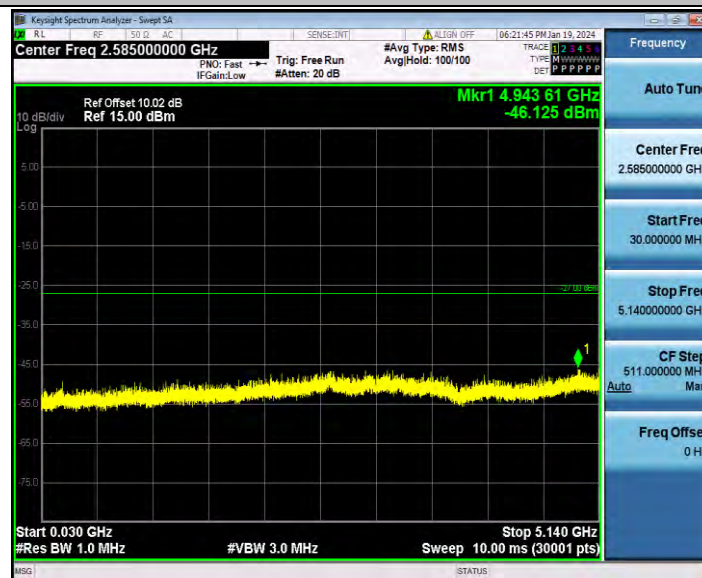
11AC20SISO_Ant1_5240_30~5140



11AC40SISO_Ant1_5190_5360~40000



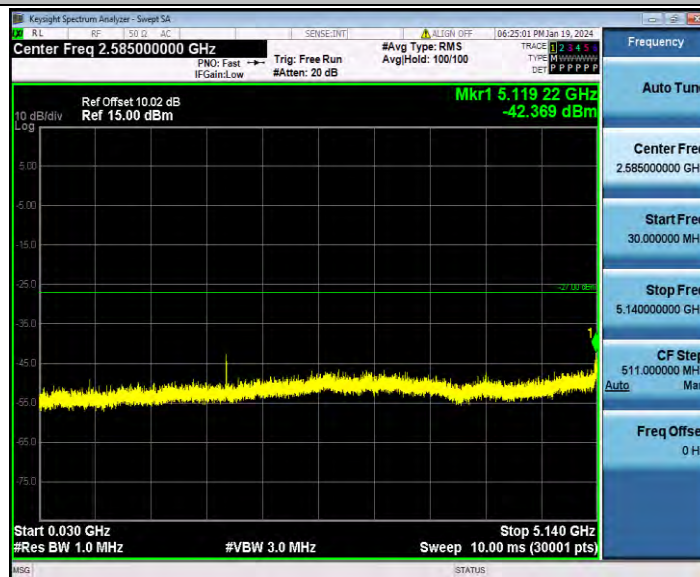
11AC40SISO_Ant1_5230_30~5140



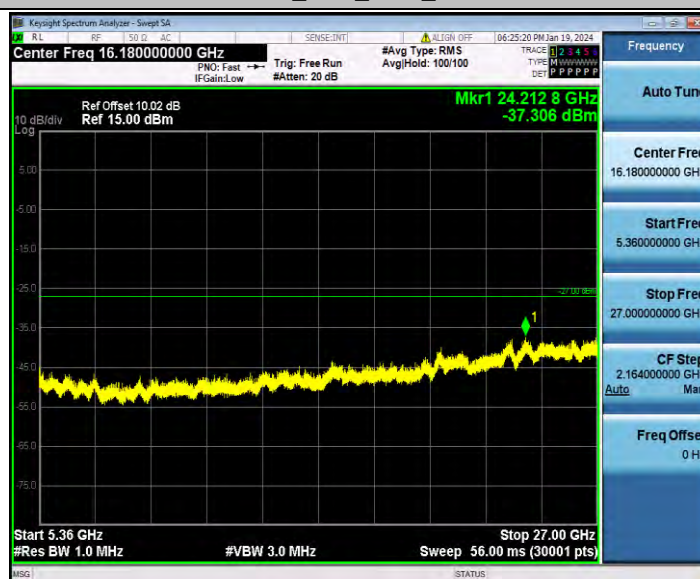
11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



