

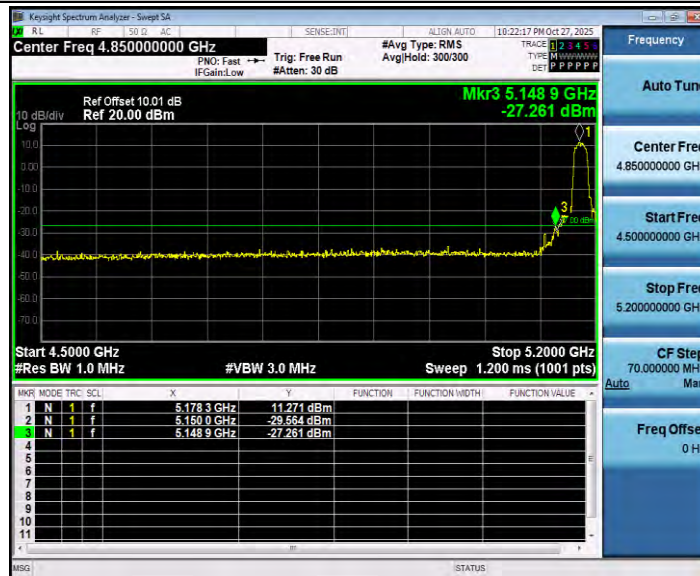
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-27.26	≤ -27	PASS
		High	5240	-37.48	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-33.32	≤ -27	PASS
		High	5240	-37.71	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-27.4	≤ -27	PASS
		High	5230	-36.8	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-32.79	≤ -27	PASS
		High	5240	-37.75	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-30.56	≤ -27	PASS
		High	5230	-37.25	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-28.16	≤ -27	PASS
		High	5210	-37.18	≤ -27	PASS

Test GraphsB1

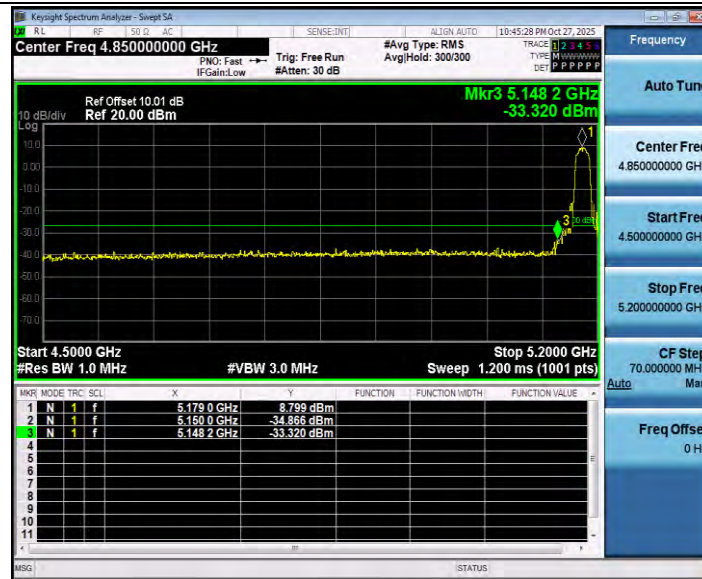
11A_Ant1_Low_5180



11A_Ant1_High_5240



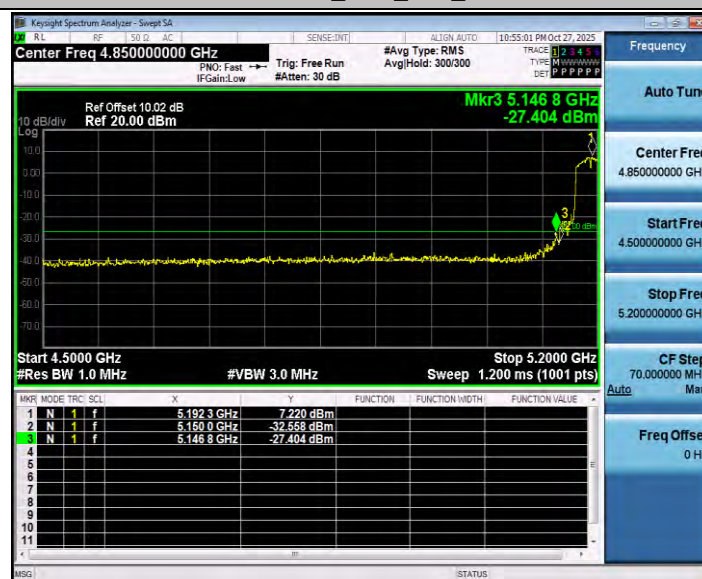
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



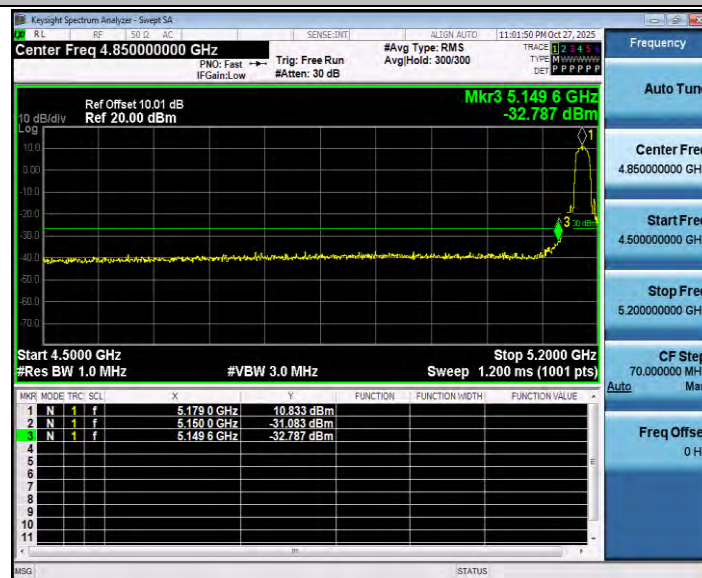
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



