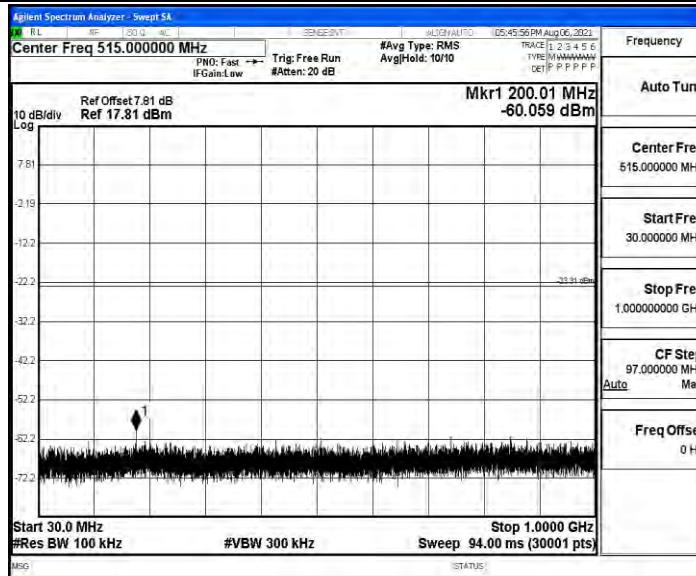
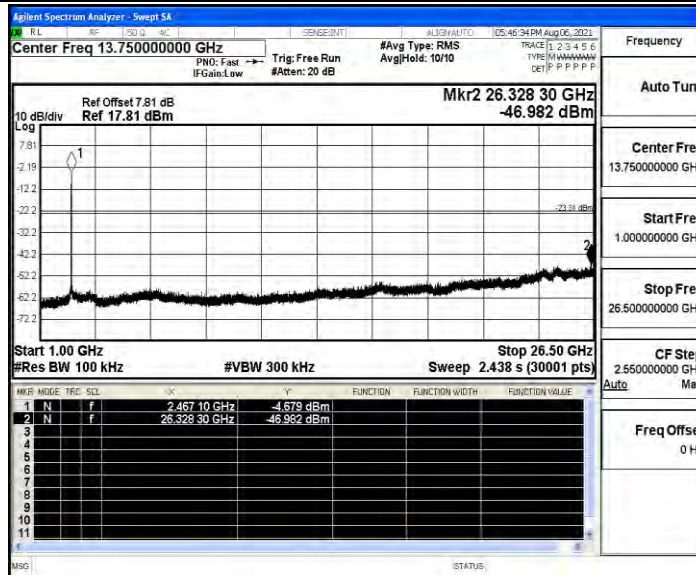