Appendix D.8: Emissions in Restricted Bands

Test Result

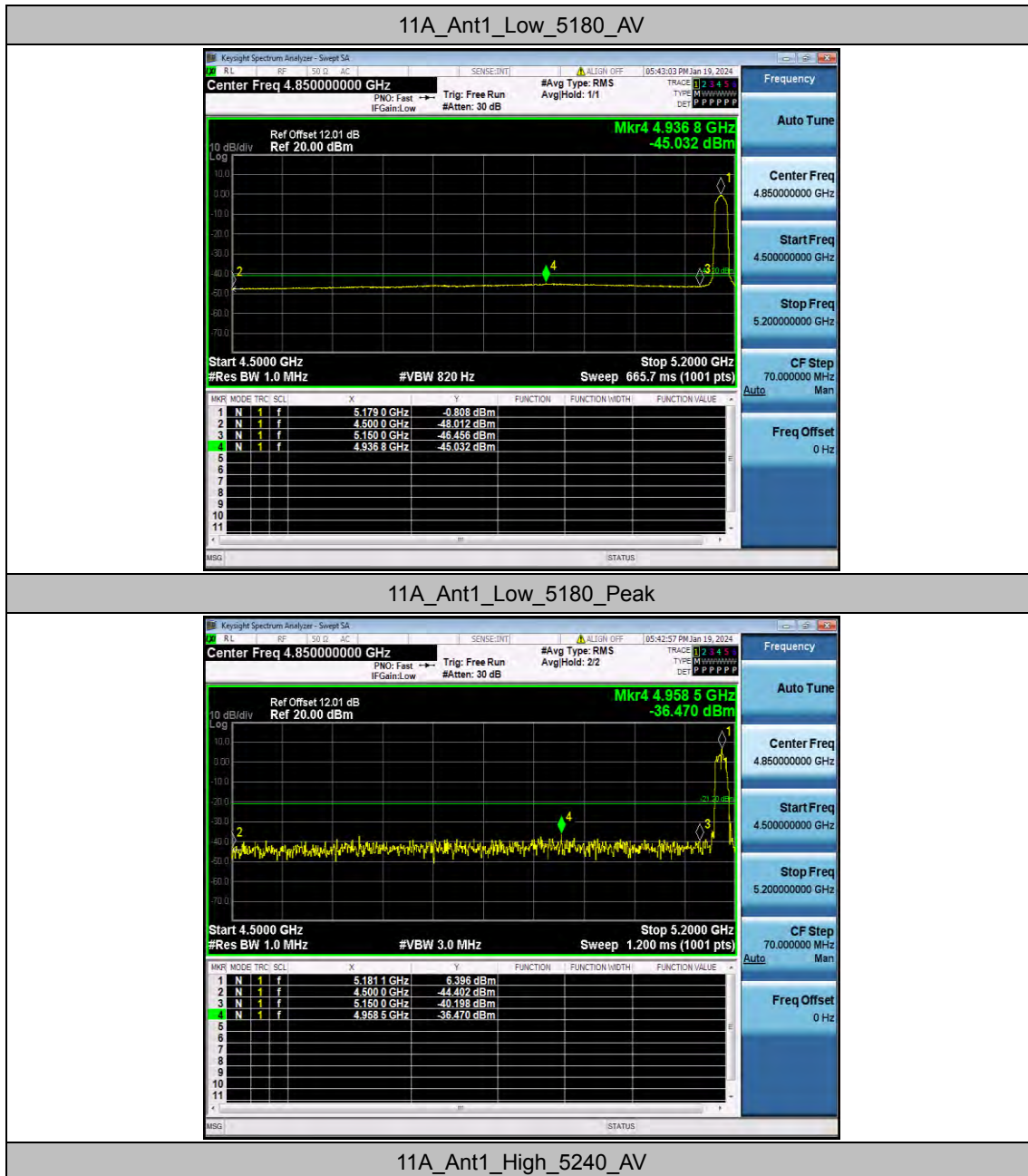
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-48.01	≤-41.20	47.19	≤54	PASS
				AV	4936.800	-45.03	≤-41.20	50.17	≤54	PASS
				AV	5150.000	-46.46	≤-41.20	48.74	≤54	PASS
				Peak	4500.000	-44.4	≤-21.20	50.80	≤74	PASS
				Peak	4958.500	-36.47	≤-21.20	58.73	≤74	PASS
				Peak	5150.000	-40.2	≤-21.20	55.00	≤74	PASS
		High	5240	AV	5350.000	-46.38	≤-41.20	48.82	≤54	PASS
				AV	5458.080	-45.16	≤-41.20	50.04	≤54	PASS
				AV	5460.000	-45.59	≤-41.20	49.61	≤54	PASS
				Peak	5350.000	-43.33	≤-21.20	51.87	≤74	PASS
				Peak	5380.320	-37.78	≤-21.20	57.42	≤74	PASS
				Peak	5460.000	-42.1	≤-21.20	53.10	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.68	≤-41.20	47.52	≤54	PASS
				AV	4953.600	-45.14	≤-41.20	50.06	≤54	PASS
				AV	5150.000	-46.5	≤-41.20	48.70	≤54	PASS
				Peak	4500.000	-42.11	≤-21.20	53.09	≤74	PASS
				Peak	5001.900	-37.12	≤-21.20	58.08	≤74	PASS
				Peak	5150.000	-44.36	≤-21.20	50.84	≤74	PASS
		High	5240	AV	5350.000	-46.22	≤-41.20	48.98	≤54	PASS
				AV	5411.280	-45.42	≤-41.20	49.78	≤54	PASS
				AV	5460.000	-45.67	≤-41.20	49.53	≤54	PASS
				Peak	5350.000	-43.67	≤-21.20	51.53	≤74	PASS
				Peak	5425.920	-37.35	≤-21.20	57.85	≤74	PASS
				Peak	5460.000	-41.52	≤-21.20	53.68	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.39	≤-41.20	47.81	≤54	PASS
				AV	4941.000	-44.99	≤-41.20	50.21	≤54	PASS
				AV	5150.000	-46.16	≤-41.20	49.04	≤54	PASS
				Peak	4500.000	-42.47	≤-21.20	52.73	≤74	PASS
				Peak	5009.600	-37.21	≤-21.20	57.99	≤74	PASS
				Peak	5150.000	-41.22	≤-21.20	53.98	≤74	PASS
		High	5230	AV	5350.000	-46.16	≤-41.20	49.04	≤54	PASS
				AV	5444.660	-45.23	≤-41.20	49.97	≤54	PASS
				AV	5460.000	-45.96	≤-41.20	49.24	≤54	PASS
				Peak	5350.000	-41.93	≤-21.20	53.27	≤74	PASS
				Peak	5429.320	-37.76	≤-21.20	57.44	≤74	PASS
				Peak	5460.000	-41.02	≤-21.20	54.18	≤74	PASS