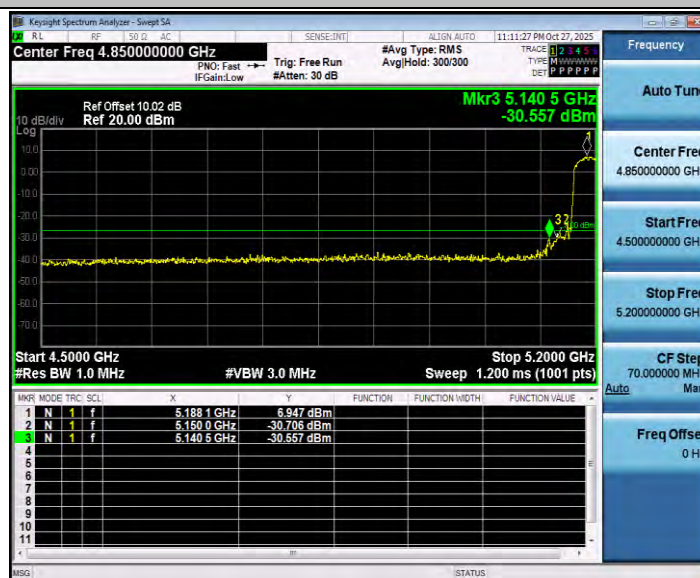
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230





11AC80SISO_Ant1_High_5210

Frequency
Auto Tune
Center Freq 5.320000000 GHz
Start Freq 5.180000000 GHz
Stop Freq 5.460000000 GHz
CF Step 28.000000 MHz
Auto
Freq Offset 0 Hz

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	5139.49	-35.84	≤-27	PASS
			5360~27000	24249.56	-37.32	≤-27	PASS
		5200	30~5140	5137.45	-44.73	≤-27	PASS
			5360~27000	25209.65	-37.14	≤-27	PASS
		5240	30~5140	5064.71	-46.11	≤-27	PASS
			5360~27000	24282.74	-36.49	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	1746.62	-38.48	≤-27	PASS
			5360~27000	24143.52	-37.22	≤-27	PASS
		5200	30~5140	1747.3	-38.19	≤-27	PASS
			5360~27000	24825.18	-36.72	≤-27	PASS
		5240	30~5140	3289.5	-46.17	≤-27	PASS
			5360~27000	24215.65	-37.1	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5136.08	-34.44	≤-27	PASS
			5360~27000	23594.59	-36.27	≤-27	PASS
		5230	30~5140	2659.61	-46.41	≤-27	PASS
			5360~27000	23555.63	-36.54	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5137.62	-38.57	≤-27	PASS
			5360~27000	24293.56	-36.83	≤-27	PASS
		5200	30~5140	2583.13	-44.41	≤-27	PASS
			5360~27000	24255.33	-37.22	≤-27	PASS
		5240	30~5140	2758.06	-45.94	≤-27	PASS
			5360~27000	26482.8	-36.78	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5139.49	-34.69	≤-27	PASS
			5360~27000	23629.93	-36.86	≤-27	PASS
		5230	30~5140	2659.61	-46.53	≤-27	PASS
			5360~27000	24245.23	-37.31	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5139.32	-33.39	≤-27	PASS
			5360~27000	24274.08	-36.5	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



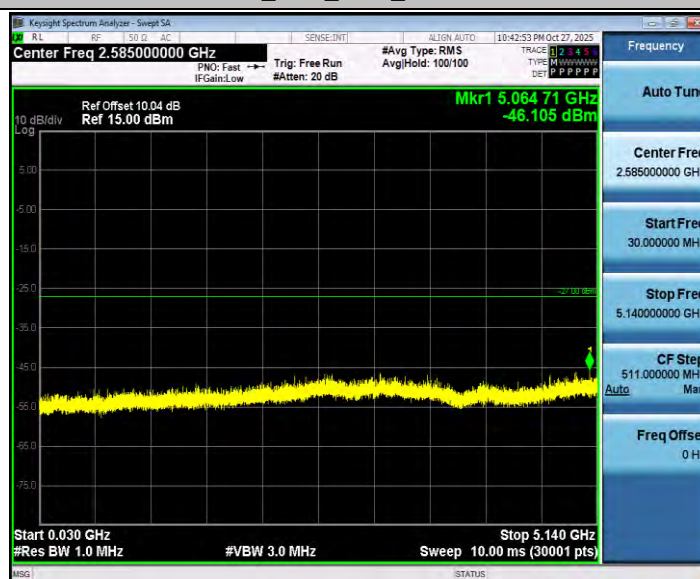
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



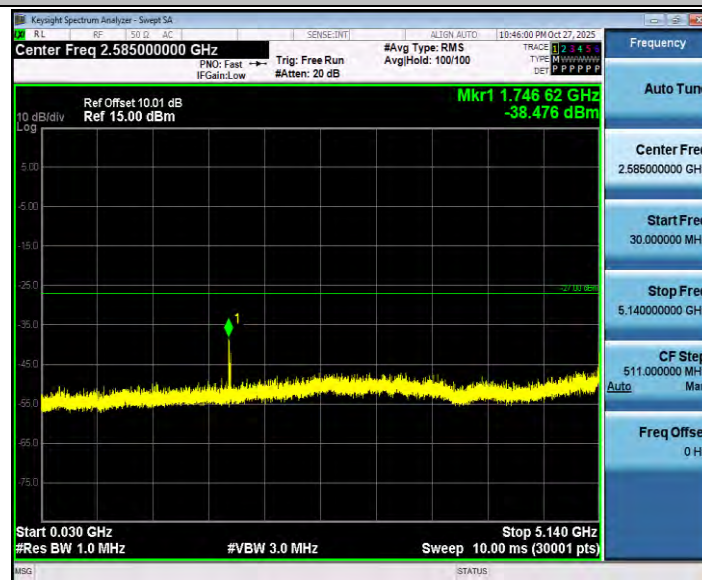
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



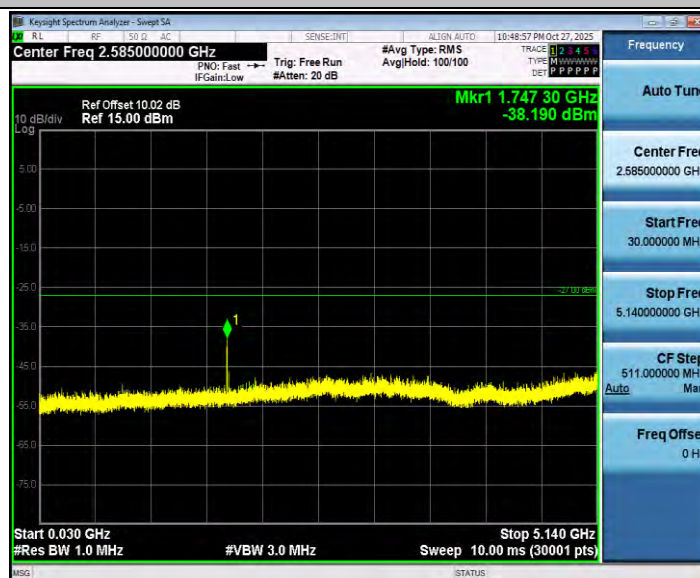
11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



