

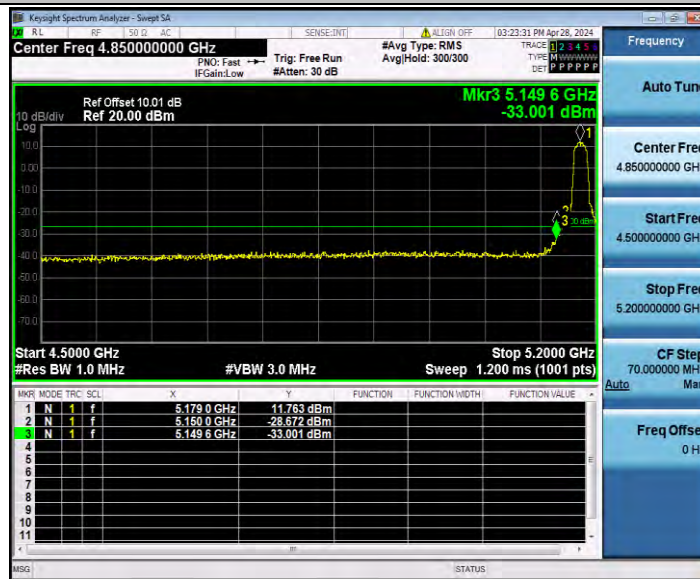
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-33	≤ -27	PASS
		High	5240	-37.02	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-28.01	≤ -27	PASS
		High	5240	-37.42	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-27.66	≤ -27	PASS
		High	5230	-37.63	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-31.4	≤ -27	PASS
		High	5240	-37.26	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-30.67	≤ -27	PASS
		High	5230	-37.21	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-29.21	≤ -27	PASS
		High	5210	-37.28	≤ -27	PASS

Test Graphs B1

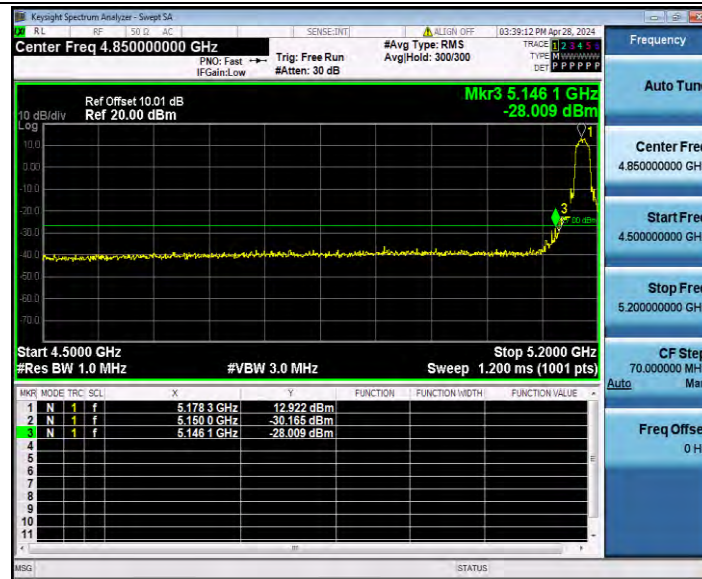
11A_Ant1_Low_5180



11A_Ant1_High_5240



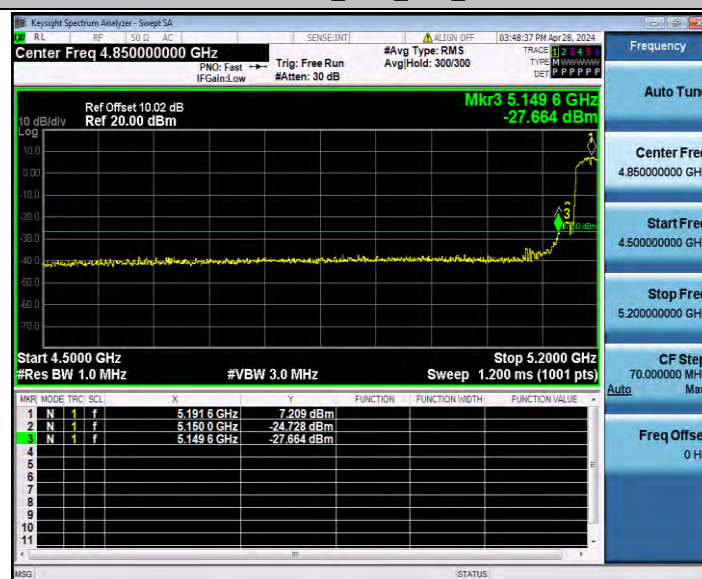
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



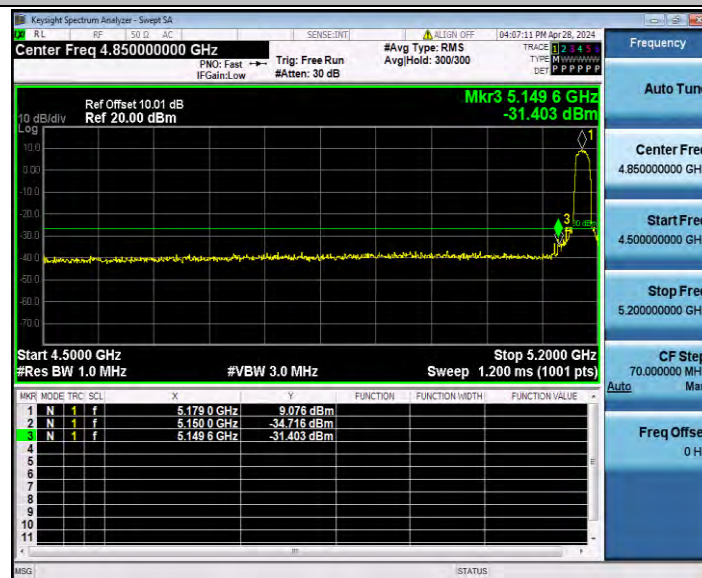
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



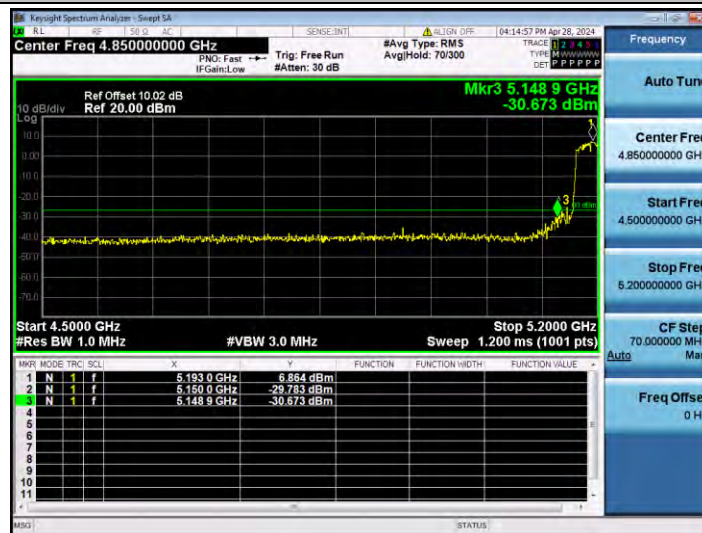
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