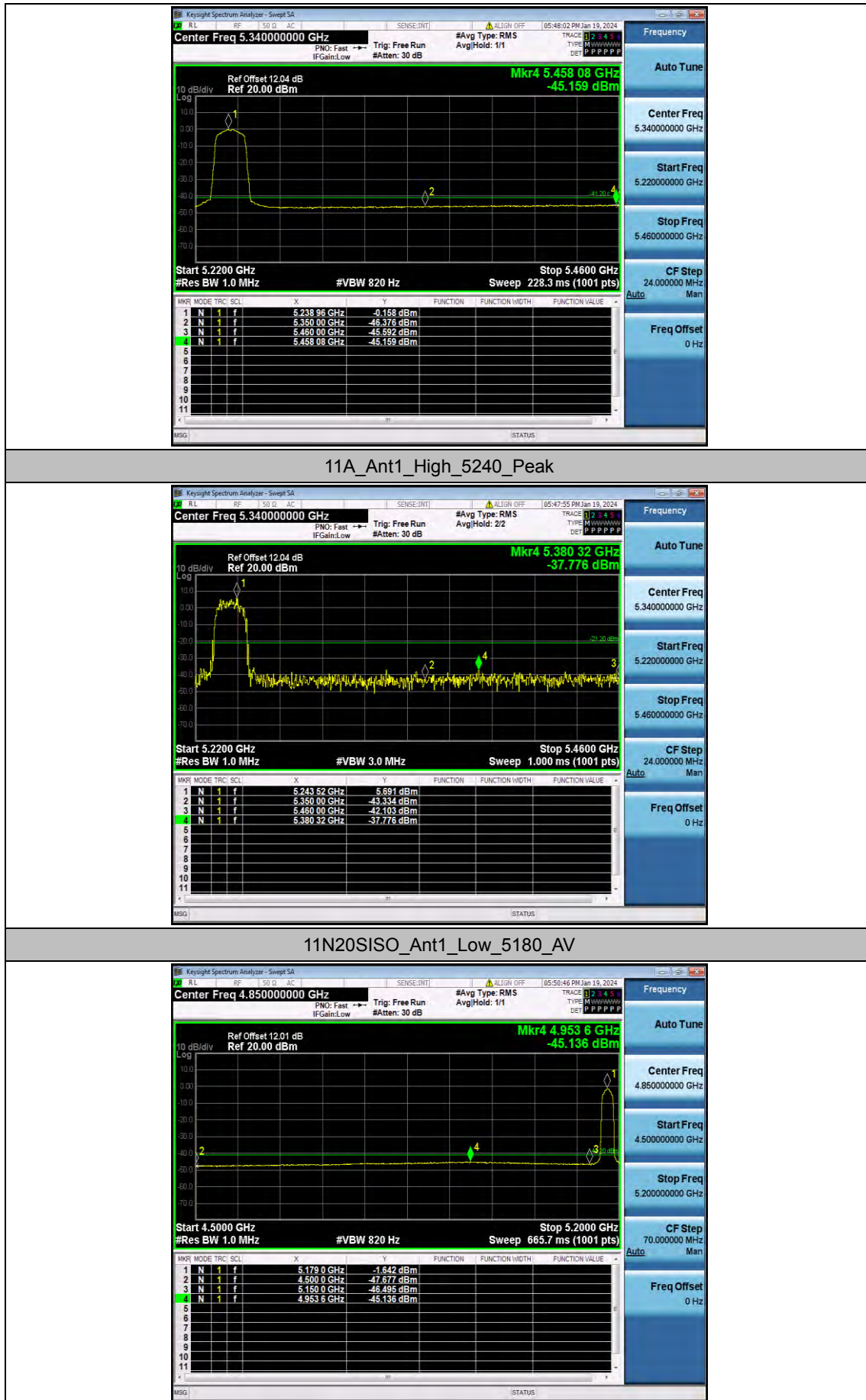
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.78	≤ -41.20	47.42	≤ 54	PASS
				AV	4957.800	-45.24	≤ -41.20	49.96	≤ 54	PASS
				AV	5150.000	-47	≤ -41.20	48.20	≤ 54	PASS
				Peak	4500.000	-45.18	≤ -21.20	50.02	≤ 74	PASS
				Peak	4901.100	-36.84	≤ -21.20	58.36	≤ 74	PASS
				Peak	5150.000	-43.4	≤ -21.20	51.80	≤ 74	PASS
		High	5240	AV	5350.000	-46.82	≤ -41.20	48.38	≤ 54	PASS
				AV	5460.000	-45.43	≤ -41.20	49.77	≤ 54	PASS
				Peak	5350.000	-42.48	≤ -21.20	52.72	≤ 74	PASS
				Peak	5354.640	-37.9	≤ -21.20	57.30	≤ 74	PASS
				Peak	5460.000	-46.57	≤ -21.20	48.63	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.74	≤ -41.20	47.46	≤ 54	PASS
				AV	4945.900	-44.92	≤ -41.20	50.28	≤ 54	PASS
				AV	5150.000	-46.35	≤ -41.20	48.85	≤ 54	PASS
				Peak	4500.000	-43.65	≤ -21.20	51.55	≤ 74	PASS
				Peak	4920.700	-36.44	≤ -21.20	58.76	≤ 74	PASS
				Peak	5150.000	-45.87	≤ -21.20	49.33	≤ 74	PASS
		High	5230	AV	5350.000	-46.89	≤ -41.20	48.31	≤ 54	PASS
				AV	5439.720	-45.31	≤ -41.20	49.89	≤ 54	PASS
				AV	5460.000	-46.01	≤ -41.20	49.19	≤ 54	PASS
				Peak	5350.000	-45.32	≤ -21.20	49.88	≤ 74	PASS
				Peak	5393.180	-38.1	≤ -21.20	57.10	≤ 74	PASS
				Peak	5460.000	-44.17	≤ -21.20	51.03	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-48.03	≤ -41.20	47.17	≤ 54	PASS
				AV	5149.500	-44.25	≤ -41.20	50.95	≤ 54	PASS
				AV	5150.000	-44.74	≤ -41.20	50.46	≤ 54	PASS
				Peak	4500.000	-41.19	≤ -21.20	54.01	≤ 74	PASS
				Peak	4909.500	-36.69	≤ -21.20	58.51	≤ 74	PASS
				Peak	5150.000	-39.36	≤ -21.20	55.84	≤ 74	PASS
		High	5210	AV	5350.000	-46.96	≤ -41.20	48.24	≤ 54	PASS
				AV	5440.120	-44.94	≤ -41.20	50.26	≤ 54	PASS
				AV	5460.000	-45.38	≤ -41.20	49.82	≤ 54	PASS
				Peak	5350.000	-46	≤ -21.20	49.20	≤ 74	PASS
				Peak	5407.920	-37.81	≤ -21.20	57.39	≤ 74	PASS
				Peak	5460.000	-41.34	≤ -21.20	53.86	≤ 74	PASS