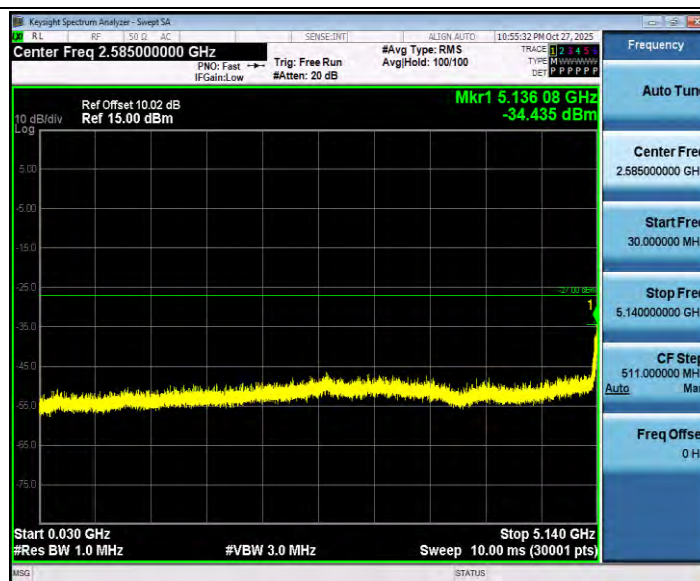
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



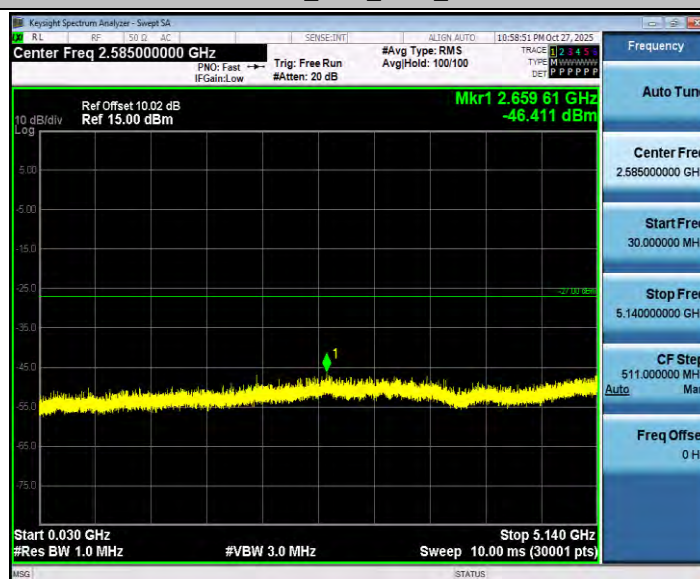
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000



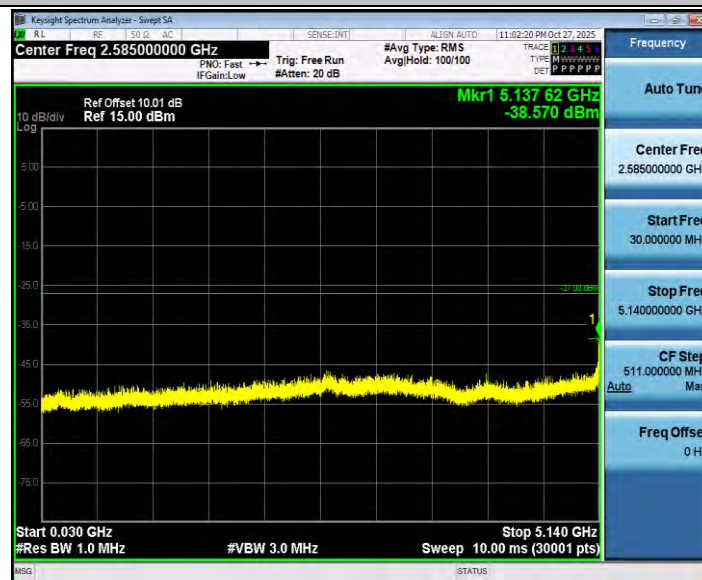
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



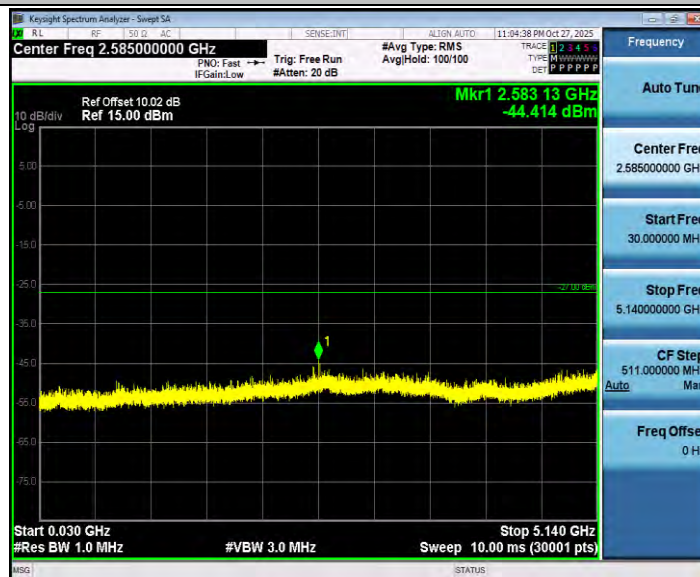
11AC20SISO_Ant1_5180_30~5140



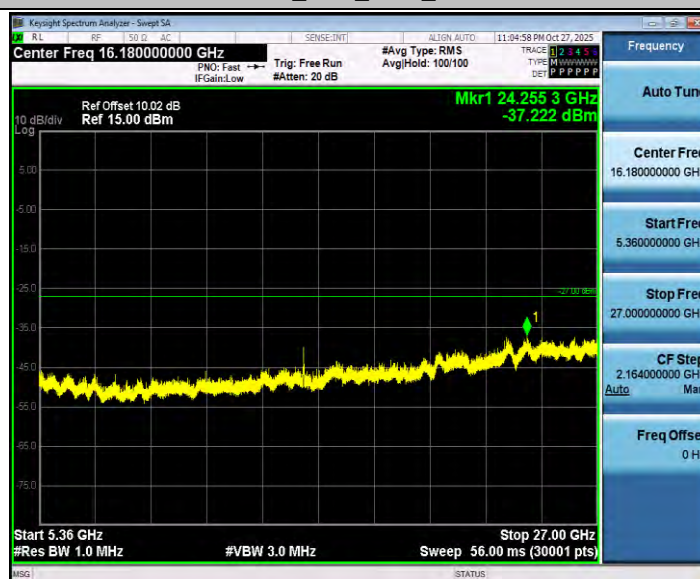
11AC20SISO_Ant1_5180_5360~27000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