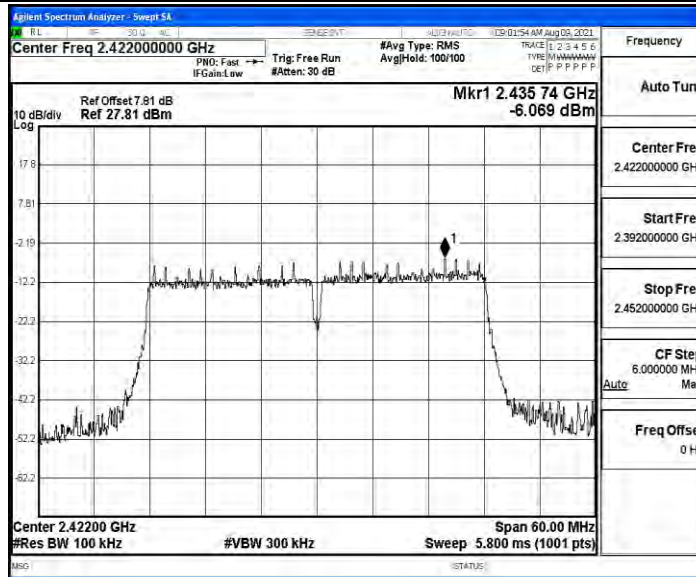
11N20SISO_ANT1_2462_30~1000



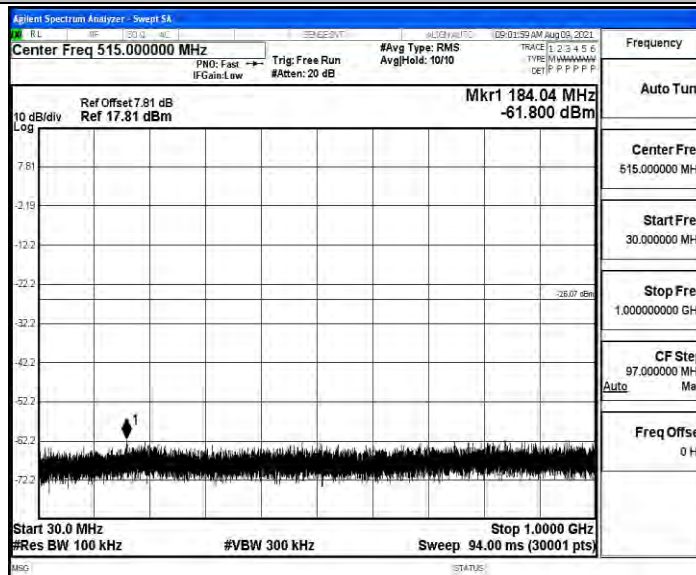
11N20SISO_ANT1_2462_1000~26500



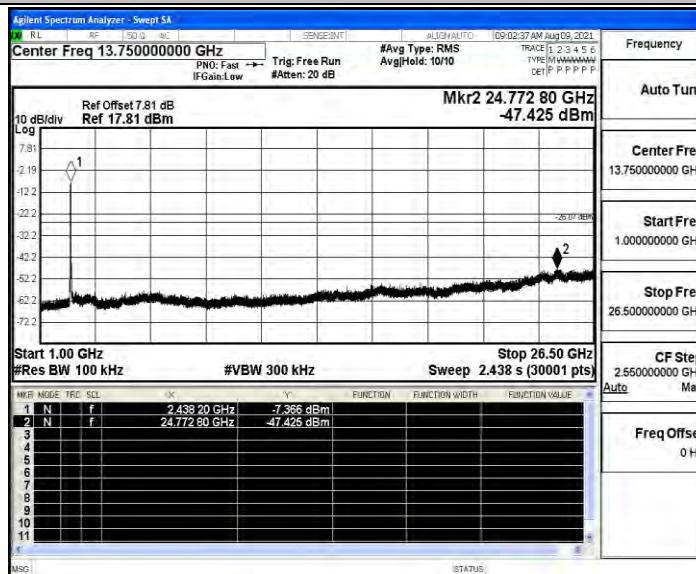
11N40SISO_ANT1_2422_0~Reference



11N40SISO_ANT1_2422_30~1000

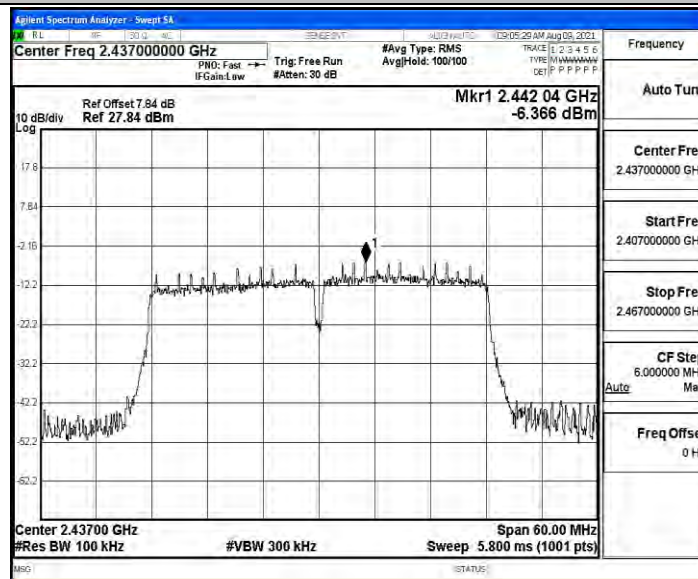


11N40SISO_ANT1_2422_1000~26500

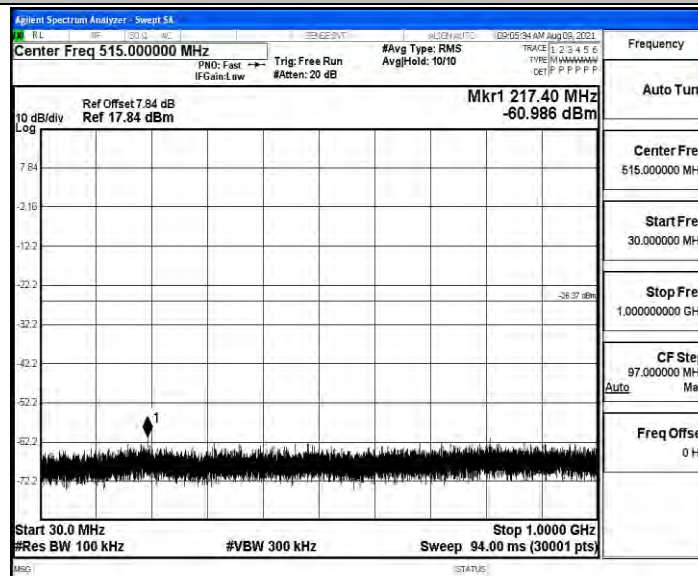




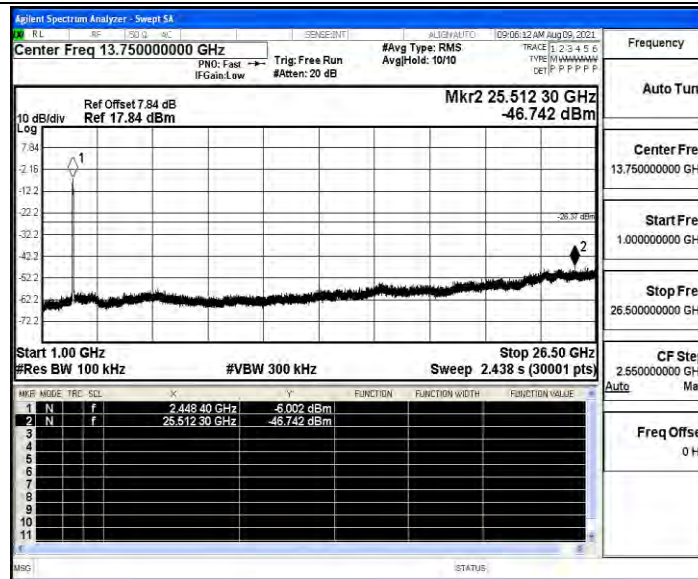