Note:

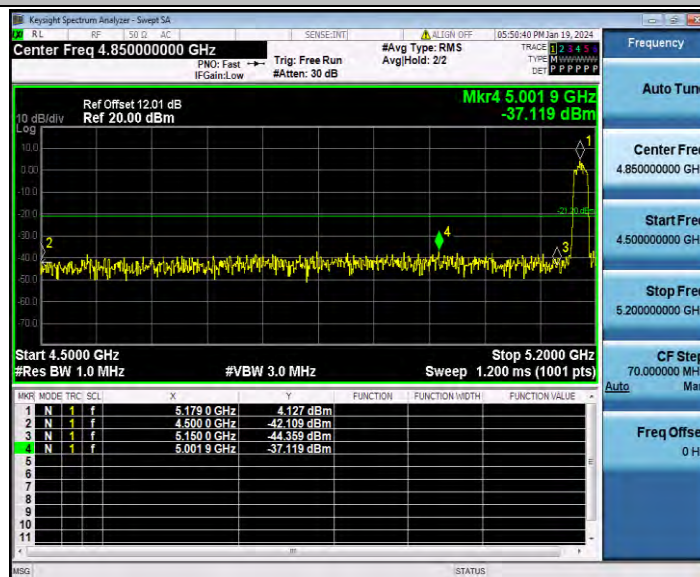
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