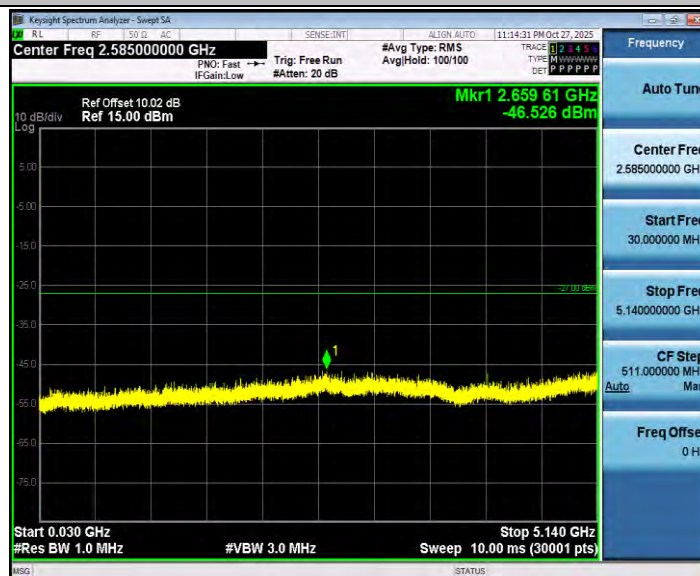
11AC40SISO_Ant1_5190_30~5140



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

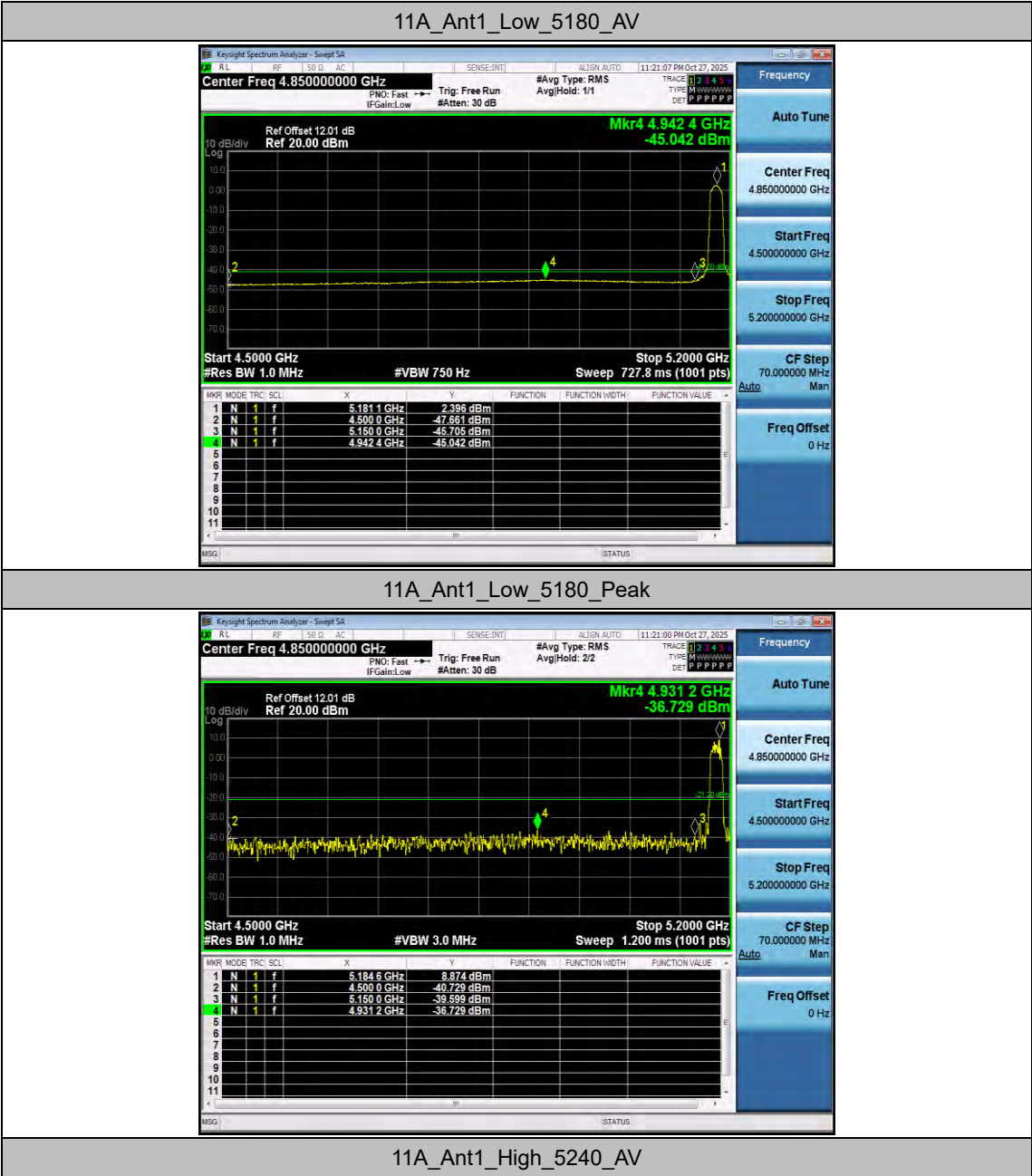
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.66	≤-41.20	47.54	≤54	PASS
				AV	4942.400	-45.04	≤-41.20	50.16	≤54	PASS
				AV	5150.000	-45.71	≤-41.20	49.49	≤54	PASS
				Peak	4500.000	-40.73	≤-21.20	54.47	≤74	PASS
				Peak	4931.200	-36.73	≤-21.20	58.47	≤74	PASS
				Peak	5150.000	-39.6	≤-21.20	55.60	≤74	PASS
		High	5240	AV	5350.000	-46.27	≤-41.20	48.93	≤54	PASS
				AV	5442.720	-45.38	≤-41.20	49.82	≤54	PASS
				AV	5460.000	-45.71	≤-41.20	49.49	≤54	PASS
				Peak	5350.000	-45	≤-21.20	50.20	≤74	PASS
				Peak	5404.800	-36.87	≤-21.20	58.33	≤74	PASS
				Peak	5460.000	-41.4	≤-21.20	53.80	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.58	≤-41.20	47.62	≤54	PASS
				AV	4938.900	-44.97	≤-41.20	50.23	≤54	PASS
				AV	5150.000	-45.93	≤-41.20	49.27	≤54	PASS
				Peak	4500.000	-44.68	≤-21.20	50.52	≤74	PASS
				Peak	4826.900	-37.84	≤-21.20	57.36	≤74	PASS
				Peak	5150.000	-44.77	≤-21.20	50.43	≤74	PASS
		High	5240	AV	5350.000	-46.28	≤-41.20	48.92	≤54	PASS
				AV	5446.800	-45.14	≤-41.20	50.06	≤54	PASS
				AV	5460.000	-45.89	≤-41.20	49.31	≤54	PASS
				Peak	5350.000	-42.13	≤-21.20	53.07	≤74	PASS
				Peak	5424.000	-35.58	≤-21.20	59.62	≤74	PASS
				Peak	5460.000	-46.49	≤-21.20	48.71	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.39	≤-41.20	47.81	≤54	PASS
				AV	5148.900	-41.45	≤-41.20	53.75	≤54	PASS
				AV	5150.000	-42.2	≤-41.20	53.00	≤54	PASS
				Peak	4500.000	-45.81	≤-21.20	49.39	≤74	PASS
				Peak	5139.800	-36.21	≤-21.20	58.99	≤74	PASS
				Peak	5150.000	-36.15	≤-21.20	59.05	≤74	PASS
		High	5230	AV	5350.000	-46.01	≤-41.20	49.19	≤54	PASS
				AV	5455.320	-45.06	≤-41.20	50.14	≤54	PASS
				AV	5460.000	-45.73	≤-41.20	49.47	≤54	PASS
				Peak	5350.000	-45.23	≤-21.20	49.97	≤74	PASS
				Peak	5417.620	-37.64	≤-21.20	57.56	≤74	PASS
				Peak	5460.000	-45.62	≤-21.20	49.58	≤74	PASS

