

Appendix G.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.87	≤-26.53	PASS
				5700~5720	-31.07	≤15.53	PASS
				5720~5725	-31	≤17.39	PASS
				5760~5650	-39.15	≤-27	PASS
		High	5825	5850~5855	-34.9	≤17.26	PASS
				5855~5875	-39.05	≤10.06	PASS
				5875~5925	-39.84	≤-26.91	PASS
				5925~5935	-37.58	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.06	≤-26.70	PASS
				5700~5720	-30.19	≤14.56	PASS
				5720~5725	-26.82	≤19.75	PASS
				5760~5650	-40.03	≤-27	PASS
		High	5825	5850~5855	-32.28	≤15.73	PASS
				5855~5875	-29.82	≤15.43	PASS
				5875~5925	-38.94	≤-26.31	PASS
				5925~5935	-37.85	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.06	≤-25.61	PASS
				5700~5720	-21.13	≤15.47	PASS
				5720~5725	-20.74	≤16.35	PASS
				5780~5650	-39.33	≤-27	PASS
		High	5795	5850~5855	-34.81	≤15.66	PASS
				5855~5875	-32.68	≤12.37	PASS
				5875~5925	-39.83	≤-26.95	PASS
				5925~5935	-37.68	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.55	≤-26.96	PASS
				5700~5720	-31.99	≤14.53	PASS
				5720~5725	-28.94	≤17.13	PASS
				5760~5650	-38.73	≤-27	PASS
		High	5825	5850~5855	-29.08	≤19.73	PASS
				5855~5875	-31.04	≤15.54	PASS
				5875~5925	-39.16	≤-26.61	PASS
				5925~5935	-38.44	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.45	≤-25.80	PASS
				5700~5720	-26.88	≤13.39	PASS
				5720~5725	-25.56	≤16.04	PASS
				5780~5650	-39.96	≤-27	PASS

		High	5795	5850~5855	-34.54	≤ 16.79	PASS
				5855~5875	-36.44	≤ 11.73	PASS
				5875~5925	-39.29	≤ -26.83	PASS
				5925~5935	-37.51	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-39.44	≤ -26.69	PASS
				5700~5720	-28.9	≤ 10.09	PASS
				5720~5725	-27.33	≤ 15.65	PASS
				5800~5650	-38.1	≤ -27	PASS
		High	5775	5850~5855	-30.68	≤ 15.84	PASS
				5855~5875	-28.23	≤ 11.74	PASS
				5875~5925	-39.06	≤ -26.87	PASS
				5925~5935	-37.63	≤ -27	PASS

Test Graphs B4

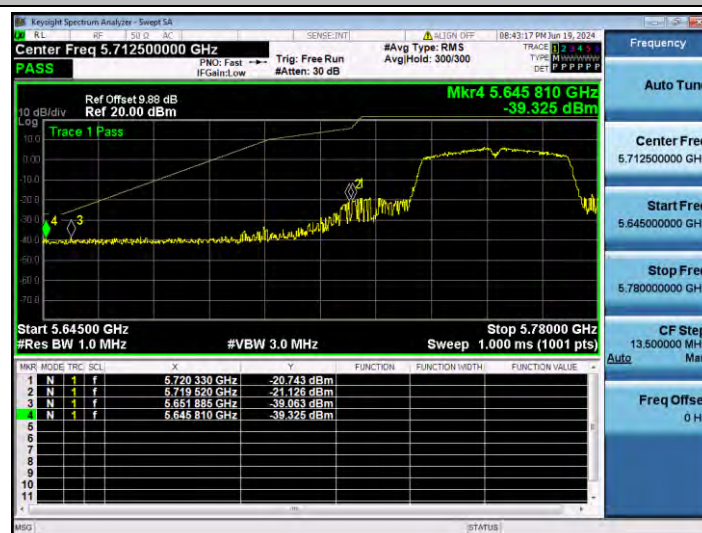




11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



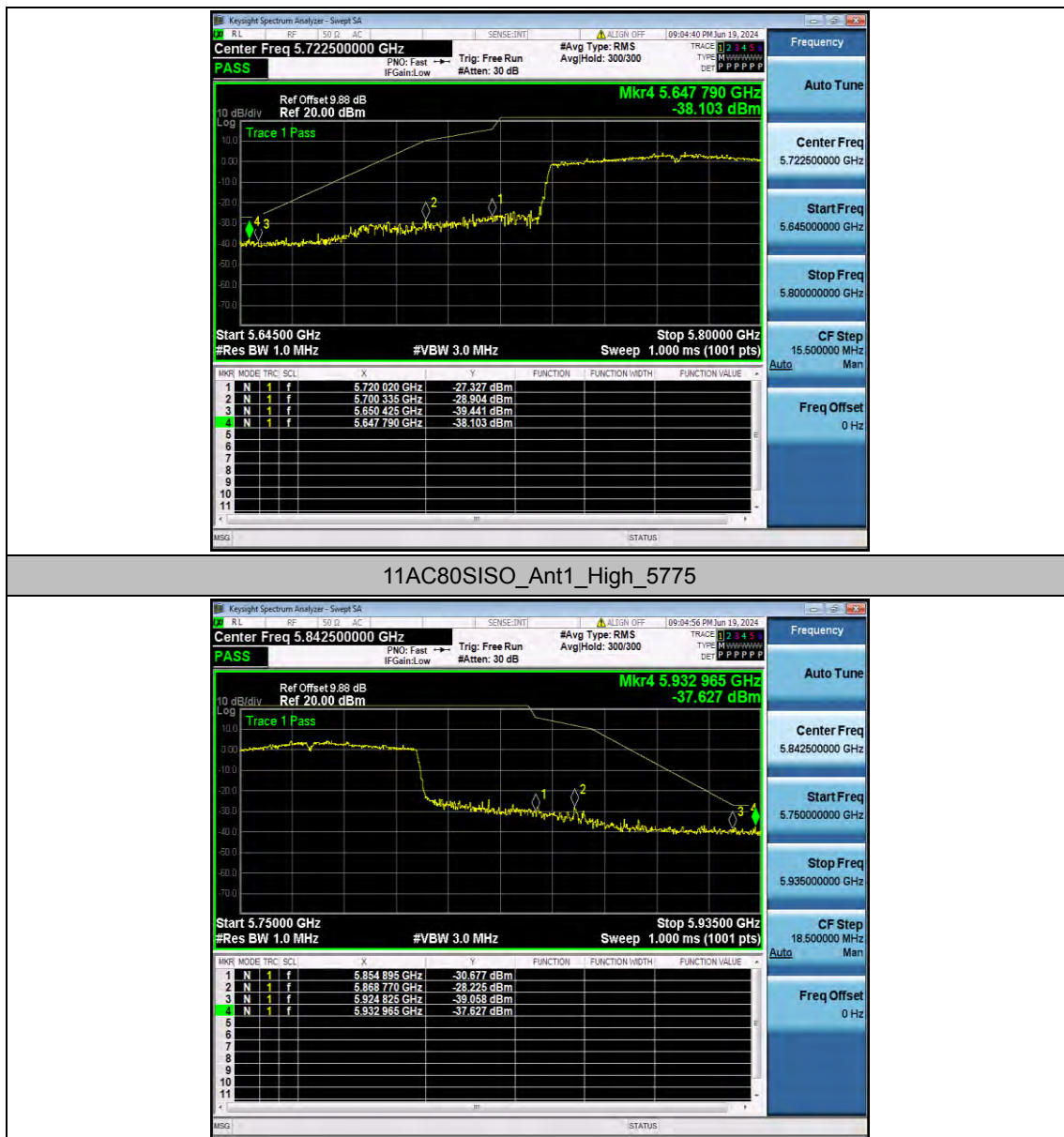
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