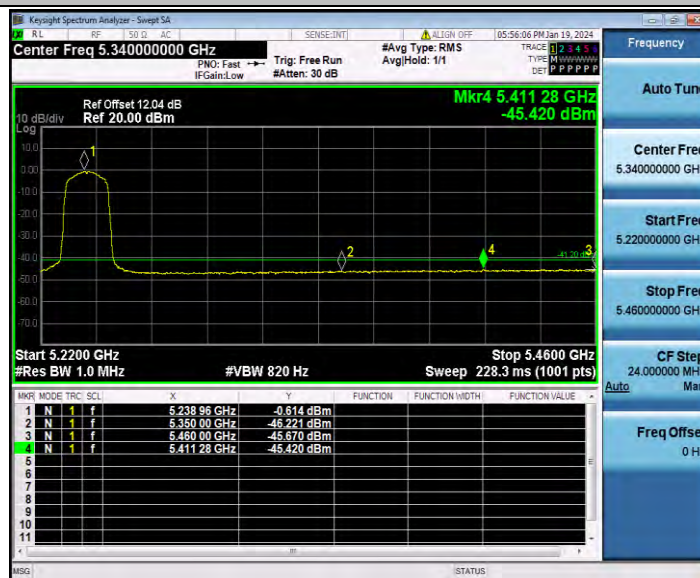




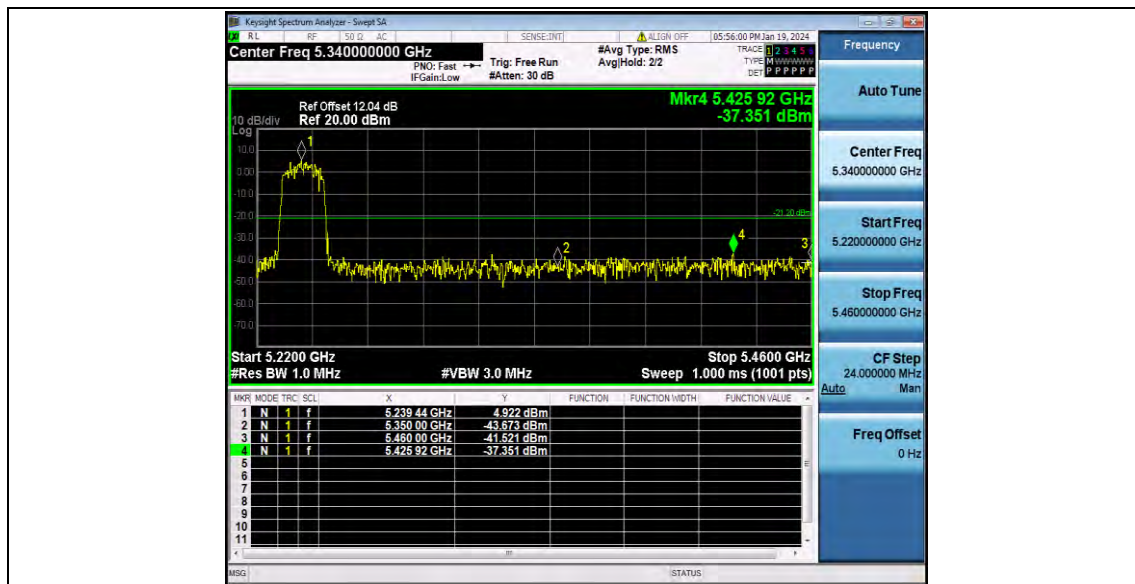
11N20SISO_Ant1_Low_5180_Peak



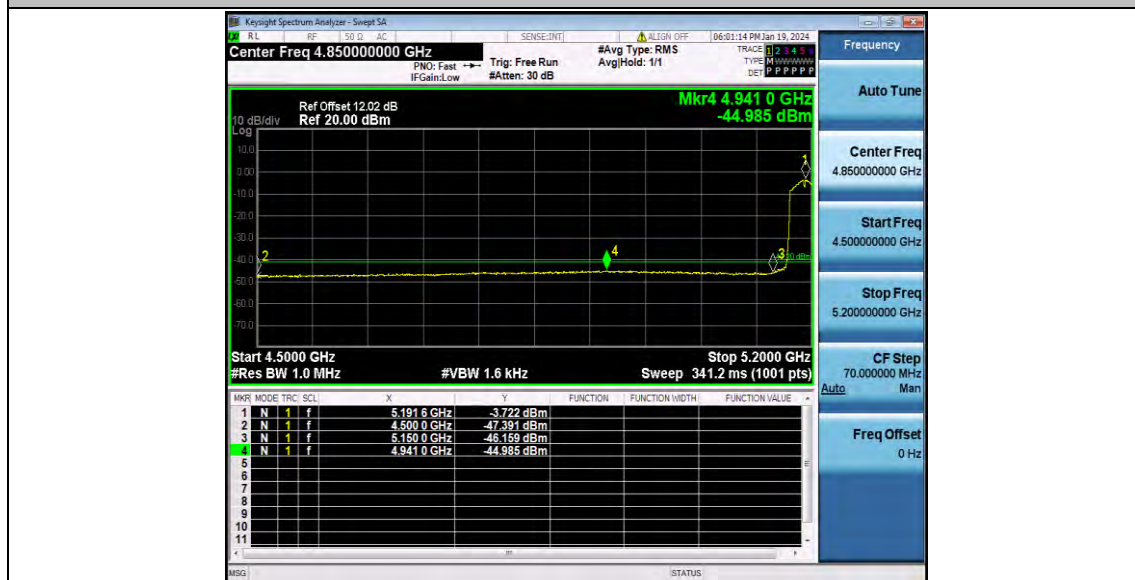
11N20SISO_Ant1_High_5240_AV



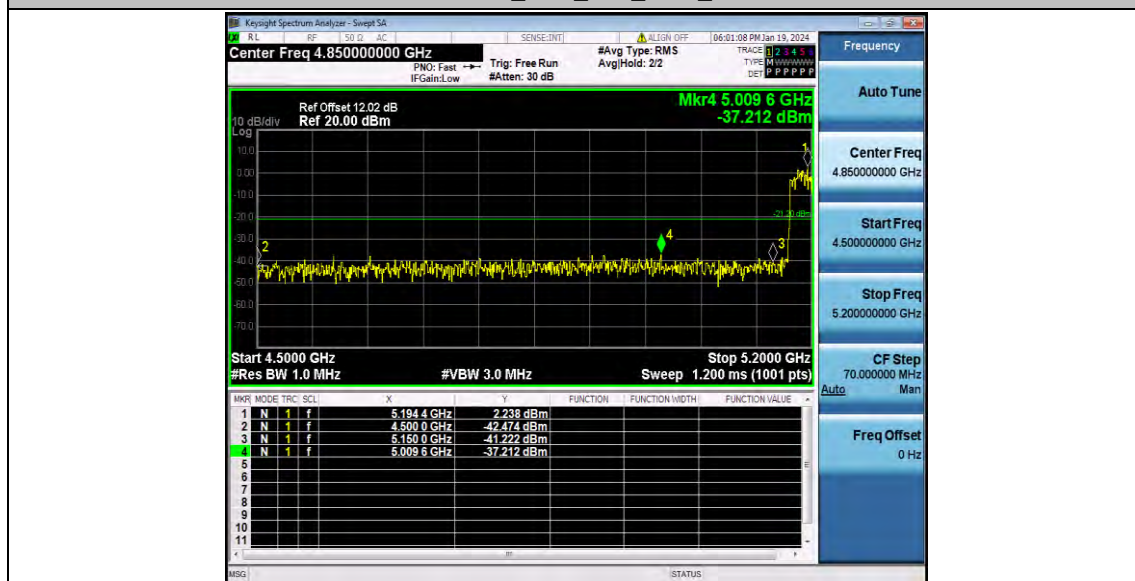
11N20SISO_Ant1_High_5240_Peak