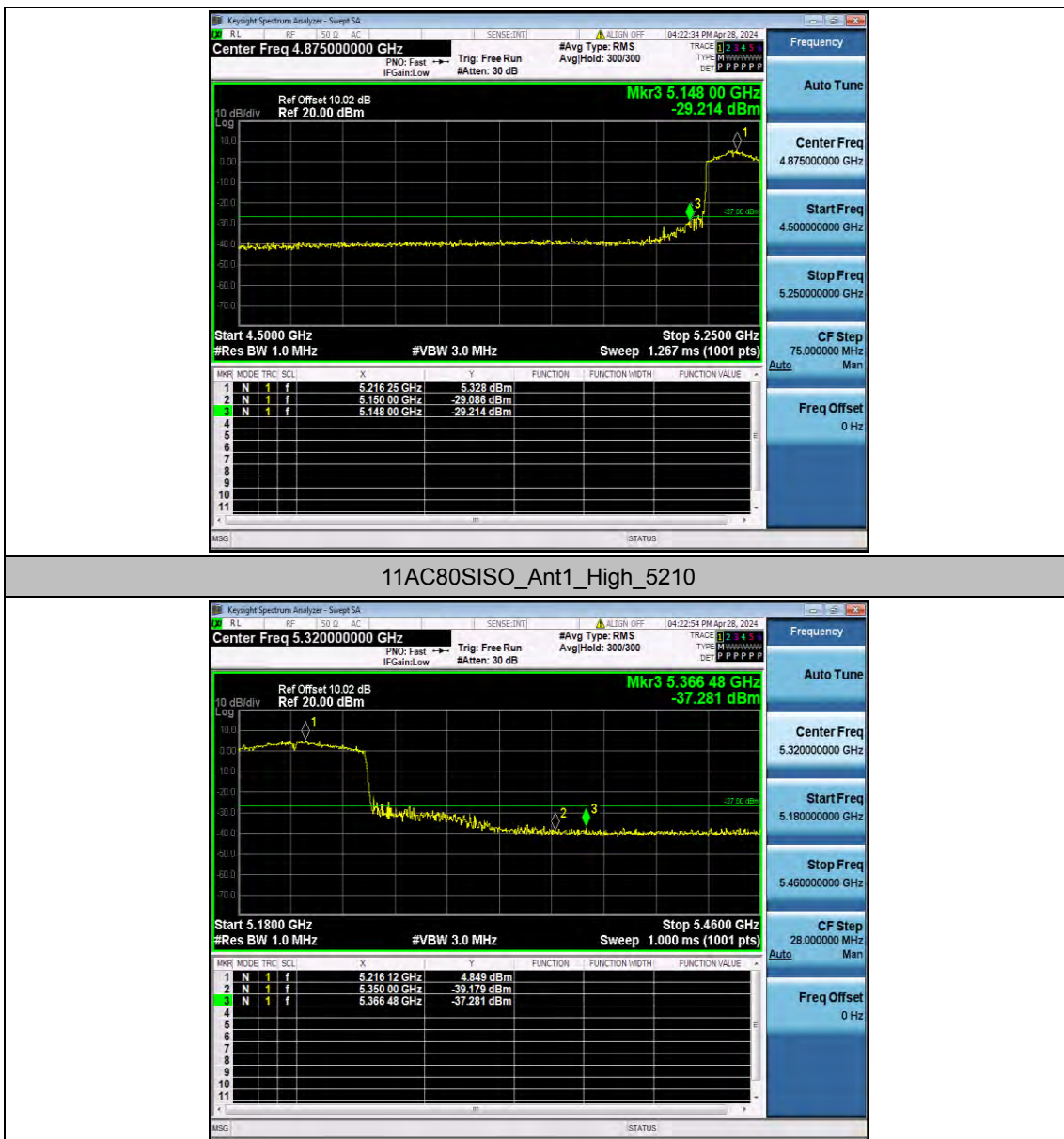
11AC40SISO_Ant1_Low_5190



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	5136.59	-34.27	≤-27	PASS
			5360~27000	26591.73	-37.42	≤-27	PASS
		5200	30~5140	833.63	-42.96	≤-27	PASS
			5360~27000	24228.64	-36.9	≤-27	PASS
		5240	30~5140	4779.57	-46.53	≤-27	PASS
			5360~27000	26065.87	-37.4	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5139.49	-31.89	≤-27	PASS
			5360~27000	26006.72	-37	≤-27	PASS
		5200	30~5140	5105.08	-44.39	≤-27	PASS
			5360~27000	26500.12	-36.01	≤-27	PASS
		5240	30~5140	1737.42	-40.06	≤-27	PASS
			5360~27000	23551.31	-36.82	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5137.62	-34.62	≤-27	PASS
			5360~27000	24267.59	-36.76	≤-27	PASS
		5230	30~5140	5139.66	-43.18	≤-27	PASS
			5360~27000	24219.98	-37.14	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5139.83	-44.4	≤-27	PASS
			5360~27000	23526.78	-36.91	≤-27	PASS
		5200	30~5140	5139.32	-44.18	≤-27	PASS
			5360~27000	26088.96	-37	≤-27	PASS
		5240	30~5140	828.35	-39.06	≤-27	PASS
			5360~27000	25247.88	-37.27	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5136.42	-33.03	≤-27	PASS
			5360~27000	24269.75	-35.91	≤-27	PASS
		5230	30~5140	5037.46	-44.27	≤-27	PASS
			5360~27000	24344.05	-37.1	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5133.19	-33.83	≤-27	PASS
			5360~27000	24735.73	-36.06	≤-27	PASS

Test Graphs

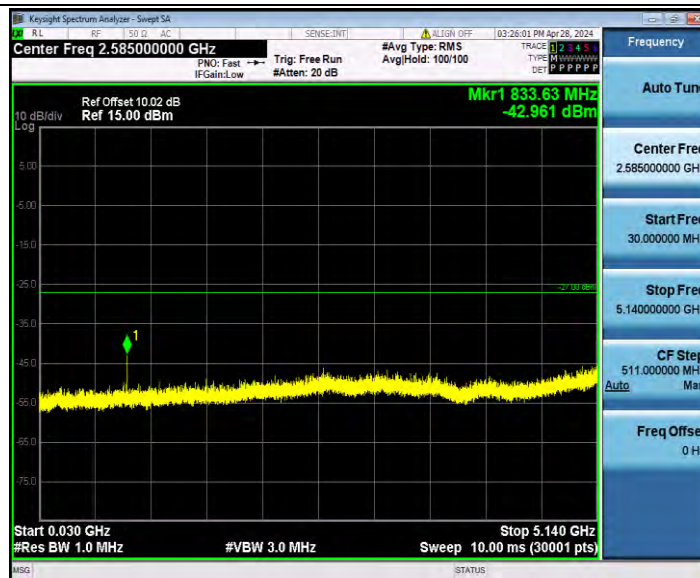
11A_Ant1_5180_30~5140



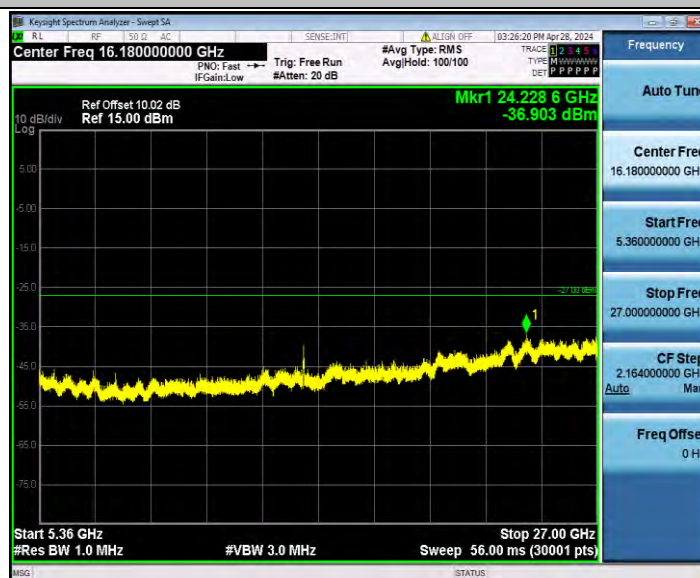
11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140



