

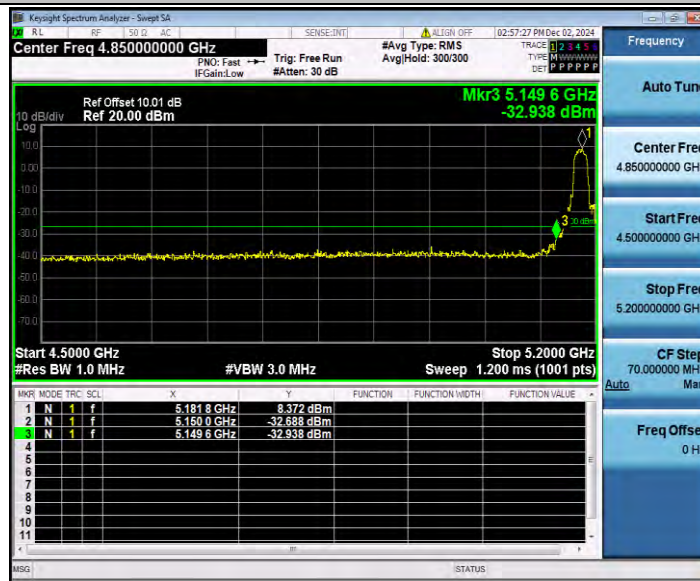
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-32.94	≤ -27	PASS
		High	5240	-37.56	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-31.27	≤ -27	PASS
		High	5240	-37.11	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-28.51	≤ -27	PASS
		High	5230	-37.24	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-35.32	≤ -27	PASS
		High	5240	-37.42	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-32.59	≤ -27	PASS
		High	5230	-37.22	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-30.84	≤ -27	PASS
		High	5210	-37.8	≤ -27	PASS

Test Graphs B1

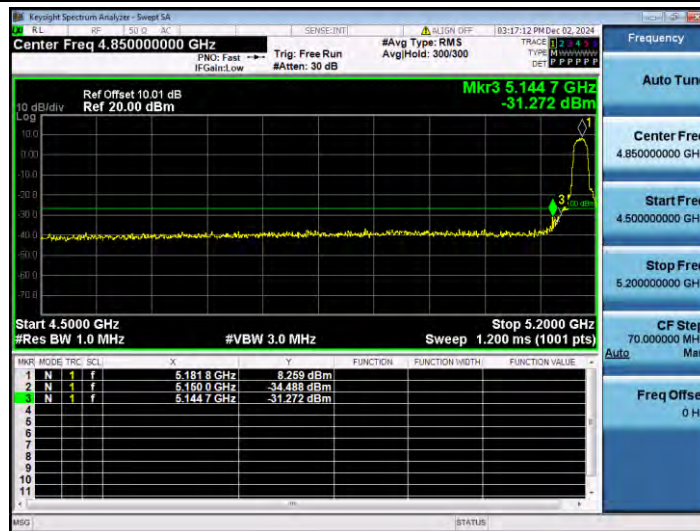
11A_Ant1_Low_5180



11A_Ant1_High_5240



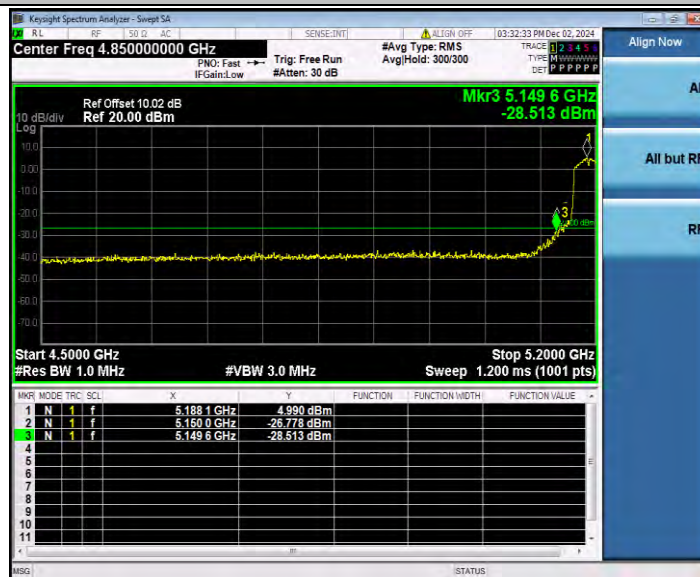
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



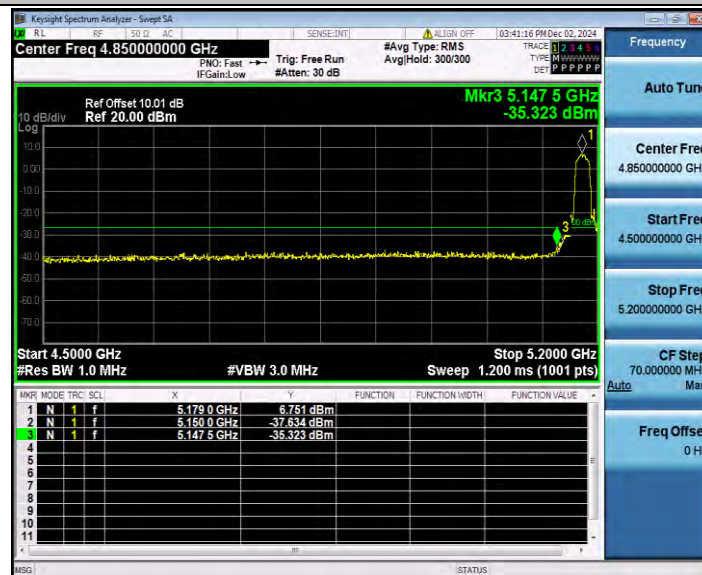
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



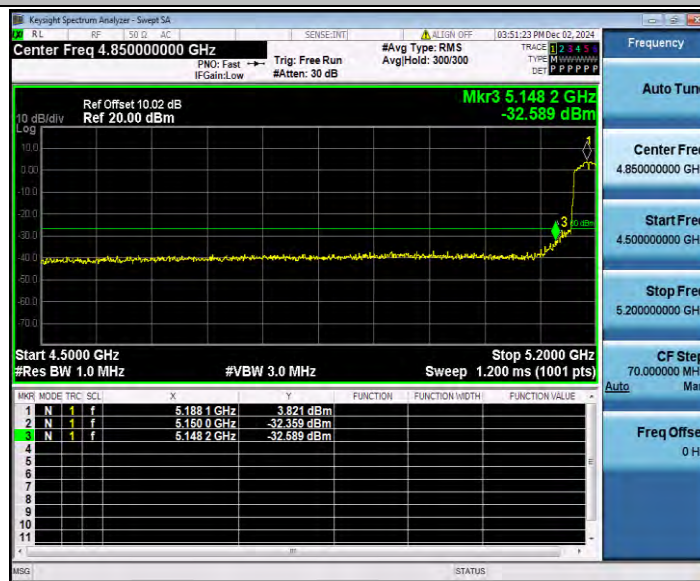
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