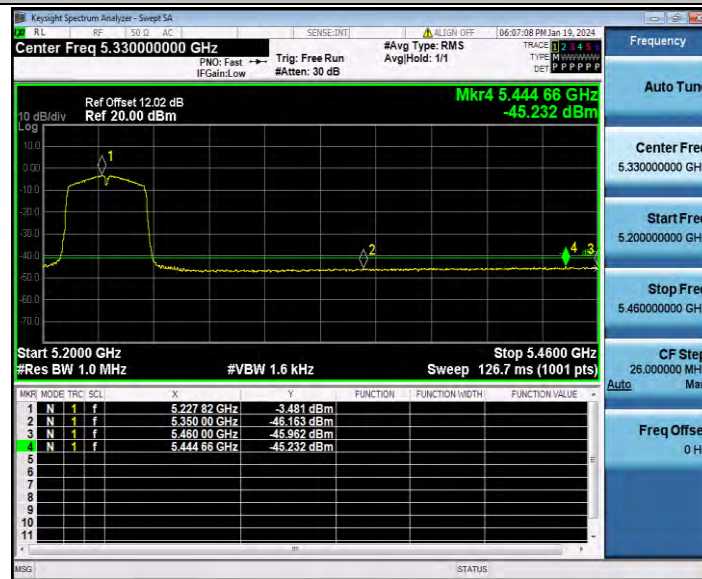
11N40SISO_Ant1_Low_5190_AV



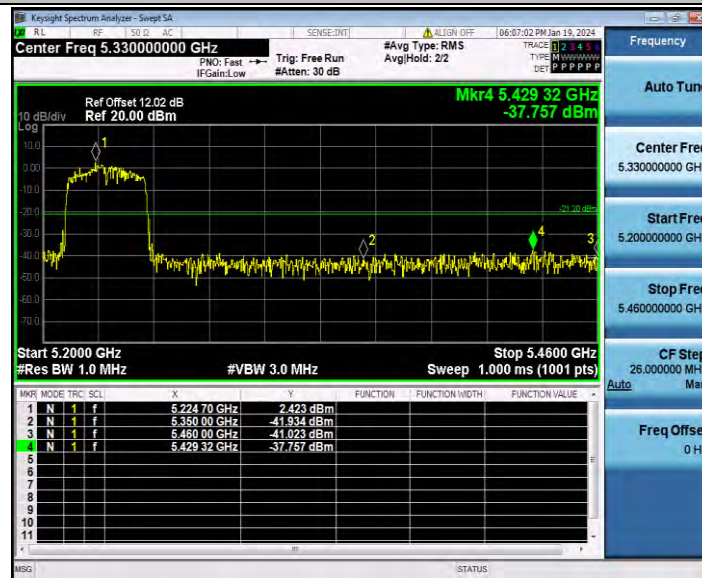
11N40SISO_Ant1_Low_5190_Peak



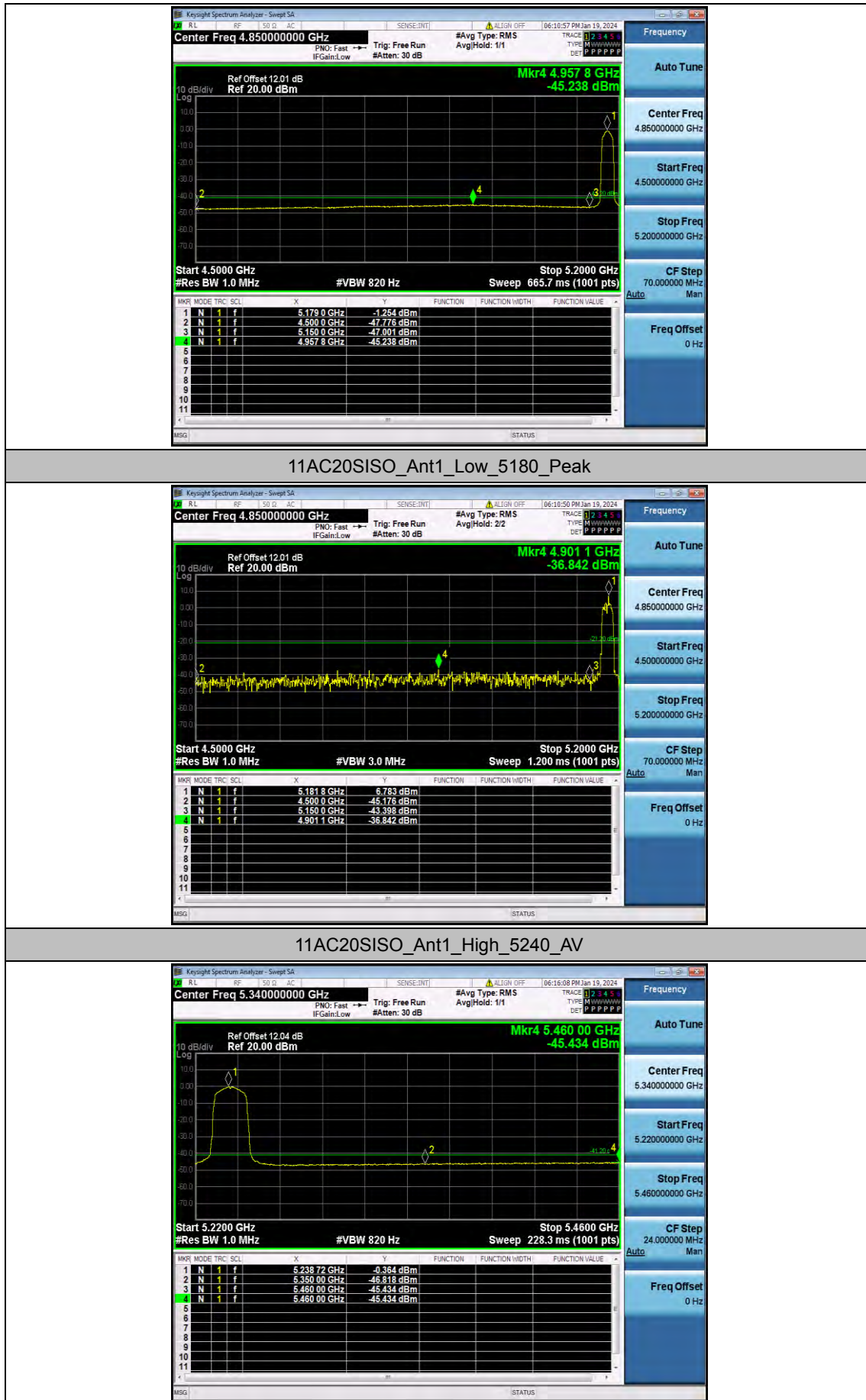
11N40SISO_Ant1_High_5230_AV



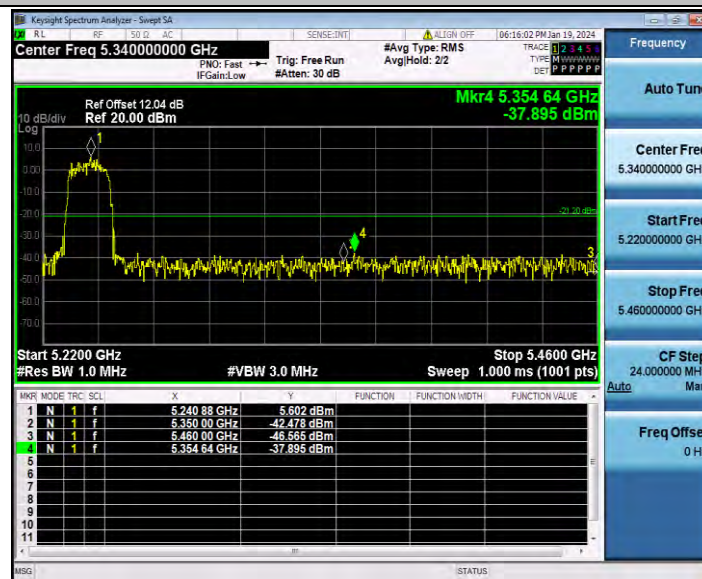
11N40SISO_Ant1_High_5230_Peak



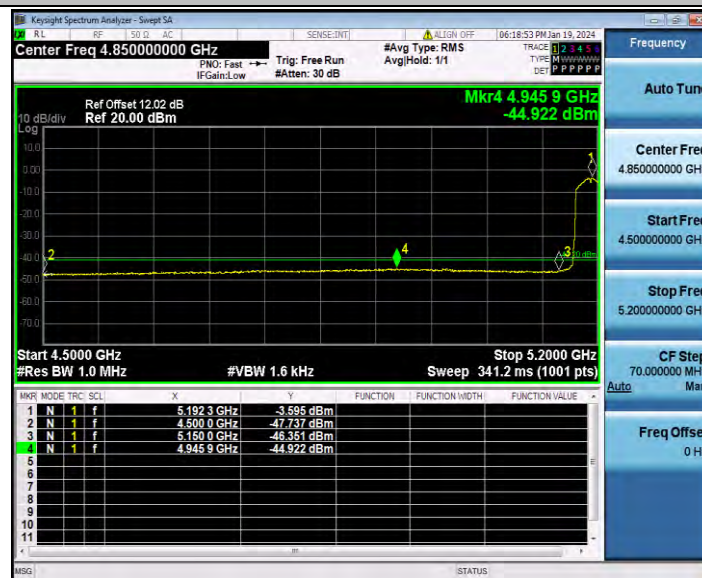
11AC20SISO_Ant1_Low_5180_AV



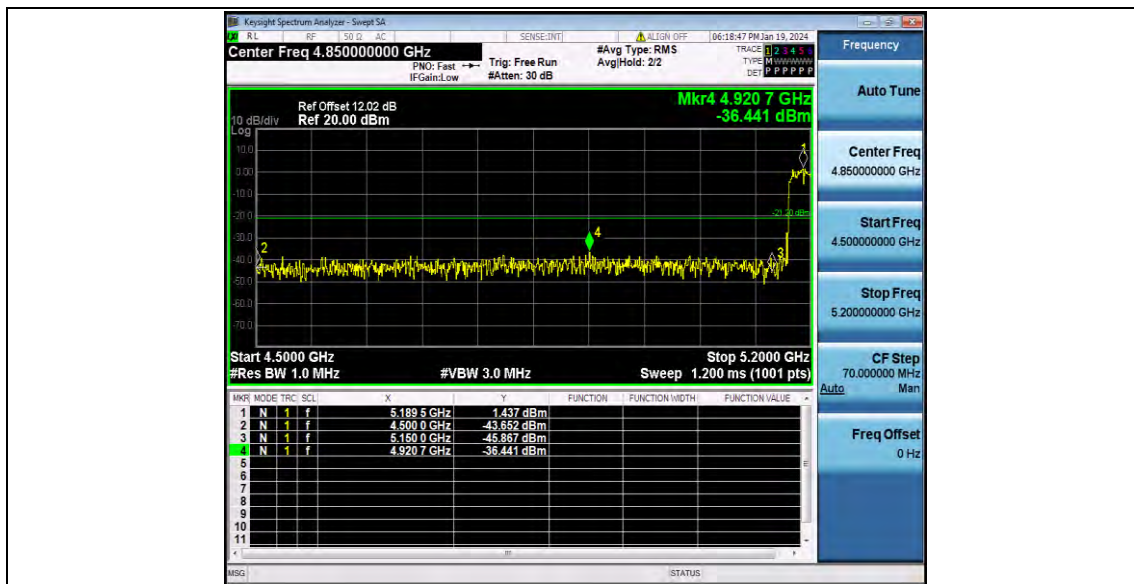
11AC20SISO_Ant1_High_5240_Peak



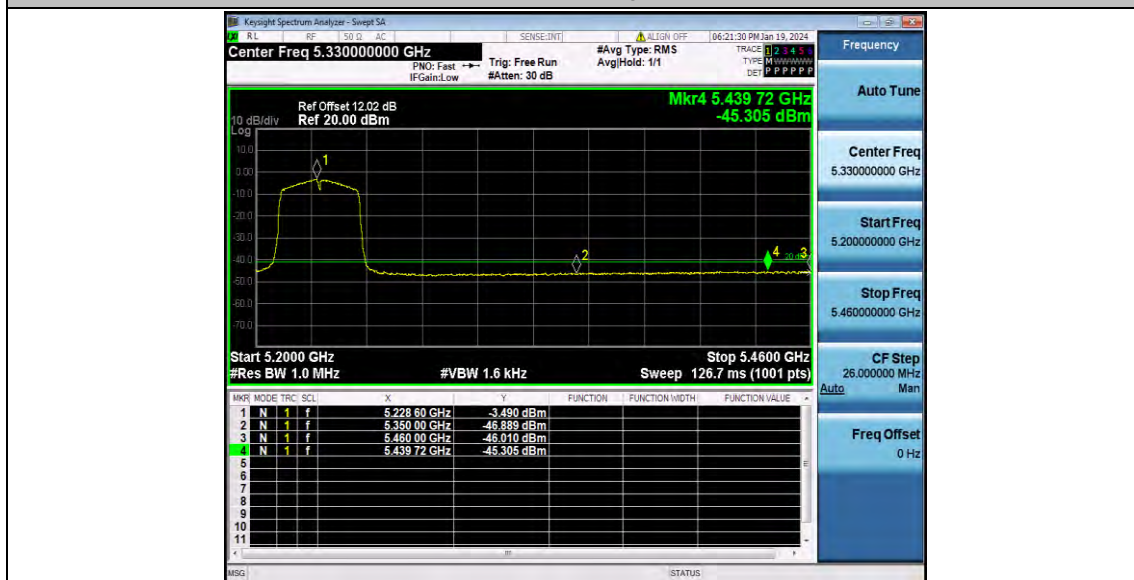
11AC40SISO_Ant1_Low_5190_AV