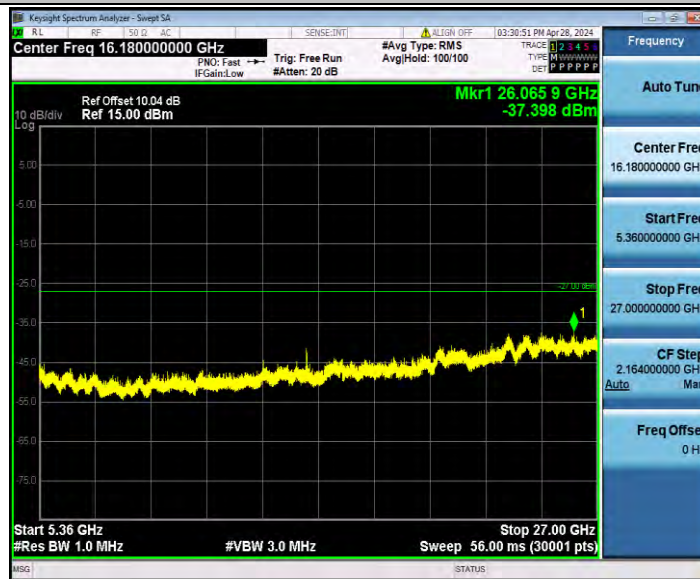
11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



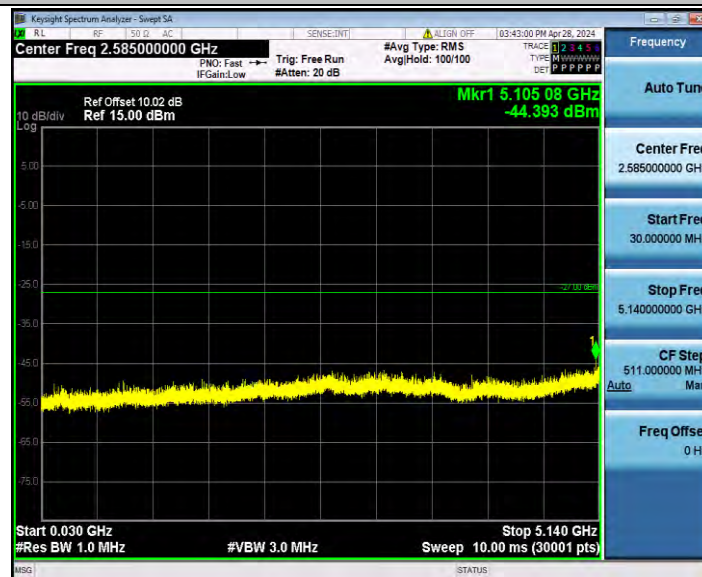
11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~27000



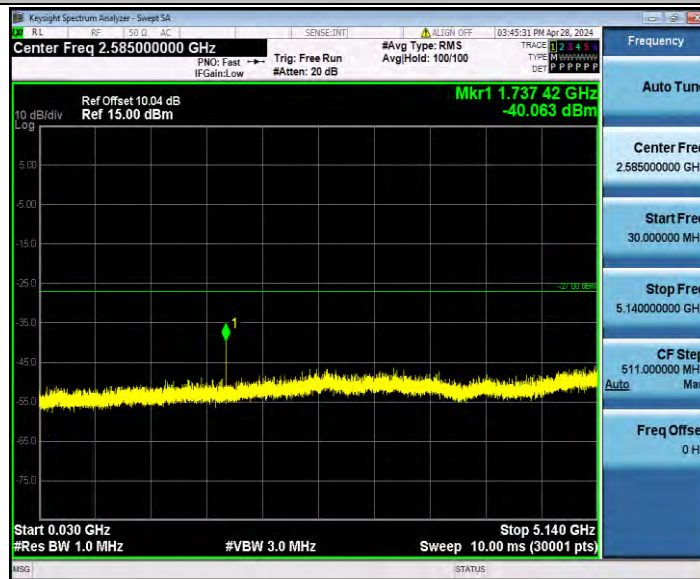
11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



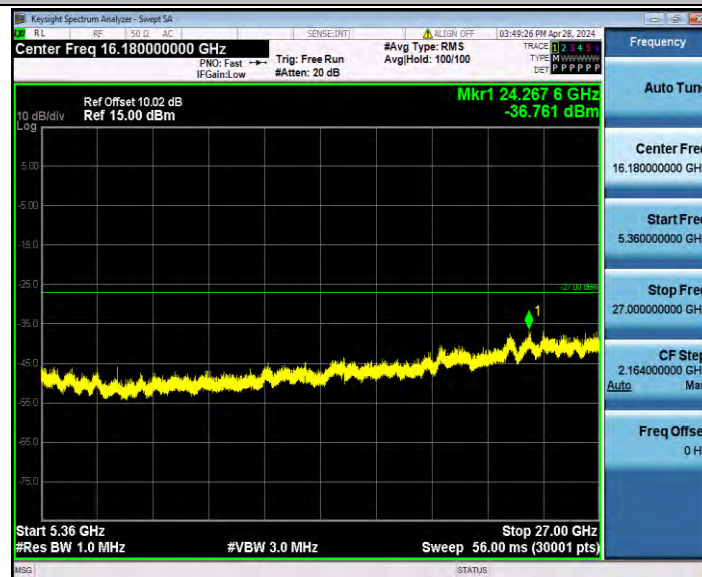
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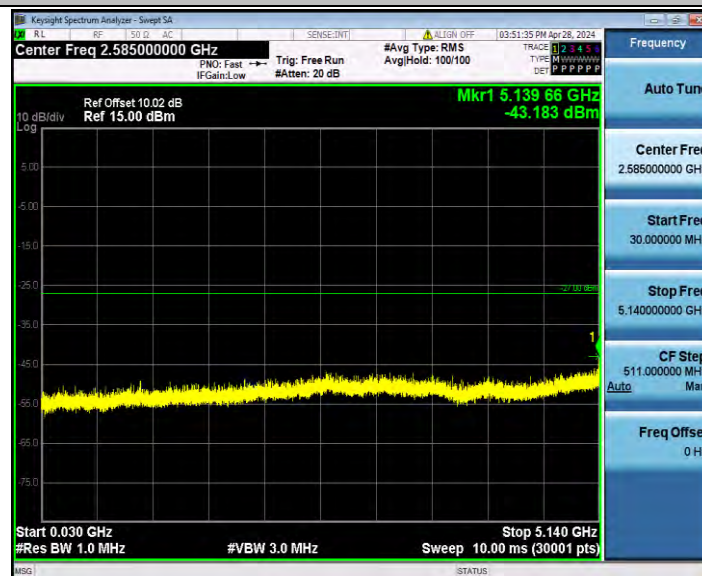
11N40SISO_Ant1_5190_30~5140