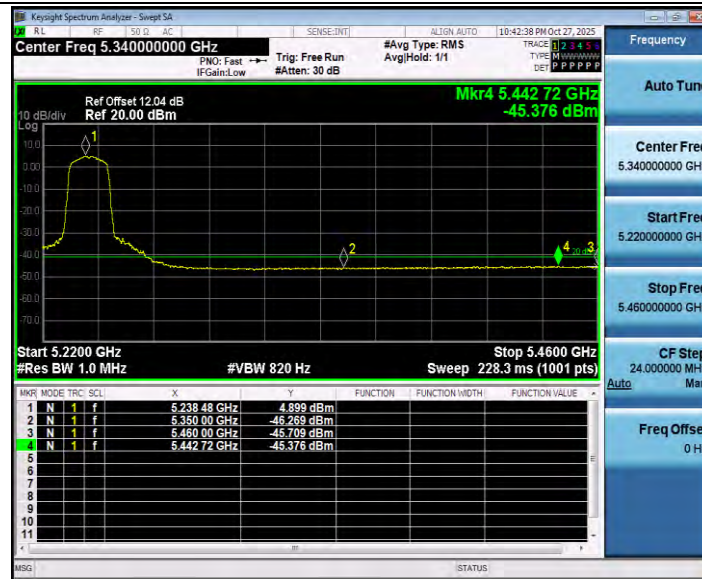
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.62	≤ -41.20	47.58	≤ 54	PASS
				AV	5149.600	-42.54	≤ -41.20	52.66	≤ 54	PASS
				AV	5150.000	-42.25	≤ -41.20	52.95	≤ 54	PASS
				Peak	4500.000	-44.36	≤ -21.20	50.84	≤ 74	PASS
				Peak	4971.100	-36.39	≤ -21.20	58.81	≤ 74	PASS
				Peak	5150.000	-40.91	≤ -21.20	54.29	≤ 74	PASS
		High	5240	AV	5350.000	-46.66	≤ -41.20	48.54	≤ 54	PASS
				AV	5455.440	-45.25	≤ -41.20	49.95	≤ 54	PASS
				AV	5460.000	-45.56	≤ -41.20	49.64	≤ 54	PASS
				Peak	5350.000	-41.36	≤ -21.20	53.84	≤ 74	PASS
				Peak	5427.600	-36.55	≤ -21.20	58.65	≤ 74	PASS
				Peak	5460.000	-41.27	≤ -21.20	53.93	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.36	≤ -41.20	47.84	≤ 54	PASS
				AV	5149.600	-42.82	≤ -41.20	52.38	≤ 54	PASS
				AV	5150.000	-43.45	≤ -41.20	51.75	≤ 54	PASS
				Peak	4500.000	-43.51	≤ -21.20	51.69	≤ 74	PASS
				Peak	4840.200	-36.91	≤ -21.20	58.29	≤ 74	PASS
				Peak	5150.000	-45.2	≤ -21.20	50.00	≤ 74	PASS
		High	5230	AV	5350.000	-46.56	≤ -41.20	48.64	≤ 54	PASS
				AV	5443.100	-45.25	≤ -41.20	49.95	≤ 54	PASS
				AV	5460.000	-45.49	≤ -41.20	49.71	≤ 54	PASS
				Peak	5350.000	-41.45	≤ -21.20	53.75	≤ 74	PASS
				Peak	5416.840	-36.97	≤ -21.20	58.23	≤ 74	PASS
				Peak	5460.000	-41.84	≤ -21.20	53.36	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.22	≤ -41.20	47.98	≤ 54	PASS
				AV	5148.750	-43.06	≤ -41.20	52.14	≤ 54	PASS
				AV	5150.000	-43.78	≤ -41.20	51.42	≤ 54	PASS
				Peak	4500.000	-45.23	≤ -21.20	49.97	≤ 74	PASS
				Peak	4872.750	-36.63	≤ -21.20	58.57	≤ 74	PASS
				Peak	5150.000	-42.05	≤ -21.20	53.15	≤ 74	PASS
		High	5210	AV	5350.000	-46.15	≤ -41.20	49.05	≤ 54	PASS
				AV	5438.720	-44.79	≤ -41.20	50.41	≤ 54	PASS
				AV	5460.000	-45.73	≤ -41.20	49.47	≤ 54	PASS
				Peak	5350.000	-43.89	≤ -21.20	51.31	≤ 74	PASS
				Peak	5423.880	-37.63	≤ -21.20	57.57	≤ 74	PASS
				Peak	5460.000	-42.59	≤ -21.20	52.61	≤ 74	PASS

