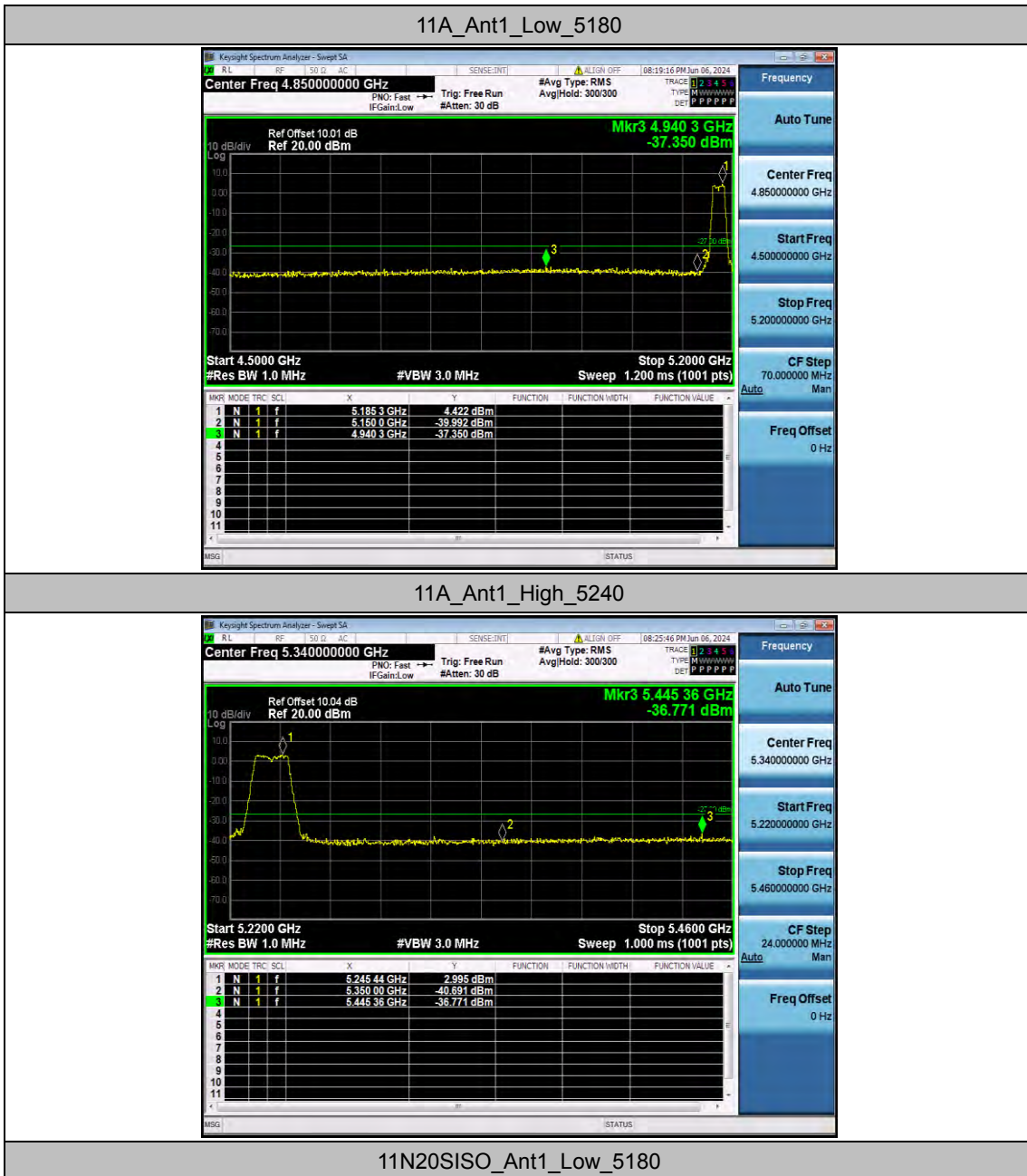


Appendix D.6: Band edge measurements

Test Result B1

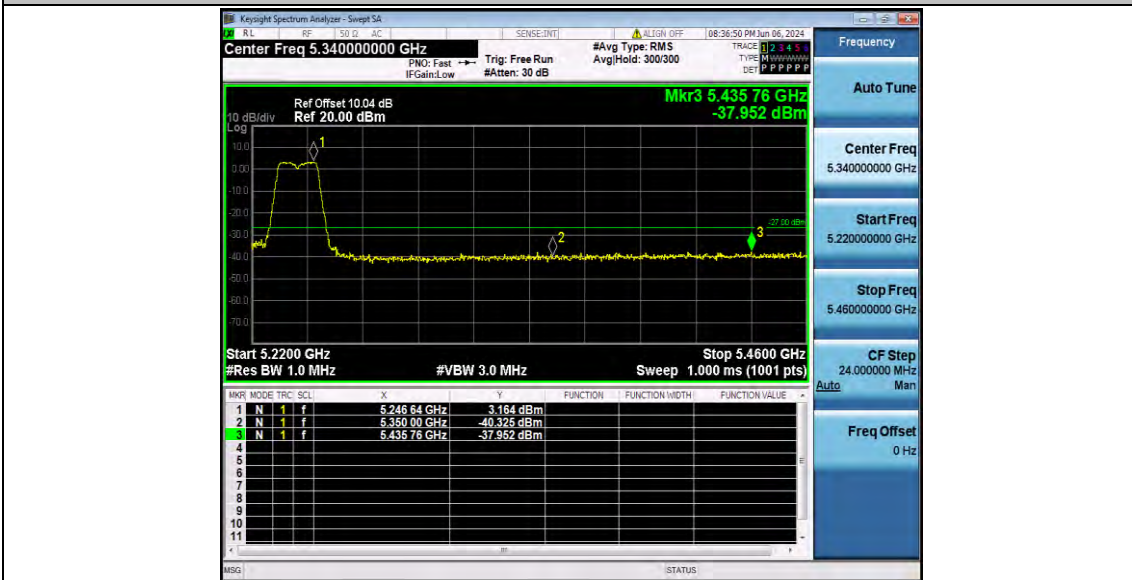
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.35	≤-27	PASS
		High	5240	-36.77	≤-27	PASS
11N20SISO	Ant1	Low	5180	-36.79	≤-27	PASS
		High	5240	-37.95	≤-27	PASS
11N40SISO	Ant1	Low	5190	-37.1	≤-27	PASS
		High	5230	-37.38	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-37.34	≤-27	PASS
		High	5240	-37.5	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-37.12	≤-27	PASS
		High	5230	-37.59	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-36.68	≤-27	PASS
		High	5210	-36.93	≤-27	PASS

Test Graphs B1





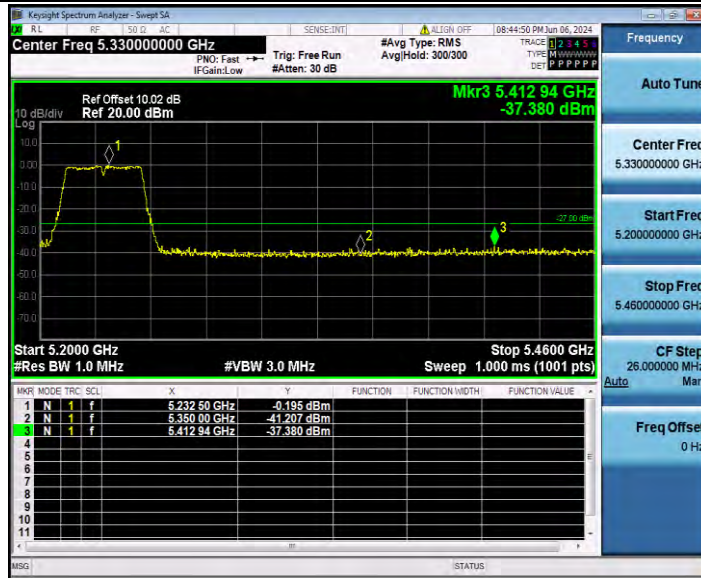
11N20SISO_Ant1_High_5240



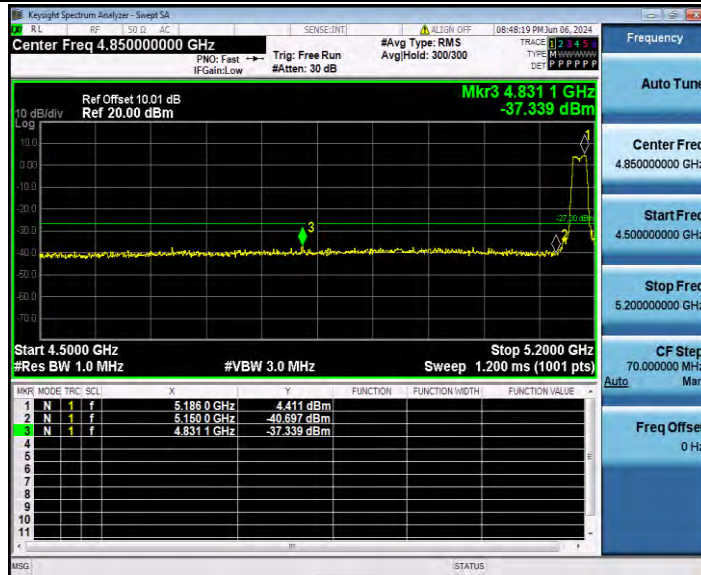
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



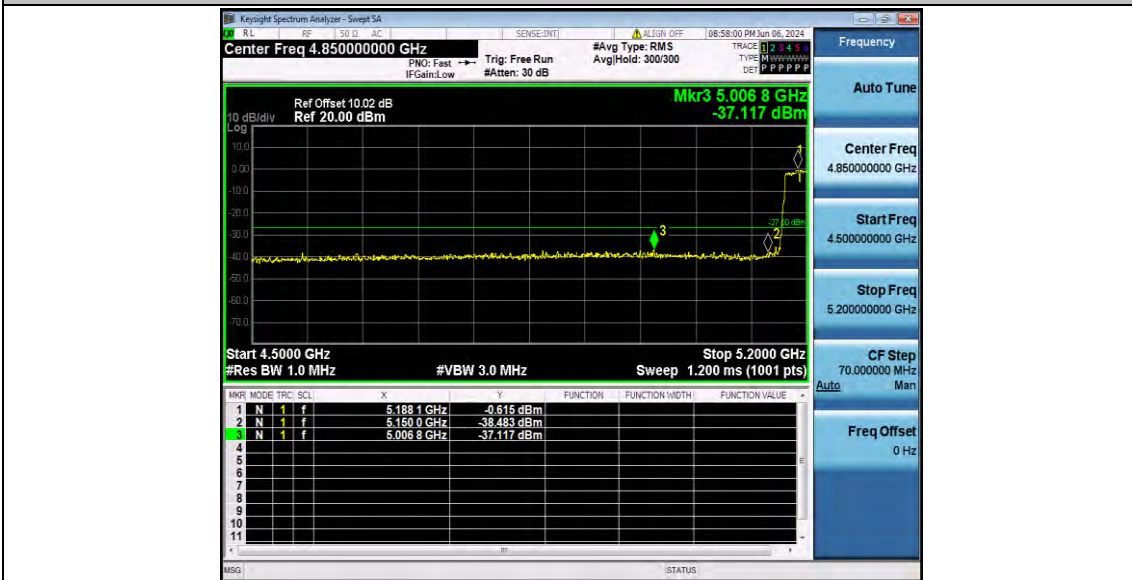
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