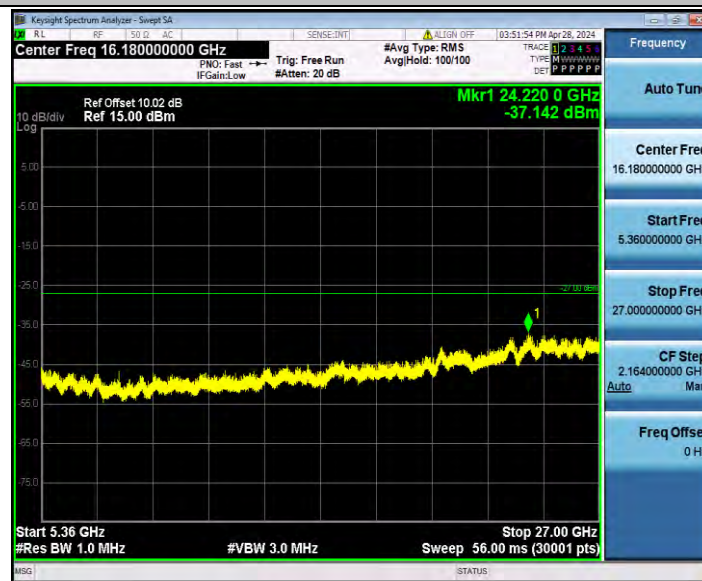
11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



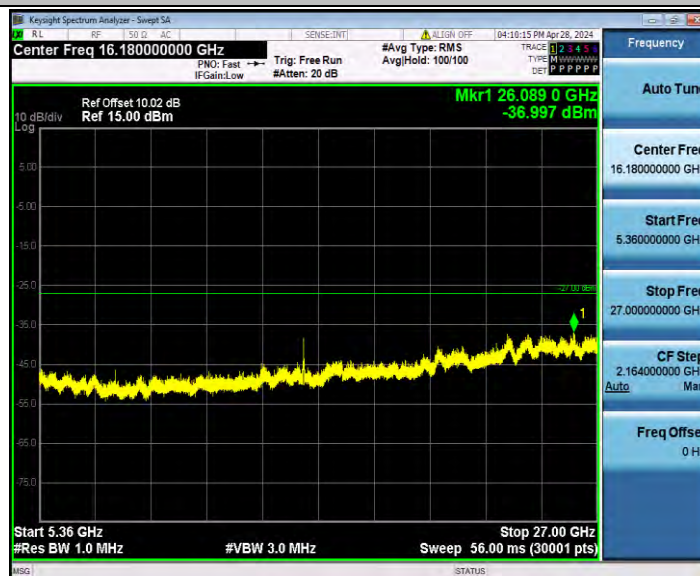
11AC20SISO_Ant1_5180_5360~27000



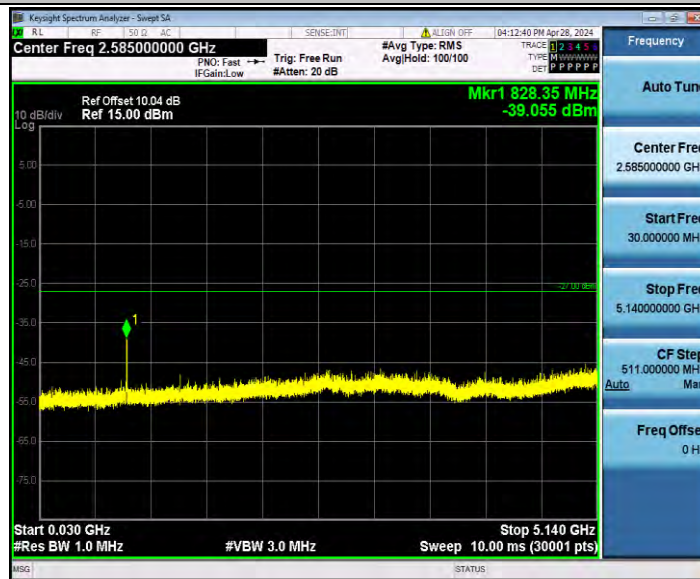
11AC20SISO_Ant1_5200_30~5140



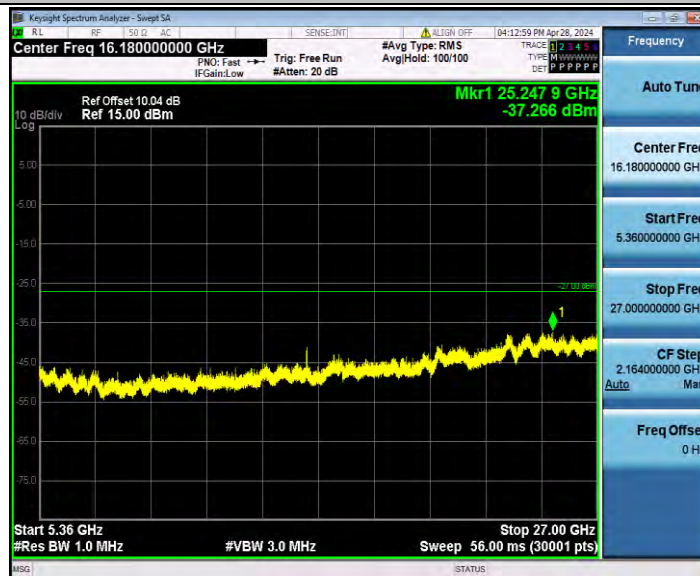
11AC20SISO_Ant1_5200_5360~27000



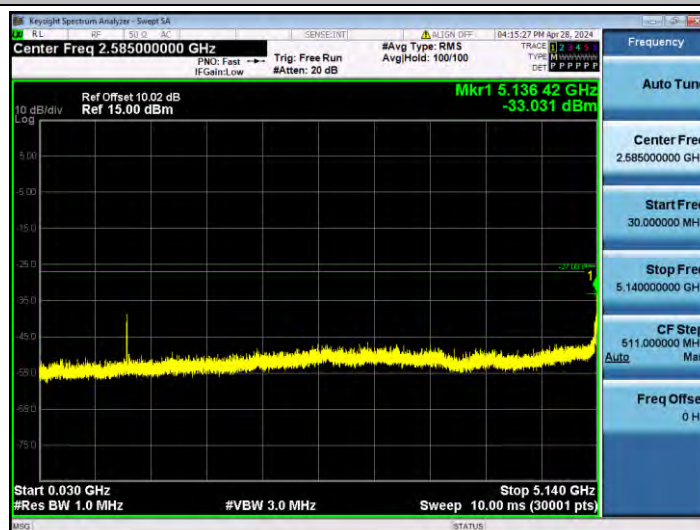
11AC20SISO_Ant1_5240_30~5140



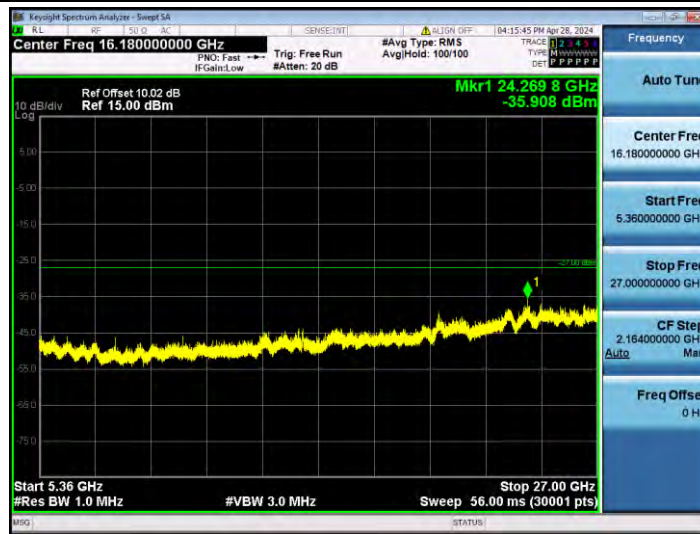
11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



