

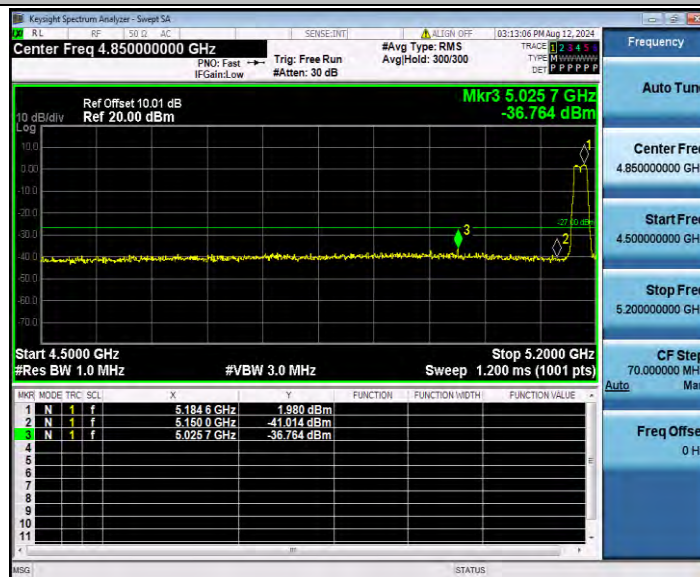
Appendix B.6: Band edge measurements

Test Result B1

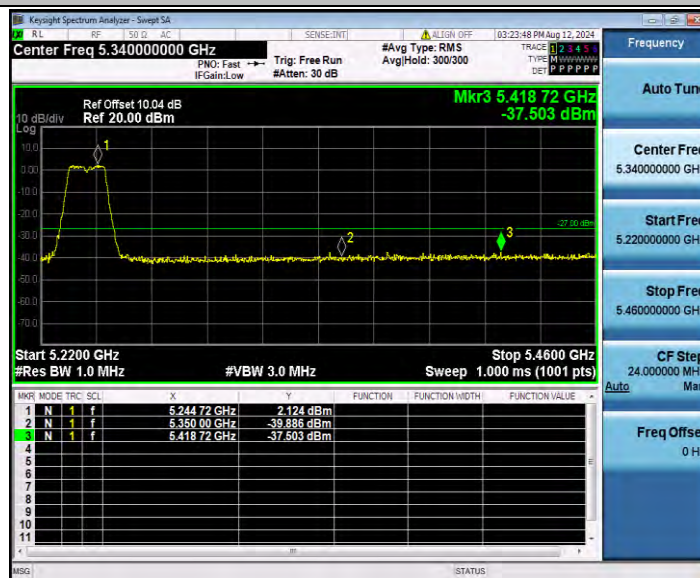
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.76	≤ -27	PASS
		High	5240	-37.5	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.54	≤ -27	PASS
		High	5240	-37.73	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-37.09	≤ -27	PASS
		High	5230	-37.36	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.16	≤ -27	PASS
		High	5240	-37.7	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.36	≤ -27	PASS
		High	5230	-36.9	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-37.27	≤ -27	PASS
		High	5210	-37.15	≤ -27	PASS