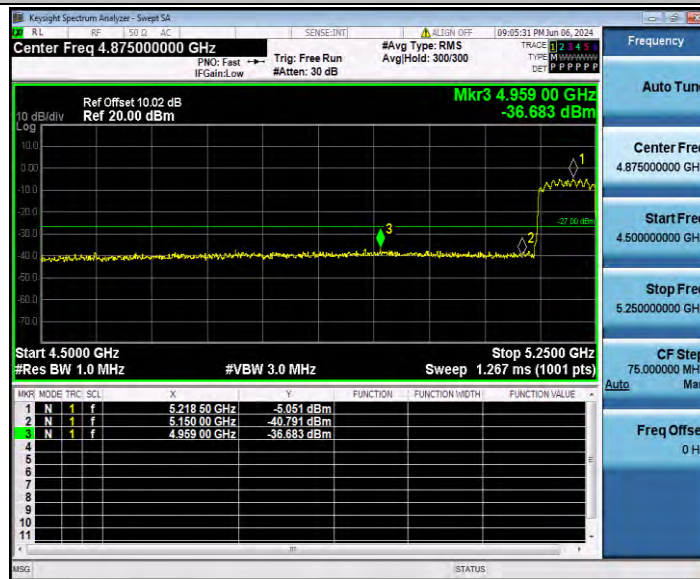
11AC40SISO_Ant1_Low_5190



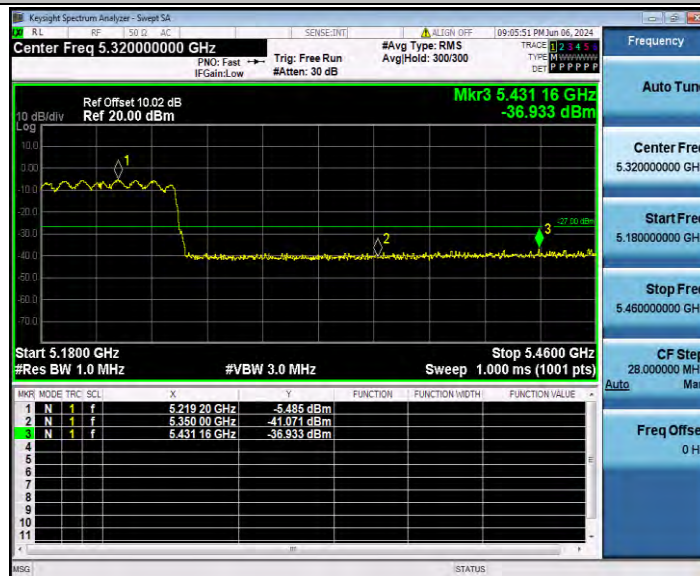
11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



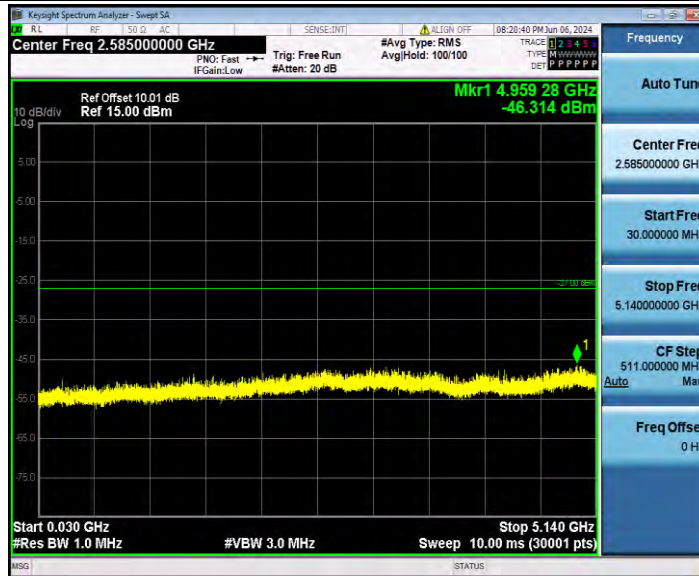
Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4959.28	-46.31	≤-27	PASS
			5360~27000	25164.93	-37.18	≤-27	PASS
		5200	30~5140	3194.79	-46.06	≤-27	PASS
			5360~27000	26094.01	-37.06	≤-27	PASS
		5240	30~5140	3179.46	-45.56	≤-27	PASS
			5360~27000	24854.75	-36.92	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	833.63	-45.74	≤-27	PASS
			5360~27000	23575.83	-37.28	≤-27	PASS
		5200	30~5140	4901.02	-46.05	≤-27	PASS
			5360~27000	26947.34	-37.04	≤-27	PASS
		5240	30~5140	5018.72	-45.84	≤-27	PASS
			5360~27000	24168.77	-36.92	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	2519.59	-44.97	≤-27	PASS
			5360~27000	24271.92	-36.56	≤-27	PASS
		5230	30~5140	3578.04	-46.52	≤-27	PASS
			5360~27000	26023.31	-37.12	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	4974.61	-46.25	≤-27	PASS
			5360~27000	23476.29	-37.32	≤-27	PASS
		5200	30~5140	4916.35	-44.63	≤-27	PASS
			5360~27000	24258.93	-36.25	≤-27	PASS
		5240	30~5140	2687.54	-45.93	≤-27	PASS
			5360~27000	23497.21	-36.81	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	2717.69	-45.75	≤-27	PASS
			5360~27000	23614.78	-36.74	≤-27	PASS
		5230	30~5140	5027.24	-46.7	≤-27	PASS
			5360~27000	26632.84	-37.21	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5139.66	-44.48	≤-27	PASS
			5360~27000	25169.26	-36.87	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140