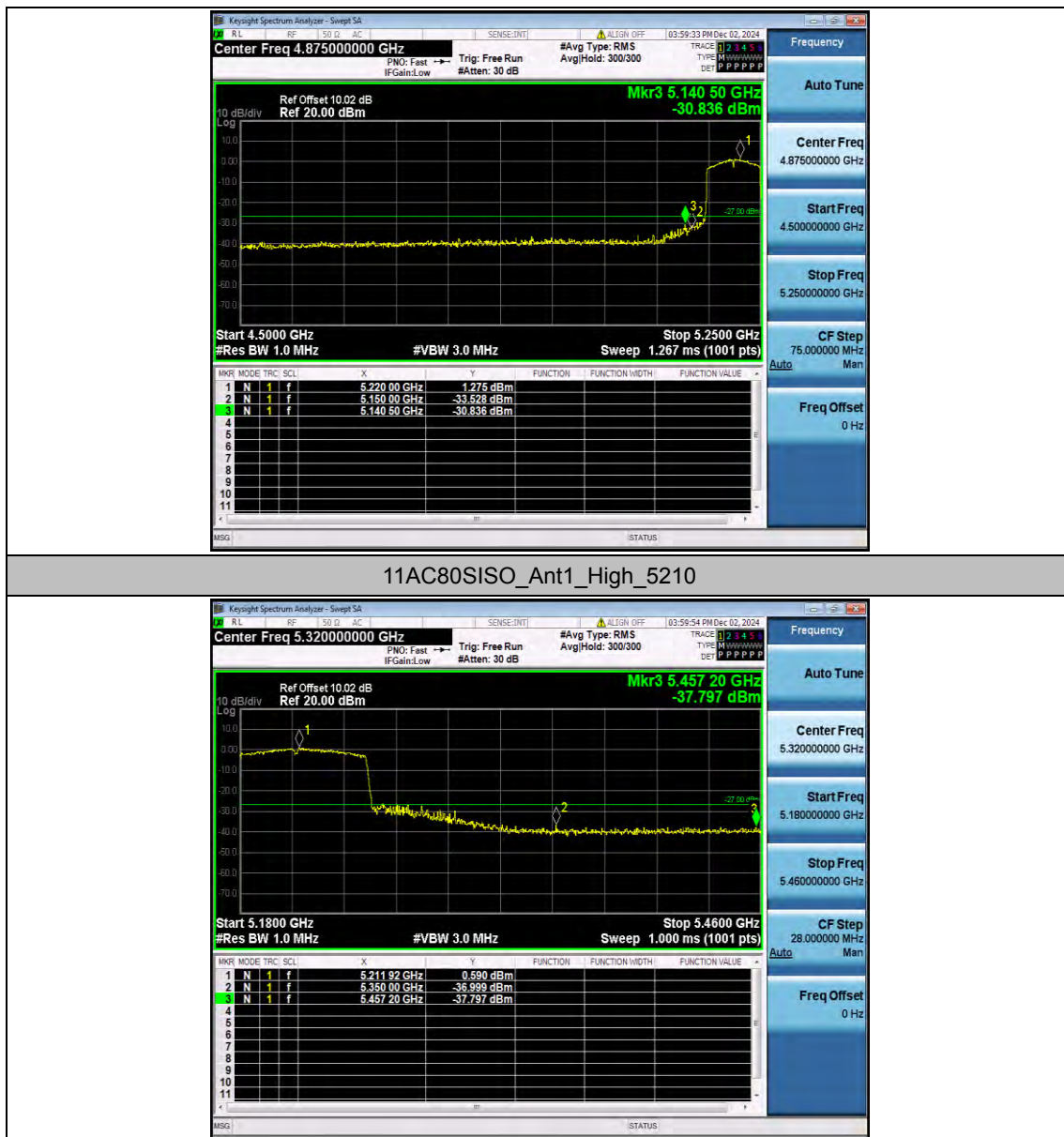
11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



Appendix D.7: Conducted Spurious Emission

Test Result

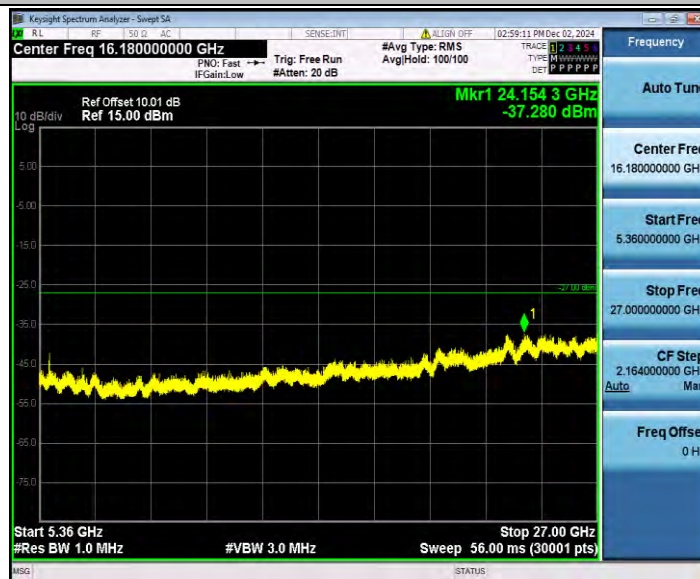
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5140	-40.7	≤-27	PASS
			5360~27000	24154.34	-37.28	≤-27	PASS
		5200	30~5140	5137.45	-44.82	≤-27	PASS
			5360~27000	24962.23	-37.3	≤-27	PASS
		5240	30~5140	3271.95	-45.5	≤-27	PASS
			5360~27000	23523.17	-37.37	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5139.32	-39.98	≤-27	PASS
			5360~27000	25031.48	-36.92	≤-27	PASS
		5200	30~5140	5139.66	-45.72	≤-27	PASS
			5360~27000	24270.47	-36.88	≤-27	PASS
		5240	30~5140	2519.93	-34.8	≤-27	PASS
			5360~27000	24247.39	-36.87	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5139.32	-36.61	≤-27	PASS
			5360~27000	23544.81	-36.85	≤-27	PASS
		5230	30~5140	3179.8	-45.72	≤-27	PASS
			5360~27000	26494.35	-37.26	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5140	-43.51	≤-27	PASS
			5360~27000	24285.62	-36.58	≤-27	PASS
		5200	30~5140	4915.5	-46.51	≤-27	PASS
			5360~27000	25032.92	-36.71	≤-27	PASS
		5240	30~5140	4998.62	-46.01	≤-27	PASS
			5360~27000	24834.56	-36.29	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5138.47	-38.52	≤-27	PASS
			5360~27000	24236.57	-36.79	≤-27	PASS
		5230	30~5140	5139.83	-45.51	≤-27	PASS
			5360~27000	26054.33	-37.23	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5137.45	-34.58	≤-27	PASS
			5360~27000	23468.35	-36.32	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