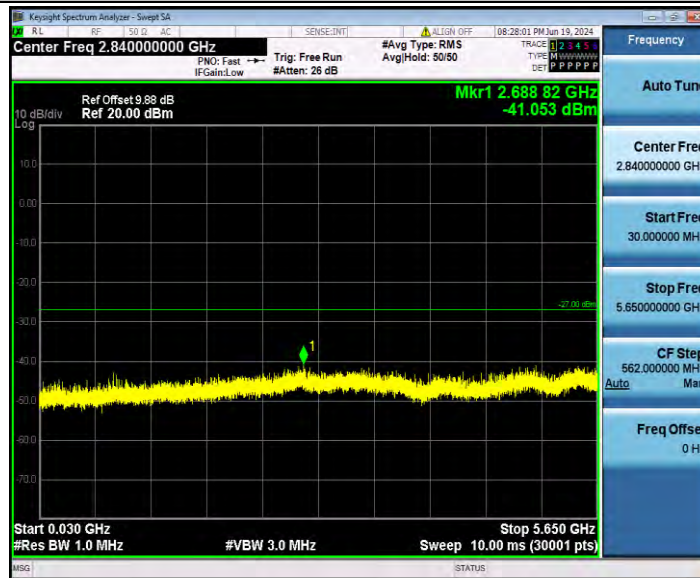
Appendix G.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2688.82	-41.05	≤-27	PASS
			5925~27000	26830	-31.41	≤-27	PASS
		5785	30~5650	5460.79	-40.39	≤-27	PASS
			5925~27000	26834.91	-31.01	≤-27	PASS
		5825	30~5650	3362.47	-40.4	≤-27	PASS
			5925~27000	26723.22	-32.08	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2606.77	-40.55	≤-27	PASS
			5925~27000	24380.38	-32.51	≤-27	PASS
		5785	30~5650	3072.86	-40	≤-27	PASS
			5925~27000	26110.64	-31.53	≤-27	PASS
		5825	30~5650	5425.95	-40.36	≤-27	PASS
			5925~27000	26772.39	-31.65	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3285.67	-40.73	≤-27	PASS
			5925~27000	23489.61	-31.89	≤-27	PASS
		5795	30~5650	2690.7	-39.79	≤-27	PASS
			5925~27000	24909.36	-30.99	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2543.45	-39.94	≤-27	PASS
			5925~27000	24425.34	-31	≤-27	PASS
		5785	30~5650	5635.95	-39.71	≤-27	PASS
			5925~27000	24166.82	-31.38	≤-27	PASS
		5825	30~5650	2683.39	-40.16	≤-27	PASS
			5925~27000	24936.76	-31.91	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4037.43	-40.74	≤-27	PASS
			5925~27000	24744.98	-31.87	≤-27	PASS
		5795	30~5650	2681.33	-40.17	≤-27	PASS
			5925~27000	23585.15	-31.25	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5635.39	-40.49	≤-27	PASS
			5925~27000	25106.06	-32.43	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



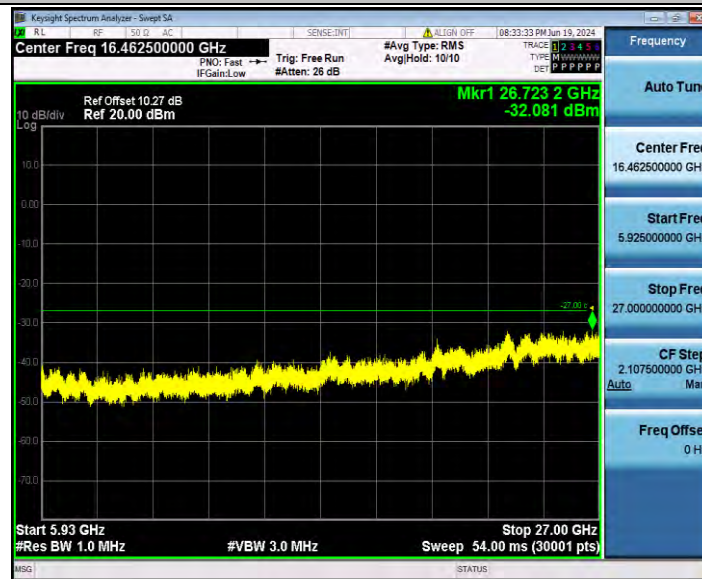
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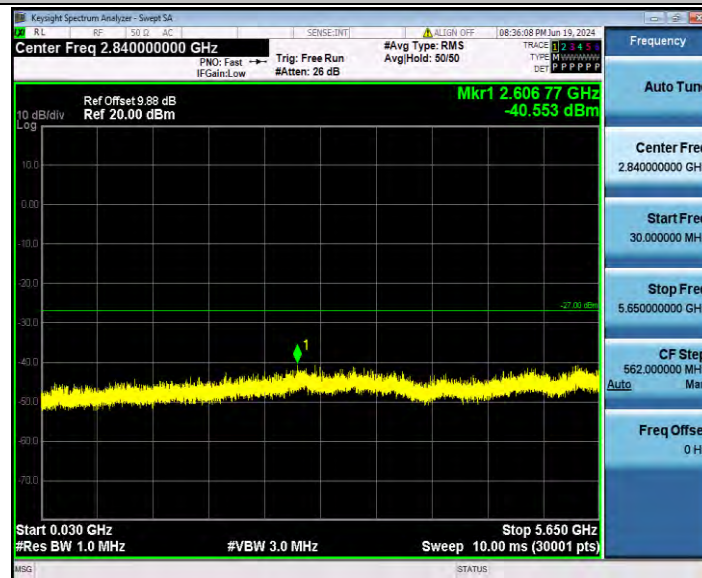
11A_Ant1_5825_30~5650



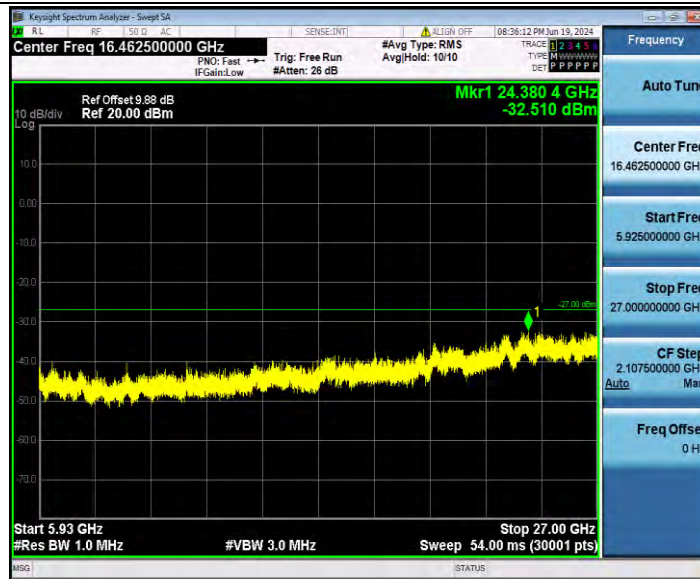
11A_Ant1_5825_5925~27000



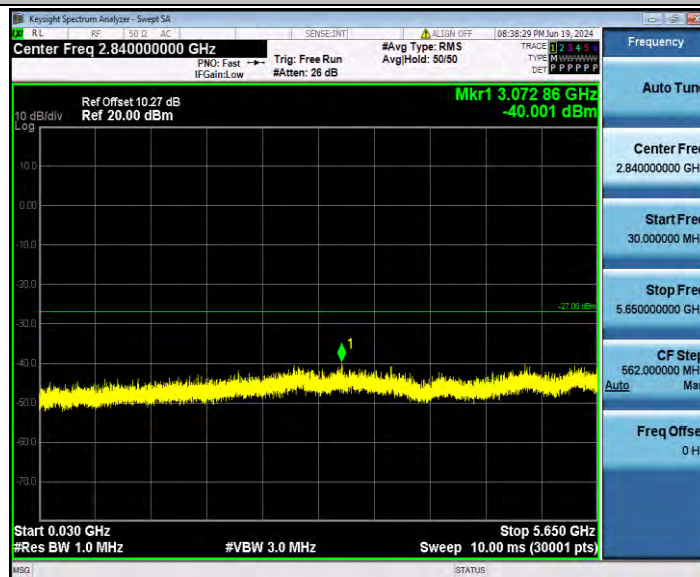
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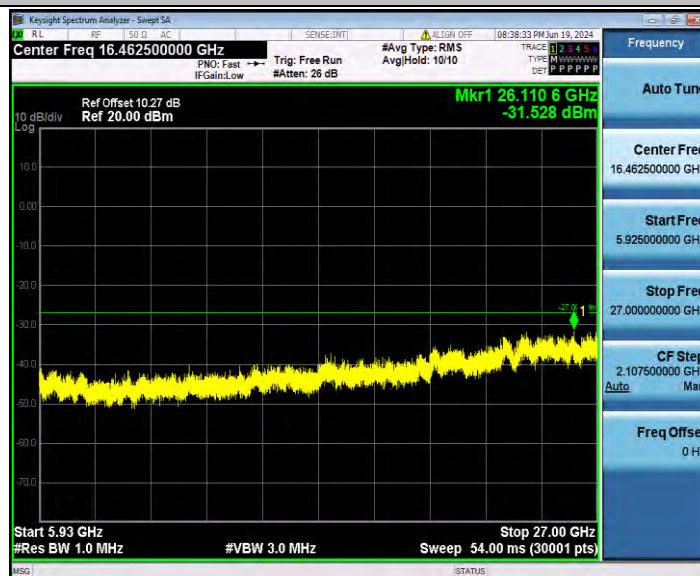
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