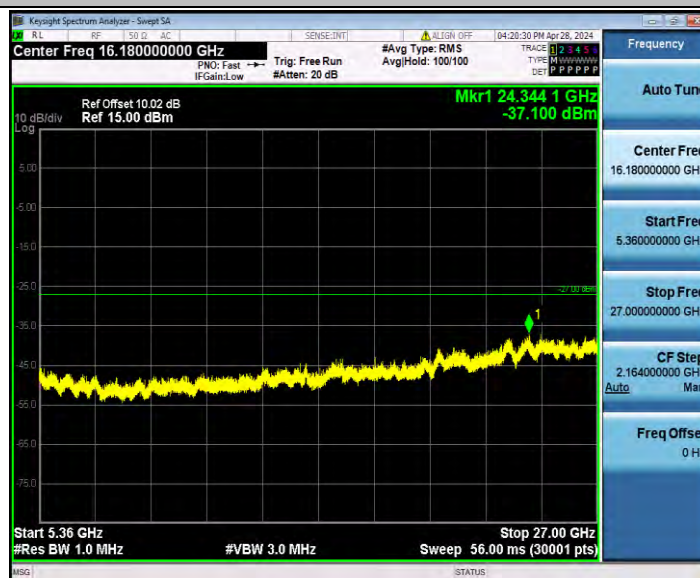
11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140



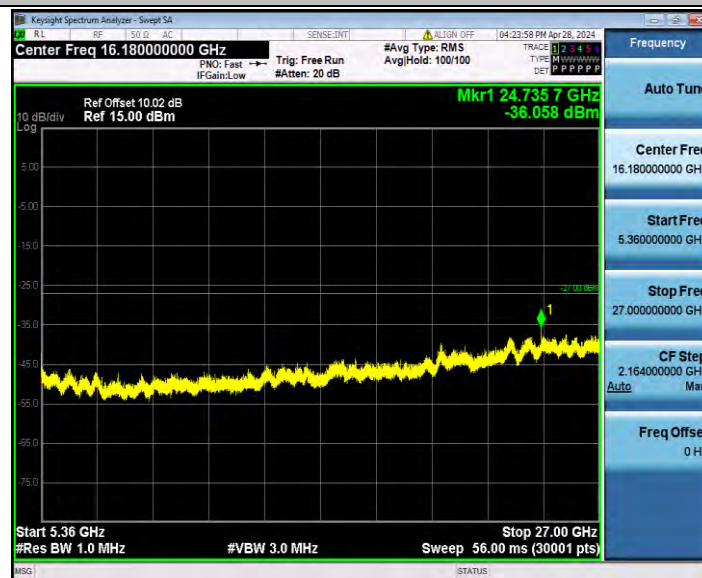
11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000



Appendix D.8: Emissions in Restricted Bands

Test Result

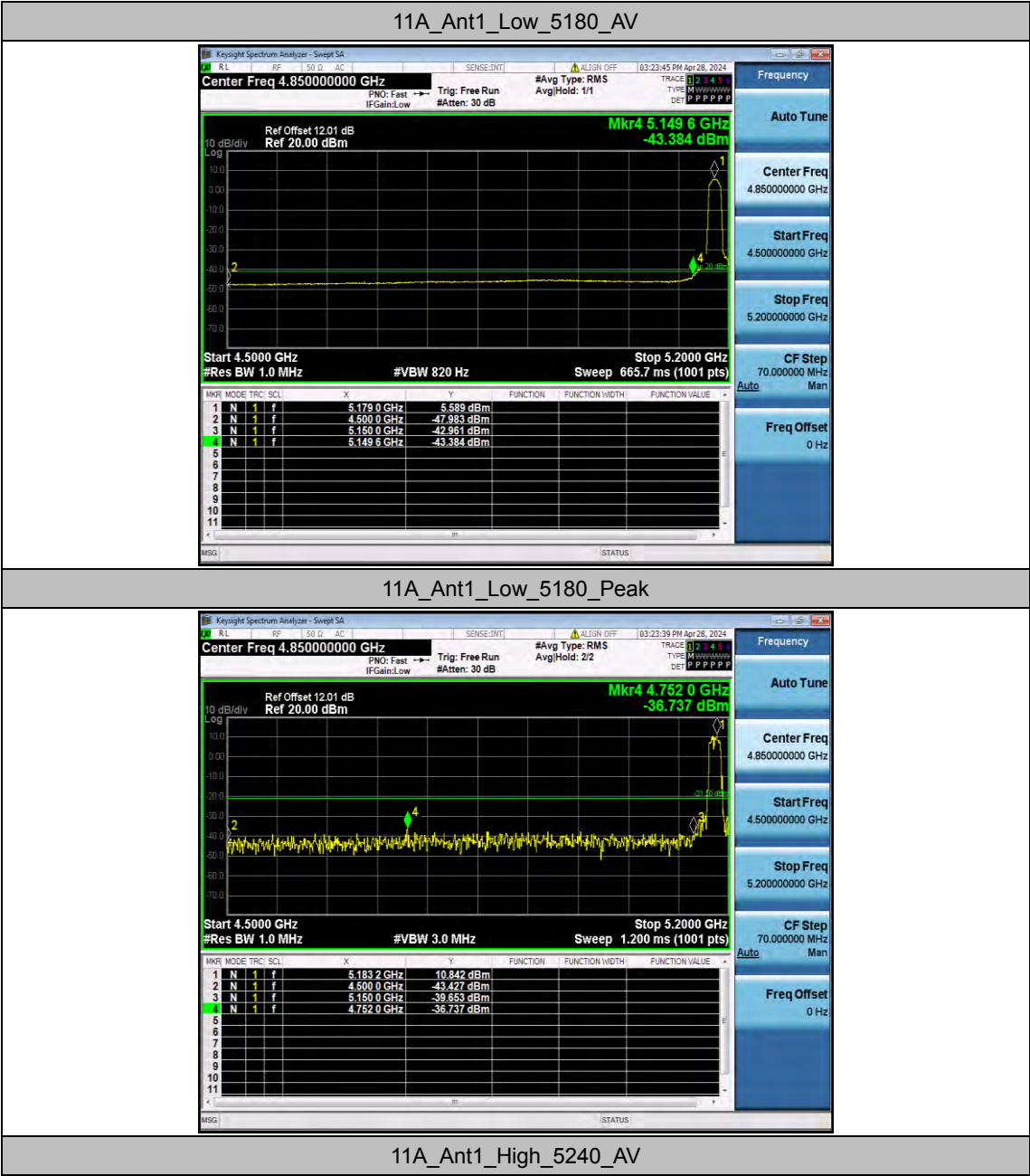
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.98	≤-41.20	47.22	≤54	PASS
				AV	5149.600	-43.38	≤-41.20	51.82	≤54	PASS
				AV	5150.000	-42.96	≤-41.20	52.24	≤54	PASS
				Peak	4500.000	-43.43	≤-21.20	51.77	≤74	PASS
				Peak	4752.000	-36.74	≤-21.20	58.46	≤74	PASS
				Peak	5150.000	-39.65	≤-21.20	55.55	≤74	PASS
		High	5240	AV	5350.000	-46.64	≤-41.20	48.56	≤54	PASS
				AV	5457.840	-45.51	≤-41.20	49.69	≤54	PASS
				AV	5460.000	-45.91	≤-41.20	49.29	≤54	PASS
				Peak	5350.000	-43.32	≤-21.20	51.88	≤74	PASS
				Peak	5448.000	-37.74	≤-21.20	57.46	≤74	PASS
				Peak	5460.000	-44.48	≤-21.20	50.72	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.78	≤-41.20	47.42	≤54	PASS
				AV	4951.500	-45.16	≤-41.20	50.04	≤54	PASS
				AV	5150.000	-45.95	≤-41.20	49.25	≤54	PASS
				Peak	4500.000	-46.74	≤-21.20	48.46	≤74	PASS
				Peak	4913.700	-37.09	≤-21.20	58.11	≤74	PASS
				Peak	5150.000	-45.56	≤-21.20	49.64	≤74	PASS
		High	5240	AV	5350.000	-46.27	≤-41.20	48.93	≤54	PASS
				AV	5451.600	-45.34	≤-41.20	49.86	≤54	PASS
				AV	5460.000	-45.81	≤-41.20	49.39	≤54	PASS
				Peak	5350.000	-46.21	≤-21.20	48.99	≤74	PASS
				Peak	5351.520	-37.34	≤-21.20	57.86	≤74	PASS
				Peak	5460.000	-44.62	≤-21.20	50.58	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.82	≤-41.20	47.38	≤54	PASS
				AV	5148.900	-41.93	≤-41.20	53.27	≤54	PASS
				AV	5150.000	-41.42	≤-41.20	53.78	≤54	PASS
				Peak	4500.000	-41.39	≤-21.20	53.81	≤74	PASS
				Peak	5145.400	-30.95	≤-21.20	64.25	≤74	PASS
				Peak	5150.000	-39.94	≤-21.20	55.26	≤74	PASS
		High	5230	AV	5350.000	-46.69	≤-41.20	48.51	≤54	PASS
				AV	5436.860	-45.26	≤-41.20	49.94	≤54	PASS
				AV	5460.000	-45.51	≤-41.20	49.69	≤54	PASS
				Peak	5350.000	-43.68	≤-21.20	51.52	≤74	PASS
				Peak	5376.800	-38.2	≤-21.20	57.00	≤74	PASS
				Peak	5460.000	-43.47	≤-21.20	51.73	≤74	PASS