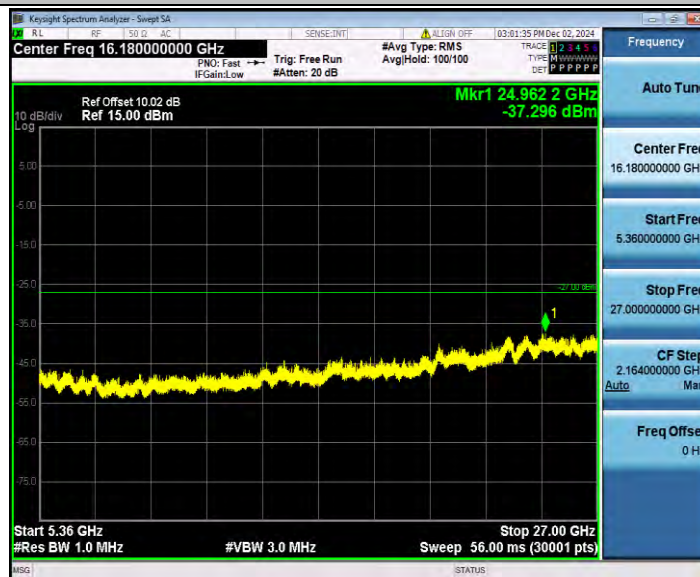
11A_Ant1_5180_5360~27000



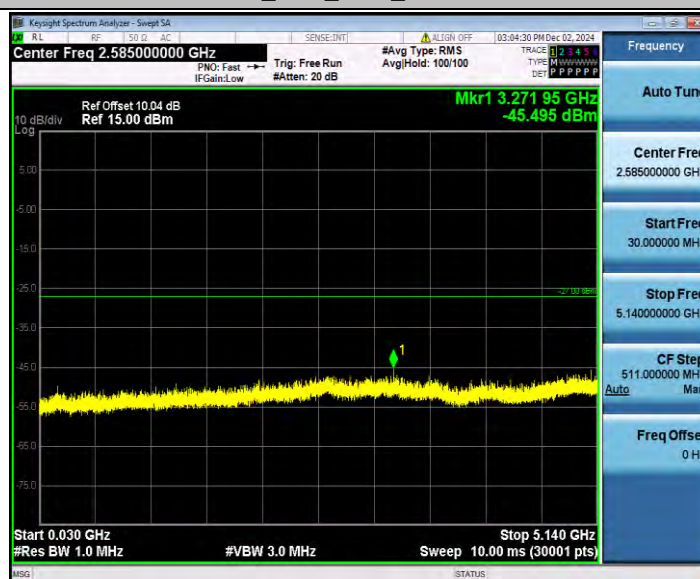
11A_Ant1_5200_30~5140



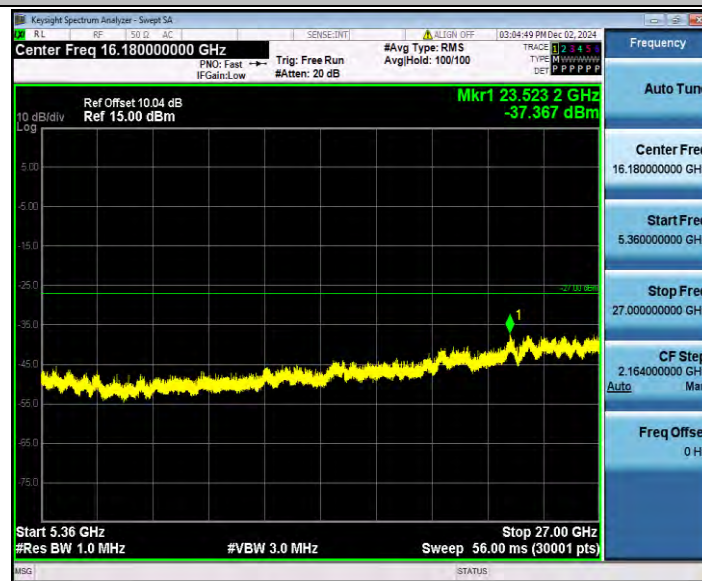
11A_Ant1_5200_5360~27000



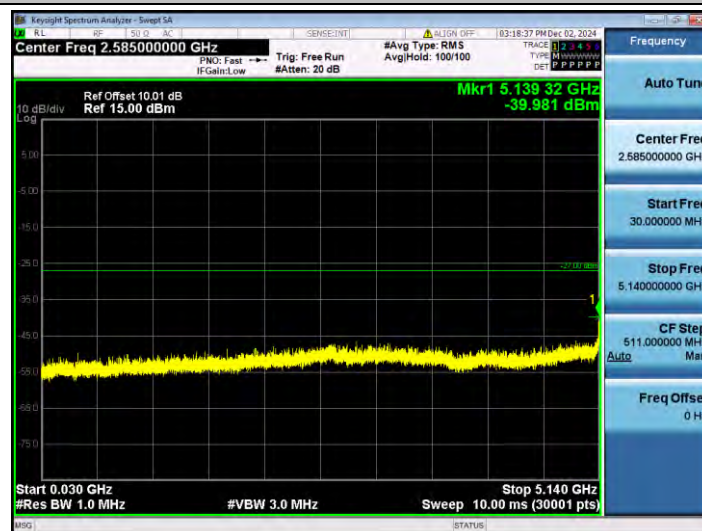
11A_Ant1_5240_30~5140



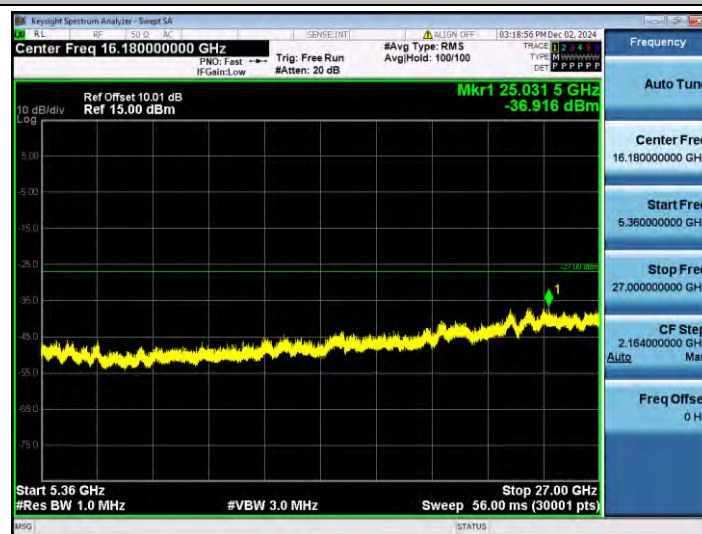
11A_Ant1_5240_5360~27000



11N20SISO_Ant1_5180_30~5140



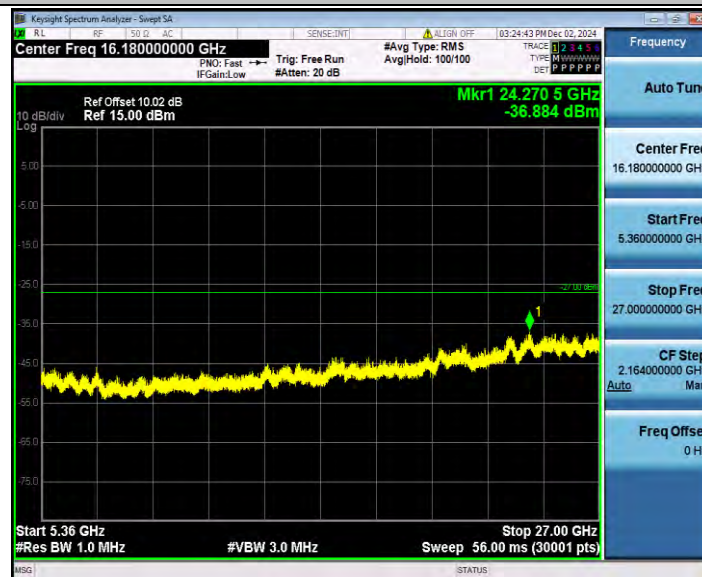
11N20SISO_Ant1_5180_5360~27000



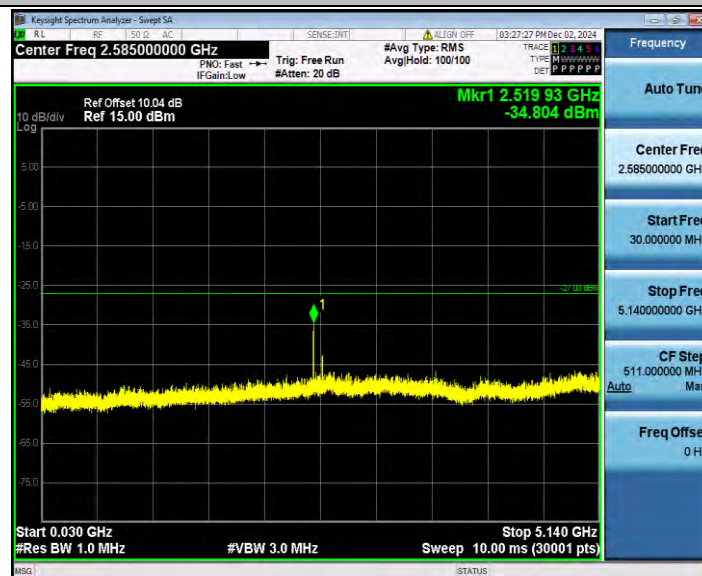
11N20SISO_Ant1_5200_30~5140

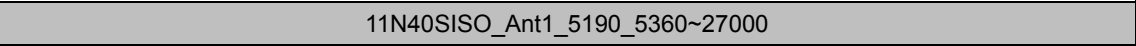
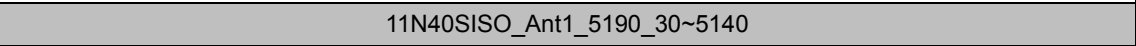