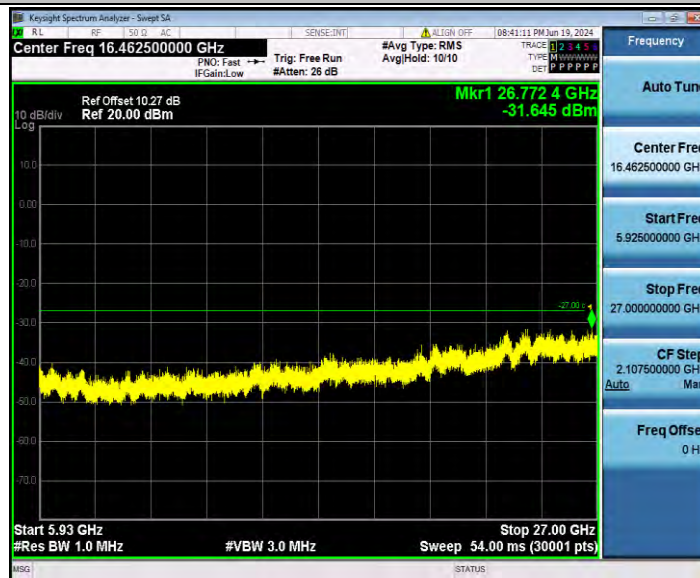
11N20SISO_Ant1_5785_5925~27000



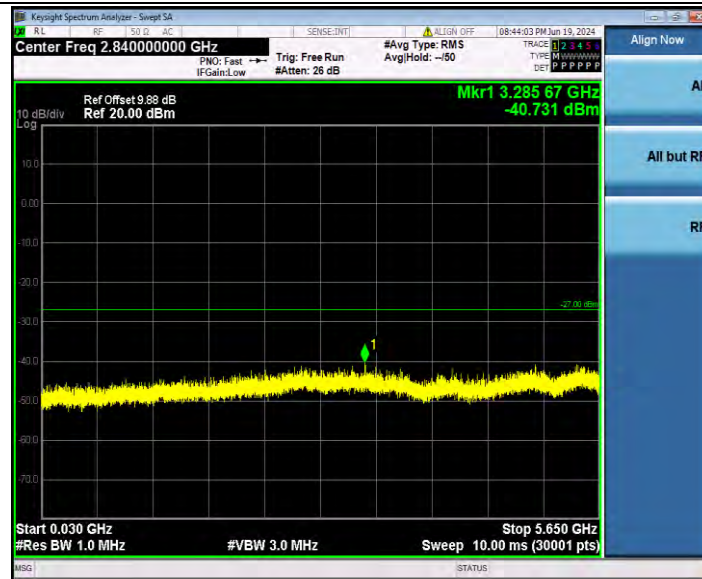
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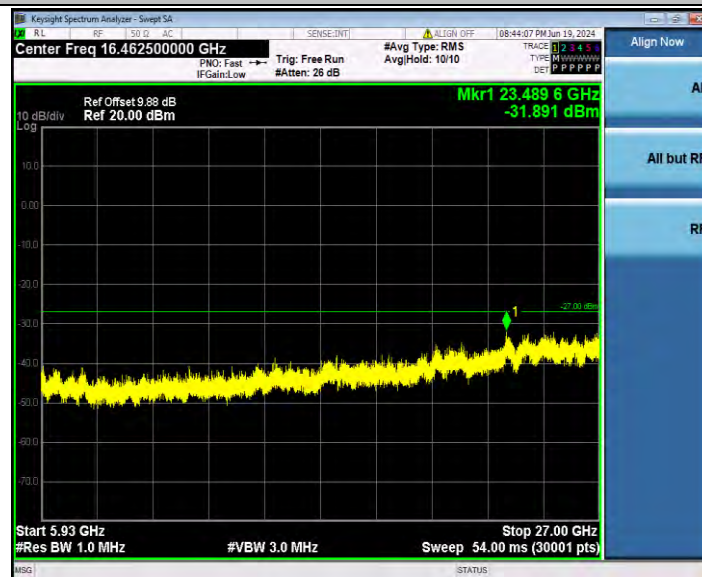
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



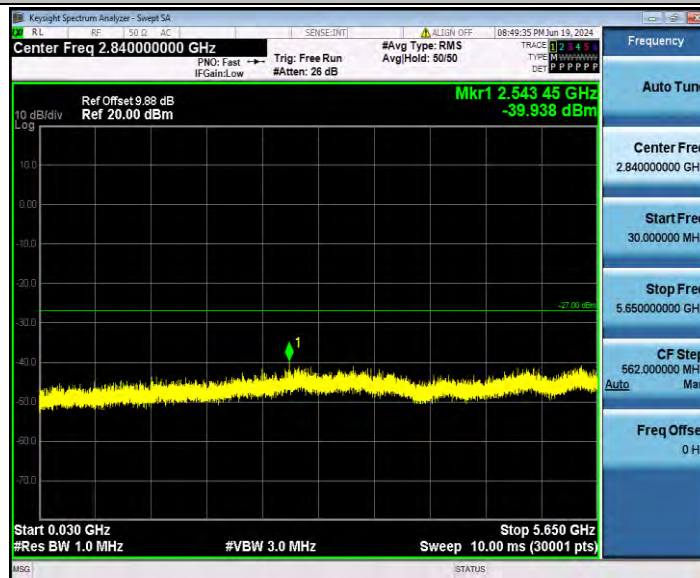
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



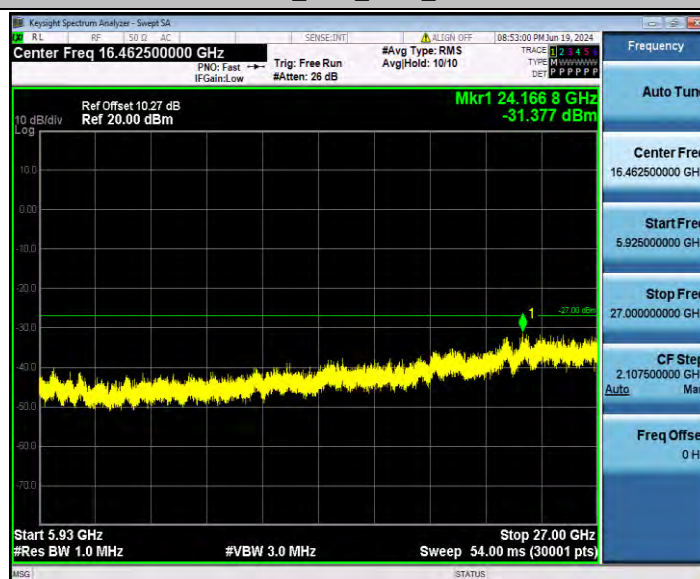
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