Test Graphs B1

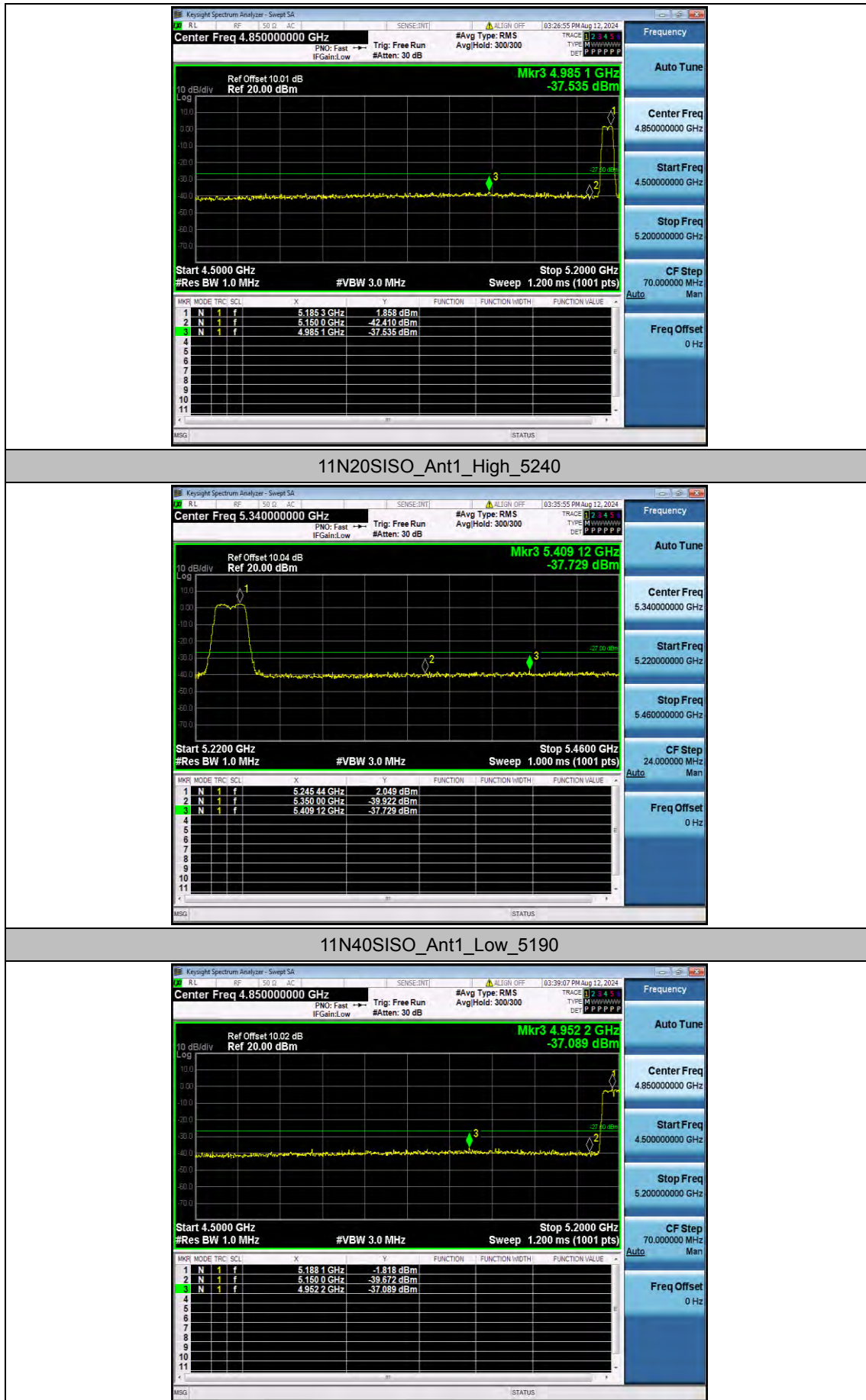
11A_Ant1_Low_5180



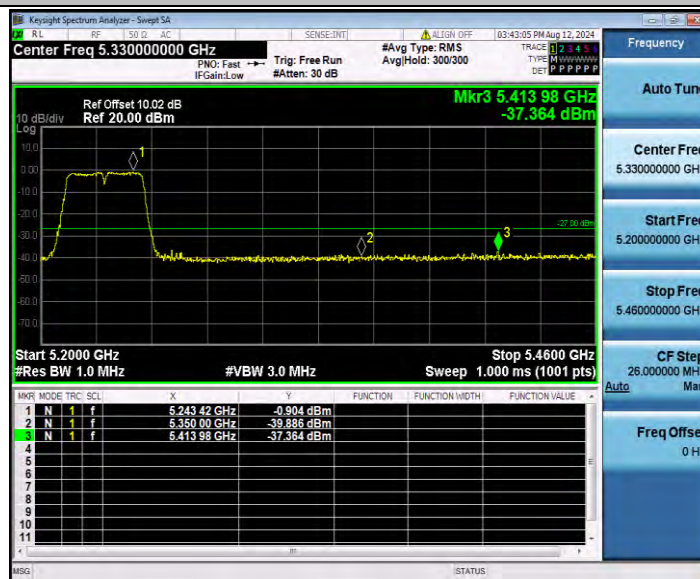
11A_Ant1_High_5240



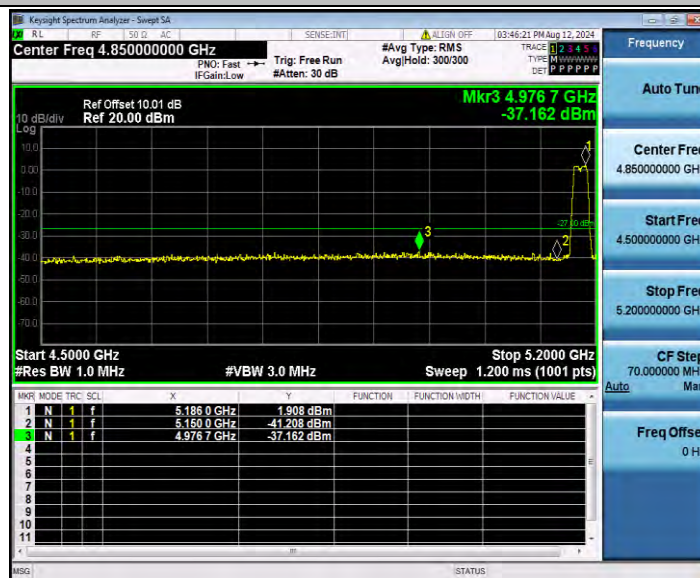
11N20SISO_Ant1_Low_5180



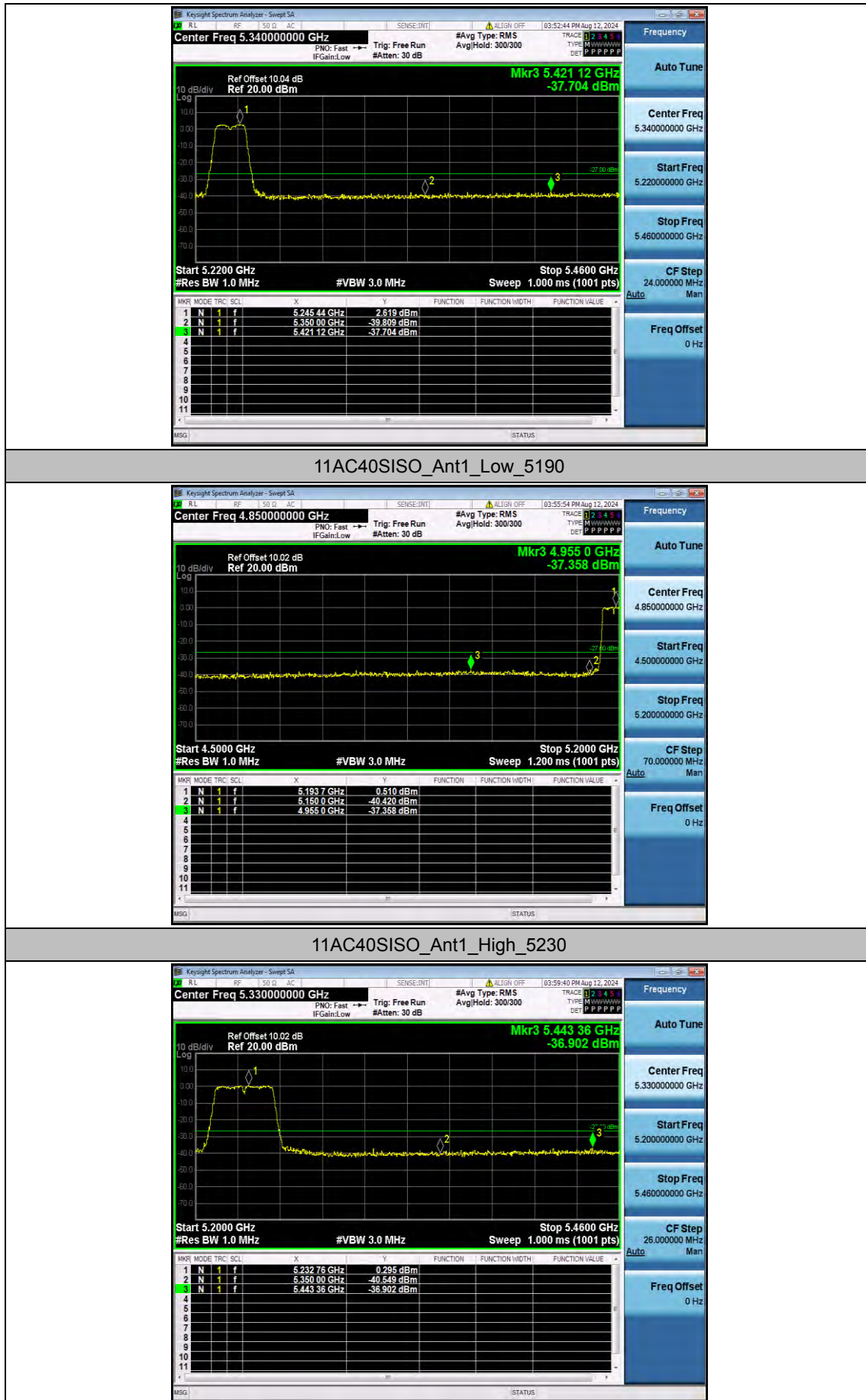
11N40SISO_Ant1_High_5230



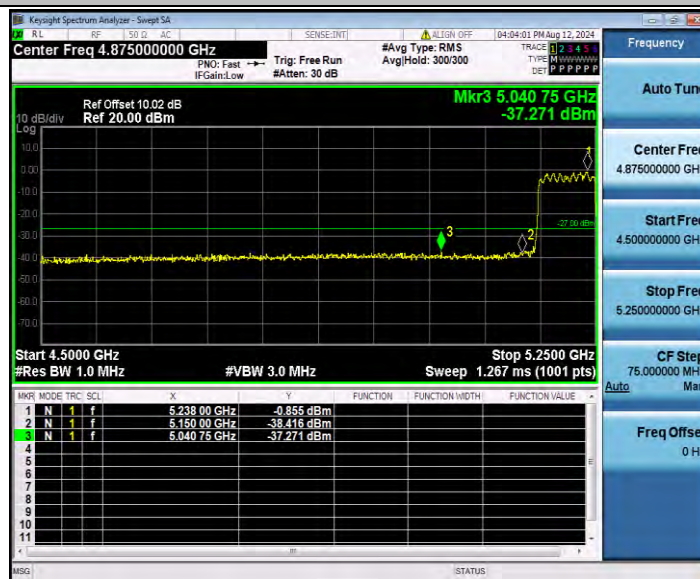
11AC20SISO_Ant1_Low_5180



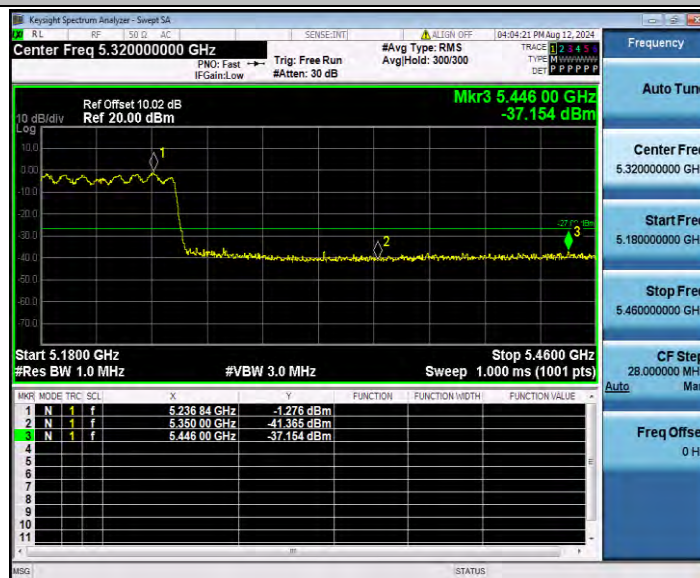
11AC20SISO_Ant1_High_5240



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210

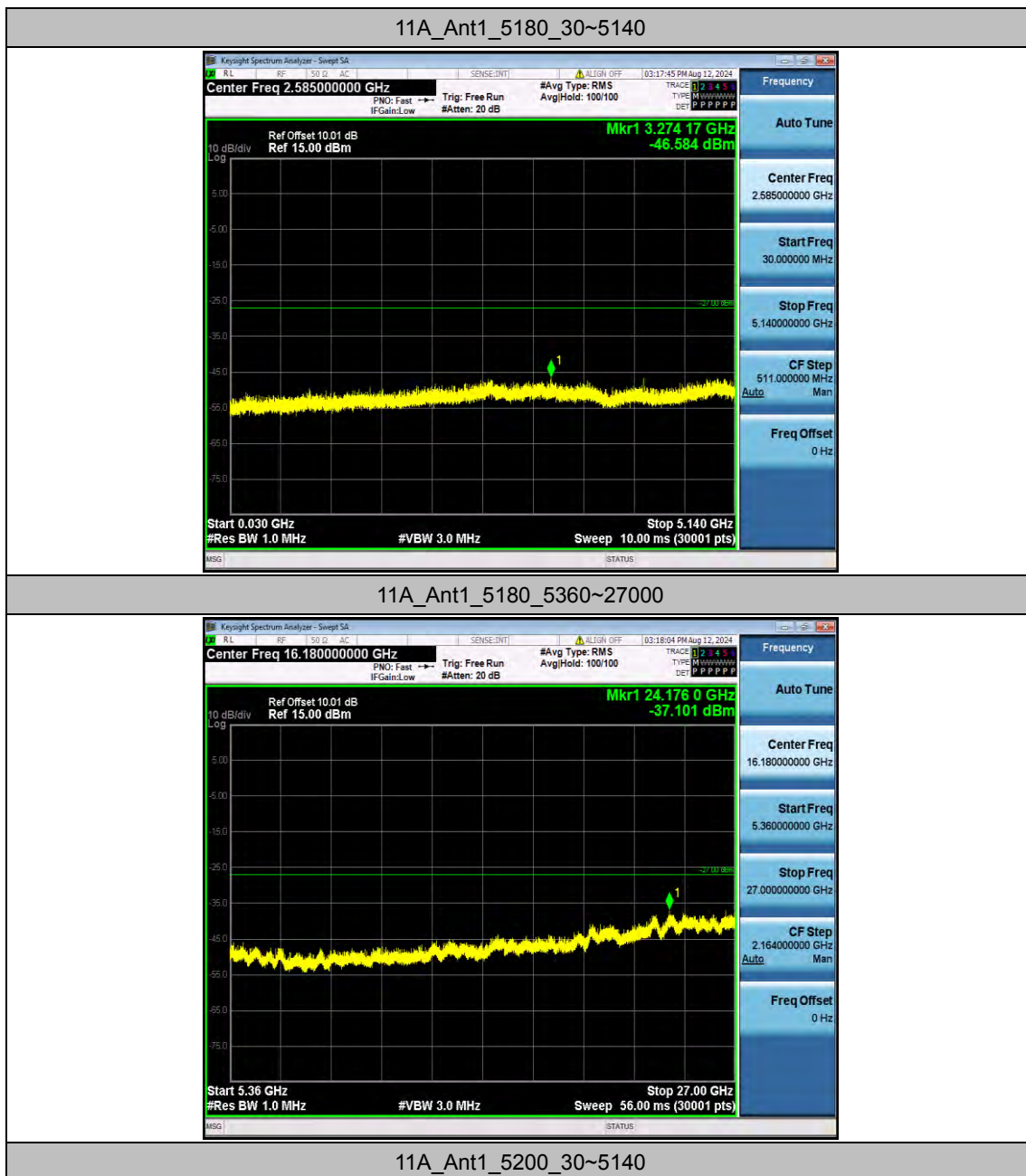


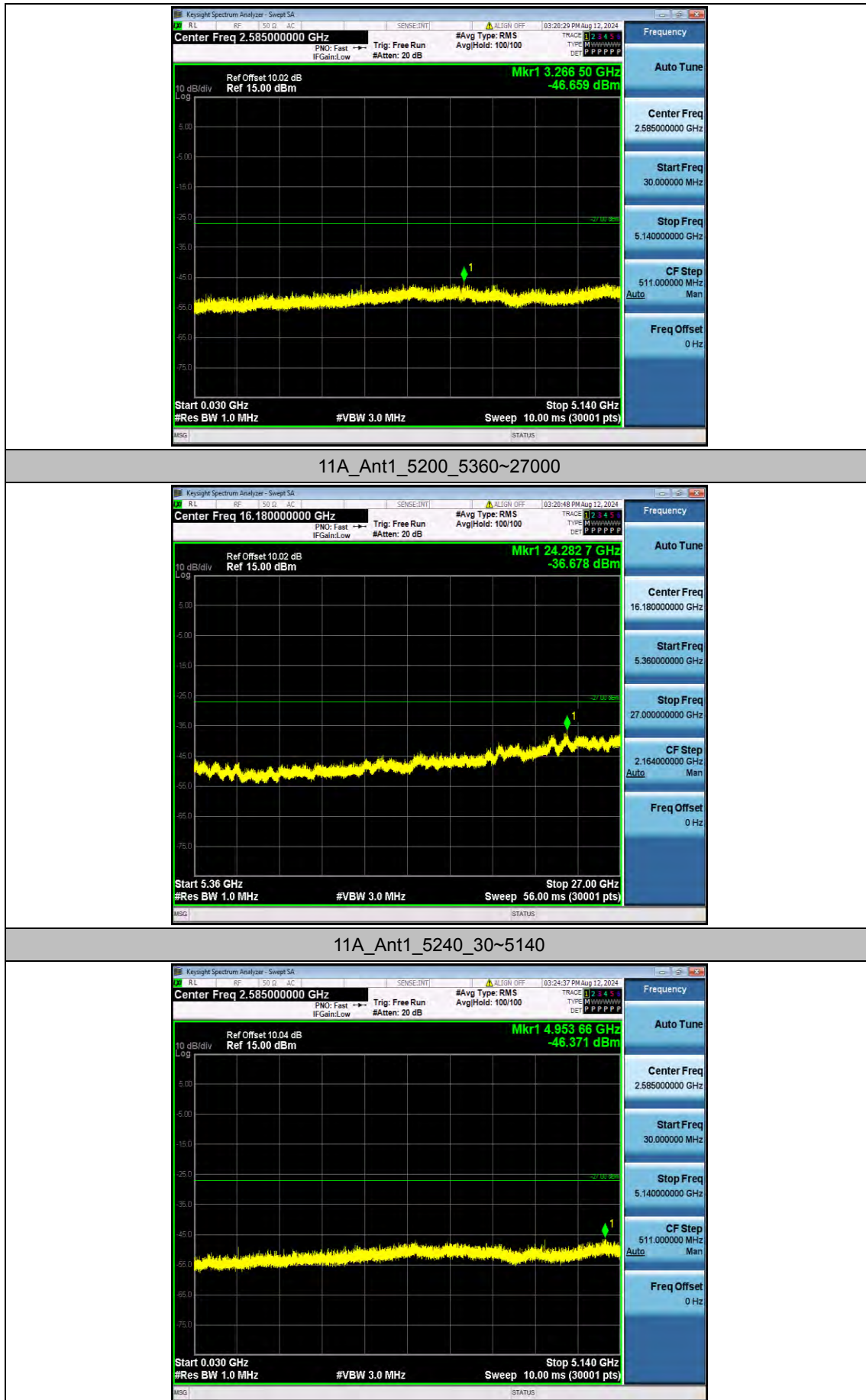
Appendix B.7: Conducted Spurious Emission

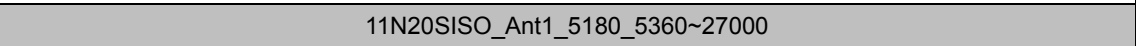
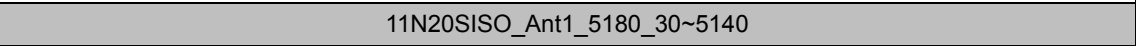
Test Result

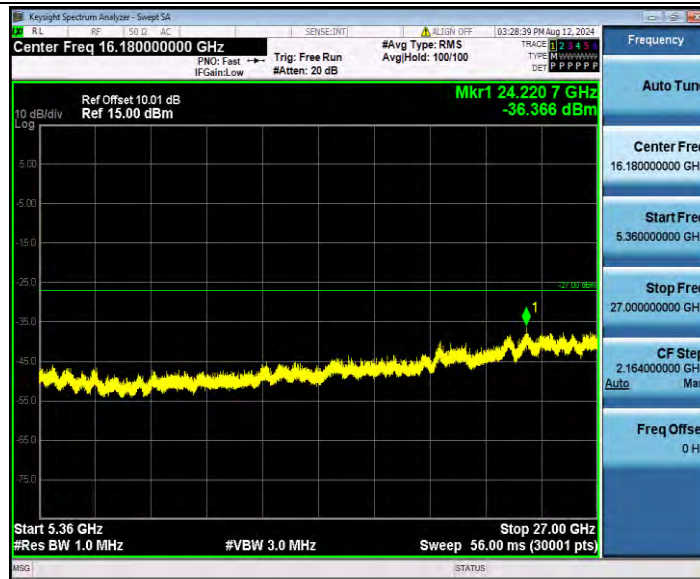
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	3274.17	-46.58	≤-27	PASS
			5360~27000	24175.98	-37.1	≤-27	PASS
		5200	30~5140	3266.5	-46.66	≤-27	PASS
			5360~27000	24282.74	-36.68	≤-27	PASS
		5240	30~5140	4953.66	-46.37	≤-27	PASS