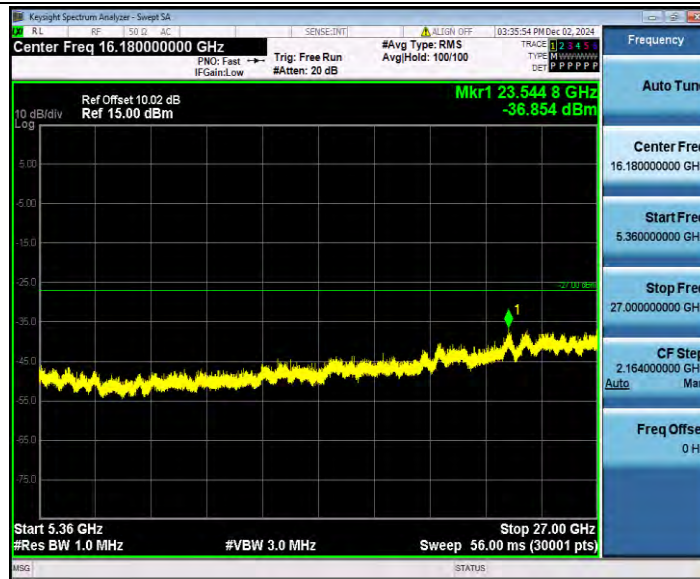
11N20SISO_Ant1_5200_5360~27000



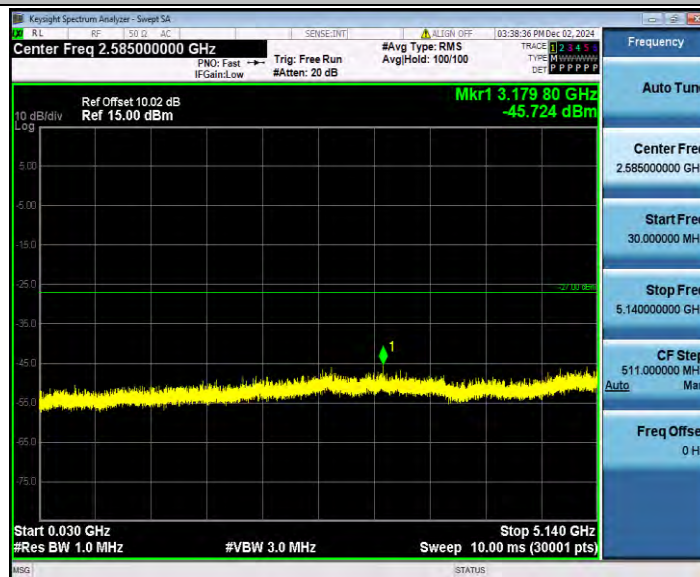
11N20SISO_Ant1_5240_30~5140



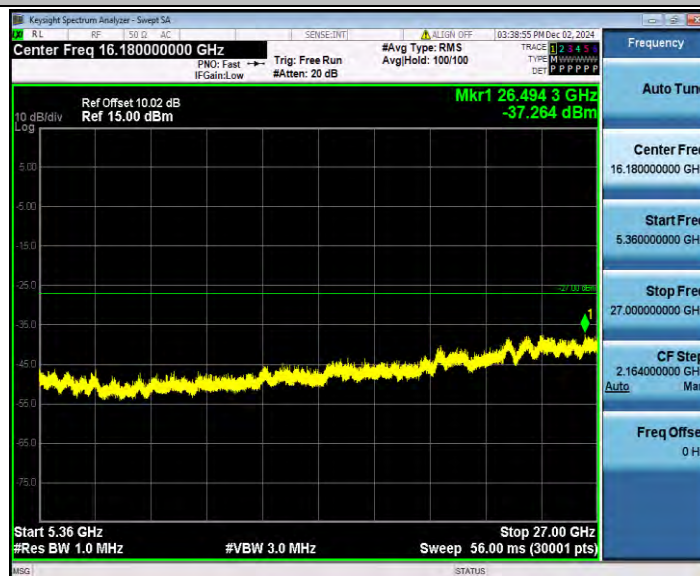




11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



11AC20SISO_Ant1_5180_5360~27000



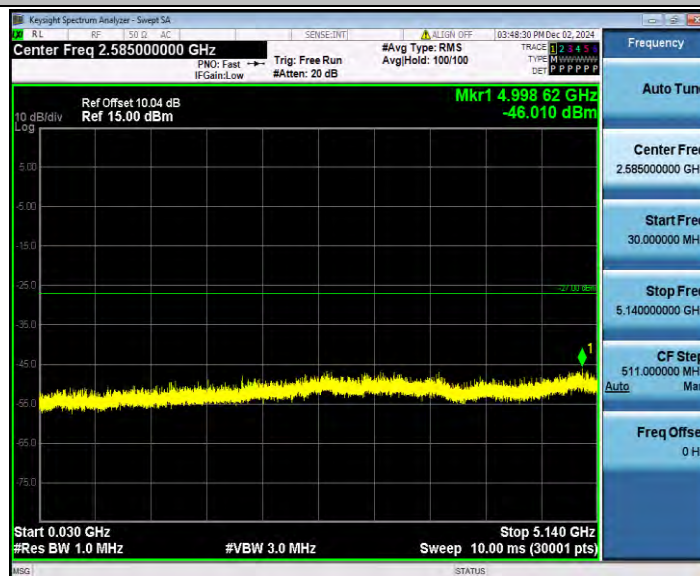
11AC20SISO_Ant1_5200_30~5140

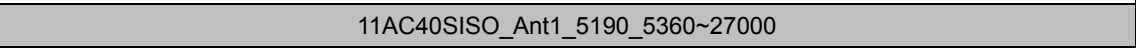
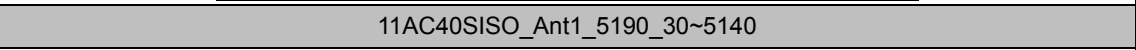