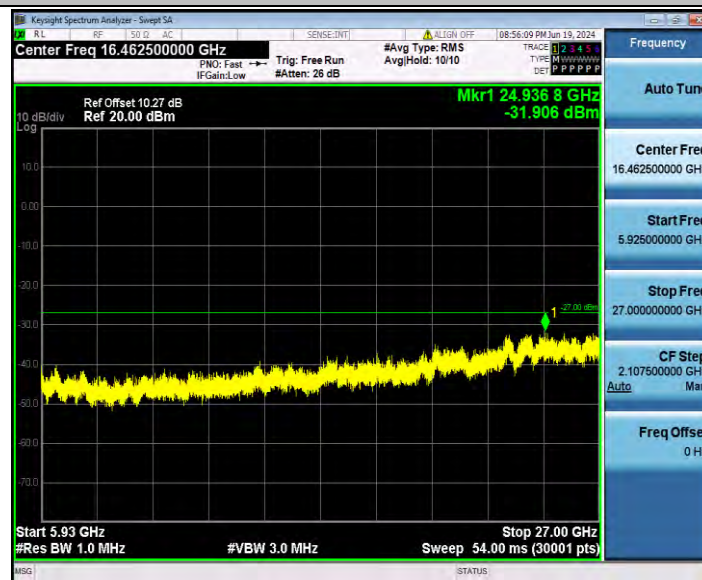
11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



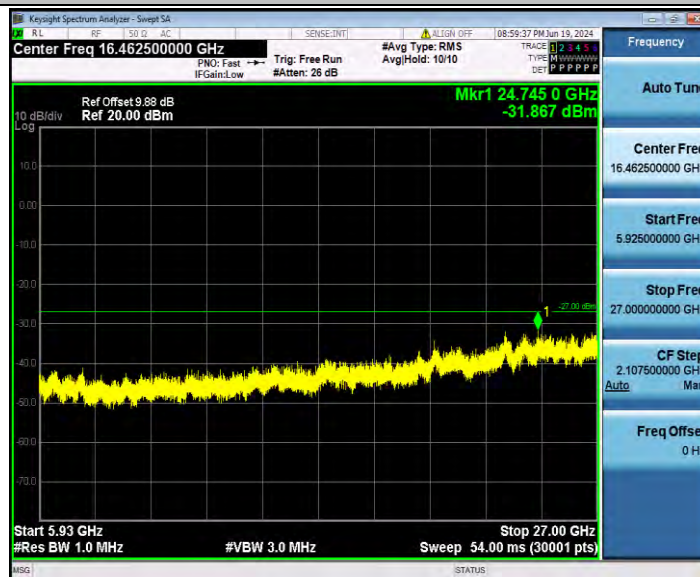
11AC20SISO_Ant1_5825_5925~27000



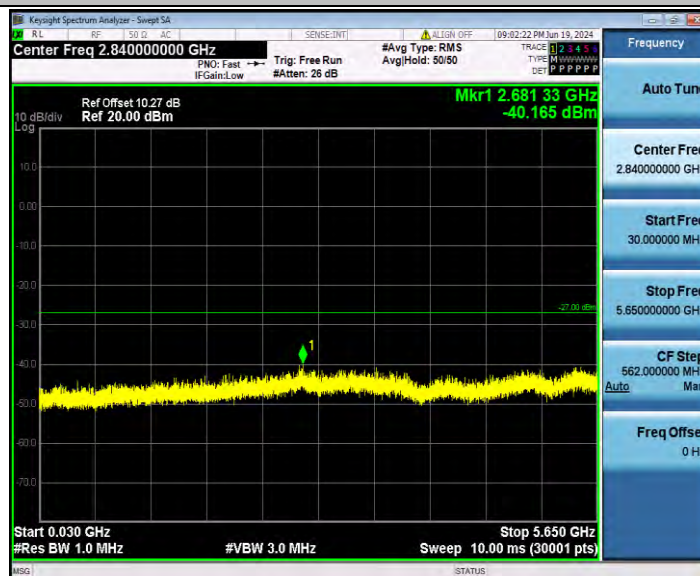
11AC40SISO_Ant1_5755_30~5650



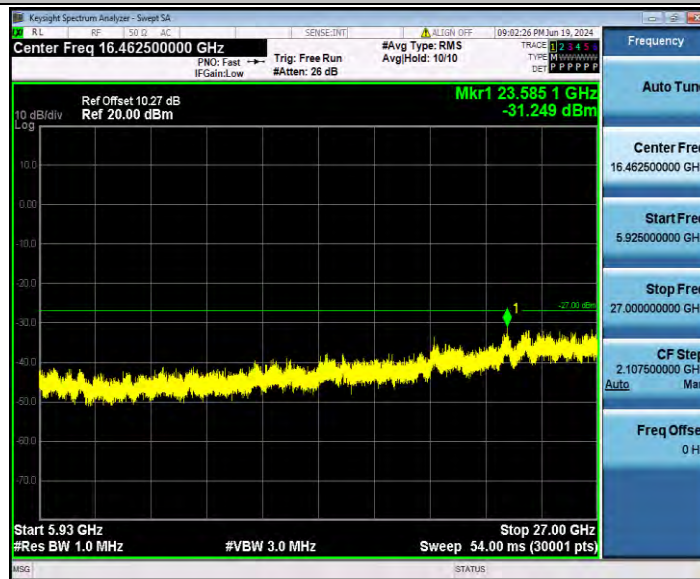
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000