11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.83	≤-41.20	47.37	≤54	PASS
				AV	4948.000	-45.11	≤-41.20	50.09	≤54	PASS
				AV	5150.000	-44.93	≤-41.20	50.27	≤54	PASS
				Peak	4500.000	-45.38	≤-21.20	49.82	≤74	PASS
				Peak	4959.900	-36.71	≤-21.20	58.49	≤74	PASS
				Peak	5150.000	-45.85	≤-21.20	49.35	≤74	PASS
		High	5240	AV	5350.000	-46.26	≤-41.20	48.94	≤54	PASS
				AV	5441.520	-45.25	≤-41.20	49.95	≤54	PASS
				AV	5460.000	-45.58	≤-41.20	49.62	≤54	PASS
				Peak	5350.000	-44.96	≤-21.20	50.24	≤74	PASS
				Peak	5421.600	-36.41	≤-21.20	58.79	≤74	PASS
				Peak	5460.000	-43.21	≤-21.20	51.99	≤74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.78	≤-41.20	47.42	≤54	PASS
				AV	5148.200	-41.4	≤-41.20	53.80	≤54	PASS
				AV	5150.000	-42.82	≤-41.20	52.38	≤54	PASS
				Peak	4500.000	-45.37	≤-21.20	49.83	≤74	PASS
				Peak	5136.300	-34.67	≤-21.20	60.53	≤74	PASS
				Peak	5150.000	-44.75	≤-21.20	50.45	≤74	PASS
		High	5230	AV	5350.000	-46.03	≤-41.20	49.17	≤54	PASS
				AV	5451.160	-44.95	≤-41.20	50.25	≤54	PASS
				AV	5460.000	-45.3	≤-41.20	49.90	≤54	PASS
				Peak	5350.000	-43.11	≤-21.20	52.09	≤74	PASS
				Peak	5437.120	-36.77	≤-21.20	58.43	≤74	PASS
				Peak	5460.000	-41.91	≤-21.20	53.29	≤74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.13	≤-41.20	48.07	≤54	PASS
				AV	4947.750	-44.52	≤-41.20	50.68	≤54	PASS
				AV	5150.000	-45.48	≤-41.20	49.72	≤54	PASS
				Peak	4500.000	-41.35	≤-21.20	53.85	≤74	PASS
				Peak	4994.250	-35.92	≤-21.20	59.28	≤74	PASS
				Peak	5150.000	-42.58	≤-21.20	52.62	≤74	PASS
		High	5210	AV	5350.000	-45.79	≤-41.20	49.41	≤54	PASS
				AV	5412.680	-44.89	≤-41.20	50.31	≤54	PASS
				AV	5460.000	-46.05	≤-41.20	49.15	≤54	PASS
				Peak	5350.000	-39.27	≤-21.20	55.93	≤74	PASS
				Peak	5422.200	-37.05	≤-21.20	58.15	≤74	PASS
				Peak	5460.000	-41.87	≤-21.20	53.33	≤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



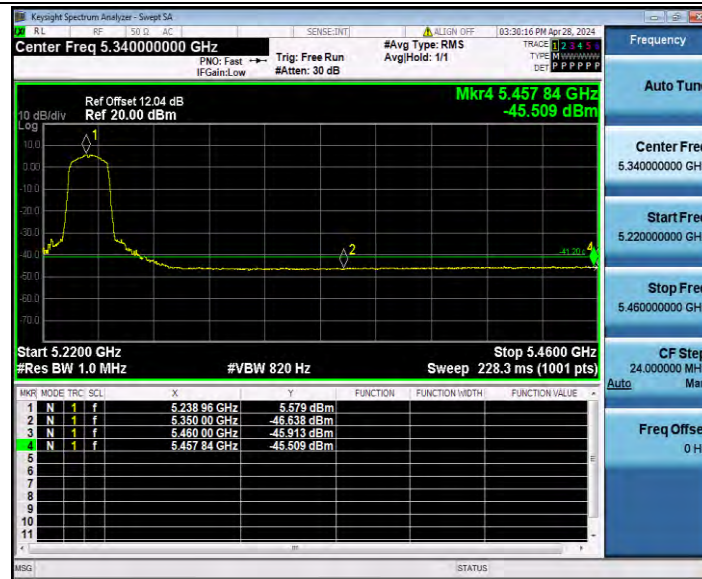
11A_Ant1_Low_5180_Peak

Frequency

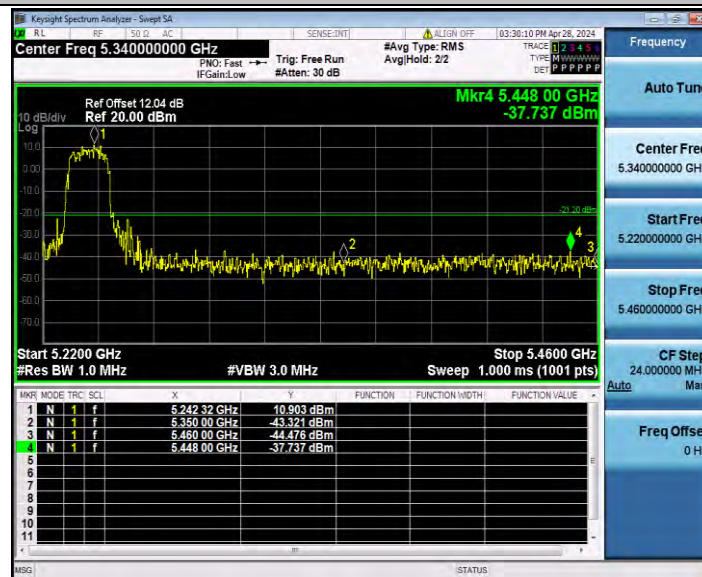
Auto Tune

Center Freq
4.850000000 GHzStart Freq
4.500000000 GHzStop Freq
5.200000000 GHzCF Step
70.000000 MHz
AutoFreq Offset
0 Hz