			5360~27000	25701.6	-36.94	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	826.99	-45.36	≤-27	PASS
			5360~27000	24220.7	-36.37	≤-27	PASS
		5200	30~5140	4861.85	-46.28	≤-27	PASS
			5360~27000	26629.23	-37.11	≤-27	PASS
		5240	30~5140	2682.94	-46.01	≤-27	PASS
			5360~27000	26737.43	-37.3	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	2630.82	-46.51	≤-27	PASS
			5360~27000	23603.24	-37.57	≤-27	PASS
		5230	30~5140	2676.3	-46.23	≤-27	PASS
			5360~27000	26780.71	-36.29	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	826.48	-44.37	≤-27	PASS
			5360~27000	24076.44	-36.67	≤-27	PASS
		5200	30~5140	826.14	-38.6	≤-27	PASS
			5360~27000	26101.22	-37.07	≤-27	PASS
		5240	30~5140	2657.73	-46.8	≤-27	PASS
			5360~27000	24203.39	-36.56	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	3190.36	-46.86	≤-27	PASS
			5360~27000	24222.87	-37.14	≤-27	PASS
		5230	30~5140	2664.72	-46.56	≤-27	PASS
			5360~27000	26526.08	-37.36	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5139.15	-41.66	≤-27	PASS
			5360~27000	26079.58	-36.86	≤-27	PASS