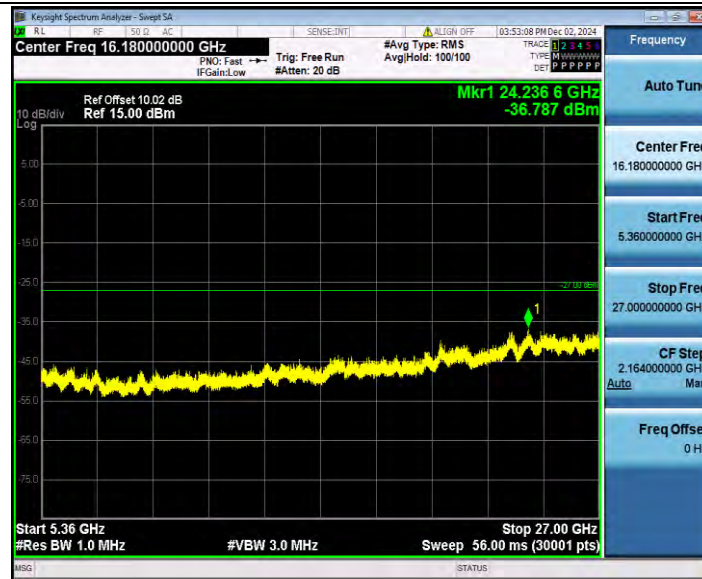
11AC20SISO_Ant1_5200_5360~27000



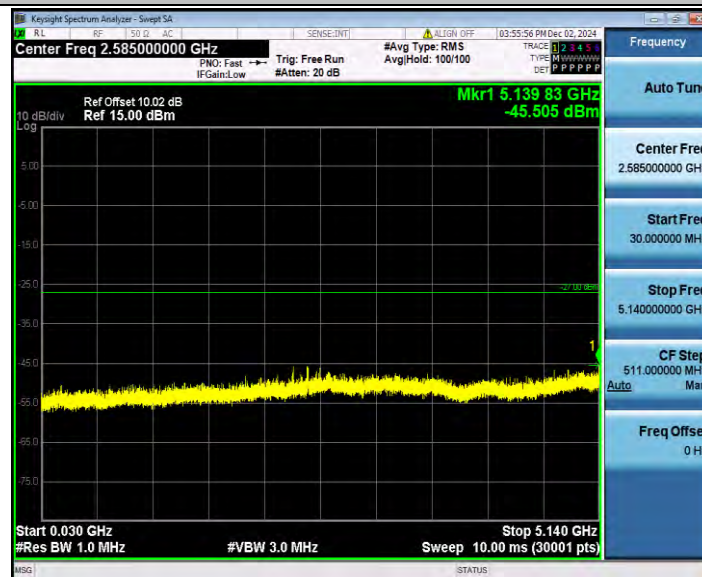
11AC20SISO_Ant1_5240_30~5140







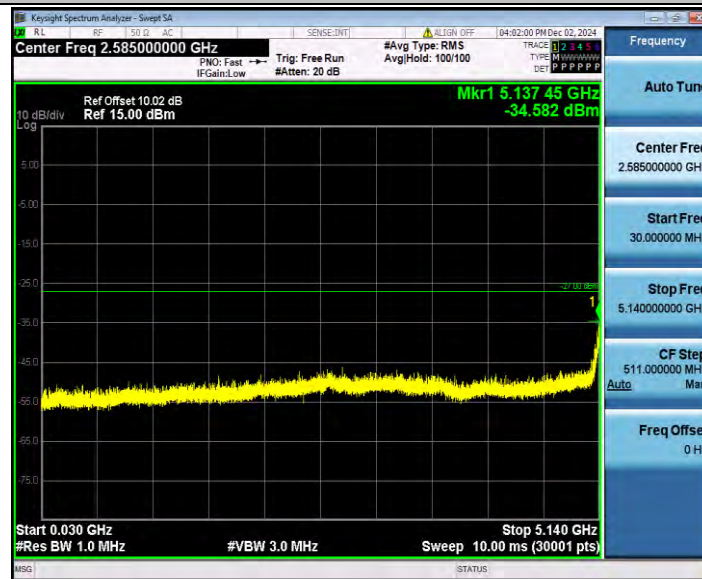
11AC40SISO_Ant1_5230_30~5140



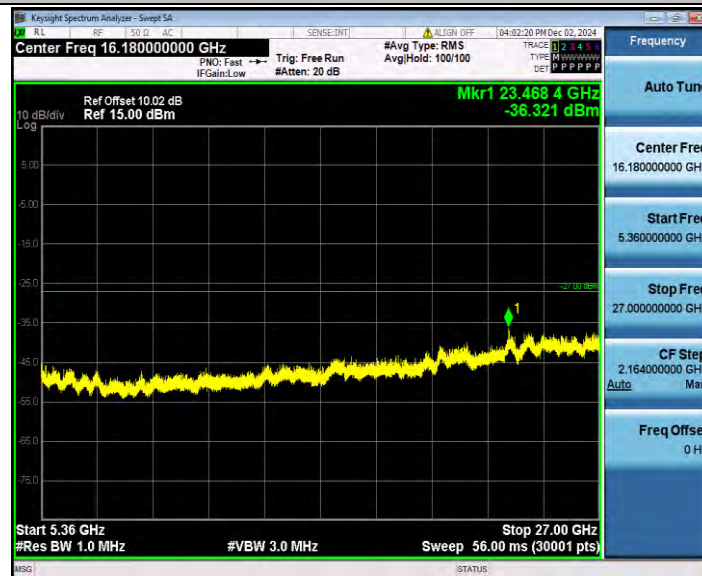
11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000



Appendix D.8: Emissions in Restricted Bands

Test Result

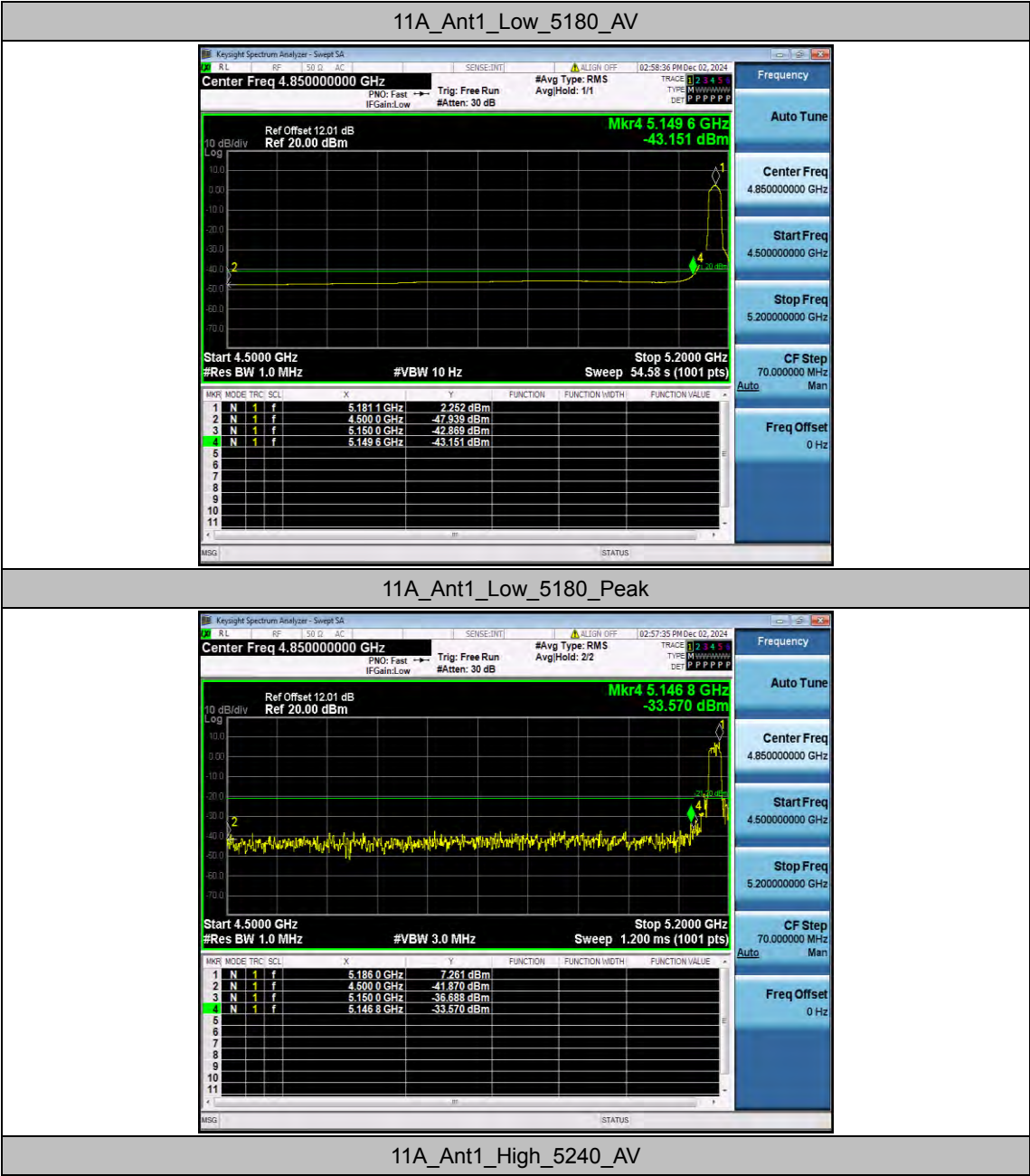
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.94	≤-41.20	47.26	≤54	PASS
				AV	5149.600	-43.15	≤-41.20	52.05	≤54	PASS
				AV	5150.000	-42.87	≤-41.20	52.33	≤54	PASS
				Peak	4500.000	-41.87	≤-21.20	53.33	≤74	PASS
				Peak	5146.800	-33.57	≤-21.20	61.63	≤74	PASS
				Peak	5150.000	-36.69	≤-21.20	58.51	≤74	PASS
		High	5240	AV	5350.000	-46.6	≤-41.20	48.60	≤54	PASS
				AV	5457.600	-45.86	≤-41.20	49.34	≤54	PASS
				AV	5460.000	-45.87	≤-41.20	49.33	≤54	PASS
				Peak	5350.000	-41.79	≤-21.20	53.41	≤74	PASS
				Peak	5427.120	-37.59	≤-21.20	57.61	≤74	PASS
				Peak	5460.000	-44.04	≤-21.20	51.16	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.87	≤-41.20	47.33	≤54	PASS
				AV	5149.600	-42.92	≤-41.20	52.28	≤54	PASS
				AV	5150.000	-42.63	≤-41.20	52.57	≤54	PASS
				Peak	4500.000	-43.42	≤-21.20	51.78	≤74	PASS
				Peak	5147.500	-36.5	≤-21.20	58.70	≤74	PASS
				Peak	5150.000	-35.15	≤-21.20	60.05	≤74	PASS
		High	5240	AV	5350.000	-46.76	≤-41.20	48.44	≤54	PASS
				AV	5459.520	-45.94	≤-41.20	49.26	≤54	PASS
				AV	5460.000	-46.01	≤-41.20	49.19	≤54	PASS
				Peak	5350.000	-42.56	≤-21.20	52.64	≤74	PASS
				Peak	5361.840	-37.52	≤-21.20	57.68	≤74	PASS
				Peak	5460.000	-43.11	≤-21.20	52.09	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.96	≤-41.20	47.24	≤54	PASS
				AV	5149.600	-43.25	≤-41.20	51.95	≤54	PASS
				AV	5150.000	-43.06	≤-41.20	52.14	≤54	PASS
				Peak	4500.000	-46.86	≤-21.20	48.34	≤74	PASS
				Peak	5146.800	-35	≤-21.20	60.20	≤74	PASS
				Peak	5150.000	-41.96	≤-21.20	53.24	≤74	PASS
		High	5230	AV	5350.000	-46.61	≤-41.20	48.59	≤54	PASS
				AV	5457.660	-45.88	≤-41.20	49.32	≤54	PASS
				AV	5460.000	-45.97	≤-41.20	49.23	≤54	PASS
				Peak	5350.000	-40.1	≤-21.20	55.10	≤74	PASS
				Peak	5363.540	-37.95	≤-21.20	57.25	≤74	PASS
				Peak	5460.000	-45.13	≤-21.20	50.07	≤74	PASS