11A_Ant1_High_5240_AV



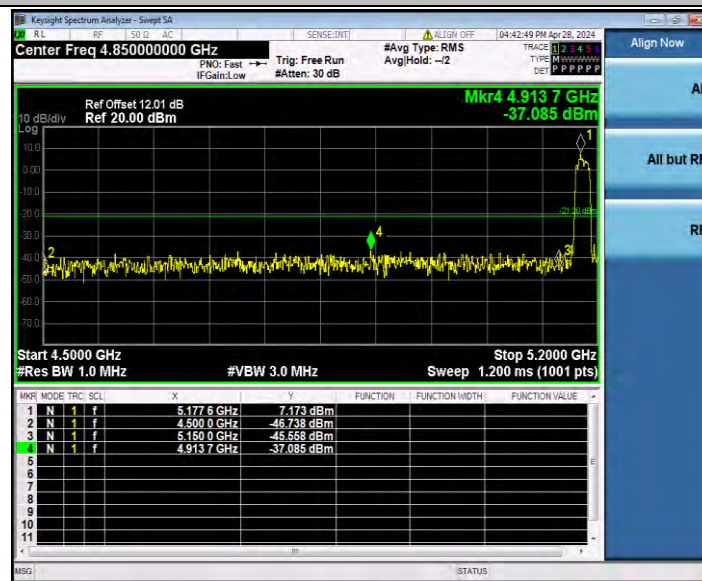
11A_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5180_AV



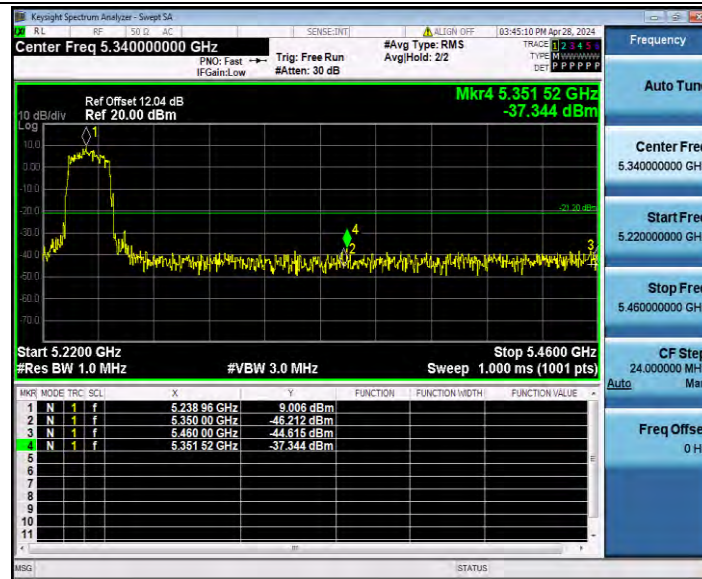
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11N20SISO_Ant1_High_5240_AV