Test Graphs





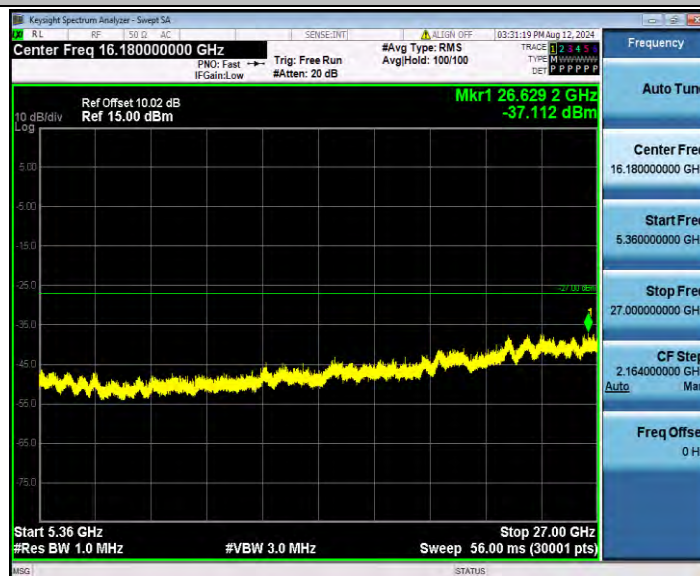




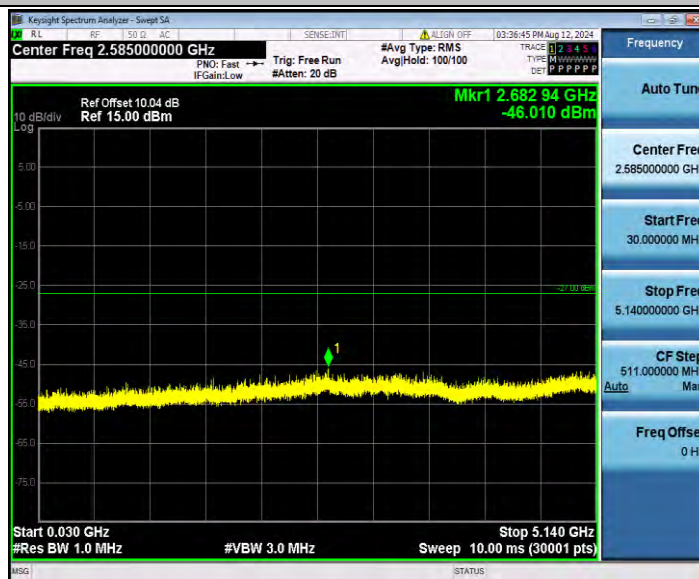
11N20SISO_Ant1_5200_30~5140



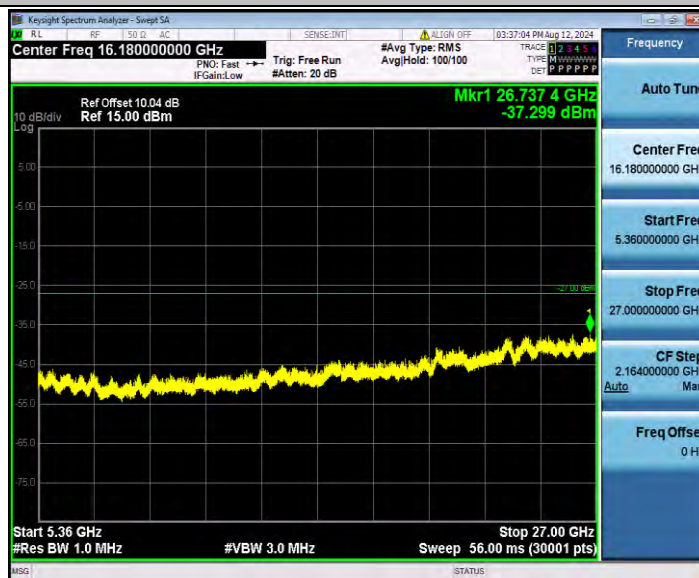
11N20SISO_Ant1_5200_5360~27000



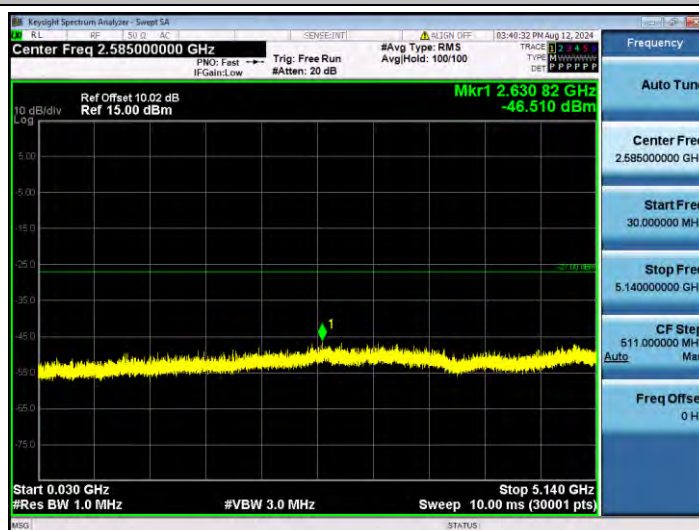
11N20SISO_Ant1_5240_30~5140



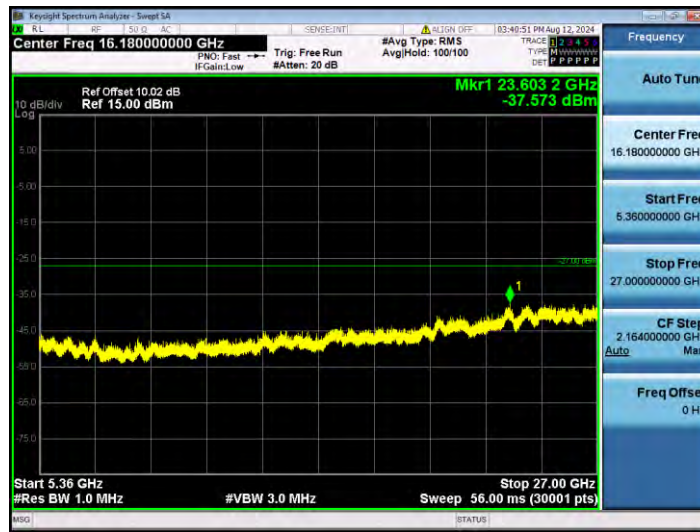
11N20SISO_Ant1_5240_5360~27000



11N40SISO_Ant1_5190_30~5140



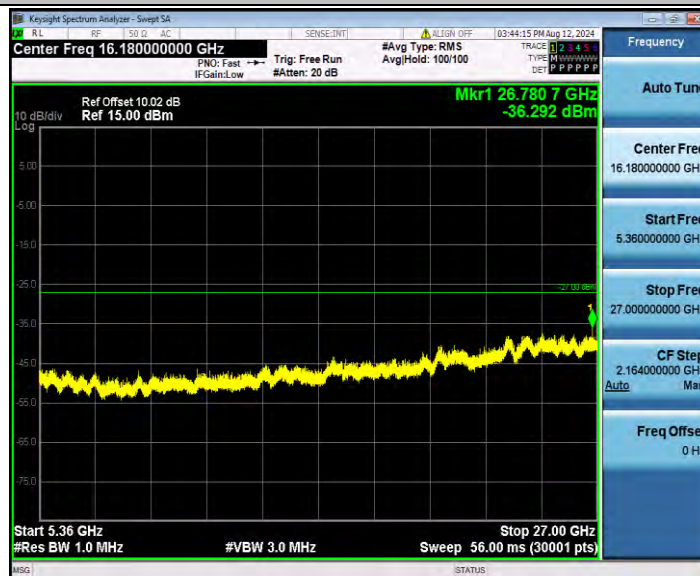
11N40SISO_Ant1_5190_5360~27000



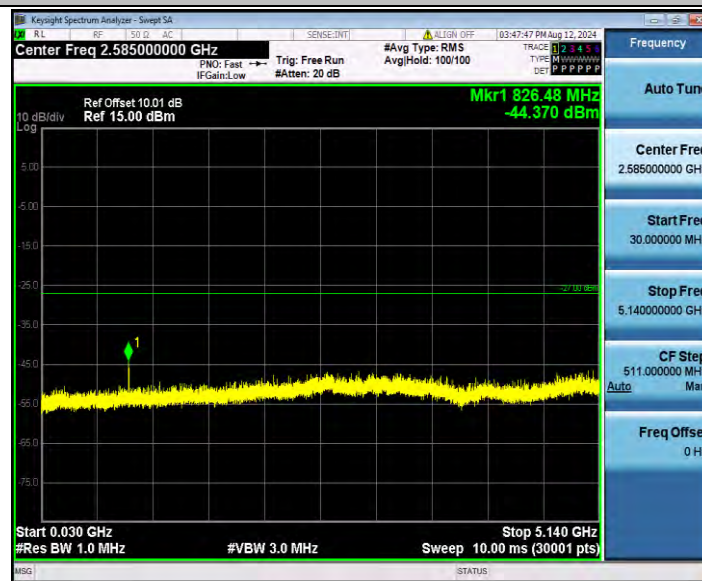
11N40SISO_Ant1_5230_30~5140



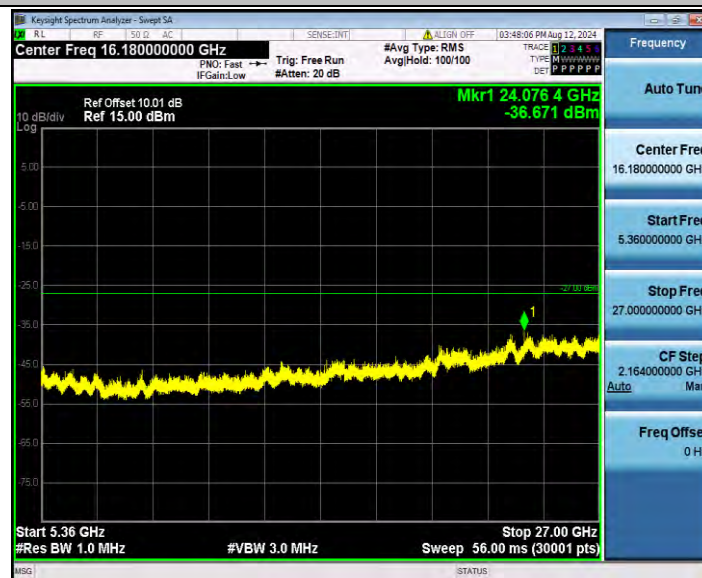
11N40SISO_Ant1_5230_5360~27000



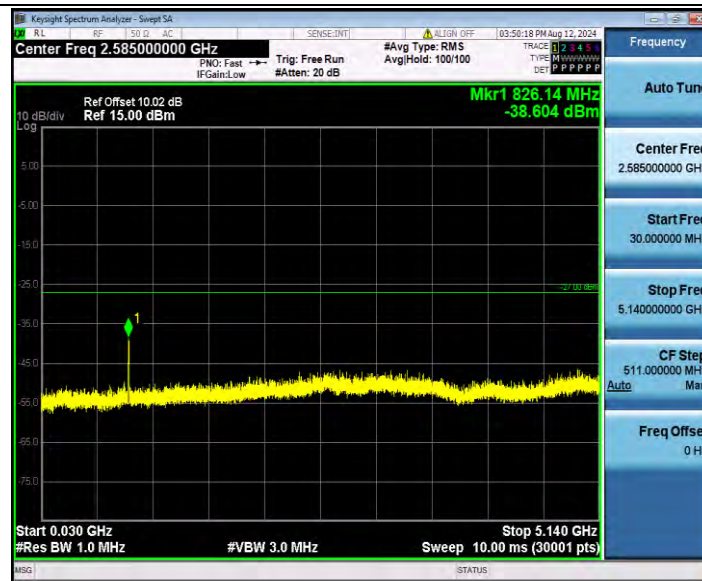
11AC20SISO_Ant1_5180_30~5140



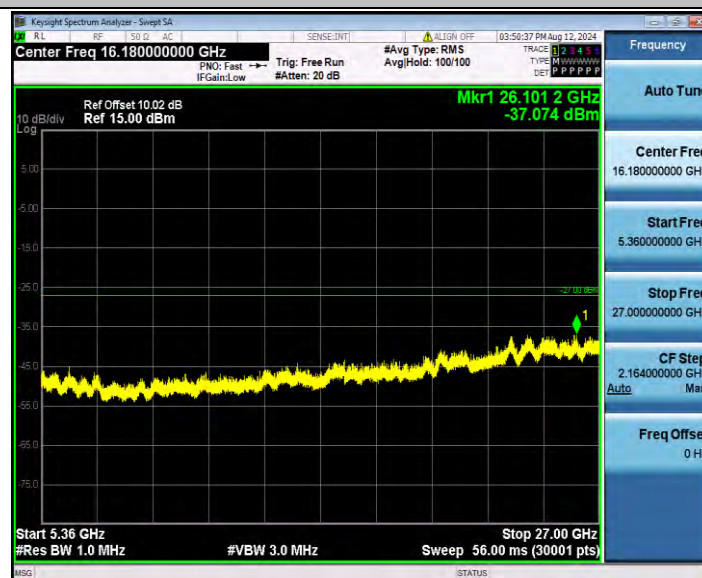
11AC20SISO_Ant1_5180_5360~27000



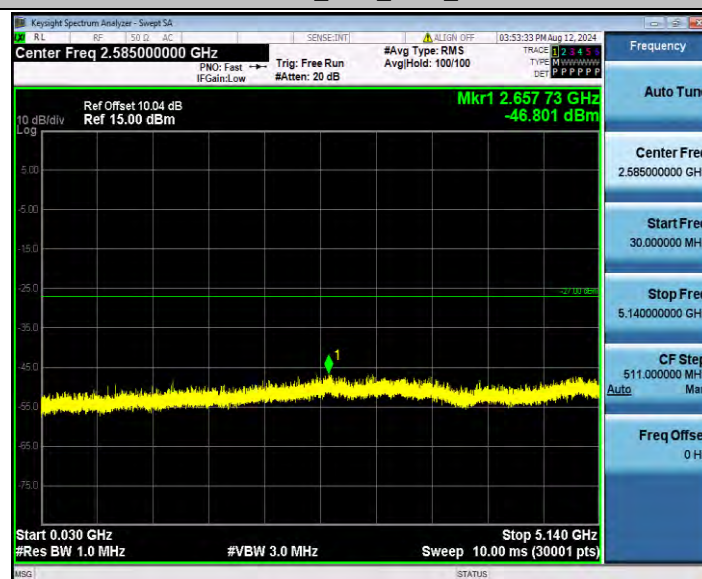
11AC20SISO_Ant1_5200_30~5140



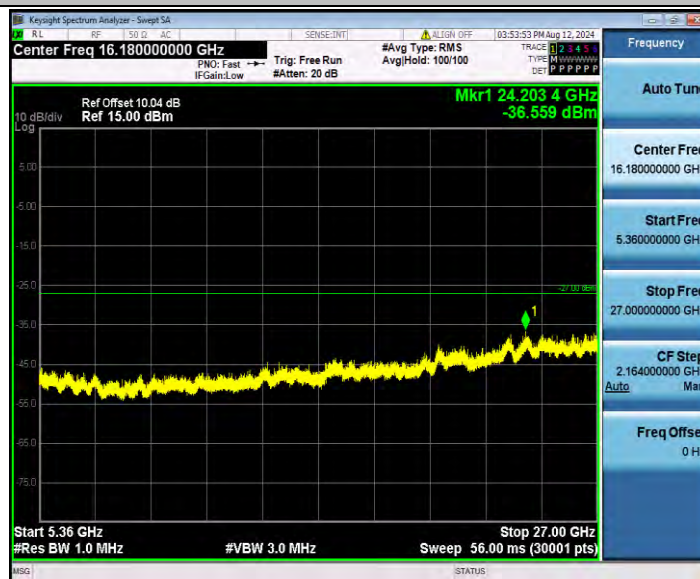
11AC20SISO_Ant1_5200_5360~27000



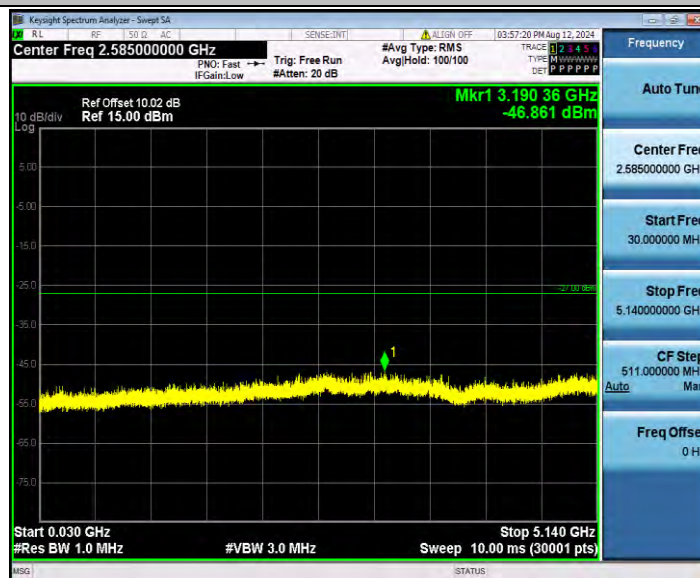
11AC20SISO_Ant1_5240_30~5140



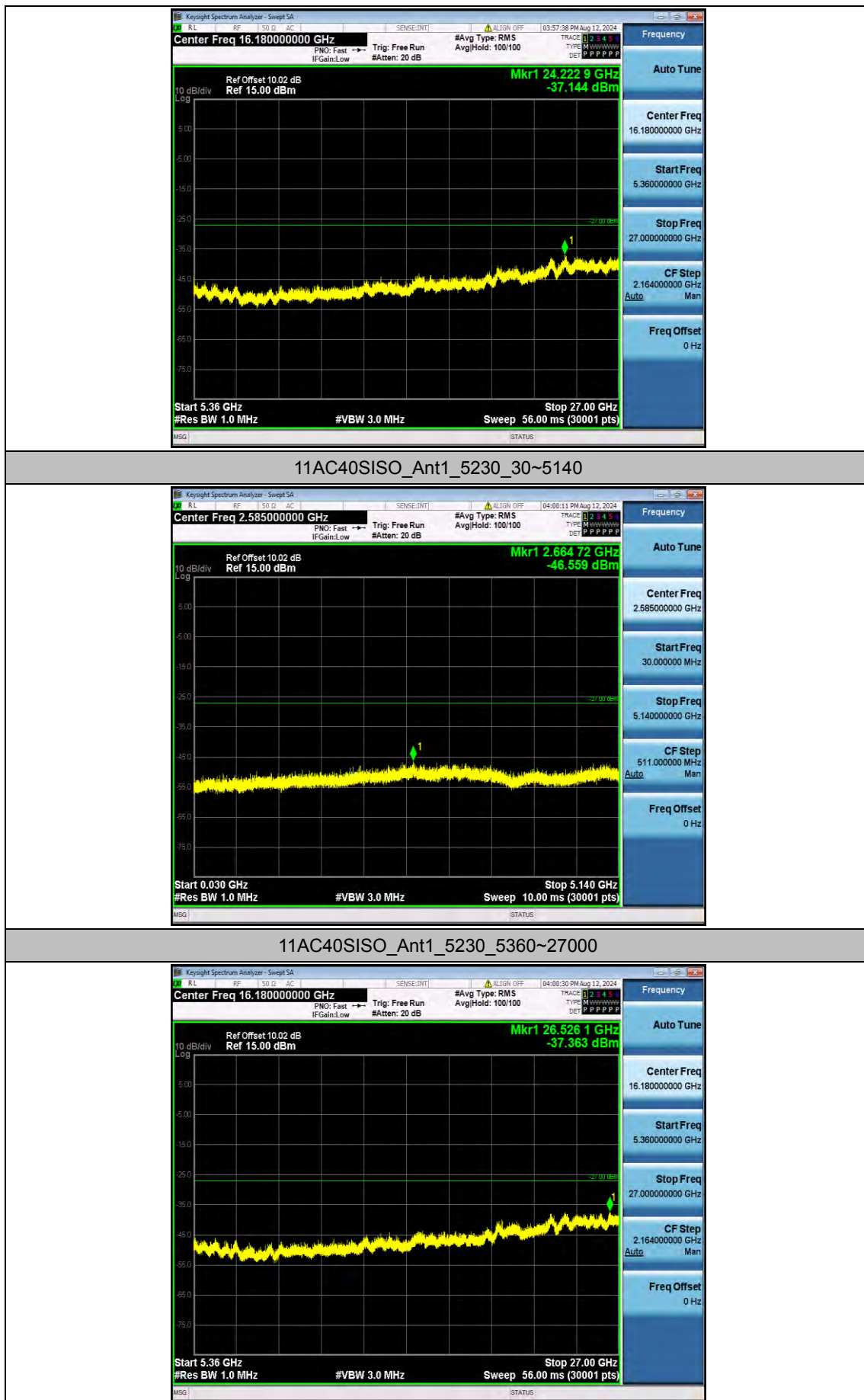
11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



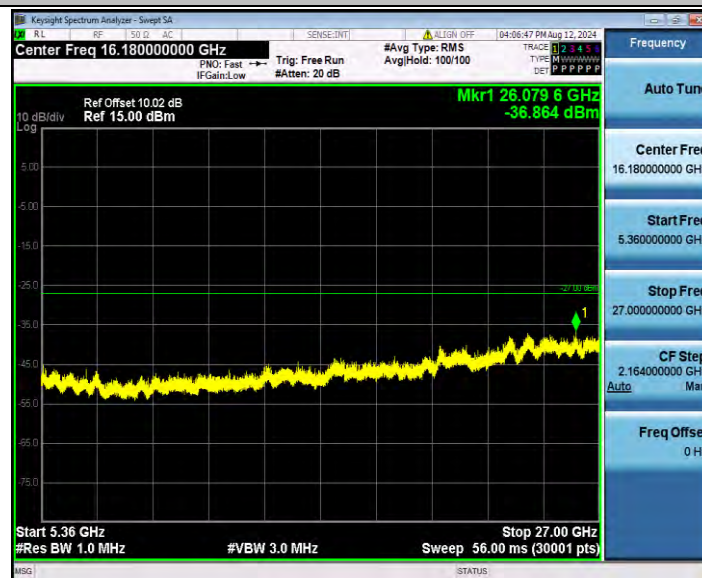
11AC40SISO_Ant1_5190_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000



Appendix B.8: Emissions in Restricted Bands

Test Result

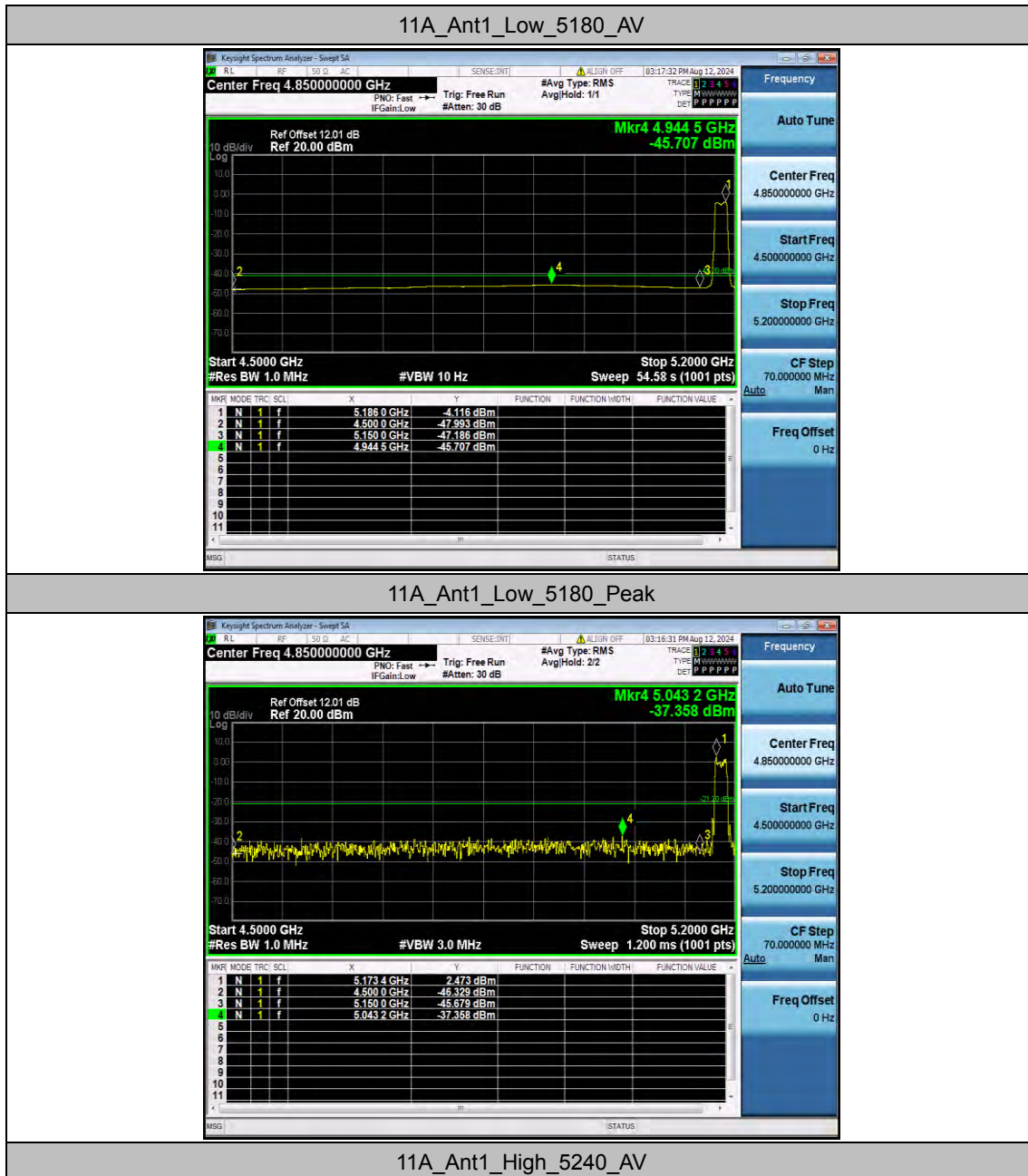
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.99	≤-41.20	47.21	≤54	PASS
				AV	4944.500	-45.71	≤-41.20	49.49	≤54	PASS
				AV	5150.000	-47.19	≤-41.20	48.01	≤54	PASS
				Peak	4500.000	-46.33	≤-21.20	48.87	≤74	PASS
				Peak	5043.200	-37.36	≤-21.20	57.84	≤74	PASS