Note:

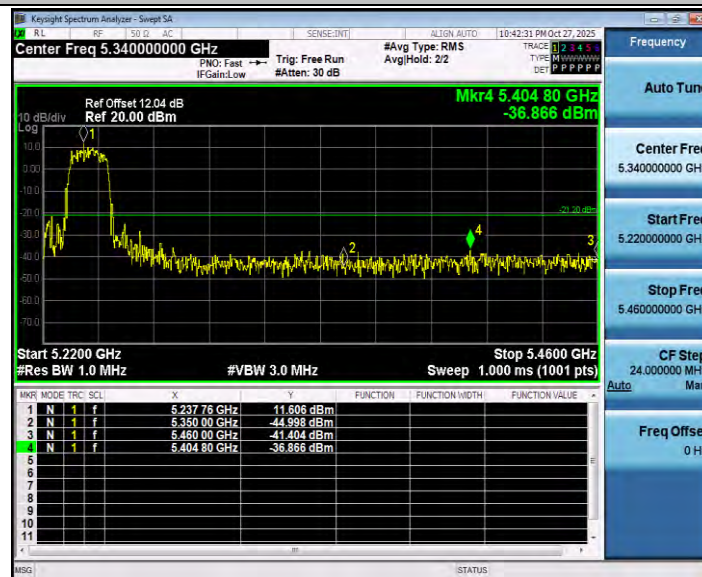
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs





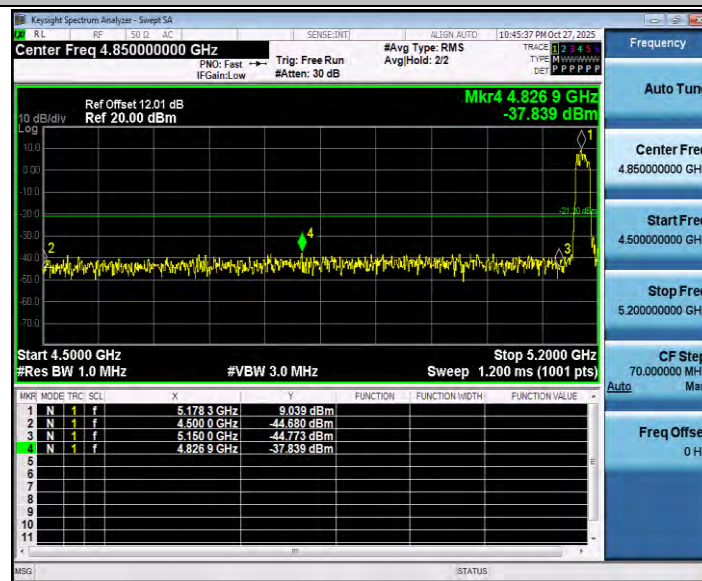
11A_Ant1_High_5240_Peak



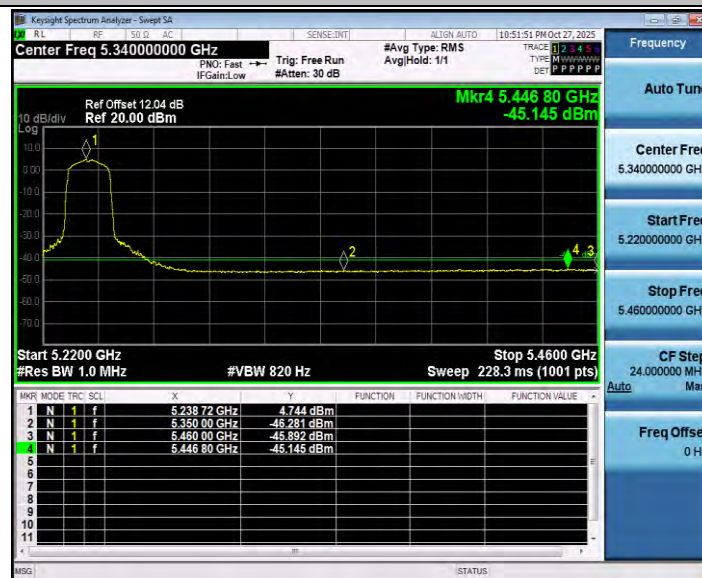
11N20SISO_Ant1_Low_5180_AV



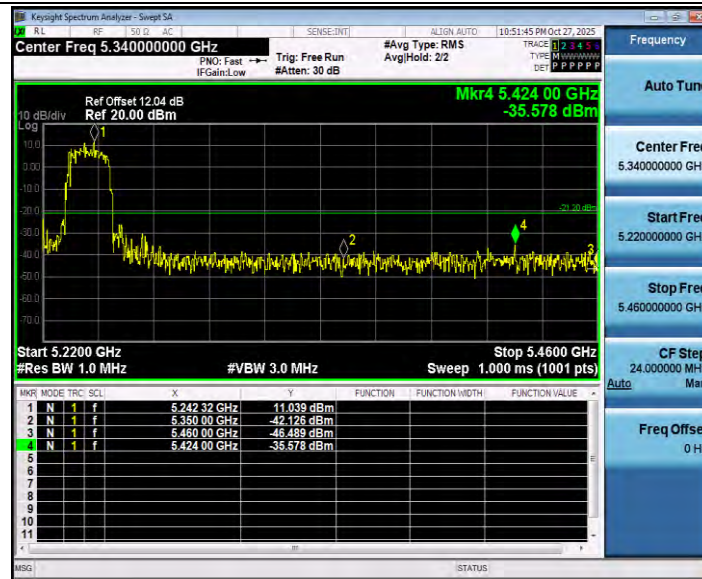
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