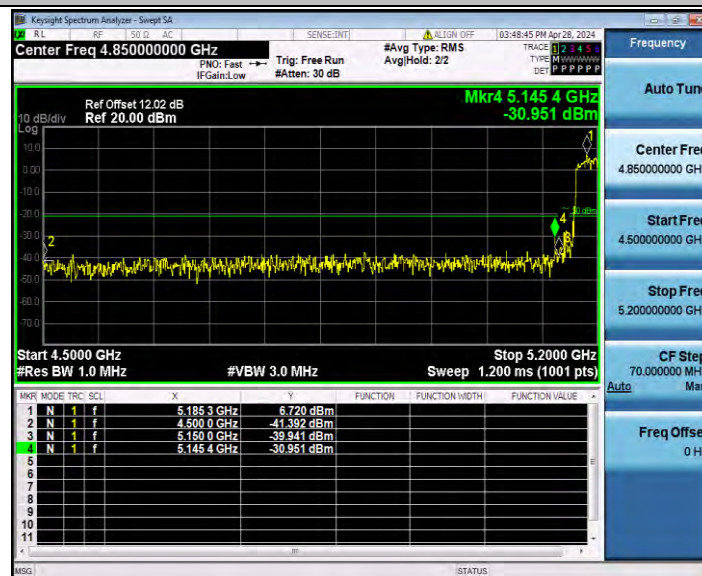
11N20SISO_Ant1_High_5240_Peak



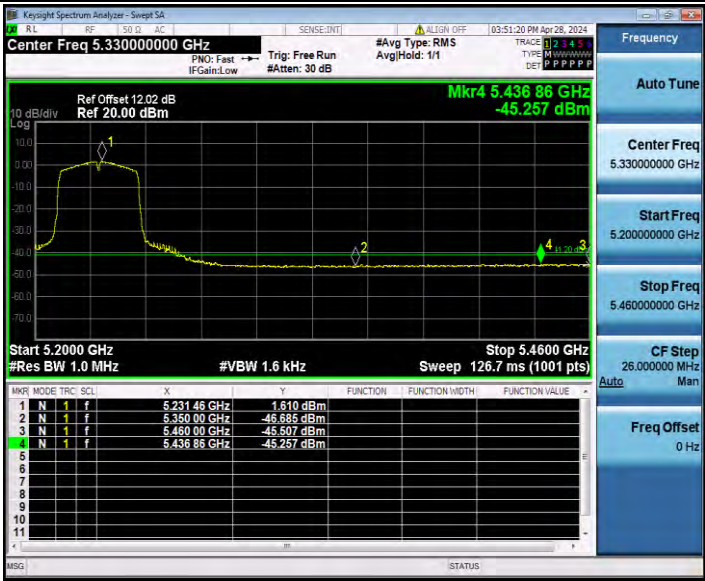
11N40SISO_Ant1_Low_5190_AV



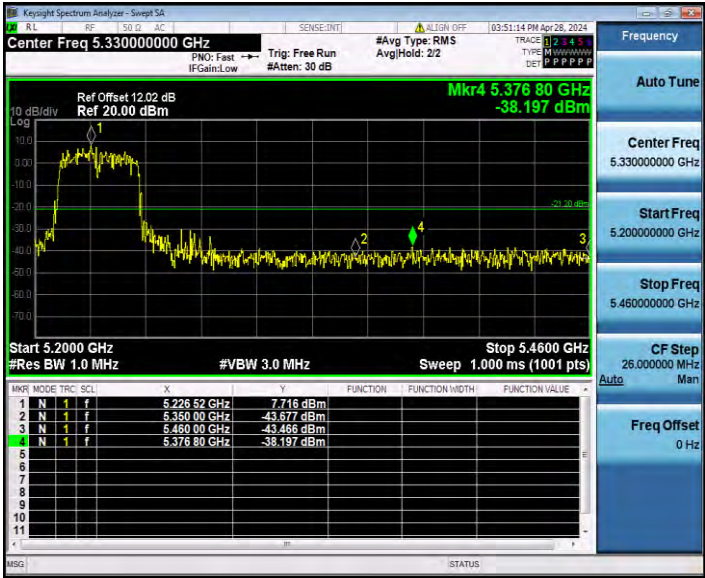
11N40SISO_Ant1_Low_5190_Peak



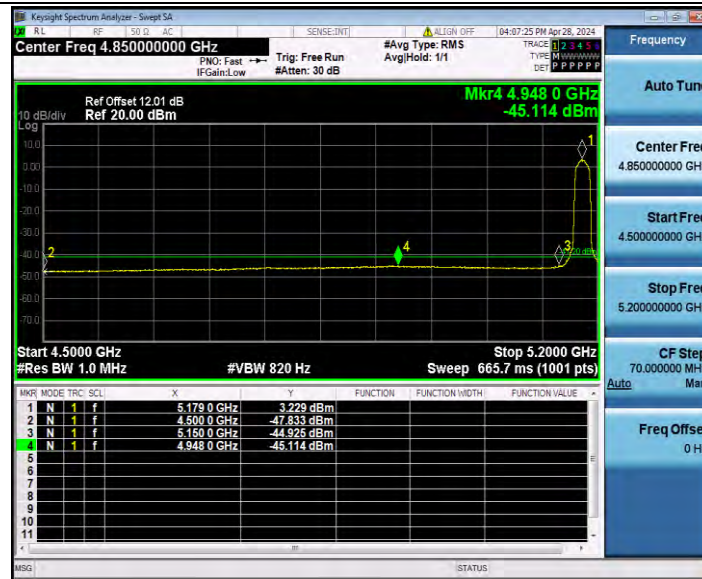
11N40SISO_Ant1_High_5230_AV



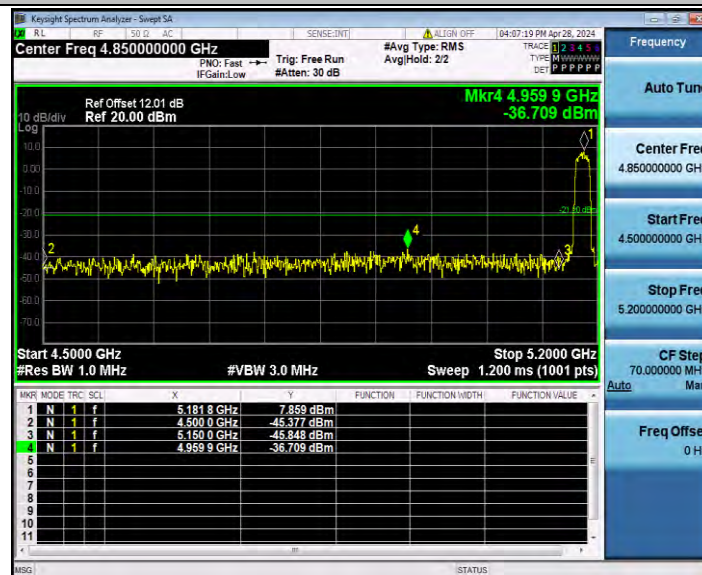
11N40SISO_Ant1_High_5230_Peak



11AC20SISO_Ant1_Low_5180_AV



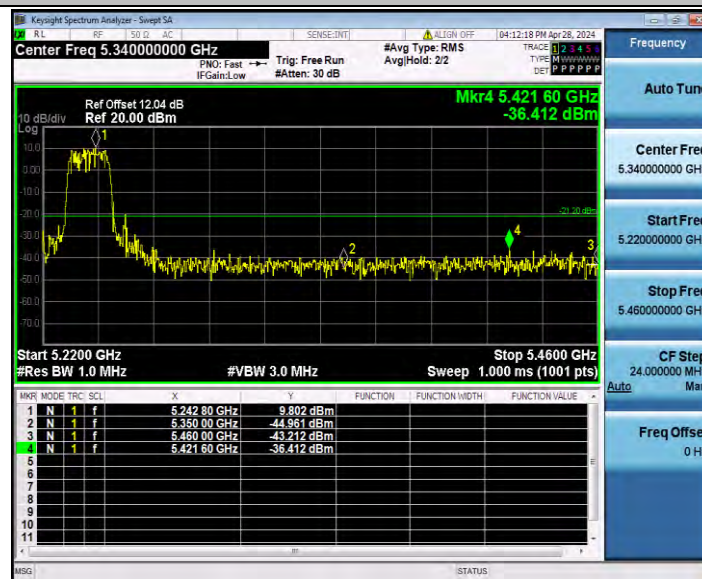
11AC20SISO_Ant1_Low_5180_Peak



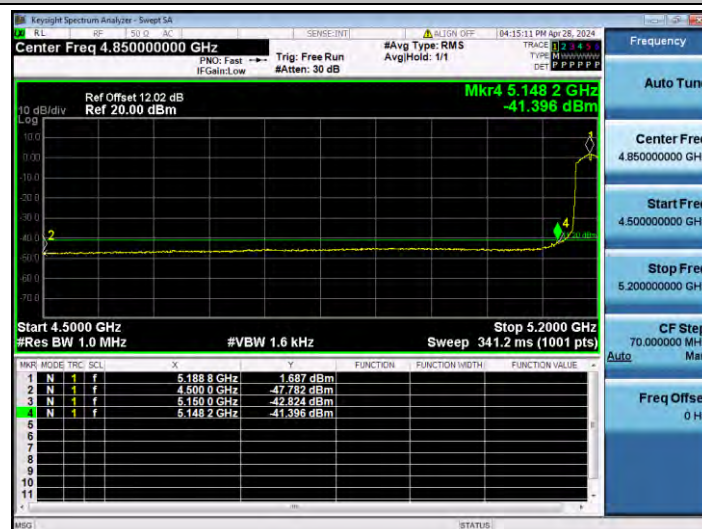
11AC20SISO_Ant1_High_5240_AV



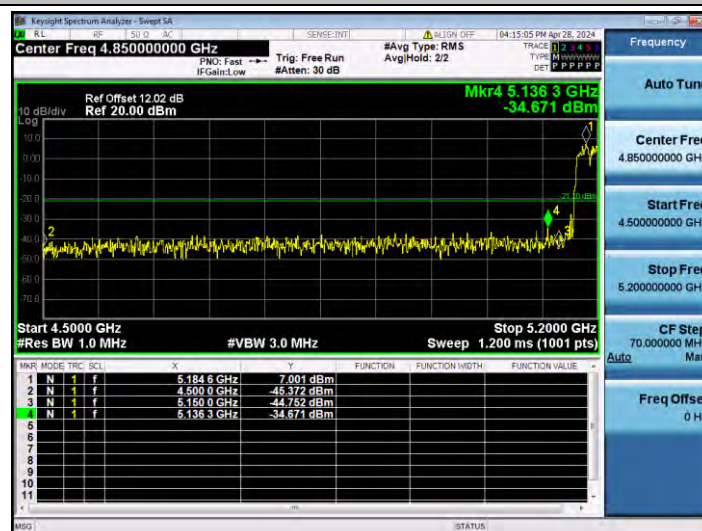
11AC20SISO_Ant1_High_5240_Peak



11AC40SISO_Ant1_Low_5190_AV



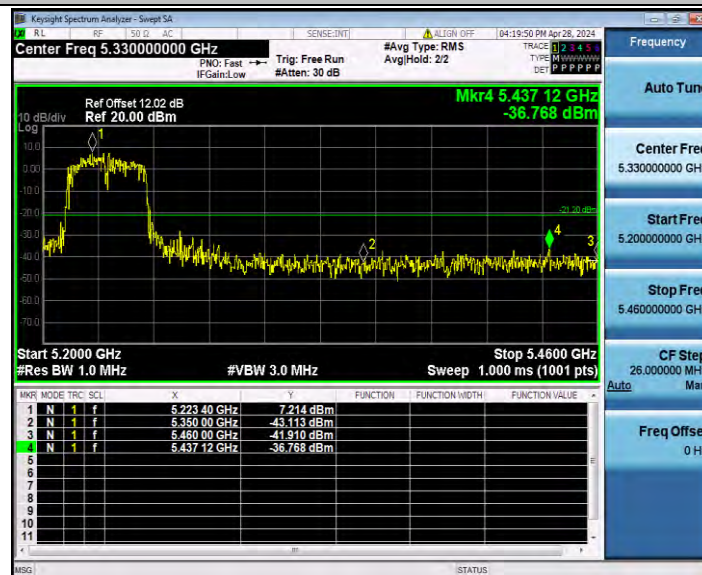
11AC40SISO_Ant1_Low_5190_Peak



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