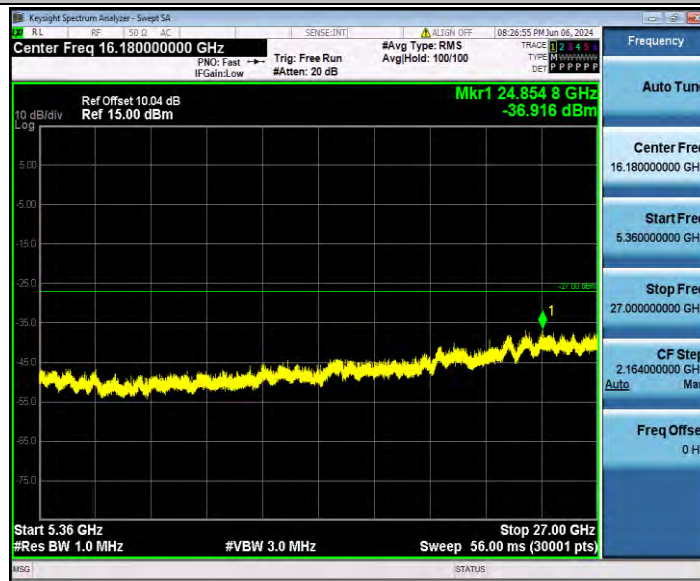
11A_Ant1_5200_5360~27000



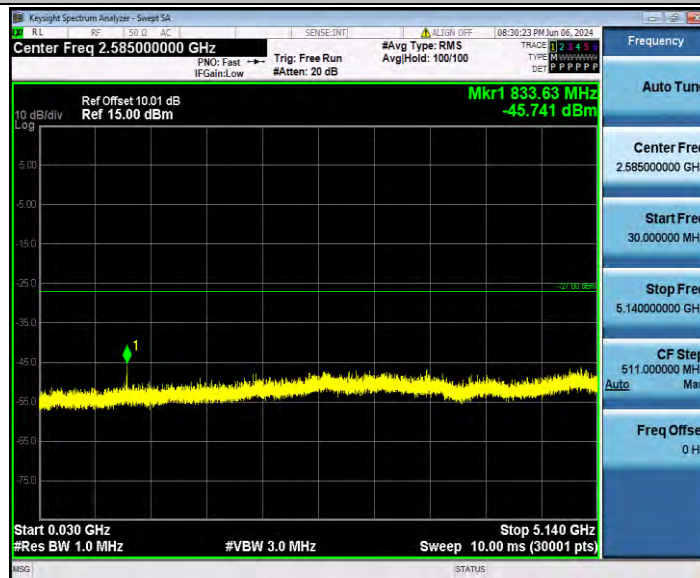
11A_Ant1_5240_30~5140



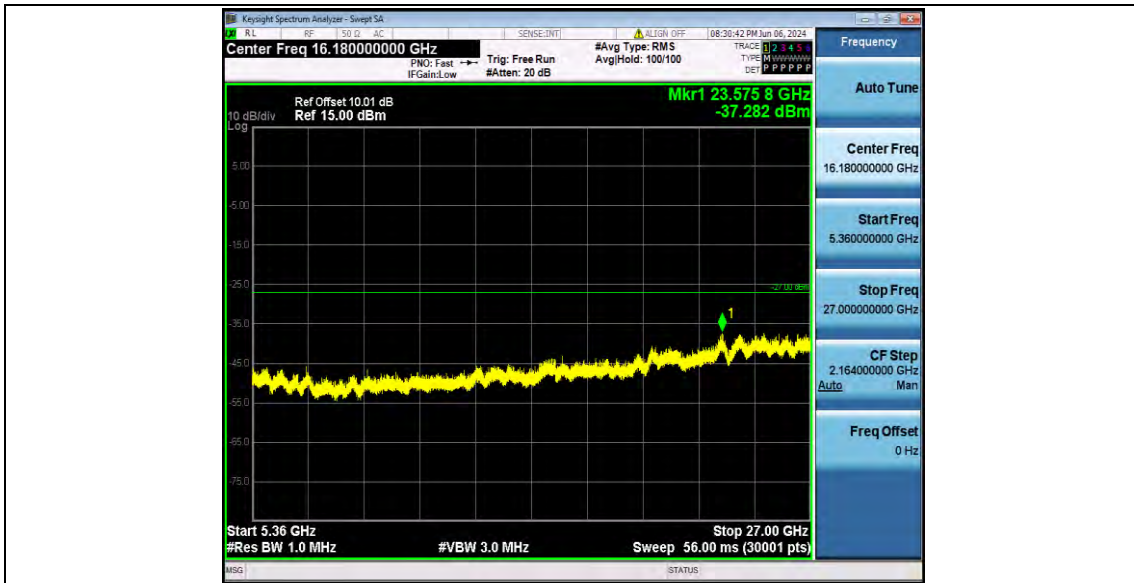
11A_Ant1_5240_5360~27000



11N20SISO_Ant1_5180_30~5140



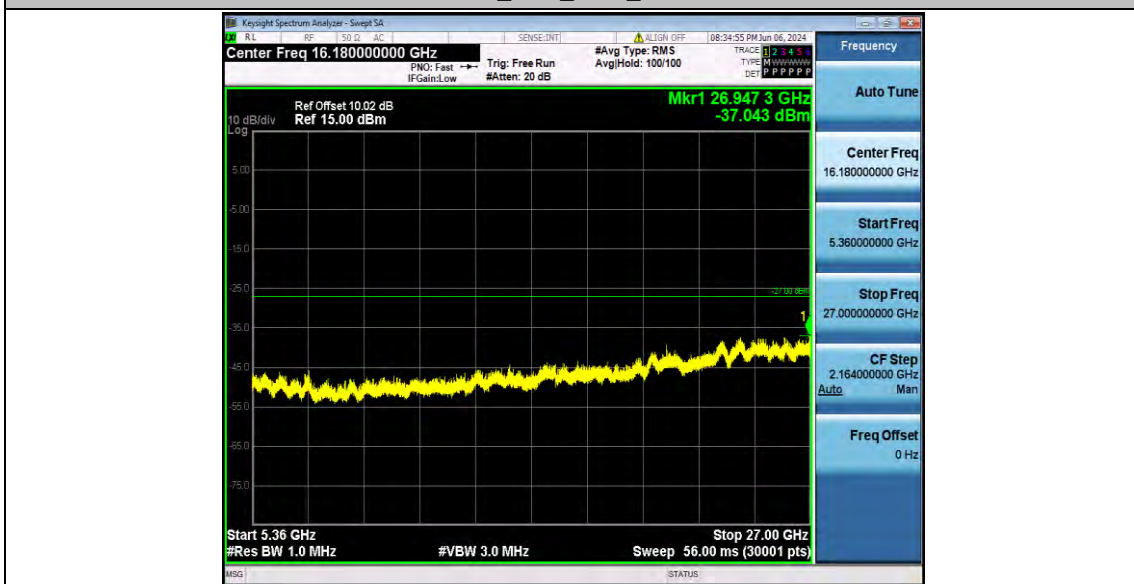
11N20SISO_Ant1_5180_5360~27000



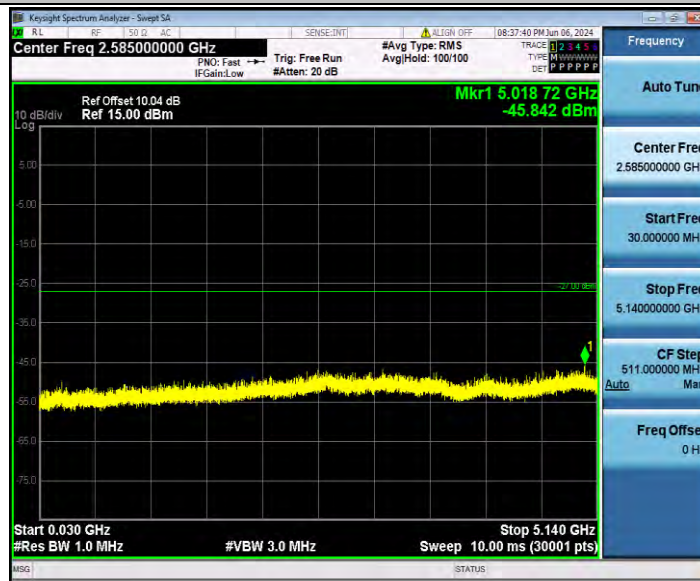
11N20SISO_Ant1_5200_30~5140



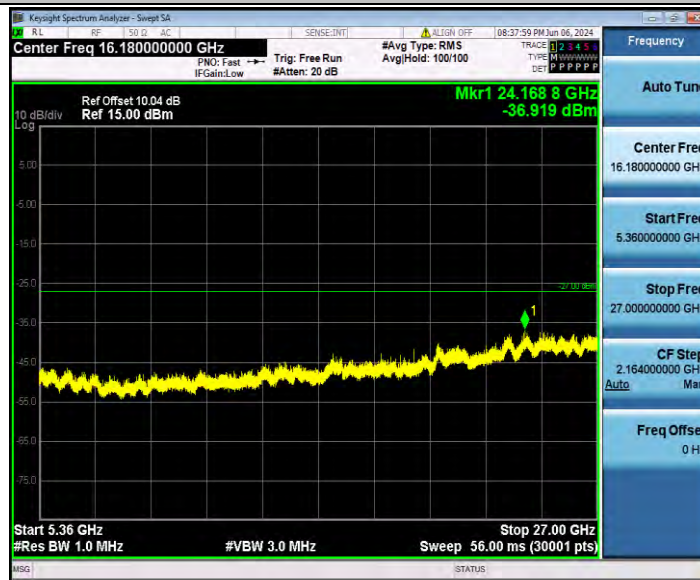
11N20SISO_Ant1_5200_5360~27000



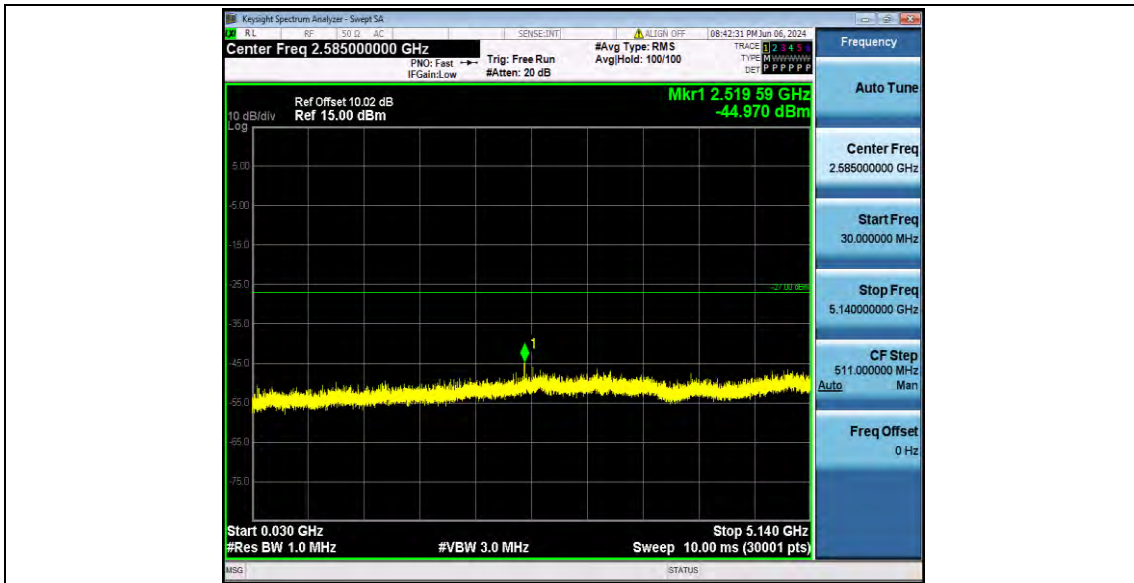
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



11N40SISO_Ant1_5190_30~5140



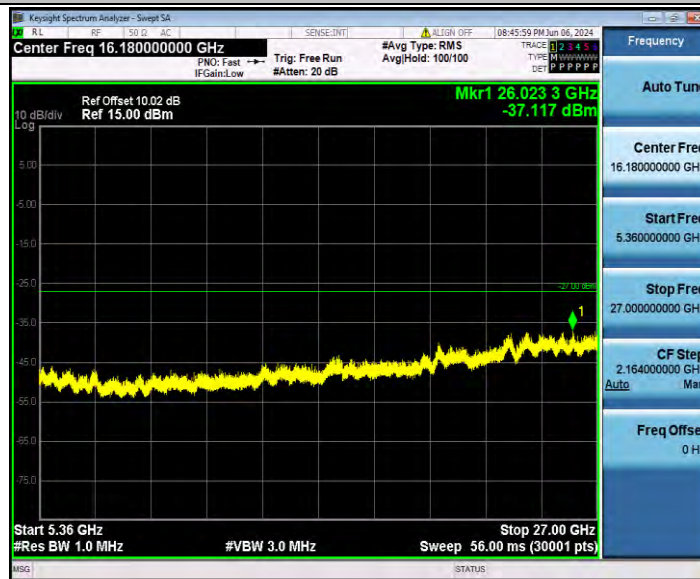
11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