				Peak	5150.000	-45.68	≤-21.20	49.52	≤74	PASS
		High	5240	AV	5350.000	-46.78	≤-41.20	48.42	≤54	PASS
				AV	5453.040	-45.92	≤-41.20	49.28	≤54	PASS
				AV	5460.000	-45.98	≤-41.20	49.22	≤54	PASS
				Peak	5350.000	-43.32	≤-21.20	51.88	≤74	PASS
				Peak	5377.680	-37.54	≤-21.20	57.66	≤74	PASS
				Peak	5460.000	-42.03	≤-21.20	53.17	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.97	≤-41.20	47.23	≤54	PASS
				AV	4943.100	-45.69	≤-41.20	49.51	≤54	PASS
				AV	5150.000	-47.14	≤-41.20	48.06	≤54	PASS
				Peak	4500.000	-43.75	≤-21.20	51.45	≤74	PASS
				Peak	4939.600	-37.17	≤-21.20	58.03	≤74	PASS
				Peak	5150.000	-40.92	≤-21.20	54.28	≤74	PASS
		High	5240	AV	5350.000	-46.78	≤-41.20	48.42	≤54	PASS
				AV	5452.800	-45.89	≤-41.20	49.31	≤54	PASS
				AV	5460.000	-45.94	≤-41.20	49.26	≤54	PASS
				Peak	5350.000	-41.39	≤-21.20	53.81	≤74	PASS
				Peak	5409.600	-38.19	≤-21.20	57.01	≤74	PASS
				Peak	5460.000	-47.77	≤-21.20	47.43	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.99	≤-41.20	47.21	≤54	PASS
				AV	4945.900	-45.67	≤-41.20	49.53	≤54	PASS
				AV	5150.000	-46.96	≤-41.20	48.24	≤54	PASS
				Peak	4500.000	-46.17	≤-21.20	49.03	≤74	PASS
				Peak	5040.400	-37.23	≤-21.20	57.97	≤74	PASS
				Peak	5150.000	-39.82	≤-21.20	55.38	≤74	PASS
		High	5230	AV	5350.000	-46.74	≤-41.20	48.46	≤54	PASS
				AV	5455.060	-45.84	≤-41.20	49.36	≤54	PASS
				AV	5460.000	-45.88	≤-41.20	49.32	≤54	PASS
				Peak	5350.000	-41.03	≤-21.20	54.17	≤74	PASS
				Peak	5418.140	-37.07	≤-21.20	58.13	≤74	PASS
				Peak	5460.000	-41.03	≤-21.20	54.17	≤74	PASS