Appendix G.8: Emissions in Restricted Bands

Test Result

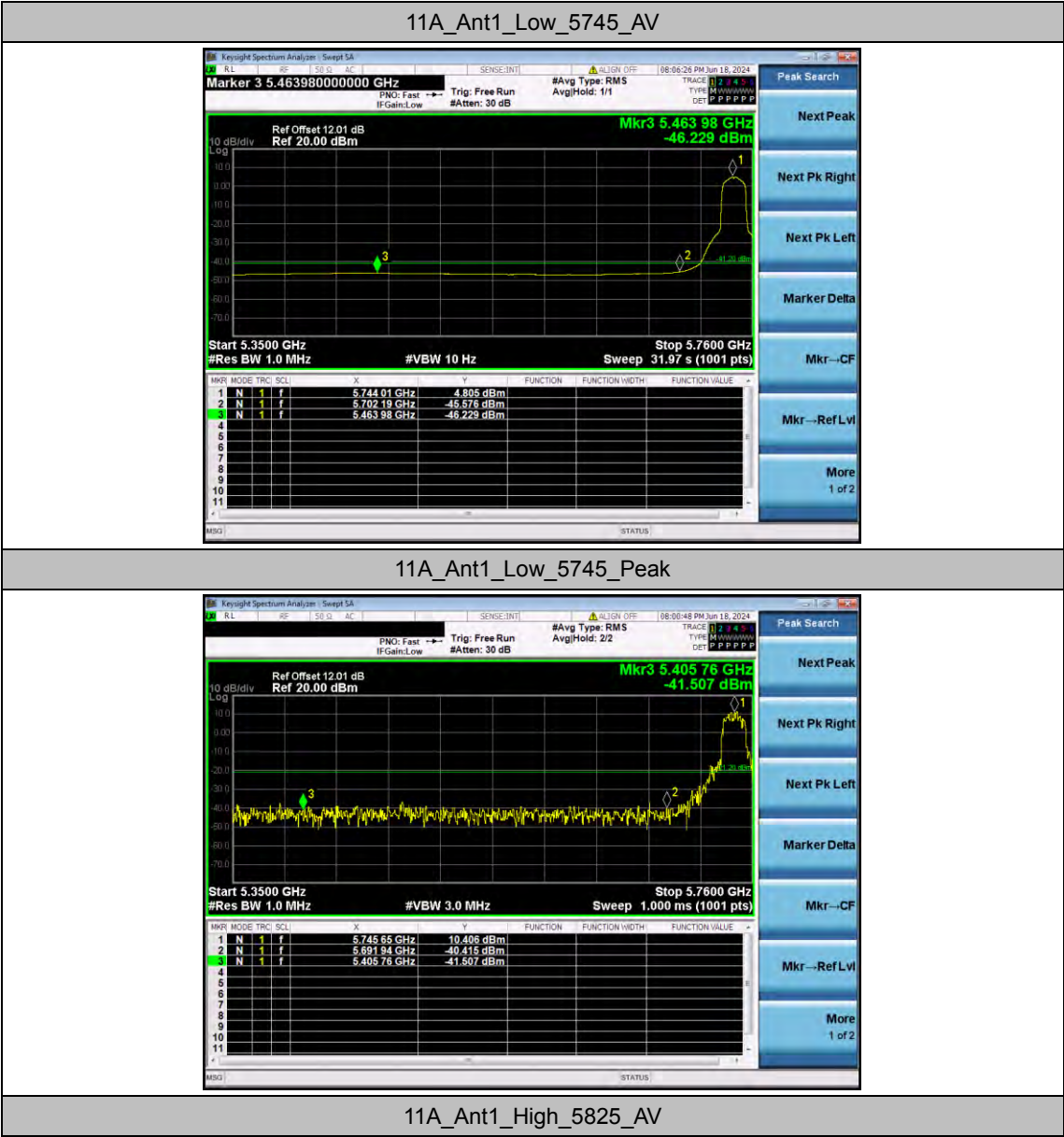
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5691.940	-40.42	≤-21.20	54.78	≤74	PASS
				Peak	5405.760	-41.51	≤-21.20	53.69	≤74	PASS
				AV	5702.190	-45.58	≤-41.20	49.62	≤54	PASS
				AV	5463.980	-46.23	≤-41.20	48.97	≤54	PASS
		High	5825	Peak	5975.500	-41.95	≤-21.20	53.25	≤74	PASS
				Peak	6886.150	-37.10	≤-21.20	58.10	≤74	PASS
				Peak	7541.350	-40.49	≤-21.20	54.71	≤74	PASS
				AV	5875.950	-44.45	≤-41.20	50.75	≤54	PASS
				AV	6589.000	-45.62	≤-41.20	49.58	≤54	PASS
				AV	7472.550	-45.39	≤-41.20	49.81	≤54	PASS
11N20SIS O	Ant1	Low	5745	Peak	5691.940	-40.34	≤-21.20	54.86	≤74	PASS
				Peak	5452.090	-40.79	≤-21.20	54.41	≤74	PASS
				AV	5712.850	-43.87	≤-41.20	51.33	≤54	PASS
				AV	5474.640	-46.26	≤-41.20	48.94	≤54	PASS
		High	5825	Peak	5998.900	-42.65	≤-21.20	52.55	≤74	PASS
				Peak	6925.150	-39.66	≤-21.20	55.54	≤74	PASS
				Peak	7514.050	-42.15	≤-21.20	53.05	≤74	PASS
				AV	5866.300	-44.20	≤-41.20	51.00	≤54	PASS
				AV	6463.000	-44.87	≤-41.20	50.33	≤54	PASS
				AV	7451.650	-45.37	≤-41.20	49.83	≤54	PASS
11N40SIS O	Ant1	Low	5755	Peak	5697.870	-41.64	≤-21.20	53.56	≤74	PASS
				Peak	5421.380	-41.52	≤-21.20	53.68	≤74	PASS
				AV	5703.890	-44.61	≤-41.20	50.59	≤54	PASS
				AV	5433.850	-46.24	≤-41.20	48.96	≤54	PASS
		High	5795	Peak	5884.840	-38.60	≤-21.20	56.60	≤74	PASS
				Peak	6464.980	-36.41	≤-21.20	58.79	≤74	PASS
				Peak	7320.340	-39.53	≤-21.20	55.67	≤74	PASS
				AV	5870.100	-44.59	≤-41.20	50.61	≤54	PASS
				AV	6577.300	-45.49	≤-41.20	49.71	≤54	PASS
				AV	7513.500	-45.35	≤-41.20	49.85	≤54	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5693.580	-40.07	≤-21.20	55.13	≤74	PASS
				Peak	5452.090	-43.33	≤-21.20	51.87	≤74	PASS
				AV	5712.440	-44.03	≤-41.20	51.17	≤54	PASS
				AV	5474.230	-46.27	≤-41.20	48.93	≤54	PASS
		High	5825	Peak	6002.800	-42.52	≤-21.20	52.68	≤74	PASS
				Peak	6340.150	-35.88	≤-21.20	59.32	≤74	PASS

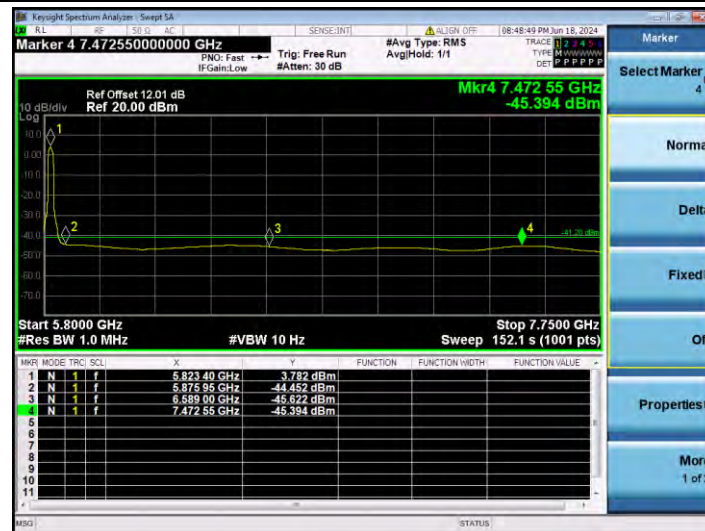
				Peak	7484.800	-39.19	≤ -21.20	56.01	≤ 74	PASS
				AV	5874.100	-44.31	≤ -41.20	50.89	≤ 54	PASS
				AV	6453.250	-44.83	≤ -41.20	50.37	≤ 54	PASS
				AV	7420.450	-45.74	≤ -41.20	49.46	≤ 54	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5703.030	-40.27	≤ -21.20	54.93	≤ 74	PASS
				Peak	5415.360	-37.59	≤ -21.20	57.61	≤ 74	PASS
				AV	5697.870	-45.52	≤ -41.20	49.68	≤ 54	PASS
				AV	5447.180	-46.21	≤ -41.20	48.99	≤ 54	PASS
		High	5795	Peak	5833.360	-31.60	≤ -21.20	63.60	≤ 74	PASS
				Peak	6490.720	-35.70	≤ -21.20	59.50	≤ 74	PASS
				Peak	7461.040	-38.37	≤ -21.20	56.83	≤ 74	PASS
				AV	5848.320	-43.49	≤ -41.20	51.71	≤ 54	PASS
				AV	6567.400	-45.37	≤ -41.20	49.83	≤ 54	PASS
				AV	7483.800	-45.36	≤ -41.20	49.84	≤ 54	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5669.950	-47.75	≤ -21.20	47.45	≤ 74	PASS
				Peak	5439.100	-42.14	≤ -21.20	53.06	≤ 74	PASS
				AV	5669.950	-45.48	≤ -41.20	49.72	≤ 54	PASS
				AV	5439.100	-46.22	≤ -41.20	48.98	≤ 54	PASS
		High	5775	Peak	5818.000	-29.82	≤ -21.20	65.38	≤ 74	PASS
				Peak	6478.000	-36.05	≤ -21.20	59.15	≤ 74	PASS
				Peak	7382.000	-38.28	≤ -21.20	56.92	≤ 74	PASS
				AV	5880.000	-44.09	≤ -41.20	51.11	≤ 54	PASS
				AV	6508.000	-45.04	≤ -41.20	50.16	≤ 54	PASS
				AV	7430.000	-45.68	≤ -41.20	49.52	≤ 54	PASS

Note:

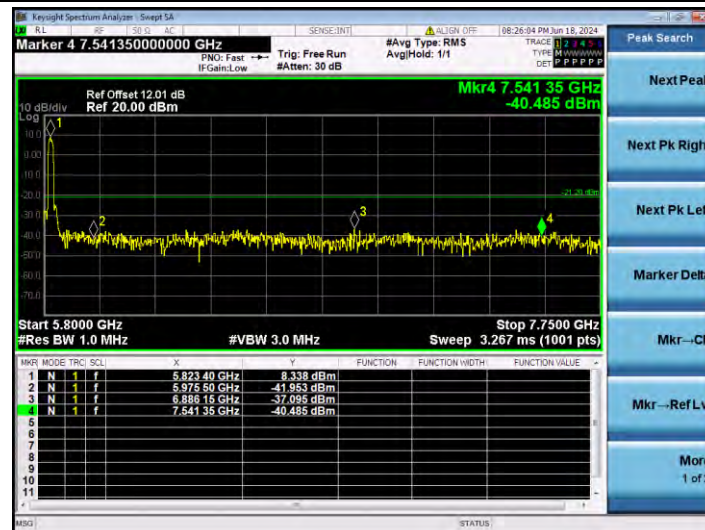
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