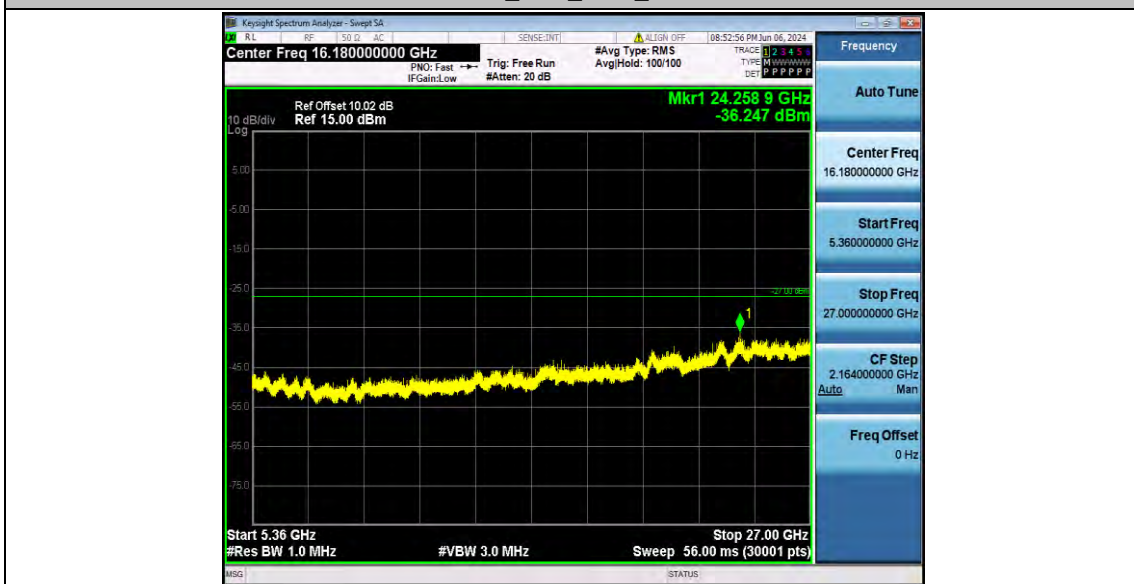
11AC20SISO_Ant1_5180_5360~27000



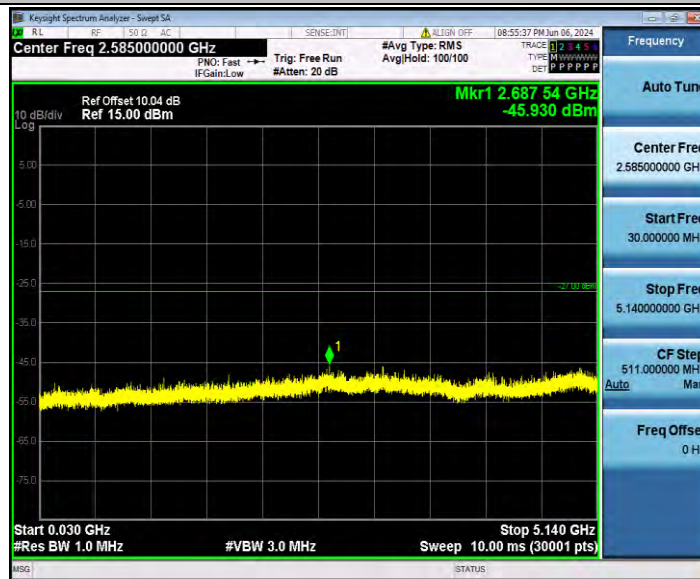
11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



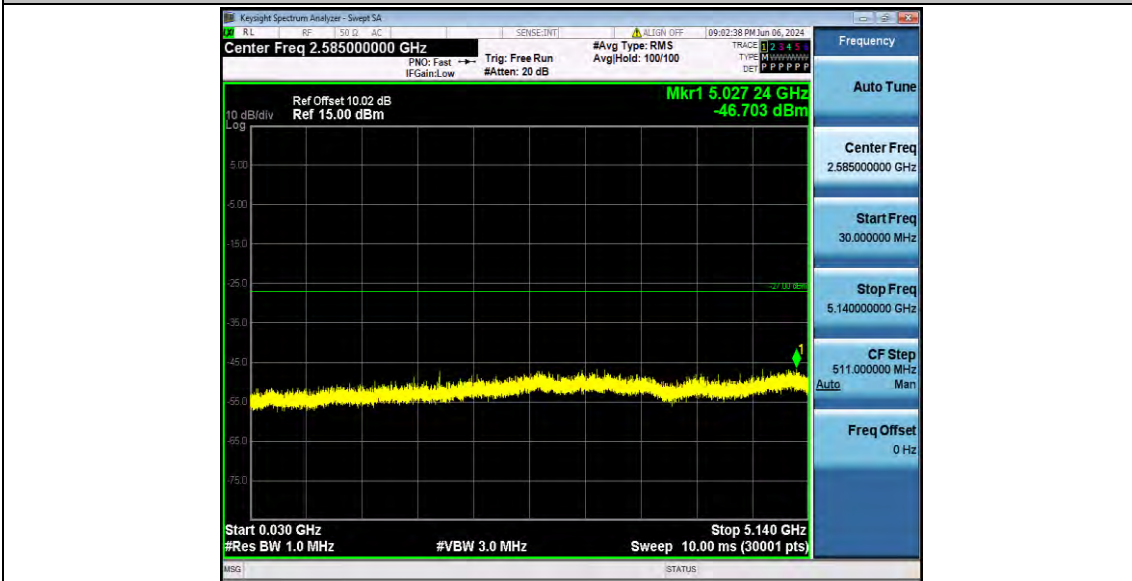
11AC40SISO_Ant1_5190_30~5140



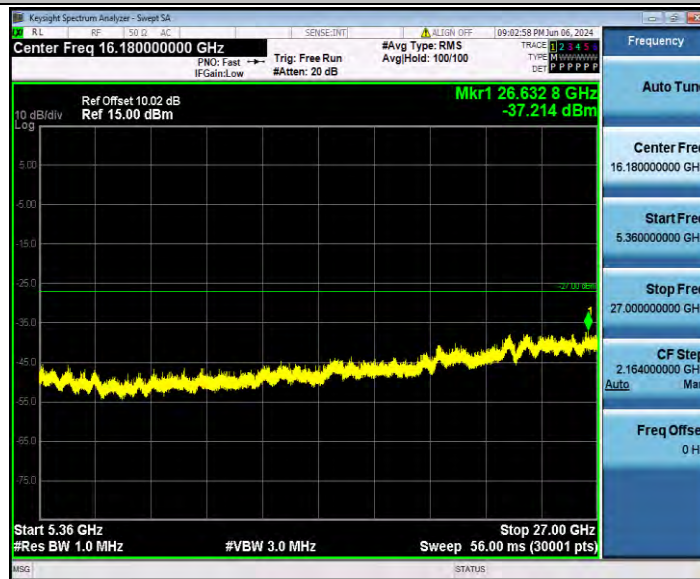
11AC40SISO_Ant1_5190_5360~27000



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

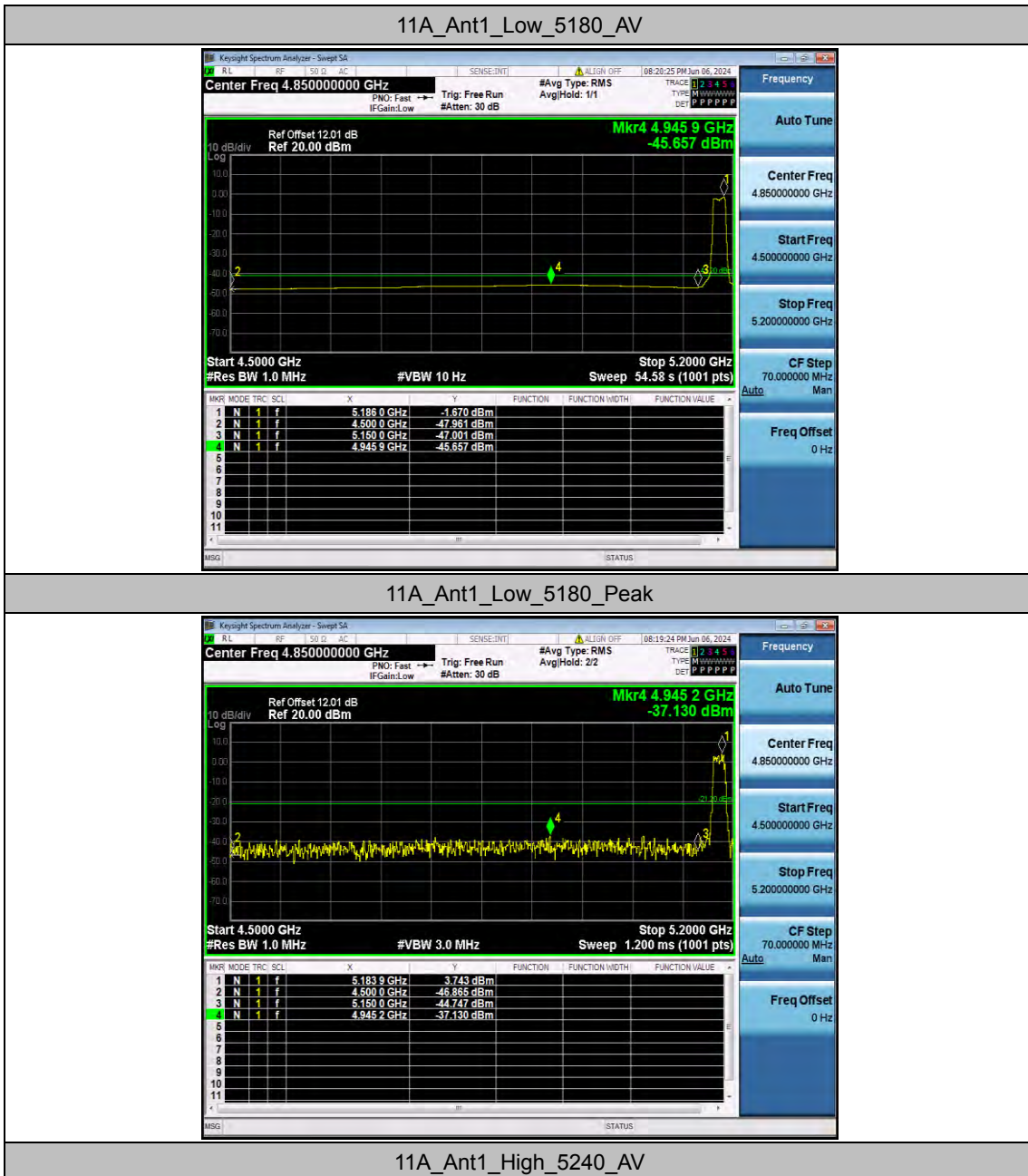
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.96	≤-41.20	47.24	≤54	PASS
				AV	4945.900	-45.66	≤-41.20	49.54	≤54	PASS
				AV	5150.000	-47	≤-41.20	48.20	≤54	PASS
				Peak	4500.000	-46.87	≤-21.20	48.33	≤74	PASS
				Peak	4945.200	-37.13	≤-21.20	58.07	≤74	PASS
				Peak	5150.000	-44.75	≤-21.20	50.45	≤74	PASS
		High	5240	AV	5350.000	-46.85	≤-41.20	48.35	≤54	PASS
				AV	5457.600	-45.87	≤-41.20	49.33	≤54	PASS
				AV	5460.000	-45.91	≤-41.20	49.29	≤54	PASS
				Peak	5350.000	-48.31	≤-21.20	46.89	≤74	PASS
				Peak	5433.360	-37.21	≤-21.20	57.99	≤74	PASS
				Peak	5460.000	-42.1	≤-21.20	53.10	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.94	≤-41.20	47.26	≤54	PASS
				AV	4943.100	-45.65	≤-41.20	49.55	≤54	PASS
				AV	5150.000	-46.91	≤-41.20	48.29	≤54	PASS
				Peak	4500.000	-43.65	≤-21.20	51.55	≤74	PASS
				Peak	4955.000	-37.37	≤-21.20	57.83	≤74	PASS
				Peak	5150.000	-48.89	≤-21.20	46.31	≤74	PASS
		High	5240	AV	5350.000	-46.84	≤-41.20	48.36	≤54	PASS
				AV	5457.840	-45.85	≤-41.20	49.35	≤54	PASS
				AV	5460.000	-45.91	≤-41.20	49.29	≤54	PASS
				Peak	5350.000	-42.51	≤-21.20	52.69	≤74	PASS
				Peak	5448.240	-37.93	≤-21.20	57.27	≤74	PASS
				Peak	5460.000	-45.37	≤-21.20	49.83	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.95	≤-41.20	47.25	≤54	PASS
				AV	4945.200	-45.63	≤-41.20	49.57	≤54	PASS
				AV	5150.000	-46.08	≤-41.20	49.12	≤54	PASS
				Peak	4500.000	-43.02	≤-21.20	52.18	≤74	PASS
				Peak	5130.700	-36.53	≤-21.20	58.67	≤74	PASS
				Peak	5150.000	-47.09	≤-21.20	48.11	≤74	PASS
		High	5230	AV	5350.000	-46.81	≤-41.20	48.39	≤54	PASS
				AV	5453.500	-45.87	≤-41.20	49.33	≤54	PASS
				AV	5460.000	-45.92	≤-41.20	49.28	≤54	PASS
				Peak	5350.000	-45.42	≤-21.20	49.78	≤74	PASS
				Peak	5457.400	-37.86	≤-21.20	57.34	≤74	PASS
				Peak	5460.000	-41.23	≤-21.20	53.97	≤74	PASS