11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.95	≤ -41.20	47.25	≤ 54	PASS
				AV	5149.600	-45.31	≤ -41.20	49.89	≤ 54	PASS
				AV	5150.000	-45.18	≤ -41.20	50.02	≤ 54	PASS
				Peak	4500.000	-44.6	≤ -21.20	50.60	≤ 74	PASS
				Peak	5036.200	-36.43	≤ -21.20	58.77	≤ 74	PASS
				Peak	5150.000	-41.7	≤ -21.20	53.50	≤ 74	PASS
		High	5240	AV	5350.000	-46.64	≤ -41.20	48.56	≤ 54	PASS
				AV	5457.120	-45.85	≤ -41.20	49.35	≤ 54	PASS
				AV	5460.000	-45.91	≤ -41.20	49.29	≤ 54	PASS
				Peak	5350.000	-41.7	≤ -21.20	53.50	≤ 74	PASS
				Peak	5428.800	-37.12	≤ -21.20	58.08	≤ 74	PASS
				Peak	5460.000	-48.32	≤ -21.20	46.88	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.92	≤ -41.20	47.28	≤ 54	PASS
				AV	5149.600	-43.5	≤ -41.20	51.70	≤ 54	PASS
				AV	5150.000	-43.41	≤ -41.20	51.79	≤ 54	PASS
				Peak	4500.000	-45.25	≤ -21.20	49.95	≤ 74	PASS
				Peak	5146.100	-35.61	≤ -21.20	59.59	≤ 74	PASS
				Peak	5150.000	-35.98	≤ -21.20	59.22	≤ 74	PASS
		High	5230	AV	5350.000	-46.64	≤ -41.20	48.56	≤ 54	PASS
				AV	5457.660	-45.85	≤ -41.20	49.35	≤ 54	PASS
				AV	5460.000	-45.92	≤ -41.20	49.28	≤ 54	PASS
				Peak	5350.000	-43.13	≤ -21.20	52.07	≤ 74	PASS
				Peak	5436.340	-37.46	≤ -21.20	57.74	≤ 74	PASS
				Peak	5460.000	-46.56	≤ -21.20	48.64	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.95	≤ -41.20	47.25	≤ 54	PASS
				AV	5149.500	-42.13	≤ -41.20	53.07	≤ 54	PASS
				AV	5150.000	-42.07	≤ -41.20	53.13	≤ 54	PASS
				Peak	4500.000	-43.09	≤ -21.20	52.11	≤ 74	PASS
				Peak	5121.750	-35.14	≤ -21.20	60.06	≤ 74	PASS
				Peak	5150.000	-40.24	≤ -21.20	54.96	≤ 74	PASS
		High	5210	AV	5350.000	-46.32	≤ -41.20	48.88	≤ 54	PASS
				AV	5456.080	-45.89	≤ -41.20	49.31	≤ 54	PASS
				AV	5460.000	-45.98	≤ -41.20	49.22	≤ 54	PASS
				Peak	5350.000	-42.96	≤ -21.20	52.24	≤ 74	PASS
				Peak	5390.560	-36.33	≤ -21.20	58.87	≤ 74	PASS
				Peak	5460.000	-42.03	≤ -21.20	53.17	≤ 74	PASS

Note:

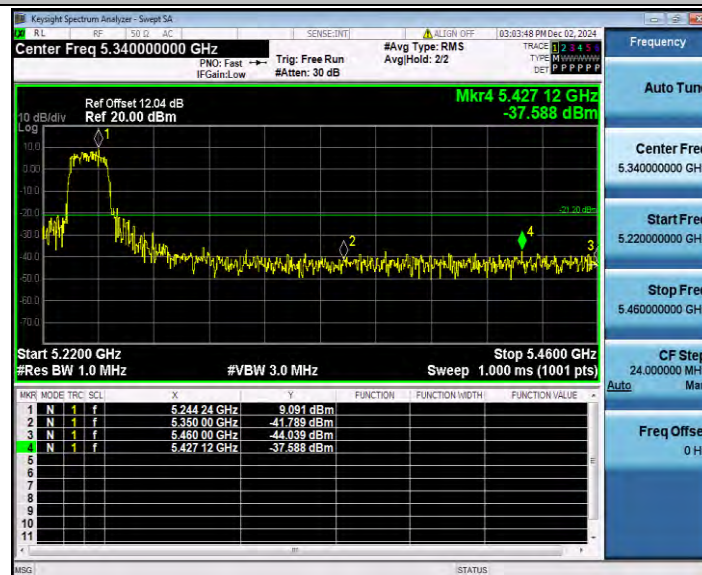
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

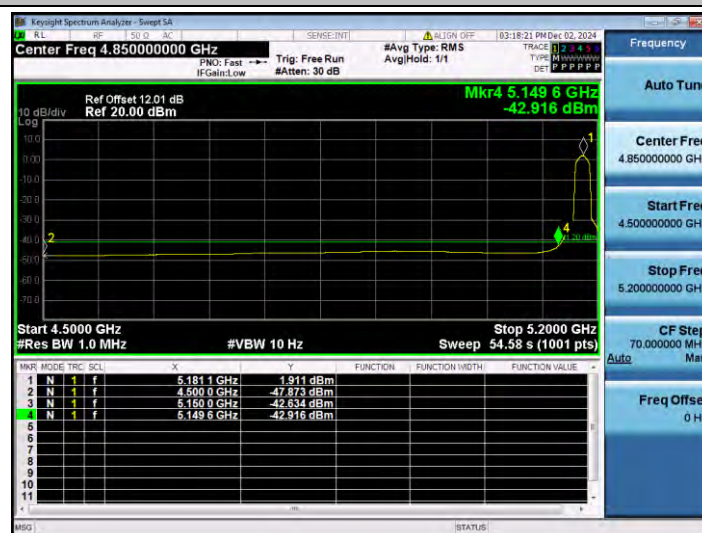




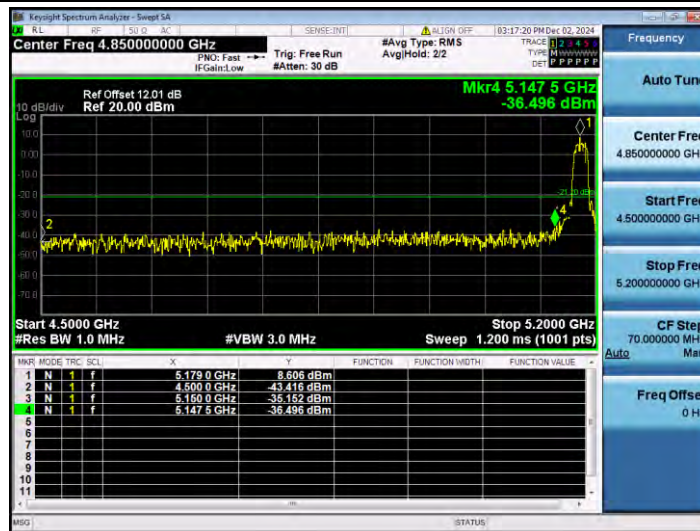
11A_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5180_AV



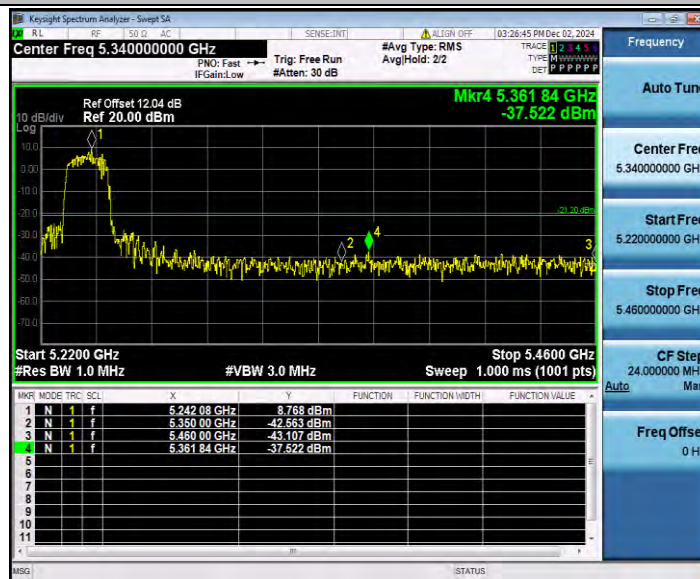
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