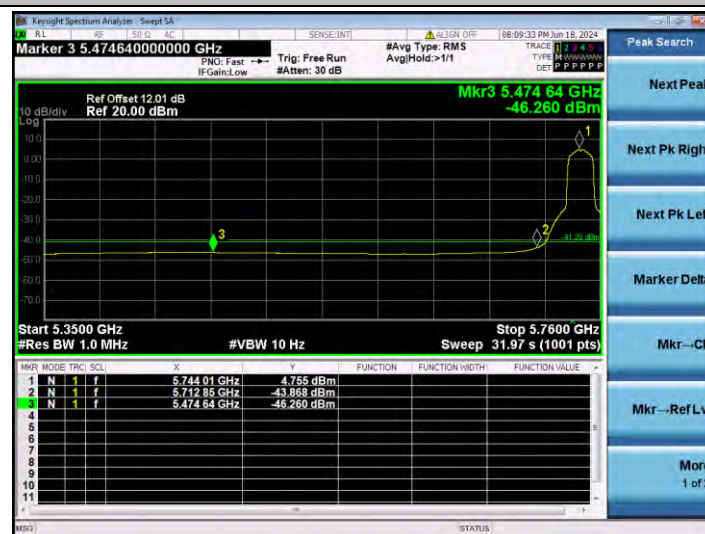




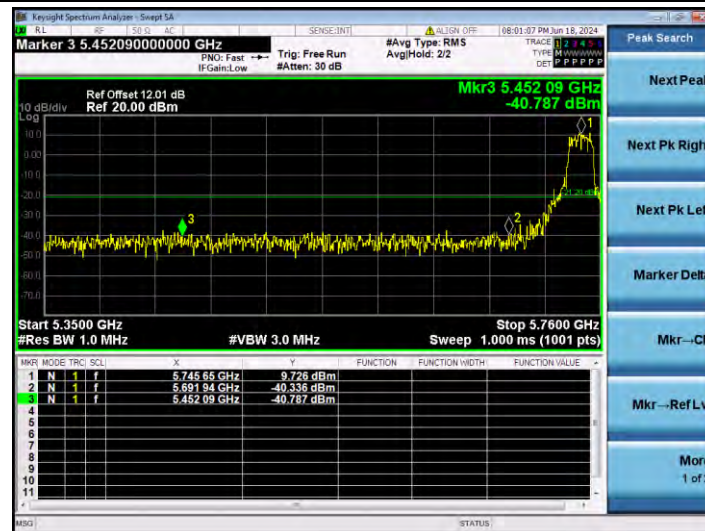
11A_Ant1_High_5825_Peak



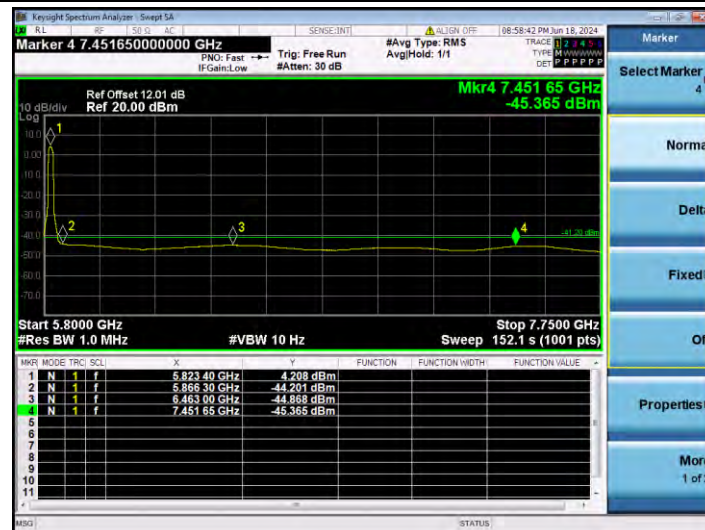
11N20SISO_Ant1_Low_5745_AV



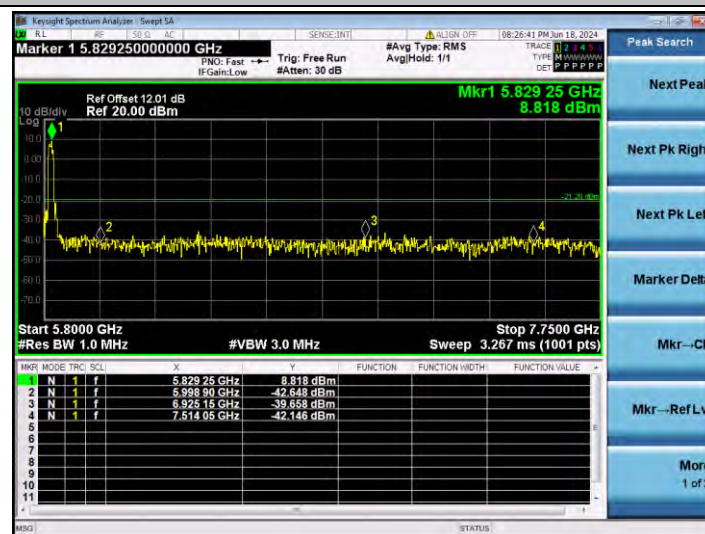
11N20SISO_Ant1_Low_5745_Peak



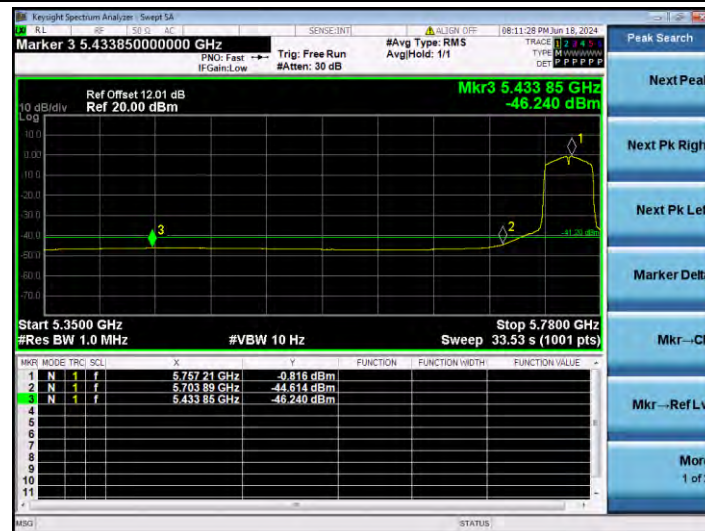
11N20SISO_Ant1_High_5825_AV



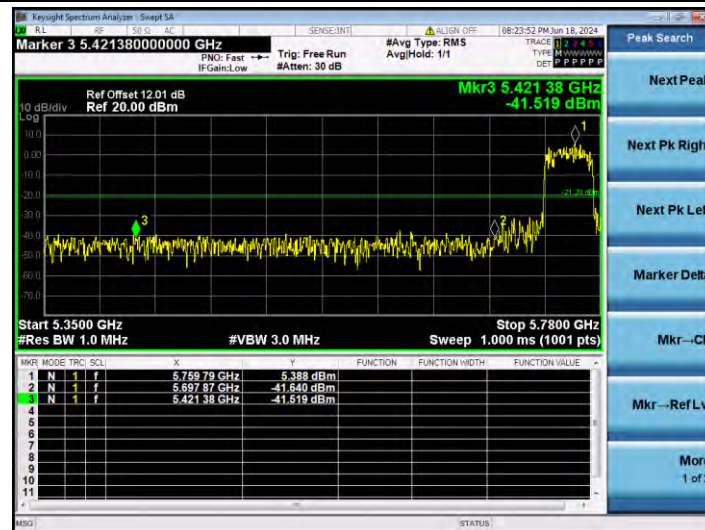
11N20SISO_Ant1_High_5825_Peak



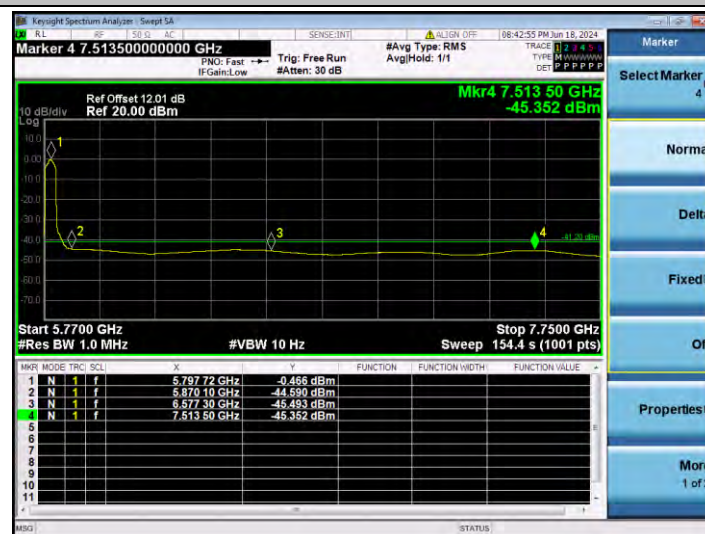
11N40SISO_Ant1_Low_5755_AV



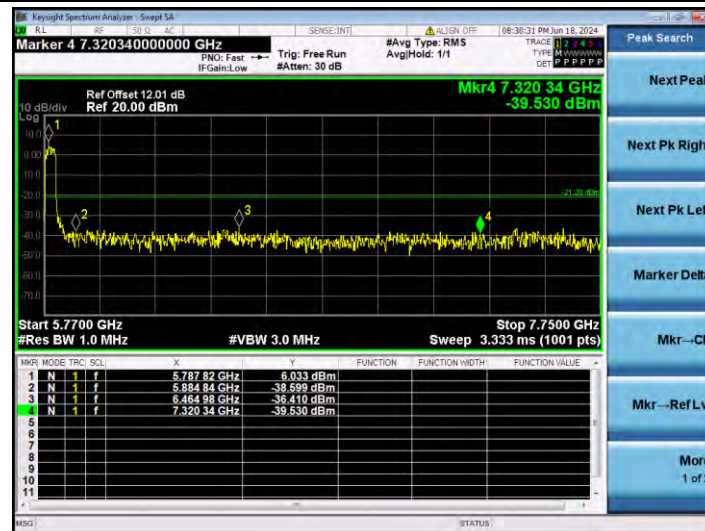