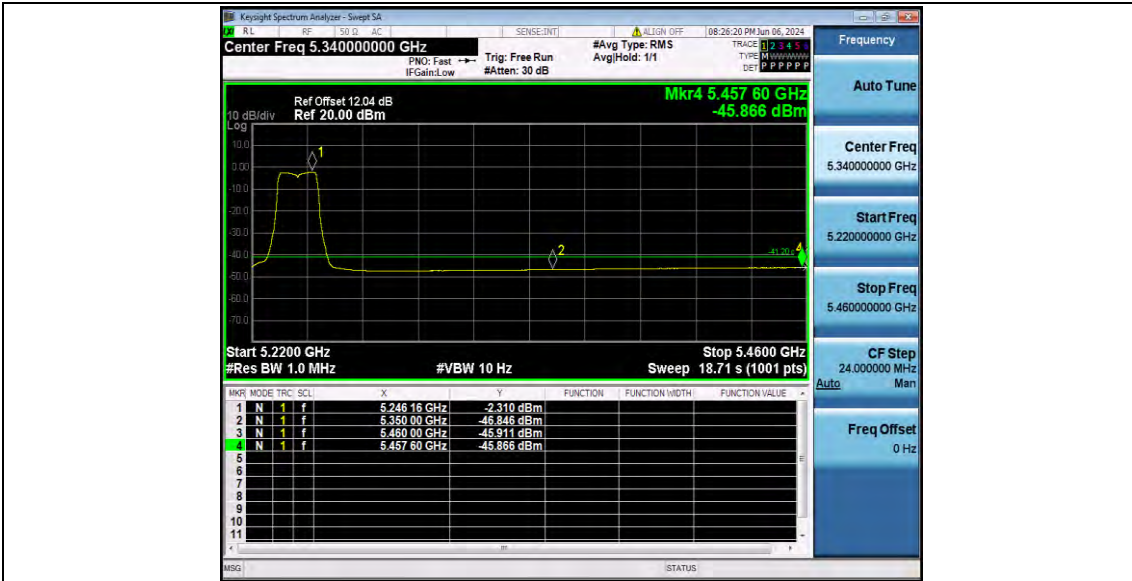
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.94	≤ -41.20	47.26	≤ 54	PASS
				AV	4942.400	-45.65	≤ -41.20	49.55	≤ 54	PASS
				AV	5150.000	-46.9	≤ -41.20	48.30	≤ 54	PASS
				Peak	4500.000	-45.97	≤ -21.20	49.23	≤ 74	PASS
				Peak	4962.000	-37.79	≤ -21.20	57.41	≤ 74	PASS
				Peak	5150.000	-42.13	≤ -21.20	53.07	≤ 74	PASS
		High	5240	AV	5350.000	-46.81	≤ -41.20	48.39	≤ 54	PASS
				AV	5441.520	-45.86	≤ -41.20	49.34	≤ 54	PASS
				AV	5460.000	-45.89	≤ -41.20	49.31	≤ 54	PASS
				Peak	5350.000	-41.23	≤ -21.20	53.97	≤ 74	PASS
				Peak	5418.000	-36.59	≤ -21.20	58.61	≤ 74	PASS
				Peak	5460.000	-40.36	≤ -21.20	54.84	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.93	≤ -41.20	47.27	≤ 54	PASS
				AV	4942.400	-45.64	≤ -41.20	49.56	≤ 54	PASS
				AV	5150.000	-46.11	≤ -41.20	49.09	≤ 54	PASS
				Peak	4500.000	-45.61	≤ -21.20	49.59	≤ 74	PASS
				Peak	4827.600	-37.19	≤ -21.20	58.01	≤ 74	PASS
				Peak	5150.000	-41.44	≤ -21.20	53.76	≤ 74	PASS
		High	5230	AV	5350.000	-46.84	≤ -41.20	48.36	≤ 54	PASS
				AV	5458.700	-45.89	≤ -41.20	49.31	≤ 54	PASS
				AV	5460.000	-45.92	≤ -41.20	49.28	≤ 54	PASS
				Peak	5350.000	-47.61	≤ -21.20	47.59	≤ 74	PASS
				Peak	5439.720	-36.36	≤ -21.20	58.84	≤ 74	PASS
				Peak	5460.000	-47.2	≤ -21.20	48.00	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.95	≤ -41.20	47.25	≤ 54	PASS
				AV	4940.250	-45.65	≤ -41.20	49.55	≤ 54	PASS
				AV	5150.000	-46.56	≤ -41.20	48.64	≤ 54	PASS
				Peak	4500.000	-44.94	≤ -21.20	50.26	≤ 74	PASS
				Peak	5033.250	-36.83	≤ -21.20	58.37	≤ 74	PASS
				Peak	5150.000	-40.51	≤ -21.20	54.69	≤ 74	PASS
		High	5210	AV	5350.000	-46.87	≤ -41.20	48.33	≤ 54	PASS
				AV	5456.920	-45.89	≤ -41.20	49.31	≤ 54	PASS
				AV	5460.000	-45.94	≤ -41.20	49.26	≤ 54	PASS
				Peak	5350.000	-42.05	≤ -21.20	53.15	≤ 74	PASS
				Peak	5372.920	-37.62	≤ -21.20	57.58	≤ 74	PASS
				Peak	5460.000	-42.43	≤ -21.20	52.77	≤ 74	PASS

Note:

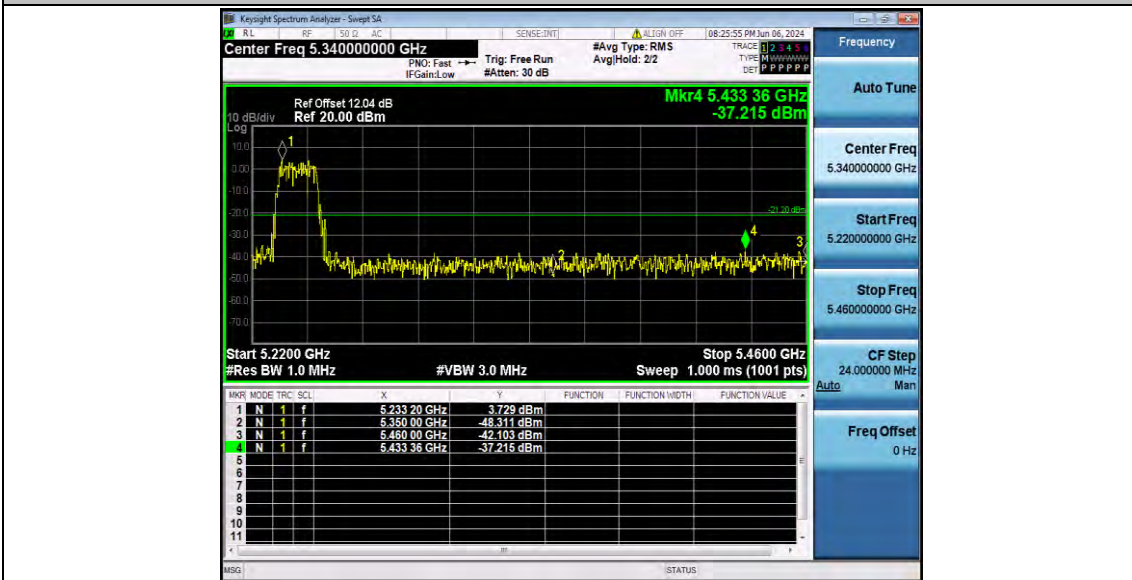
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