11N40SISO_ANT1_2437_0~Reference



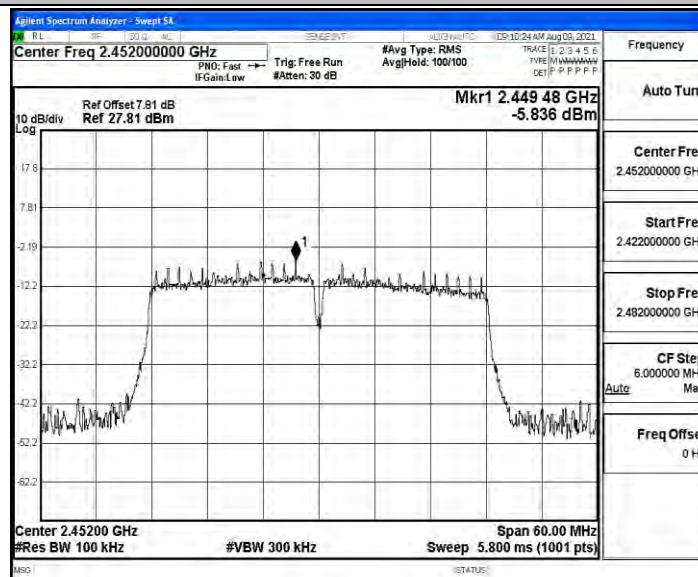
11N40SISO_ANT1_2437_30~1000



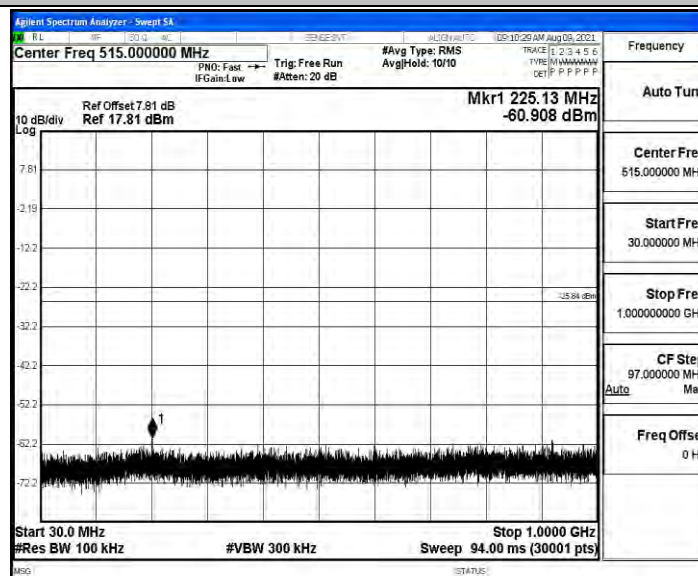
11N40SISO_ANT1_2437_1000~26500



11N40SISO_ANT1_2452_0~Reference

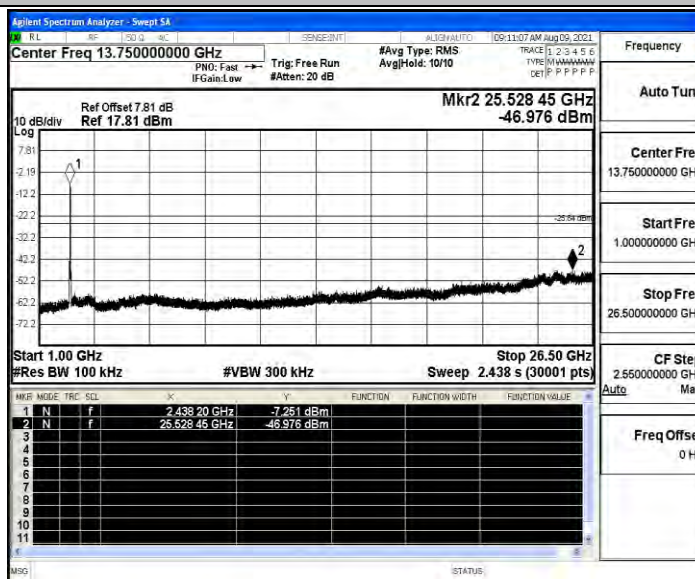


11N40SISO_ANT1_2452_30~1000





11N40SISO_ANT1_2452_1000~26500



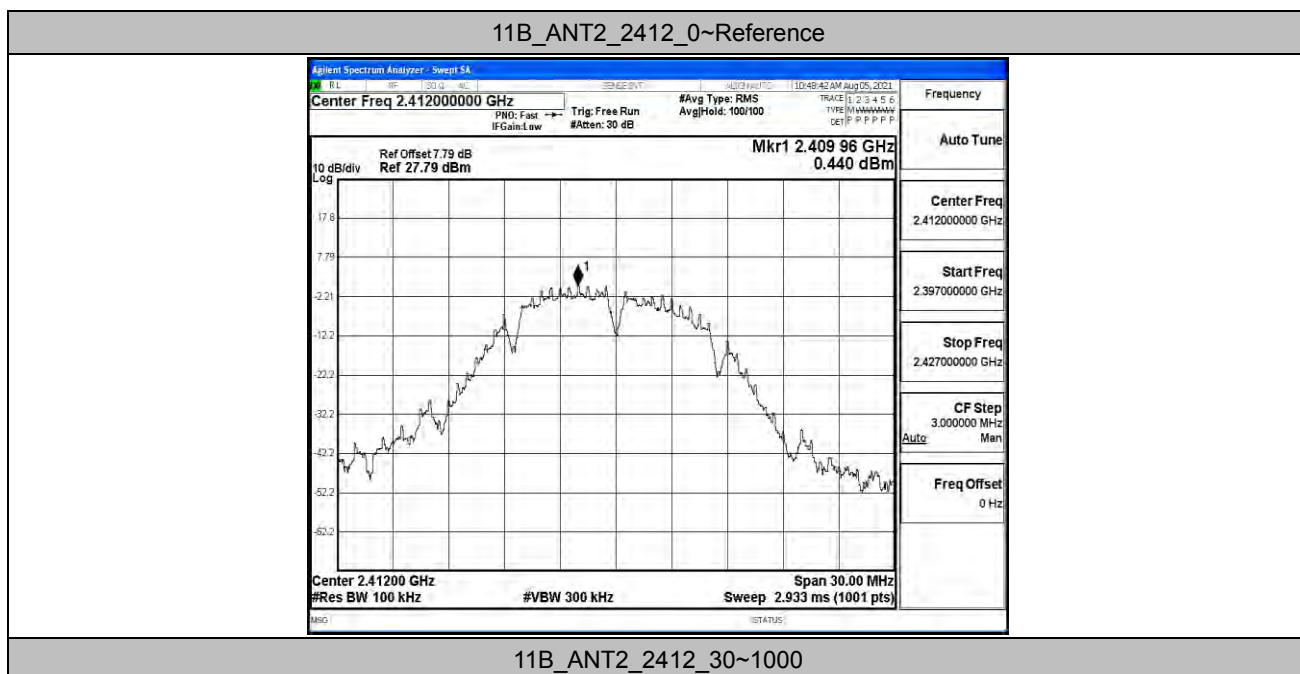
ANT2

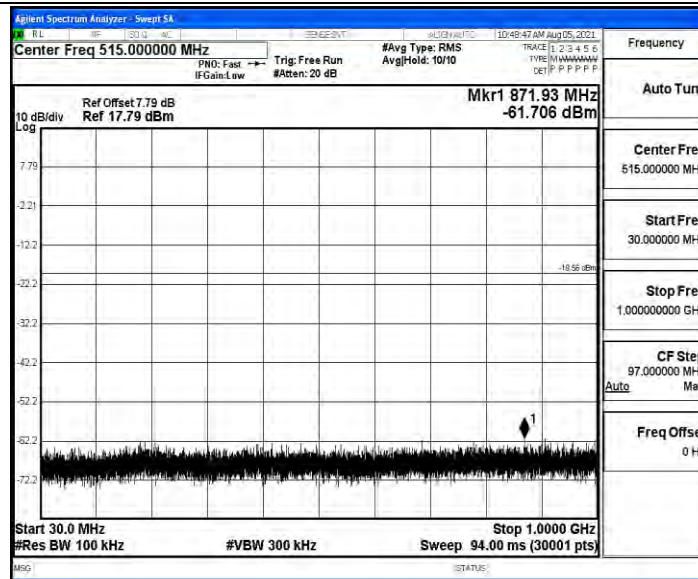