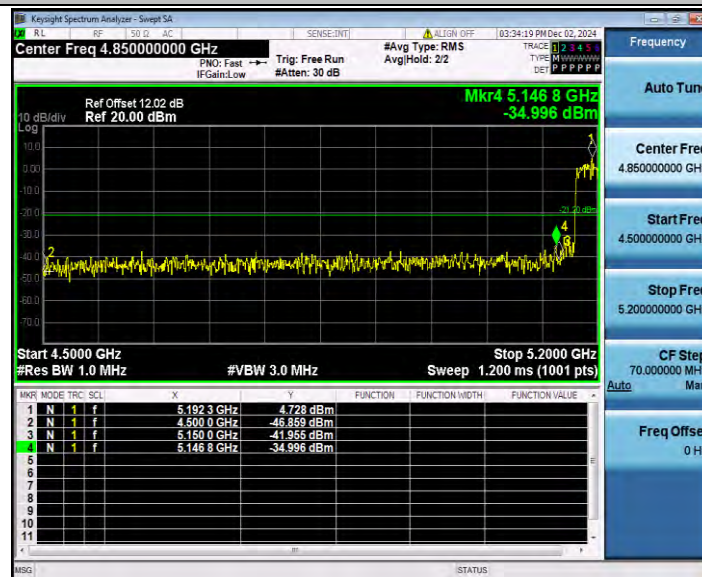
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV



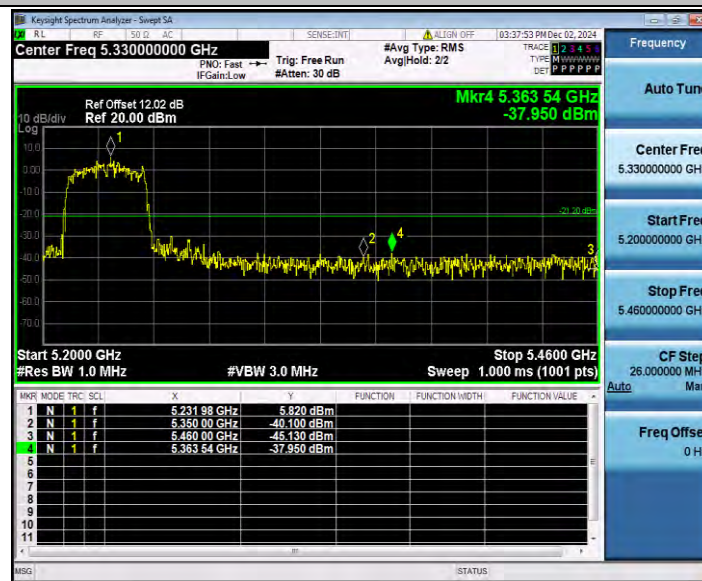
11N40SISO_Ant1_Low_5190_Peak



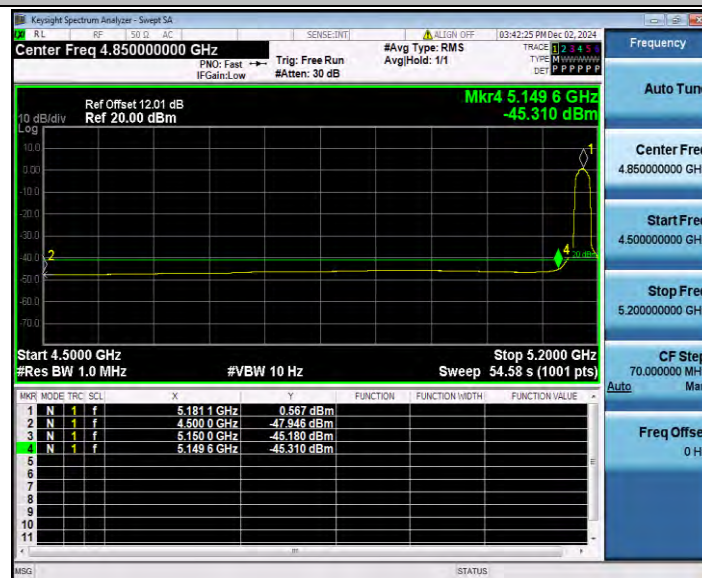
11N40SISO_Ant1_High_5230_AV



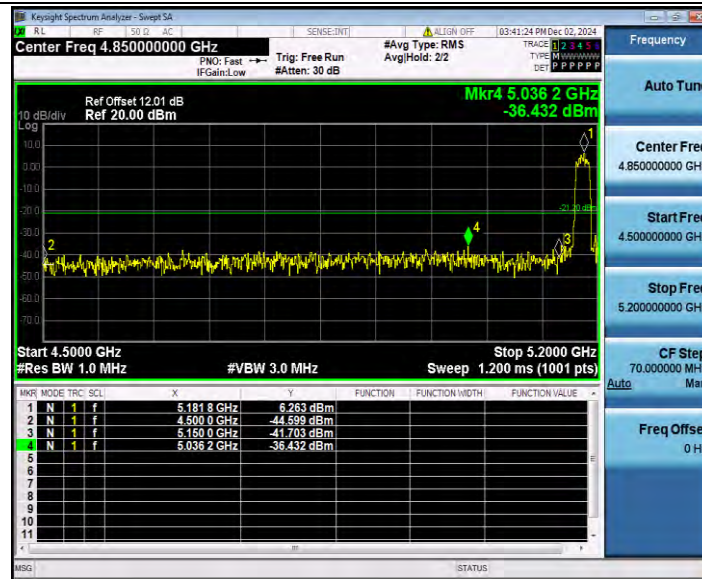
11N40SISO_Ant1_High_5230_Peak



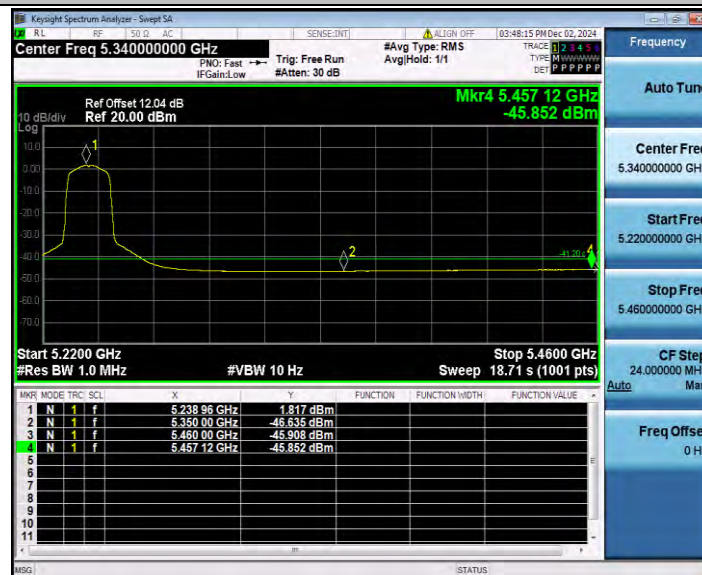
11AC20SISO_Ant1_Low_5180_AV



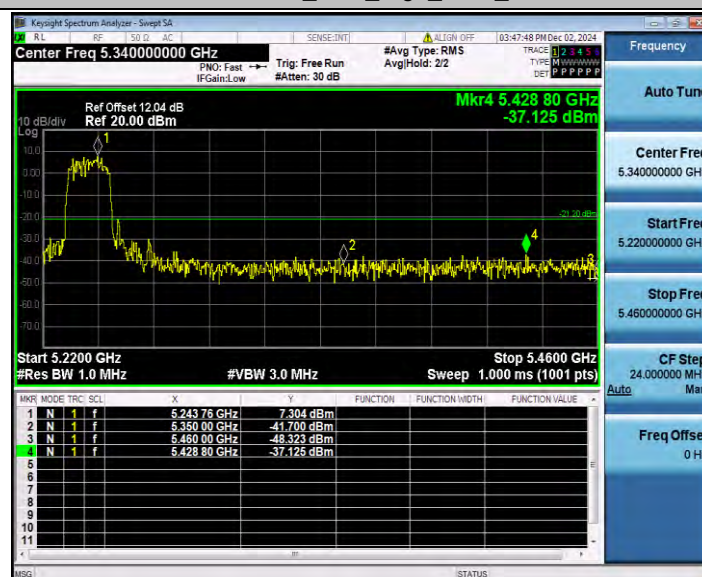
11AC20SISO_Ant1_Low_5180_Peak



11AC20SISO_Ant1_High_5240_AV



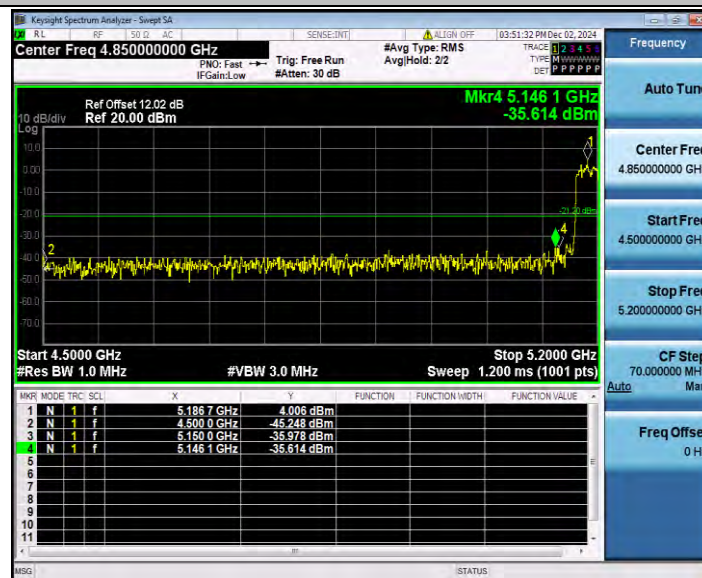
11AC20SISO_Ant1_High_5240_Peak



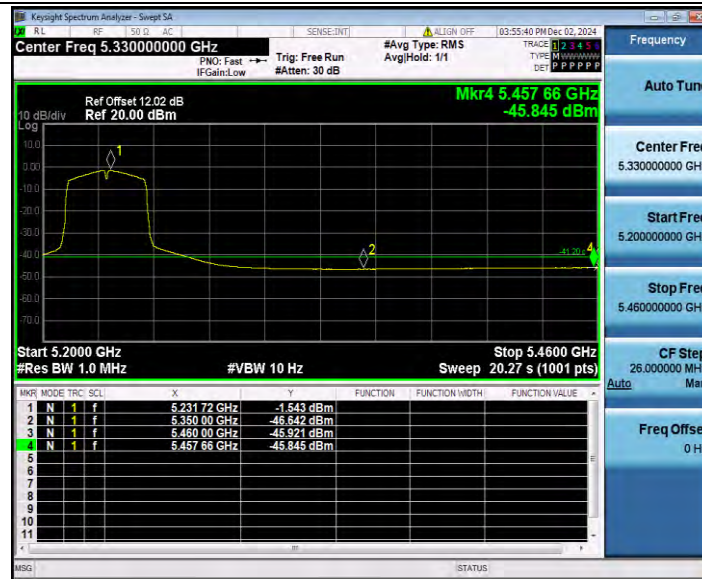
11AC40SISO_Ant1_Low_5190_AV



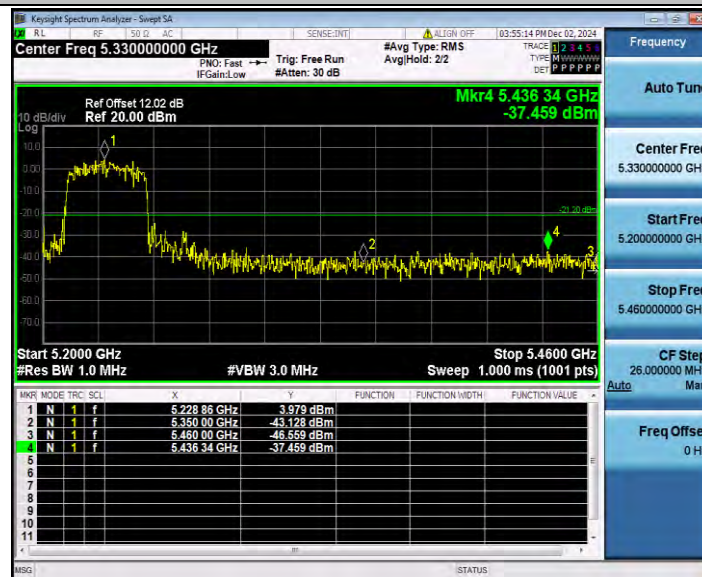
11AC40SISO_Ant1_Low_5190_Peak



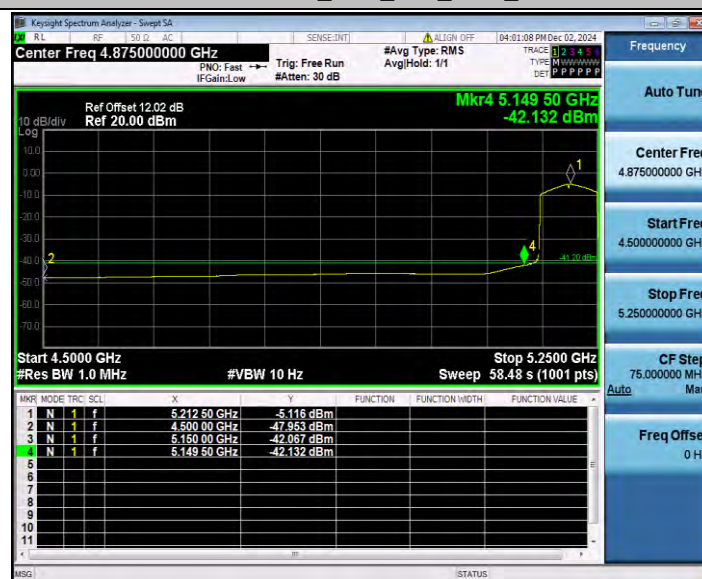
11AC40SISO_Ant1_High_5230_AV



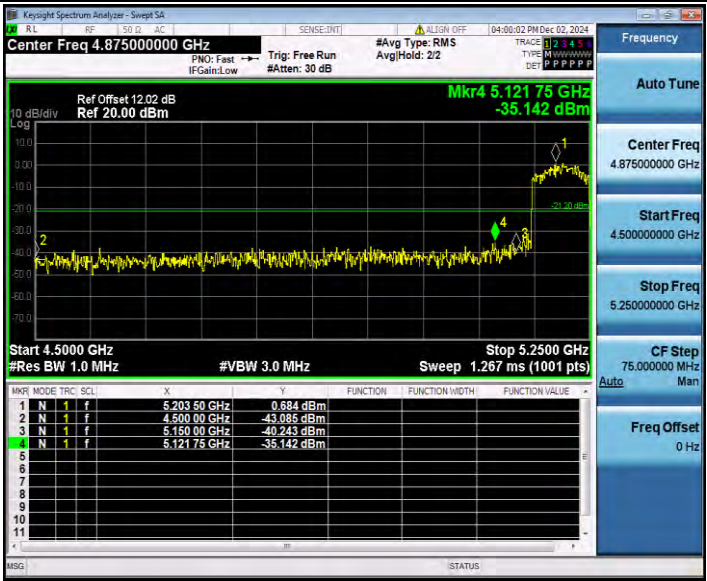
11AC40SISO_Ant1_High_5230_Peak



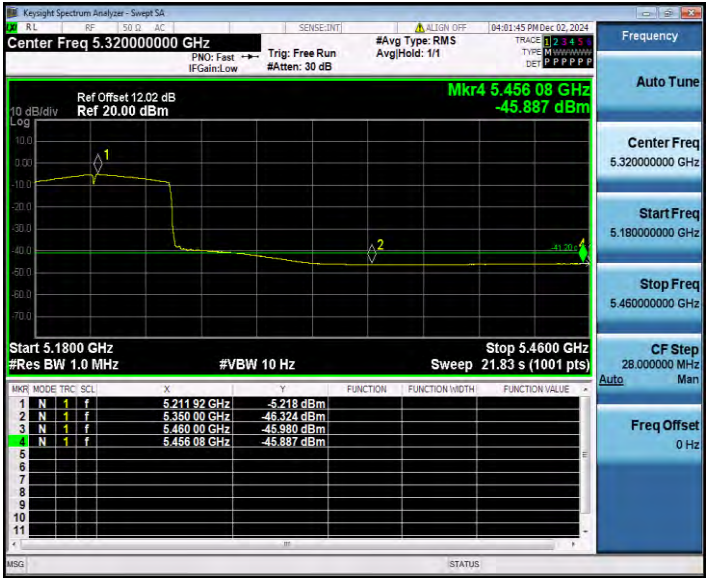
11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak