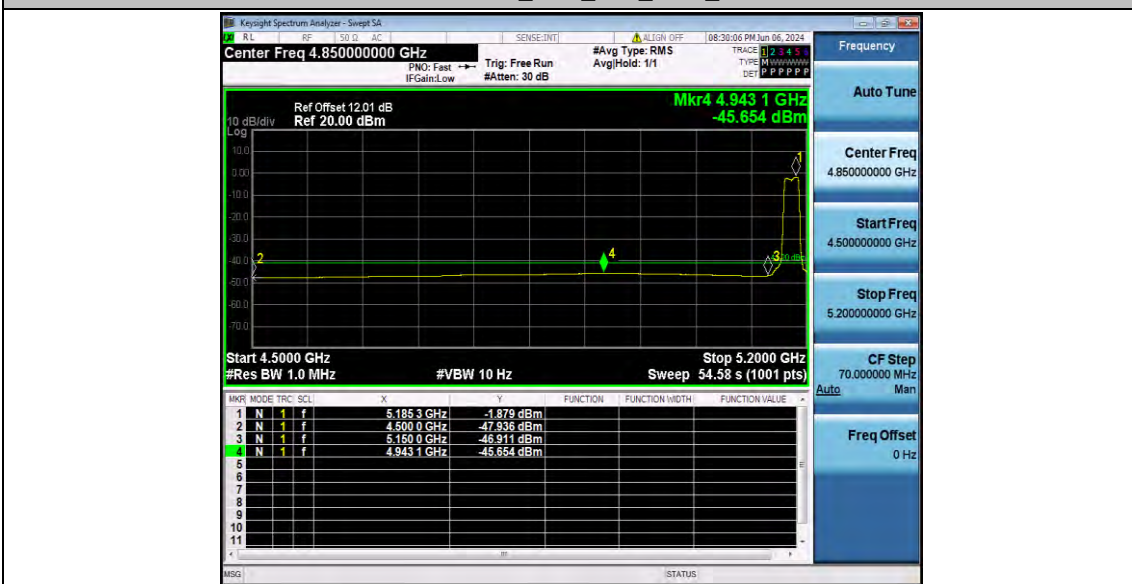




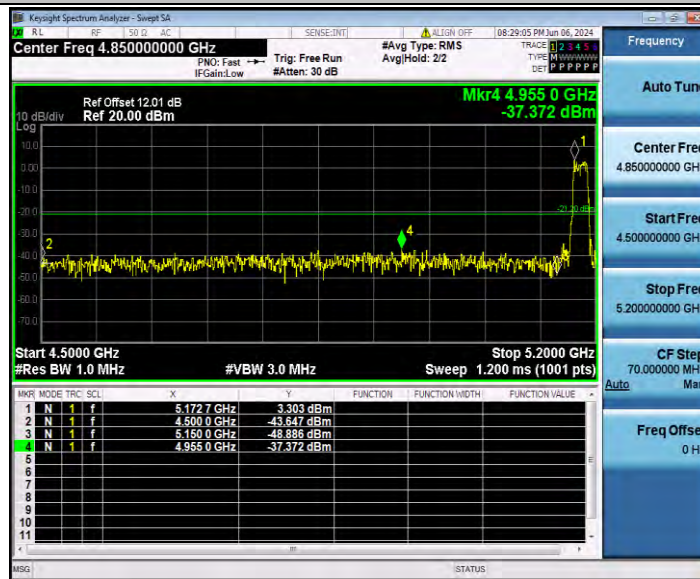
11A_Ant1_High_5240_Peak



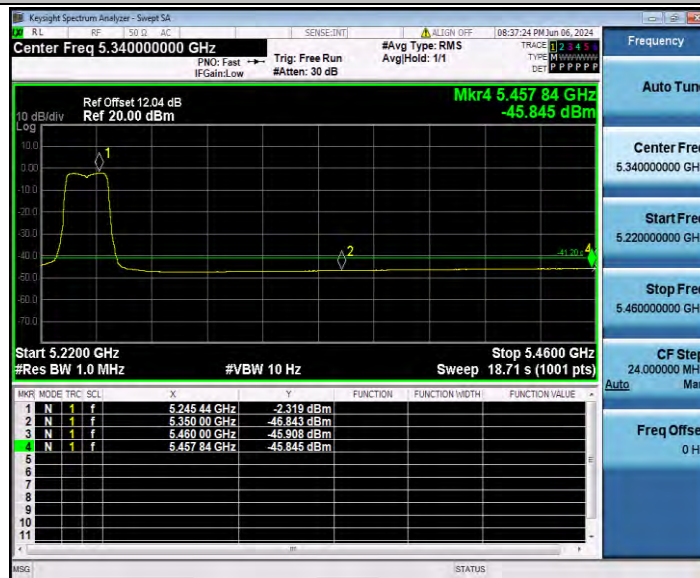
11N20SISO_Ant1_Low_5180_AV



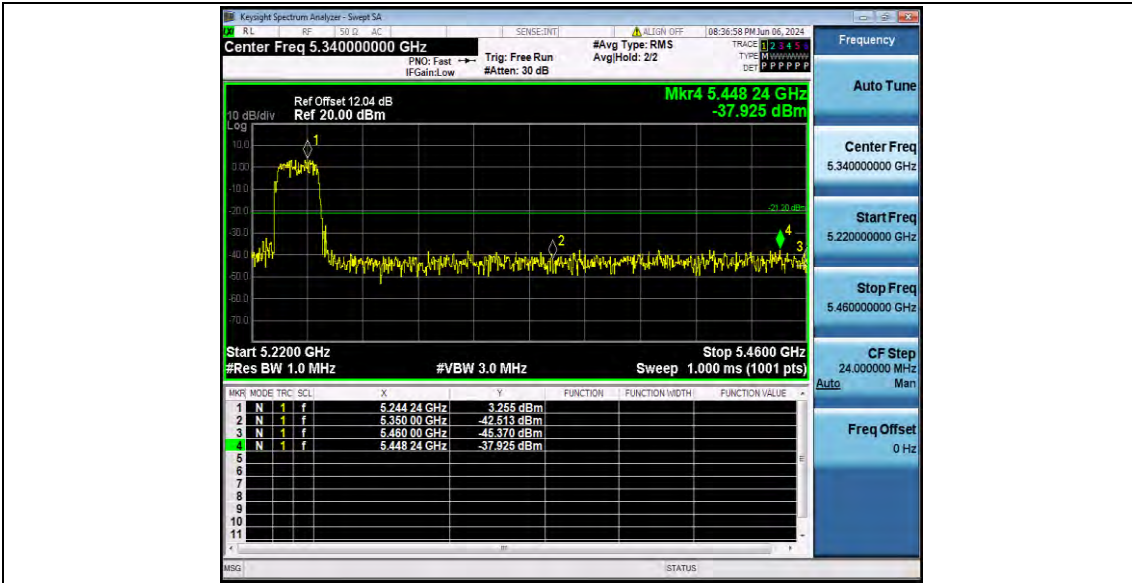
11N20SISO_Ant1_Low_5180_Peak



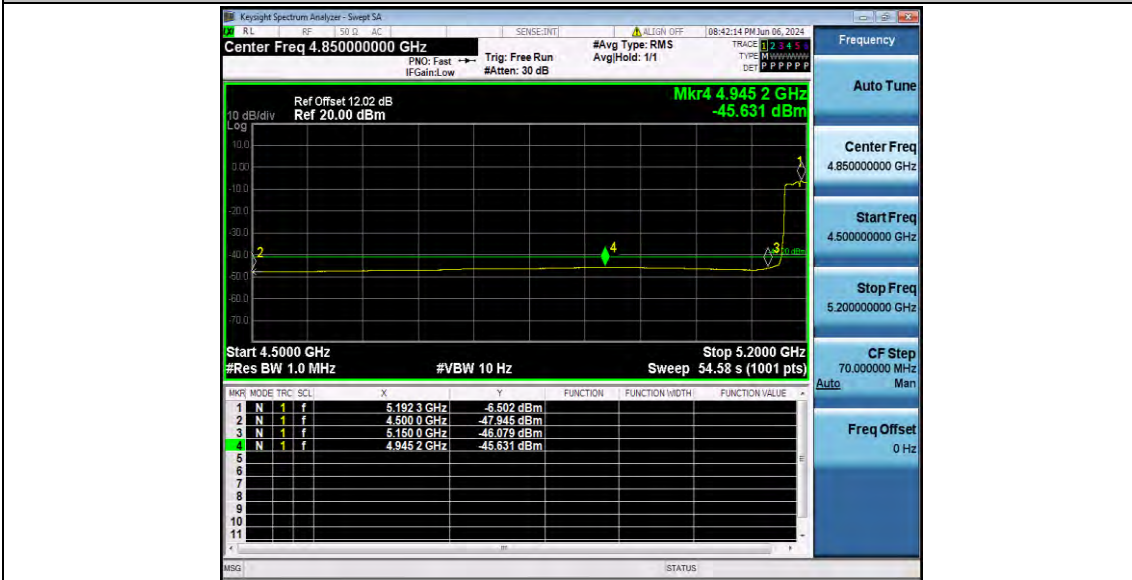
11N20SISO_Ant1_High_5240_AV



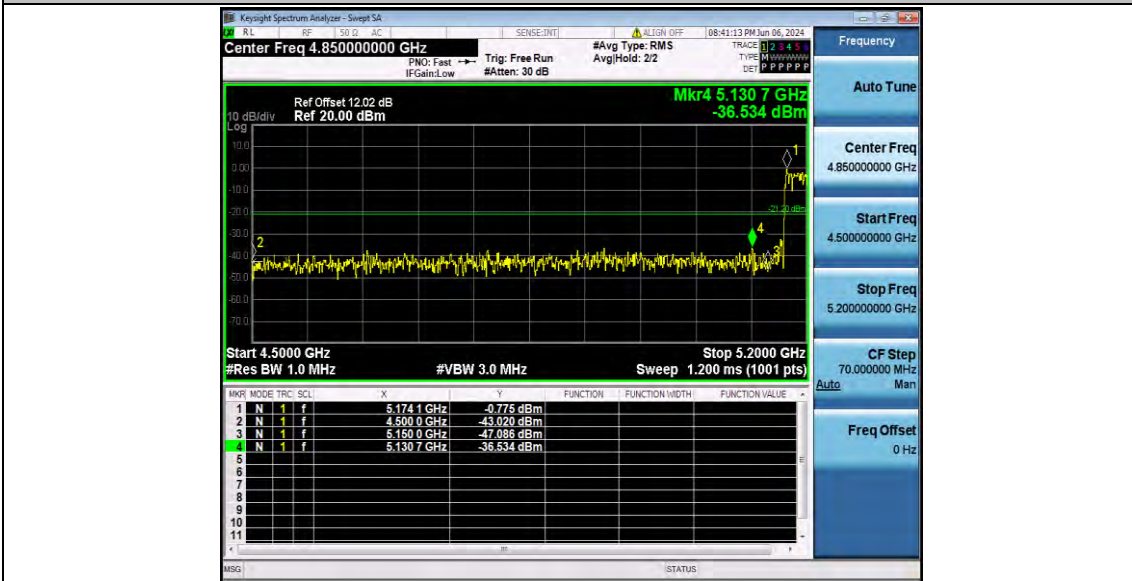
11N20SISO_Ant1_High_5240_Peak



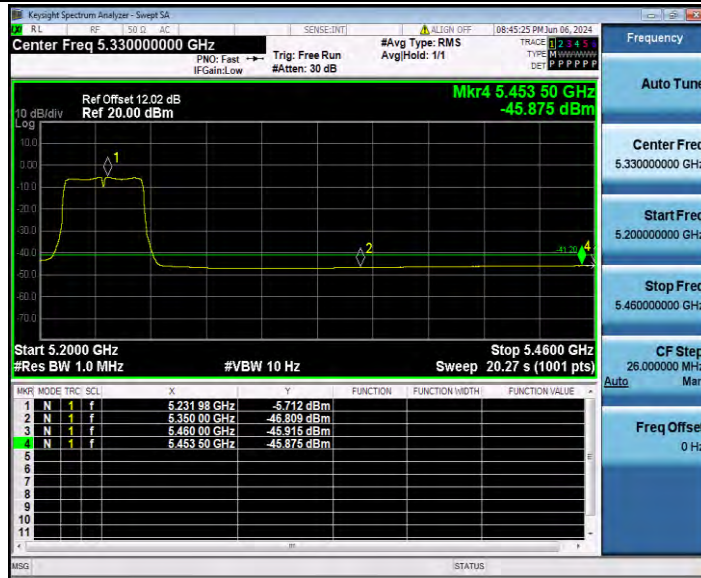
11N40SISO_Ant1_Low_5190_AV



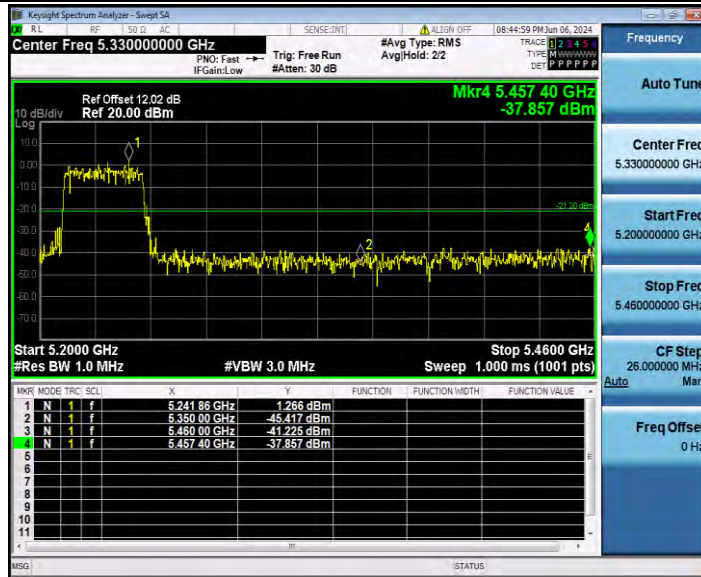
11N40SISO_Ant1_Low_5190_Peak



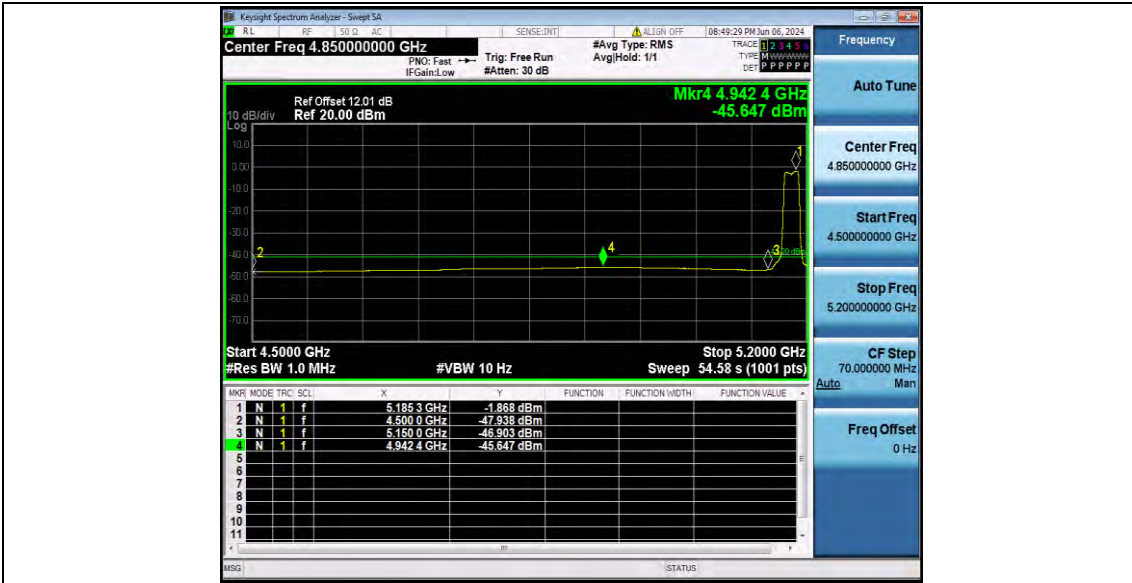
11N40SISO_Ant1_High_5230_AV



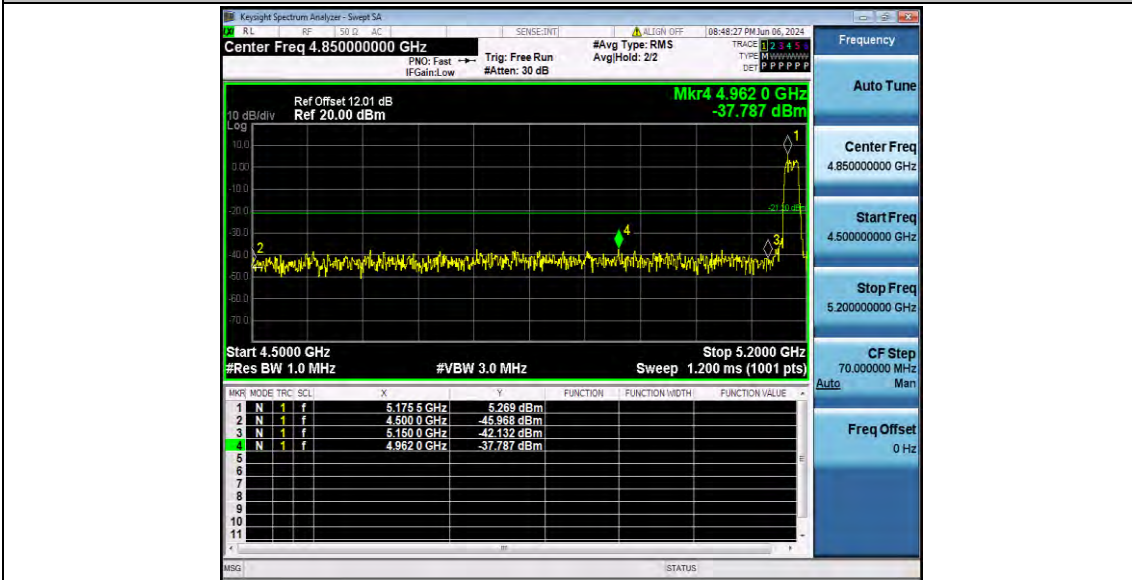
11N40SISO_Ant1_High_5230_Peak



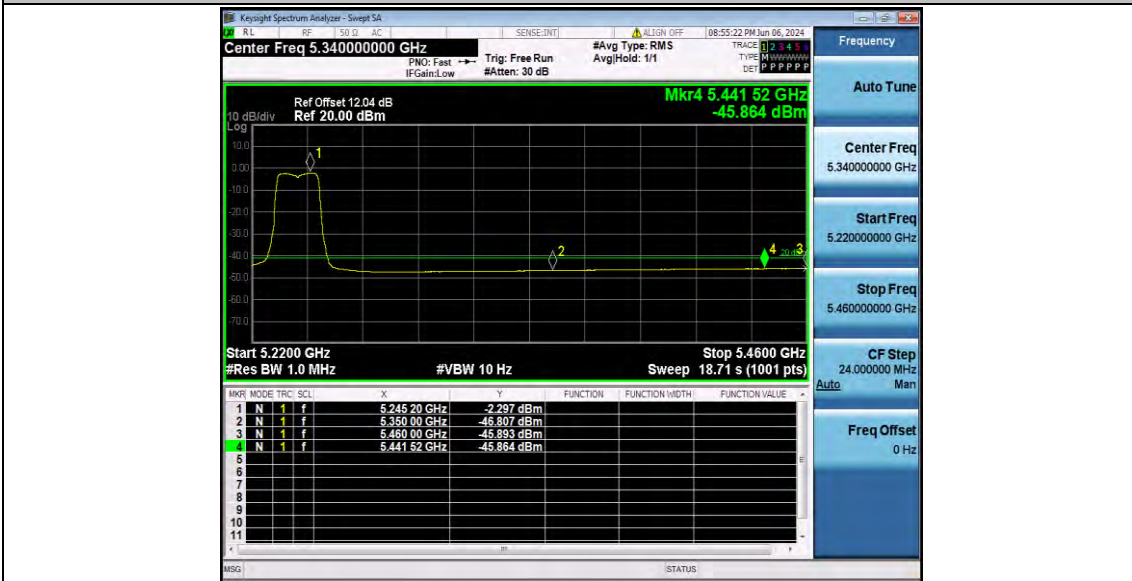
11AC20SISO_Ant1_Low_5180_AV



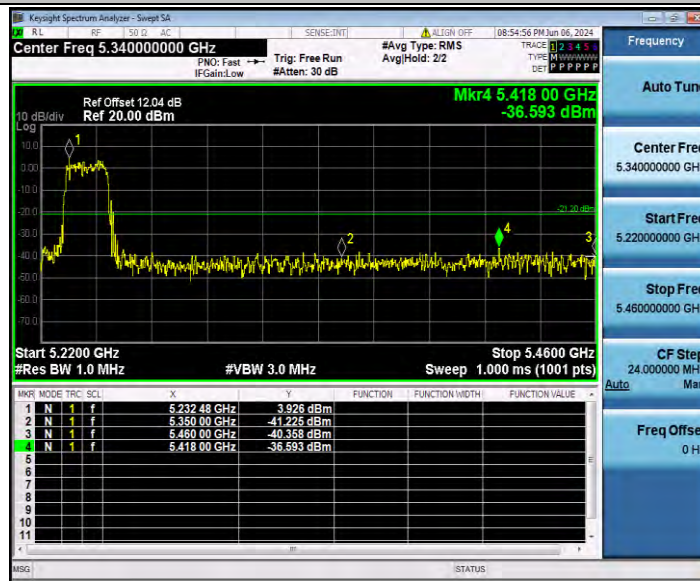
11AC20SISO_Ant1_Low_5180_Peak



11AC20SISO_Ant1_High_5240_AV