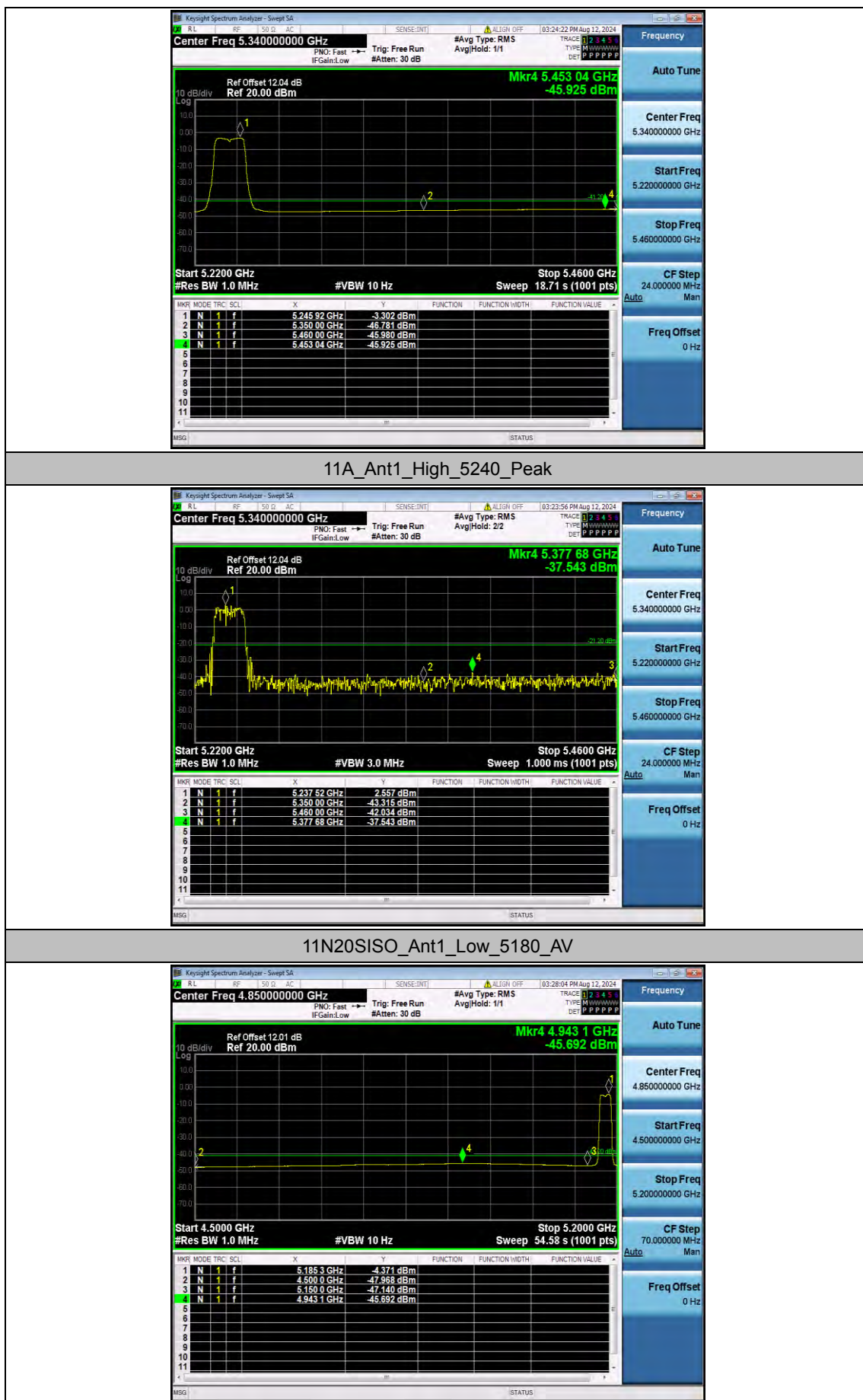
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.9	≤ -41.20	47.30	≤ 54	PASS
				AV	4942.400	-45.6	≤ -41.20	49.60	≤ 54	PASS
				AV	5150.000	-47.06	≤ -41.20	48.14	≤ 54	PASS
				Peak	4500.000	-45.21	≤ -21.20	49.99	≤ 74	PASS
				Peak	5052.300	-36.82	≤ -21.20	58.38	≤ 74	PASS
				Peak	5150.000	-42.43	≤ -21.20	52.77	≤ 74	PASS
		High	5240	AV	5350.000	-46.68	≤ -41.20	48.52	≤ 54	PASS
				AV	5458.560	-45.8	≤ -41.20	49.40	≤ 54	PASS
				AV	5460.000	-45.87	≤ -41.20	49.33	≤ 54	PASS
				Peak	5350.000	-43.86	≤ -21.20	51.34	≤ 74	PASS
				Peak	5408.160	-37.32	≤ -21.20	57.88	≤ 74	PASS
				Peak	5460.000	-41.19	≤ -21.20	54.01	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.87	≤ -41.20	47.33	≤ 54	PASS
				AV	4946.600	-45.56	≤ -41.20	49.64	≤ 54	PASS
				AV	5150.000	-46.18	≤ -41.20	49.02	≤ 54	PASS
				Peak	4500.000	-44.28	≤ -21.20	50.92	≤ 74	PASS
				Peak	4986.500	-36.09	≤ -21.20	59.11	≤ 74	PASS
				Peak	5150.000	-44.03	≤ -21.20	51.17	≤ 74	PASS
		High	5230	AV	5350.000	-46.64	≤ -41.20	48.56	≤ 54	PASS
				AV	5460.000	-45.94	≤ -41.20	49.26	≤ 54	PASS
				AV	5452.720	-45.85	≤ -41.20	49.35	≤ 54	PASS
				Peak	5350.000	-47.63	≤ -21.20	47.57	≤ 74	PASS
				Peak	5459.480	-37.58	≤ -21.20	57.62	≤ 74	PASS
				Peak	5460.000	-40.15	≤ -21.20	55.05	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.85	≤ -41.20	47.35	≤ 54	PASS
				AV	5148.750	-45.5	≤ -41.20	49.70	≤ 54	PASS
				AV	5150.000	-45.56	≤ -41.20	49.64	≤ 54	PASS
				Peak	4500.000	-45.48	≤ -21.20	49.72	≤ 74	PASS
				Peak	5043.000	-37.15	≤ -21.20	58.05	≤ 74	PASS
				Peak	5150.000	-42.93	≤ -21.20	52.27	≤ 74	PASS
		High	5210	AV	5350.000	-46.72	≤ -41.20	48.48	≤ 54	PASS
				AV	5458.600	-45.82	≤ -41.20	49.38	≤ 54	PASS
				AV	5460.000	-45.86	≤ -41.20	49.34	≤ 54	PASS
				Peak	5350.000	-40.18	≤ -21.20	55.02	≤ 74	PASS
				Peak	5444.880	-37.77	≤ -21.20	57.43	≤ 74	PASS
				Peak	5460.000	-41.05	≤ -21.20	54.15	≤ 74	PASS

Note:

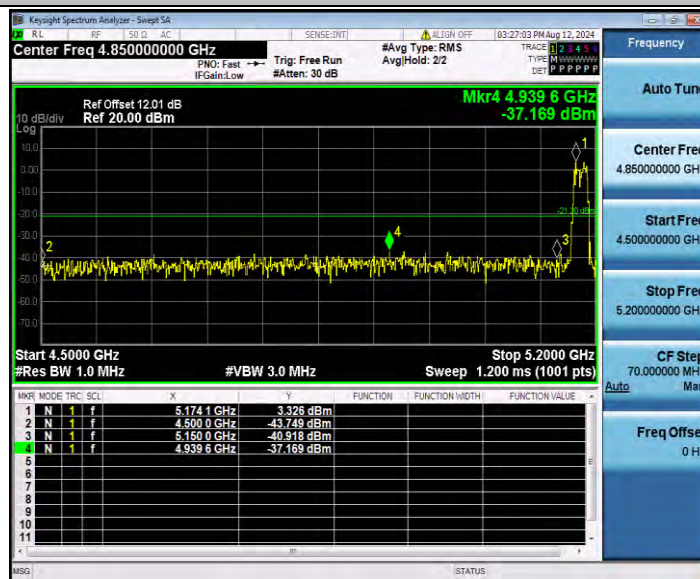
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