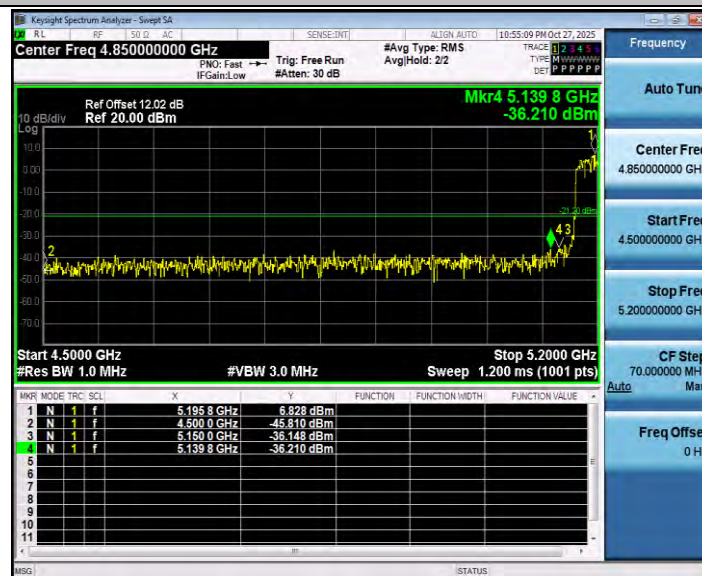
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV