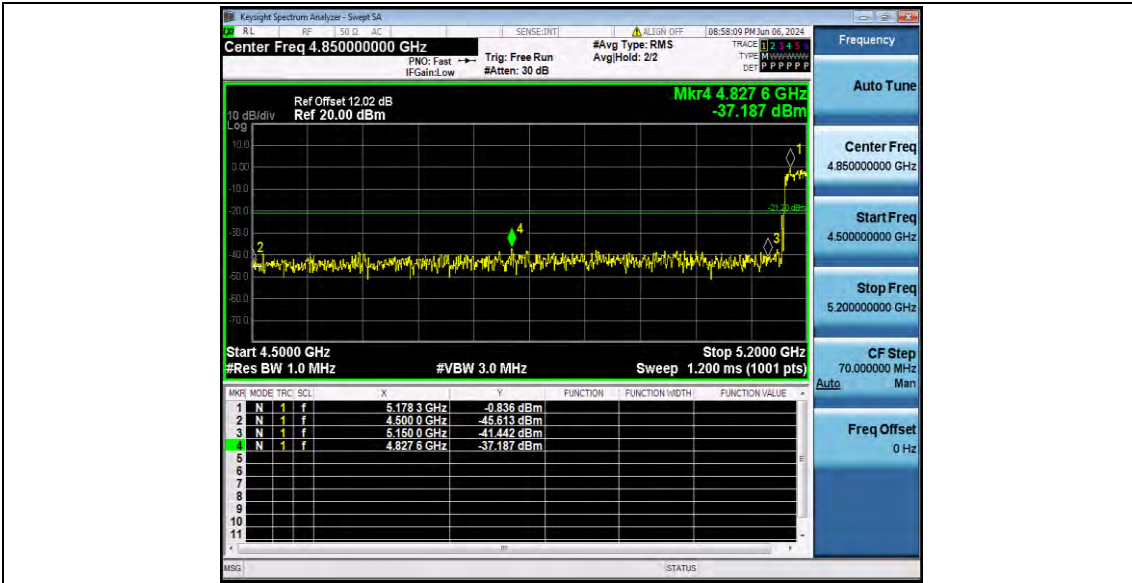
11AC20SISO_Ant1_High_5240_Peak



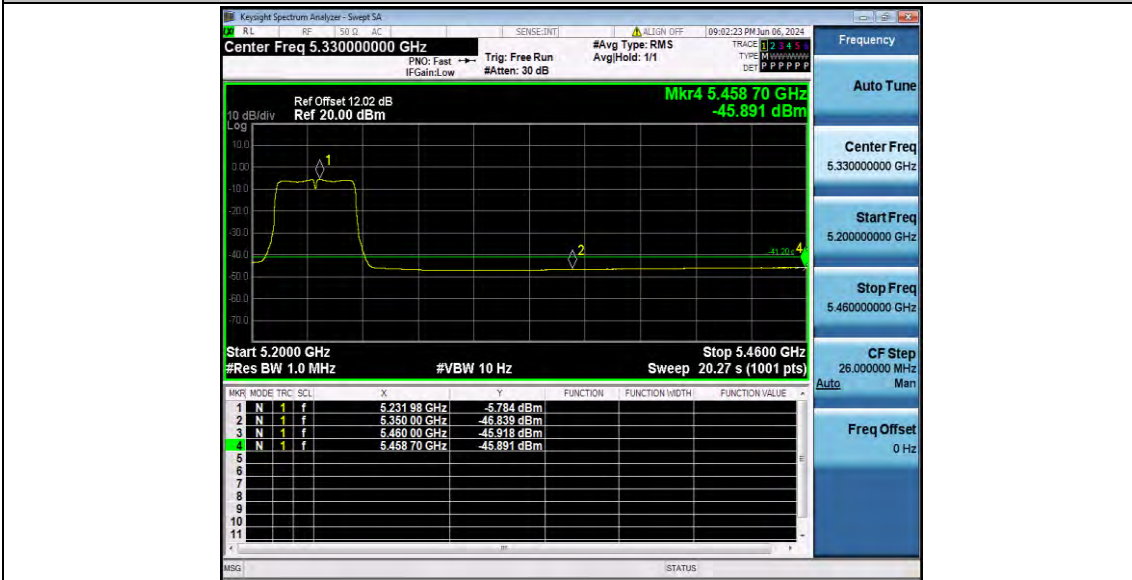
11AC40SISO_Ant1_Low_5190_AV



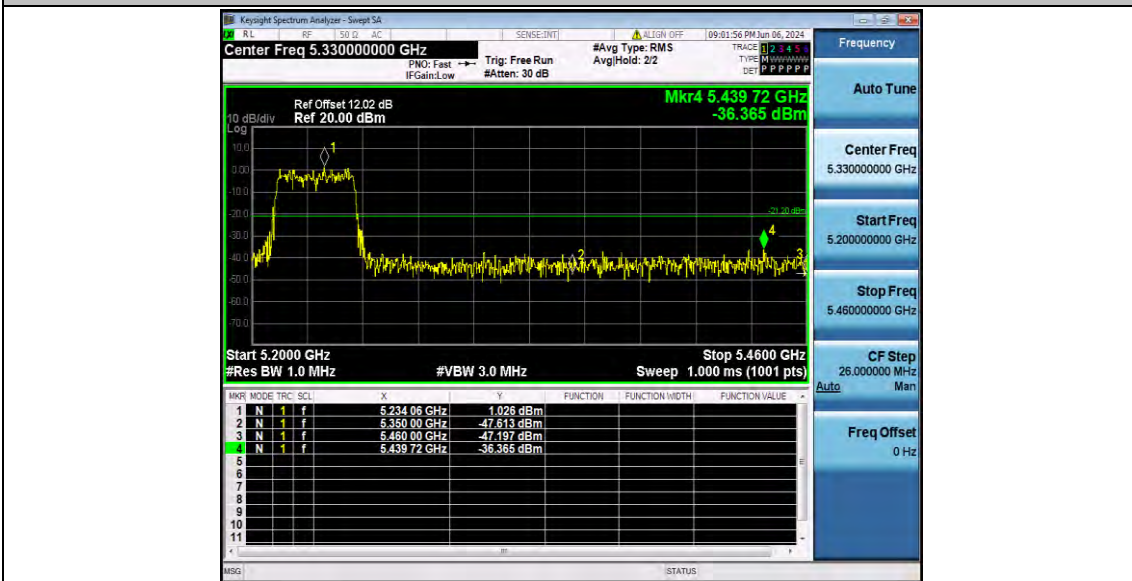
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



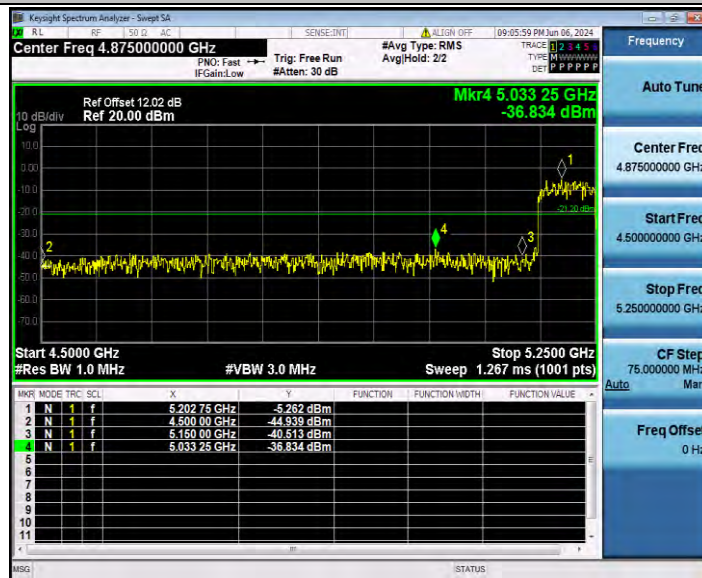
11AC40SISO_Ant1_High_5230_Peak



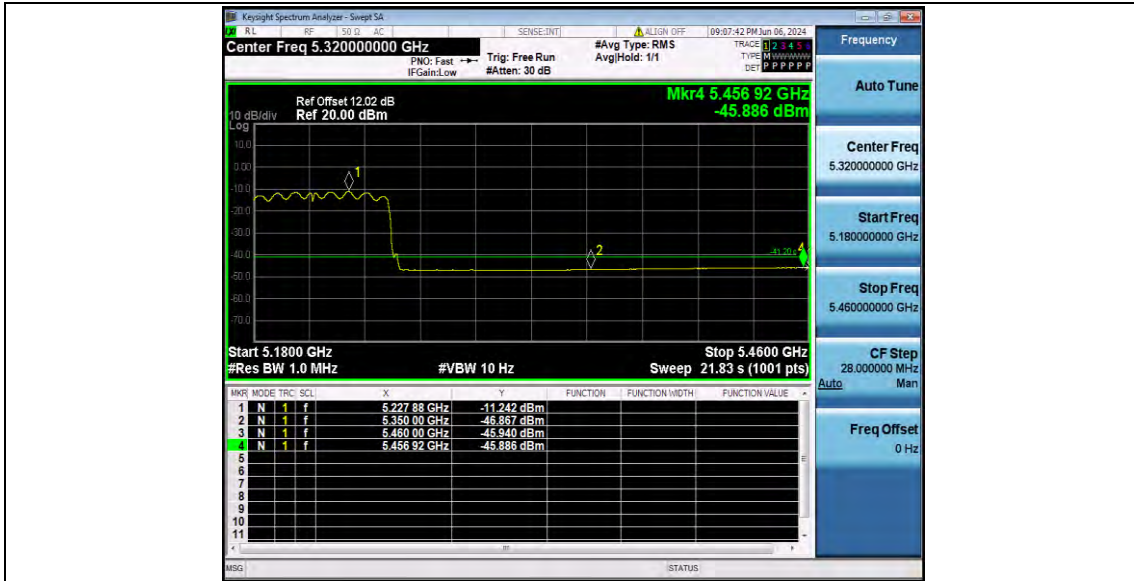
11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak