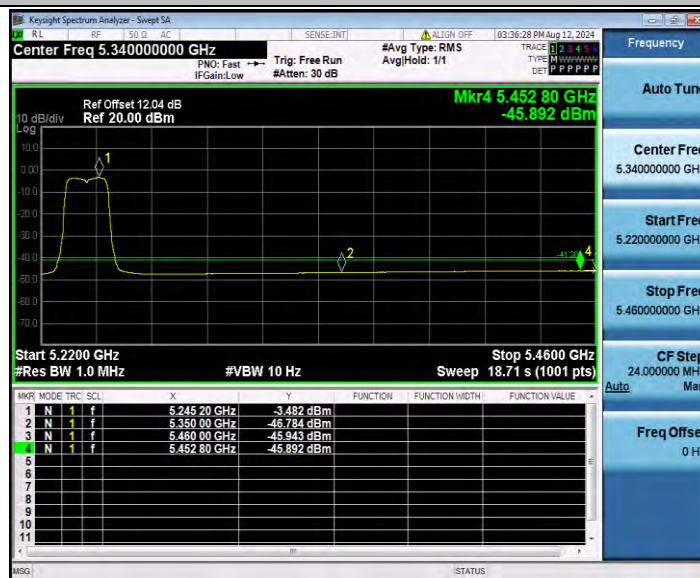




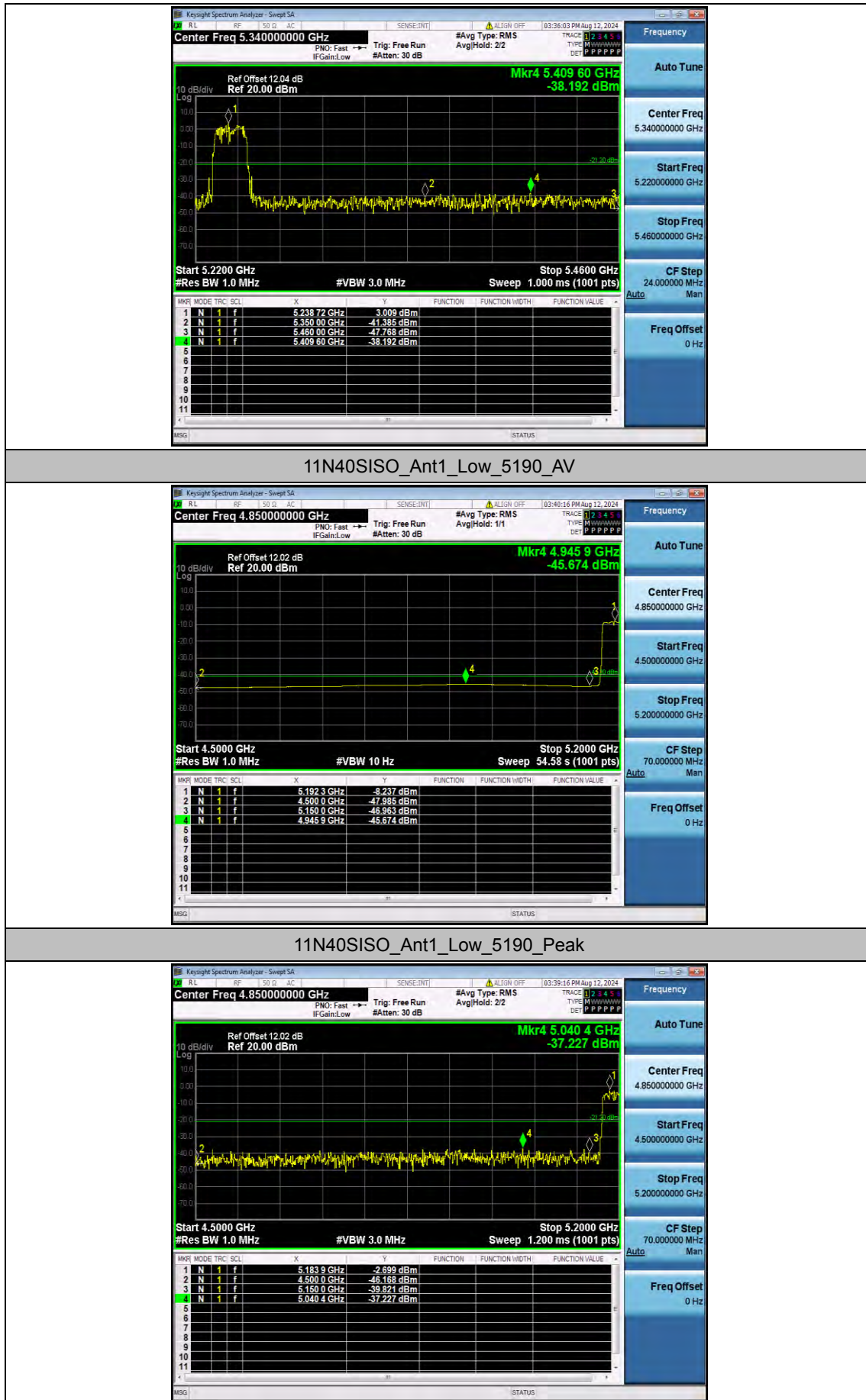
11N20SISO_Ant1_Low_5180_Peak



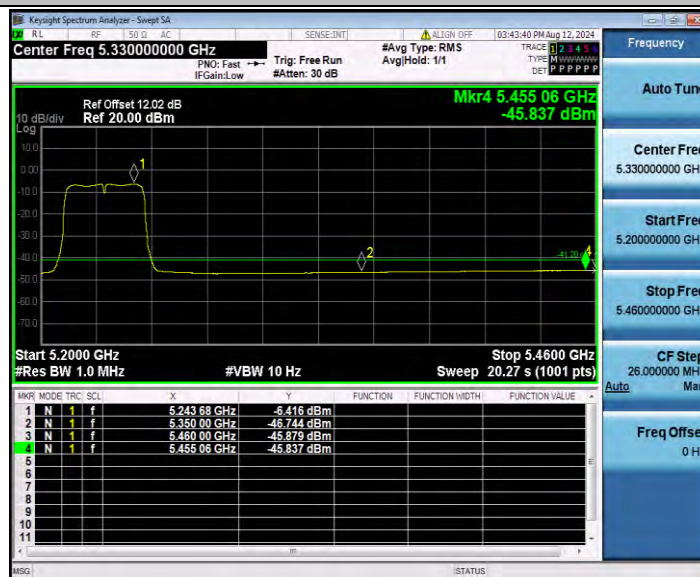
11N20SISO_Ant1_High_5240_AV



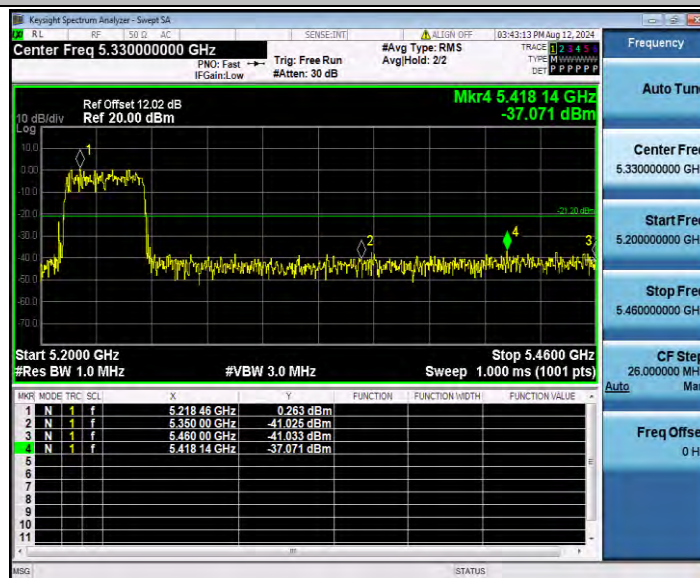
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_High_5230_AV