11N40SISO_Ant1_Low_5755_Peak



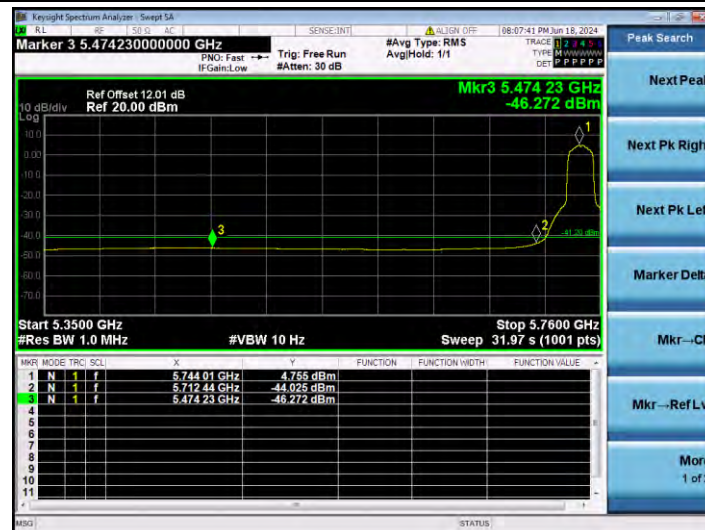
11N40SISO_Ant1_High_5795_AV



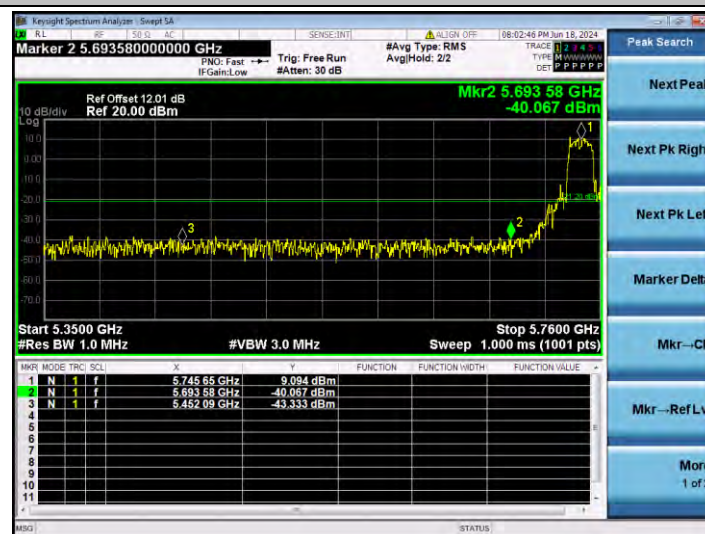
11N40SISO_Ant1_High_5795_Peak



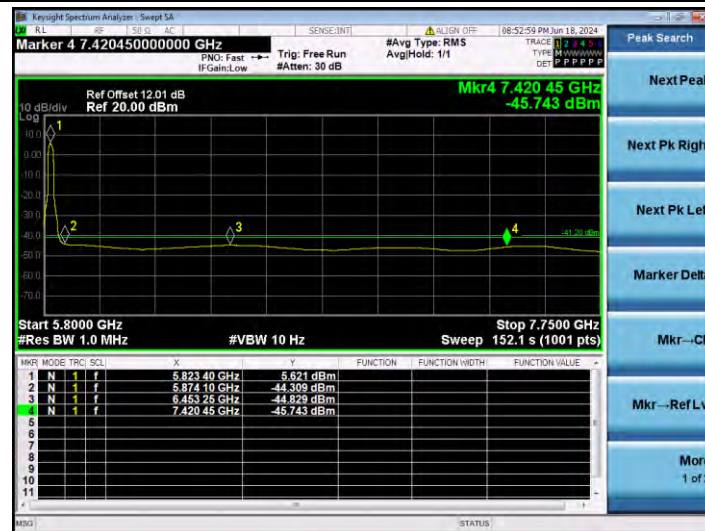
11AC20SISO_Ant1_Low_5745_AV



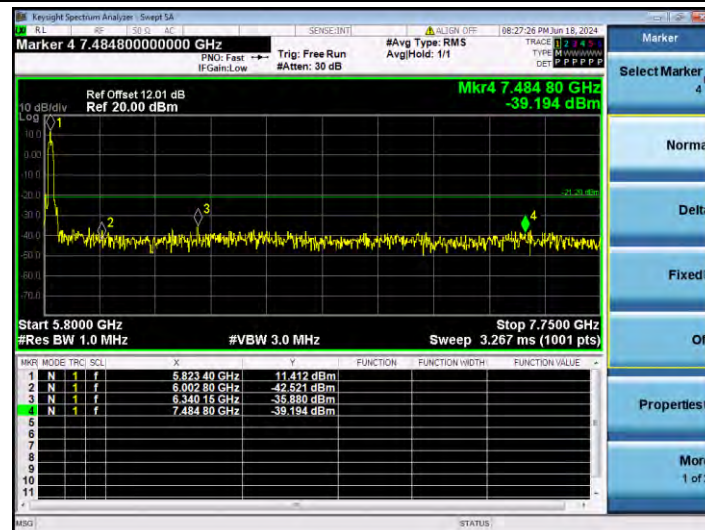
11AC20SISO_Ant1_Low_5745_Peak



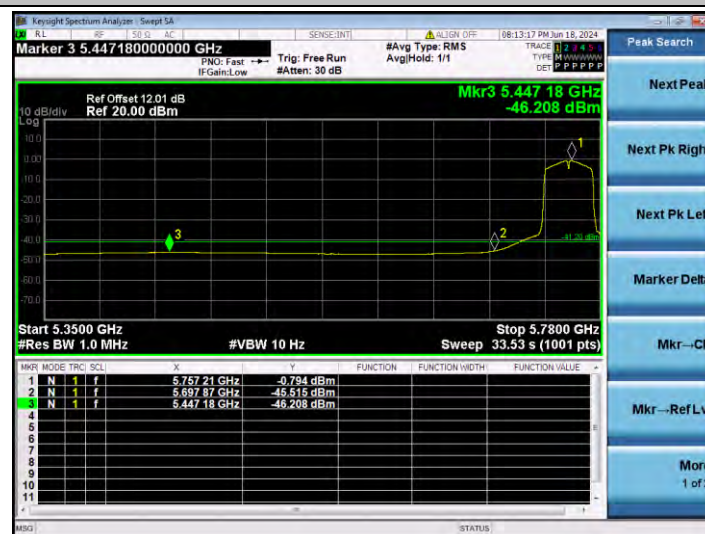
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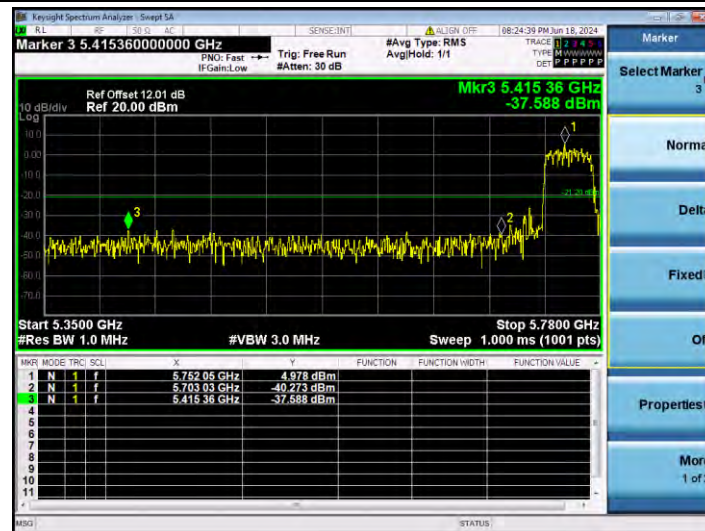