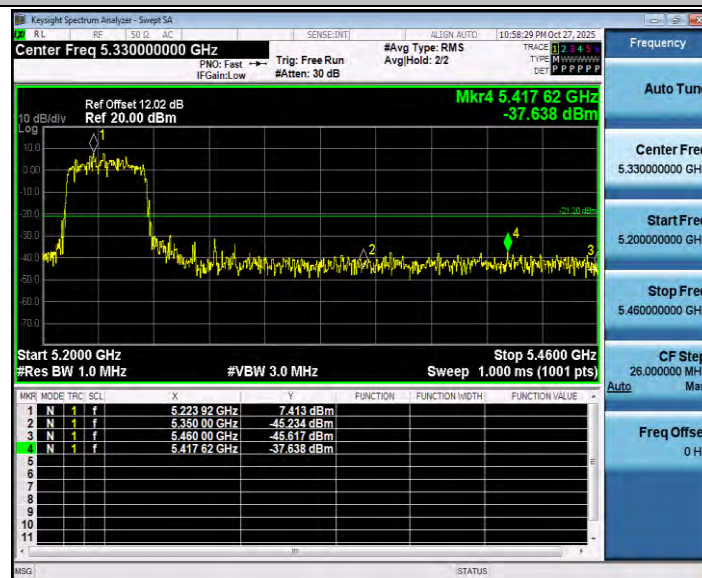
11N40SISO_Ant1_Low_5190_Peak



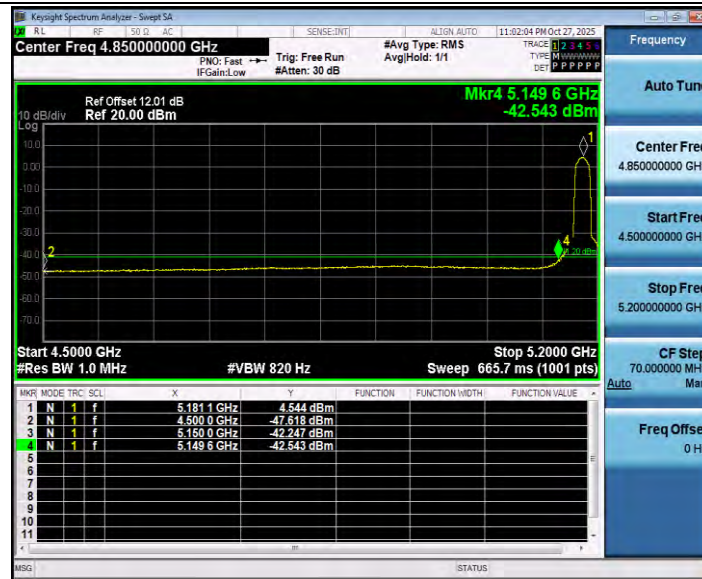
11N40SISO_Ant1_High_5230_AV



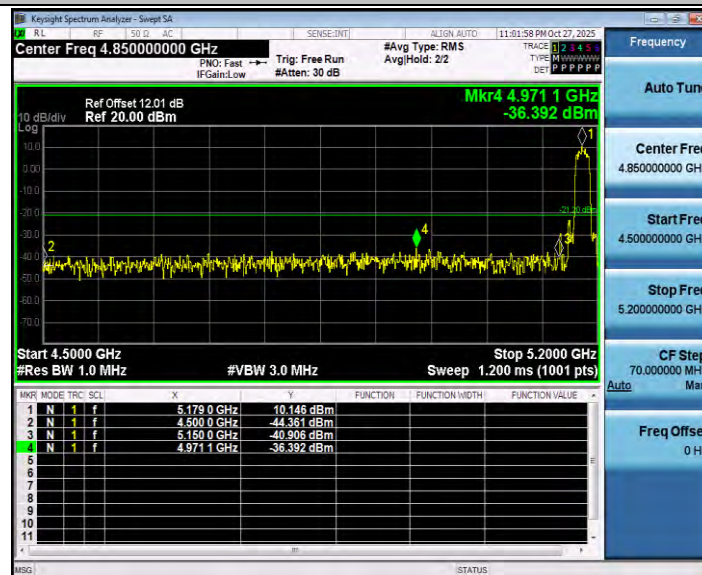
11N40SISO_Ant1_High_5230_Peak



11AC20SISO_Ant1_Low_5180_AV



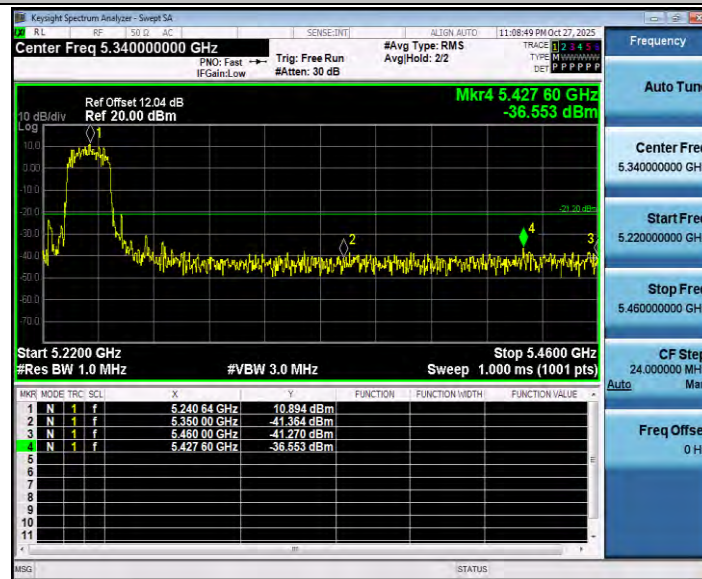
11AC20SISO_Ant1_Low_5180_Peak



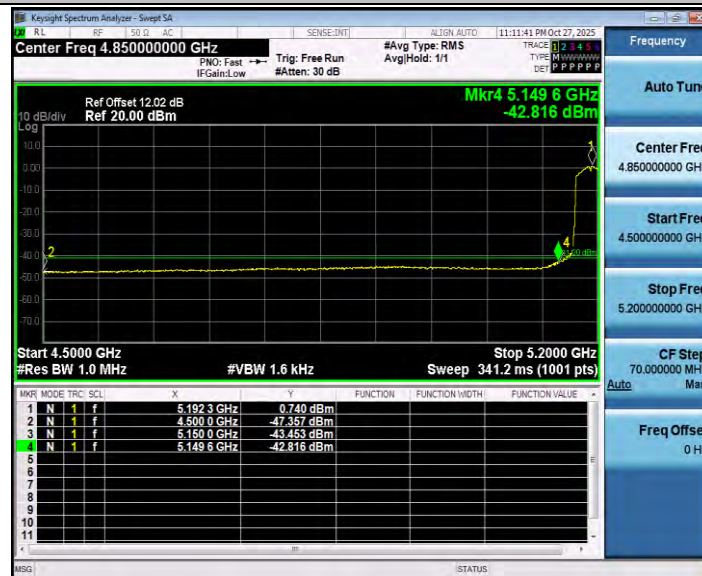
11AC20SISO_Ant1_High_5240_AV



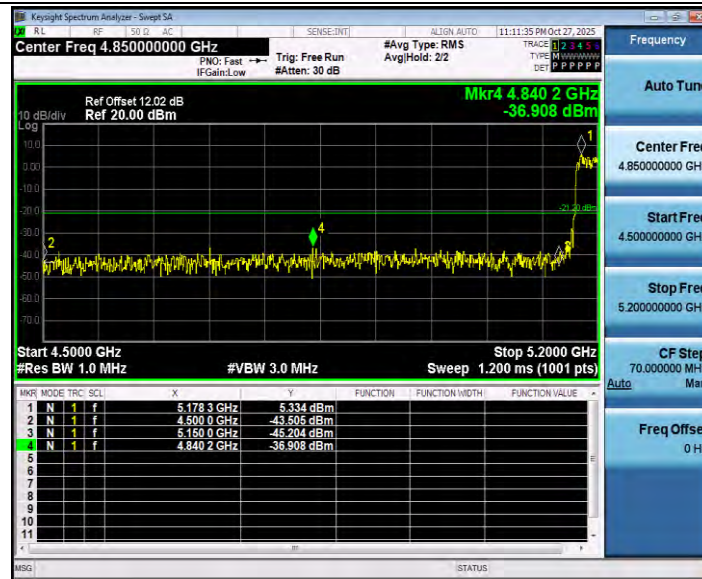
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11AC40SISO_Ant1_Low_5190_AV



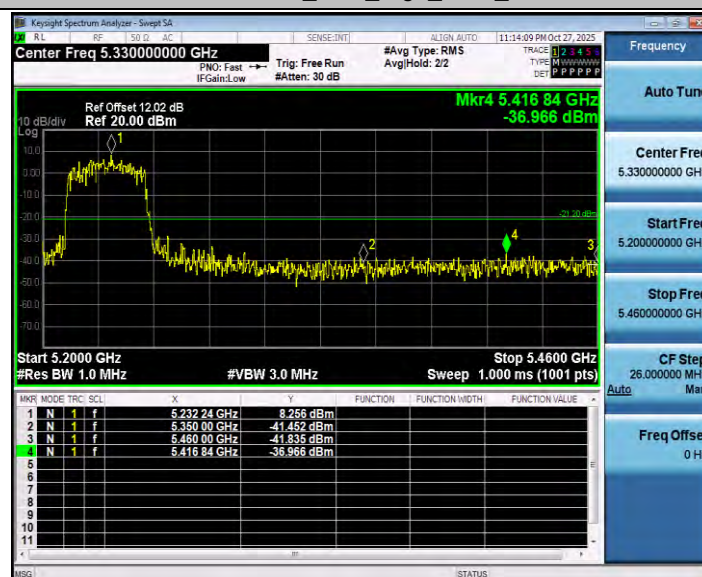
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



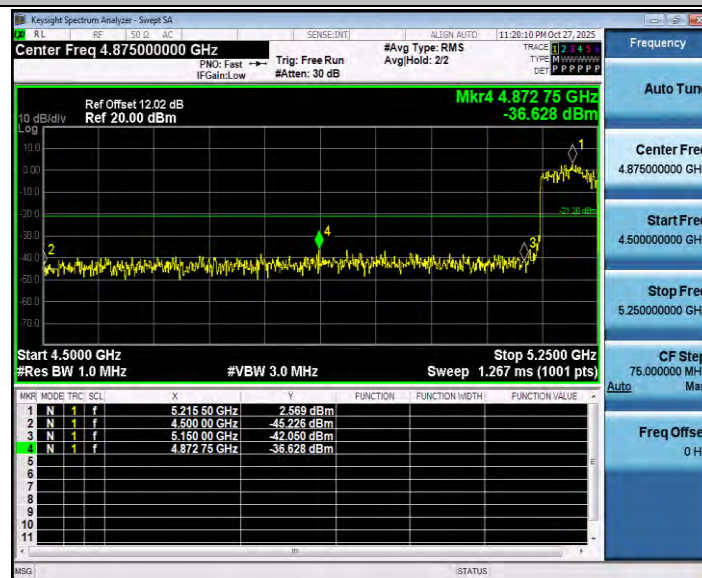
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak