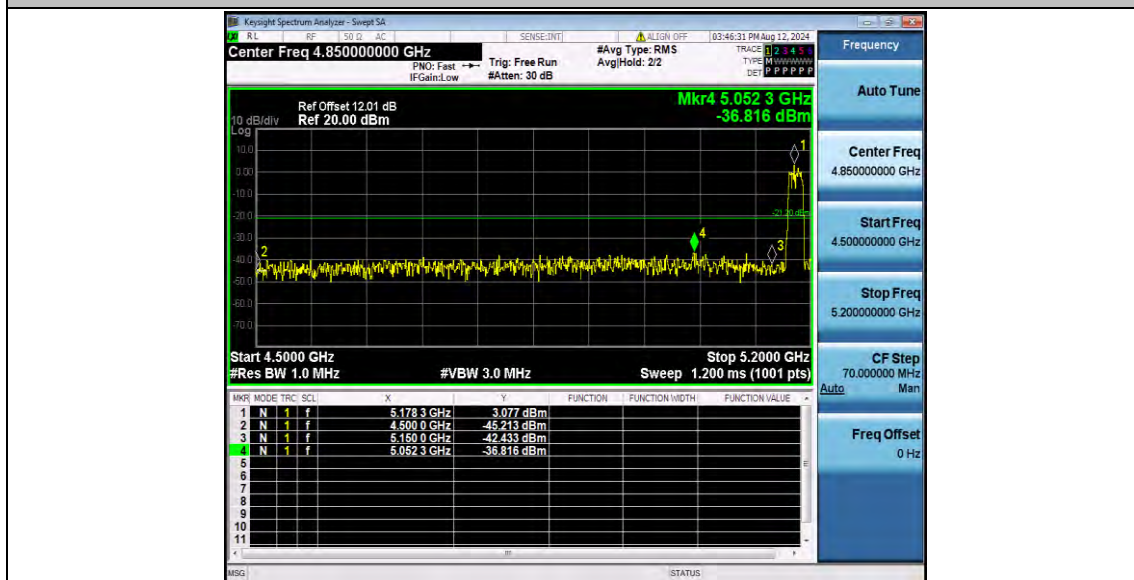
11N40SISO_Ant1_High_5230_Peak



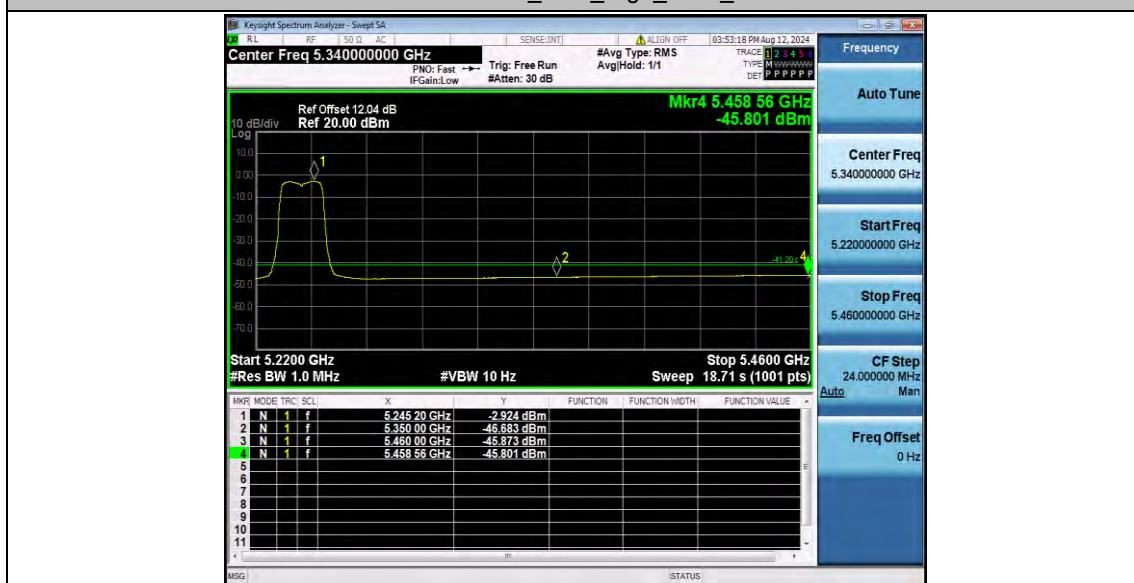
11AC20SISO_Ant1_Low_5180_AV



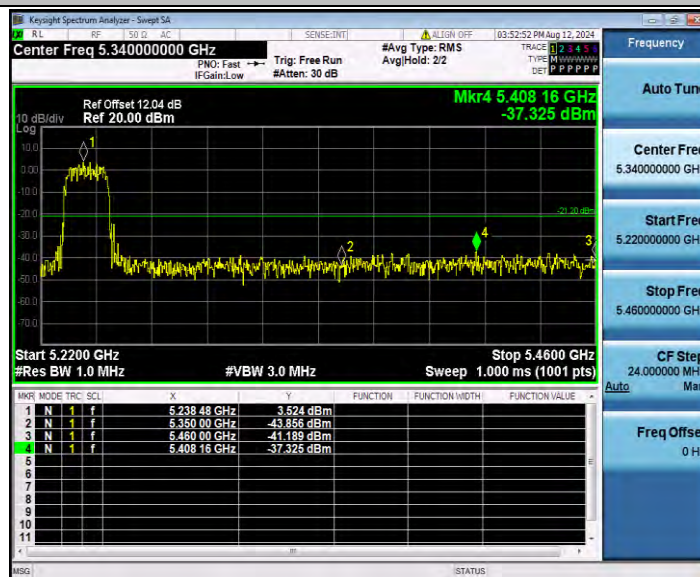
11AC20SISO_Ant1_Low_5180_Peak



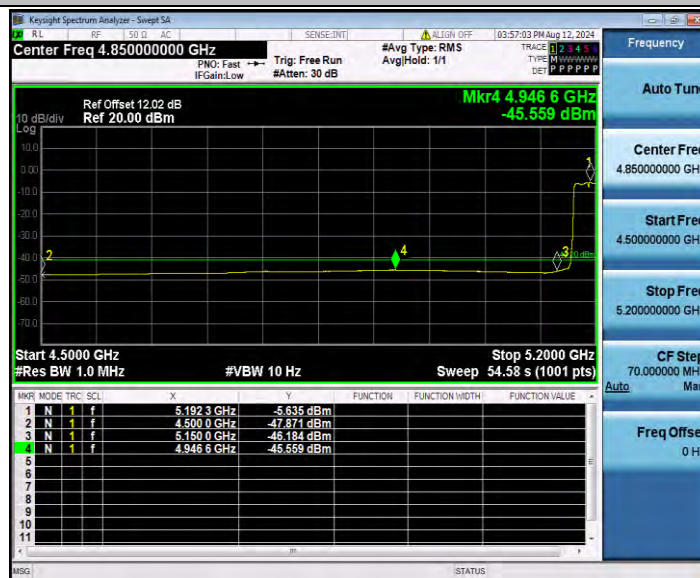
11AC20SISO_Ant1_High_5240_AV



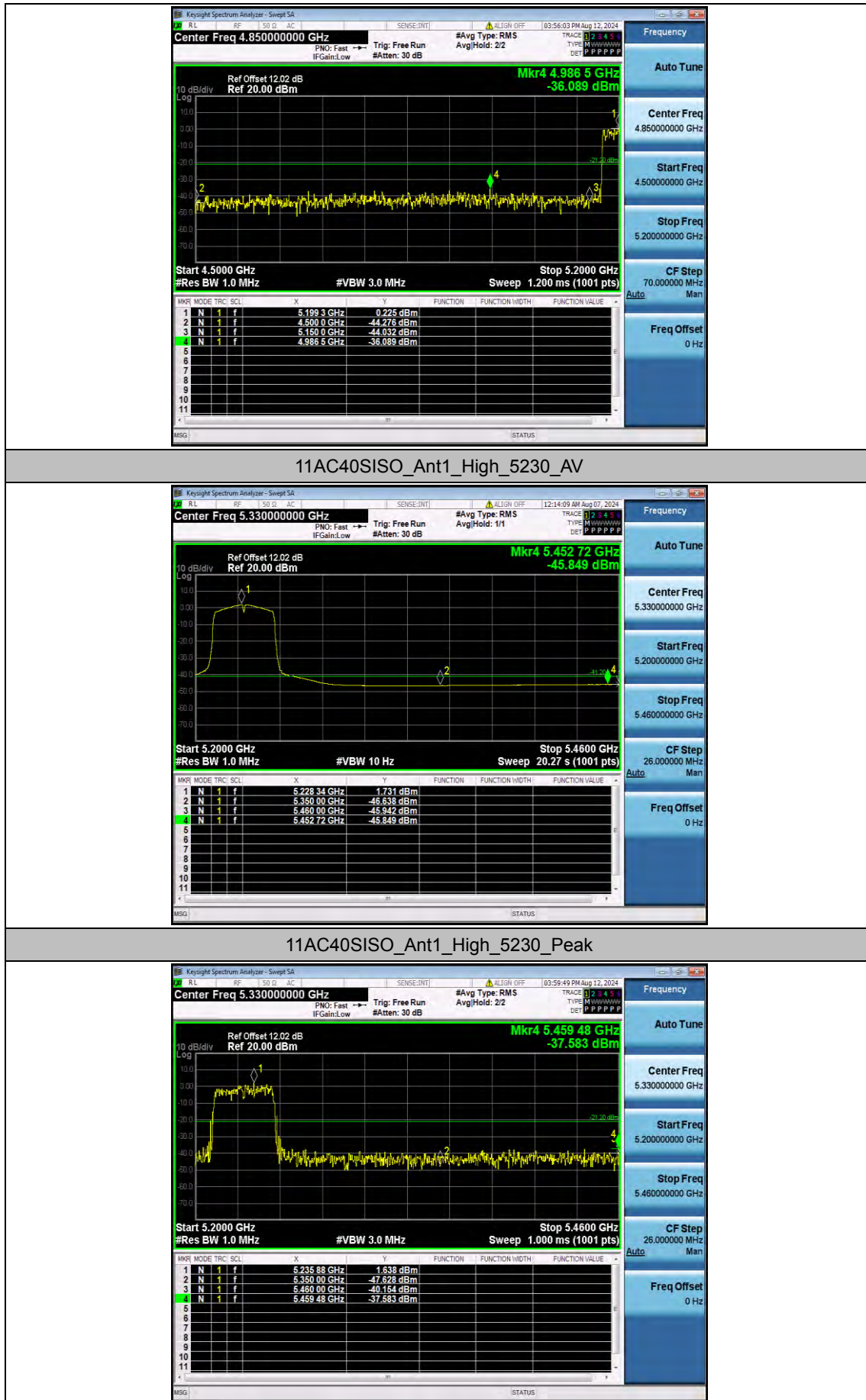
11AC20SISO_Ant1_High_5240_Peak



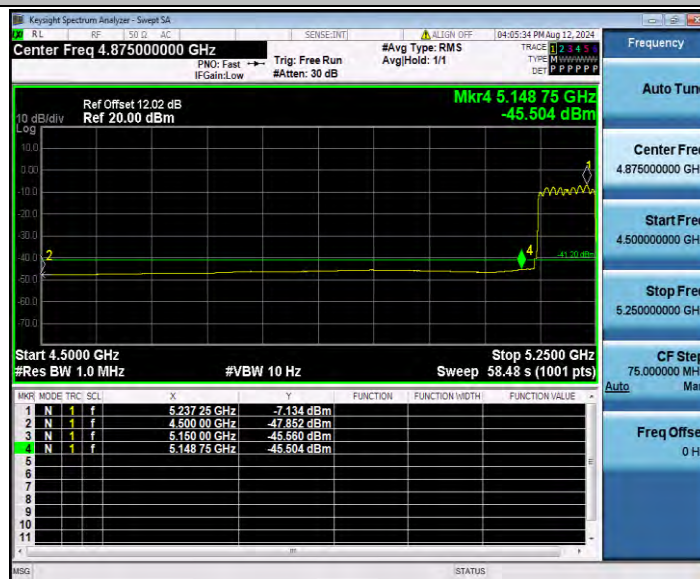
11AC40SISO_Ant1_Low_5190_AV



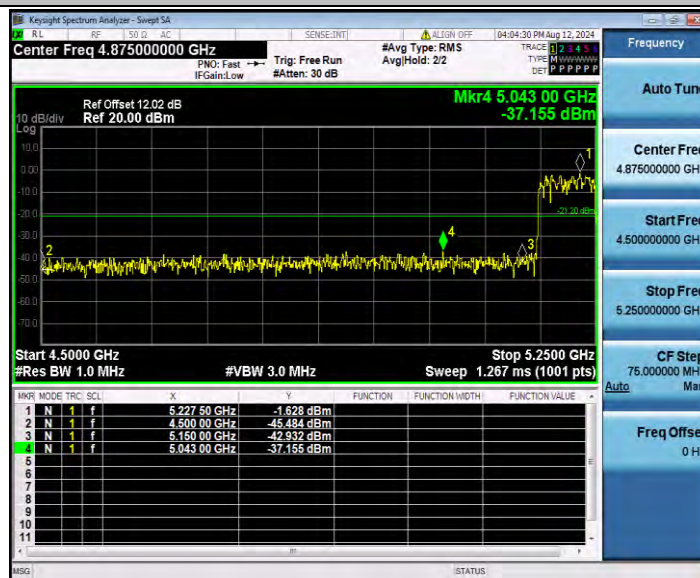
11AC40SISO_Ant1_Low_5190_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