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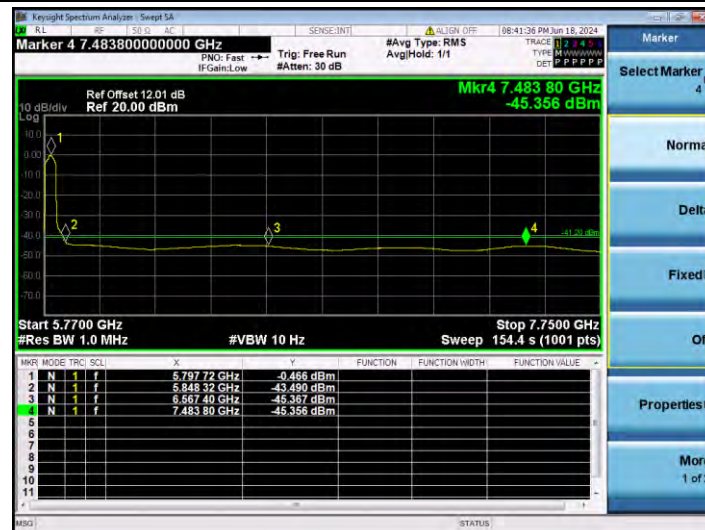
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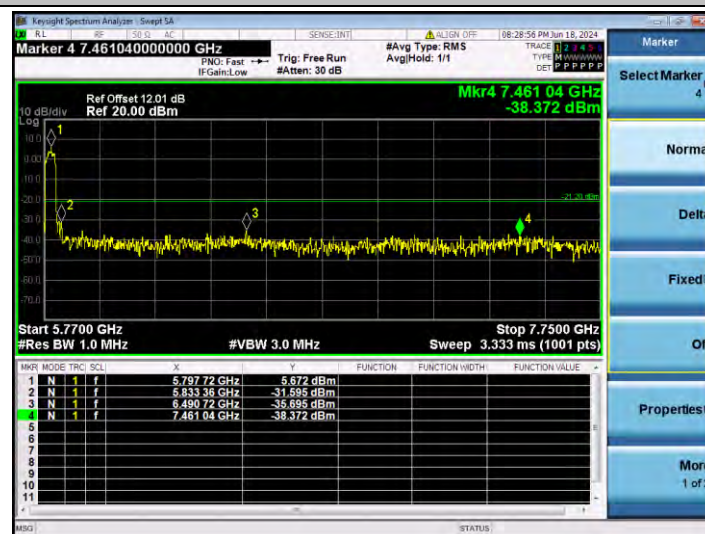
11AC40SISO_Ant1_Low_5755_Peak



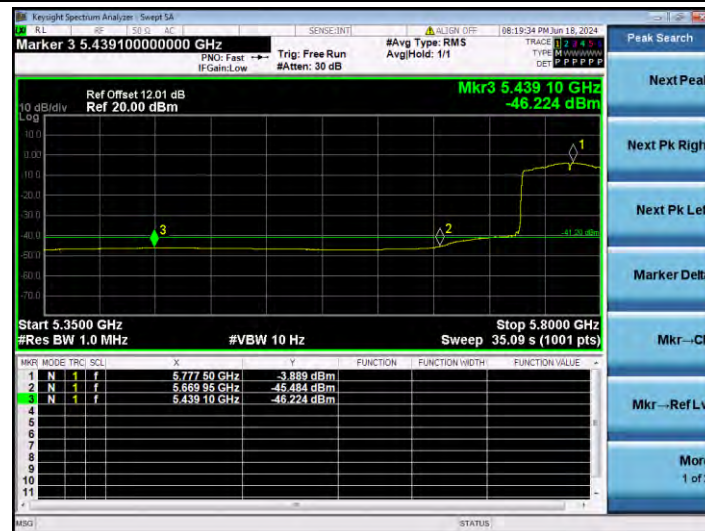
11AC40SISO_Ant1_High_5795_AV



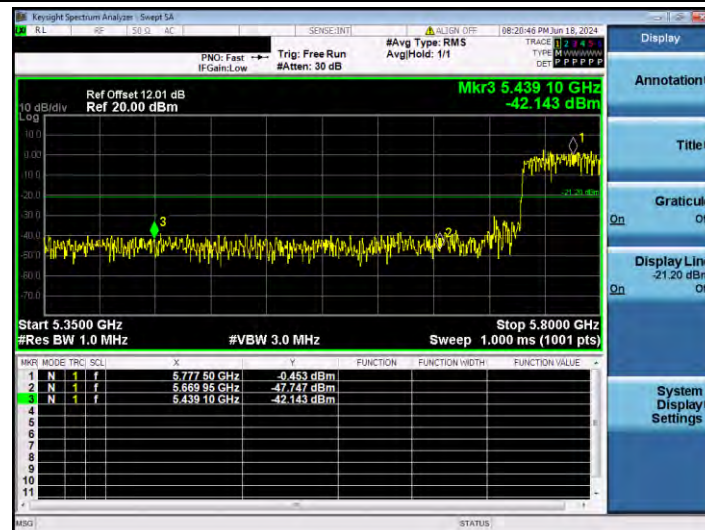
11AC40SISO_Ant1_High_5795_Peak



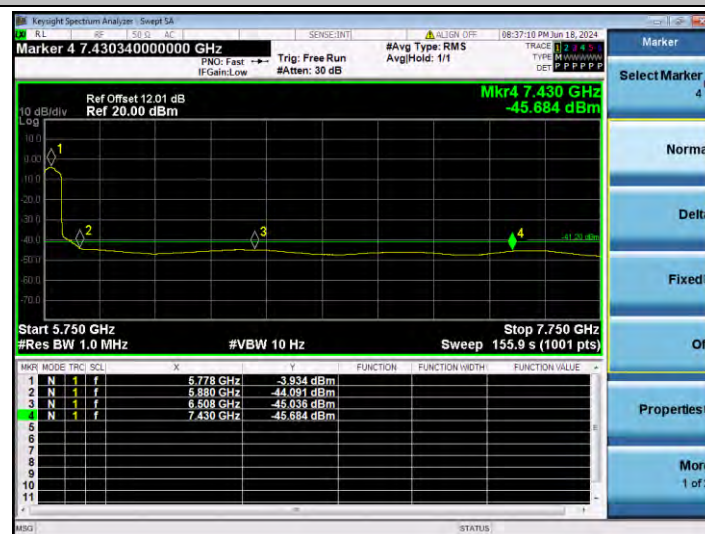
11AC80SISO_Ant1_Low_5775_AV



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_AV



11AC80SISO_Ant1_High_5775_Peak