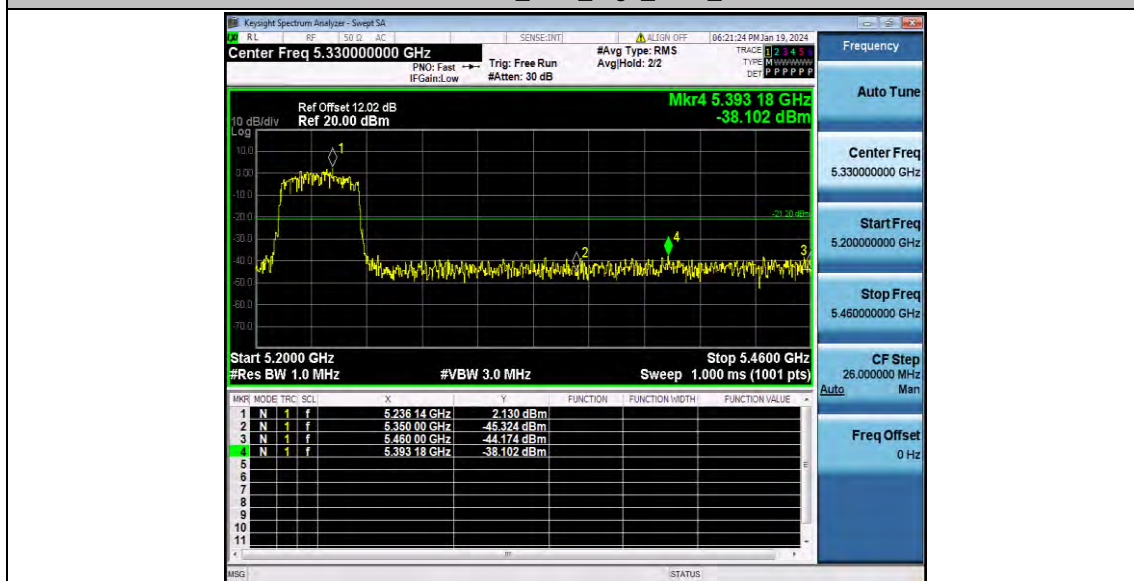
11AC40SISO_Ant1_Low_5190_Peak



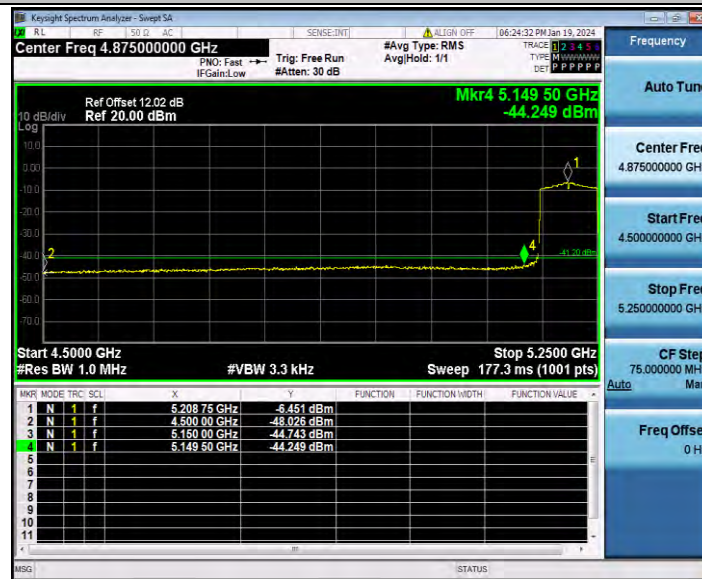
11AC40SISO_Ant1_High_5230_AV



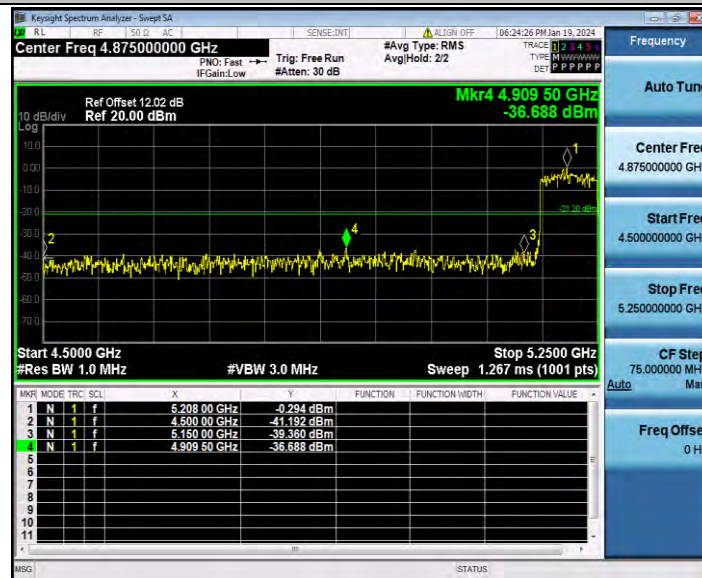
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