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	ANT2	2412	Reference	0.44	0.44	---	PASS
			30~1000	0.44	-61.71	≤-19.56	PASS
			1000~26500	0.44	-46.23	≤-19.56	PASS
		2437	Reference	0.70	0.70	---	PASS
			30~1000	0.70	-61.54	≤-19.3	PASS
			1000~26500	0.70	-47.44	≤-19.3	PASS
		2462	Reference	0.56	0.56	---	PASS
			30~1000	0.56	-61.55	≤-19.44	PASS
			1000~26500	0.56	-47.71	≤-19.44	PASS
11G	ANT2	2412	Reference	-4.78	-4.78	---	PASS
			30~1000	-4.78	-61.17	≤-24.78	PASS
			1000~26500	-4.78	-46.77	≤-24.78	PASS
		2437	Reference	-6.94	-6.94	---	PASS
			30~1000	-6.94	-61.55	≤-26.94	PASS
			1000~26500	-6.94	-47.69	≤-26.94	PASS
		2462	Reference	-5.98	-5.98	---	PASS
			30~1000	-5.98	-62.11	≤-25.98	PASS
			1000~26500	-5.98	-47.58	≤-25.98	PASS
11N20SISO	ANT2	2412	Reference	-5.72	-5.72	---	PASS
			30~1000	-5.72	-61.94	≤-25.72	PASS
			1000~26500	-5.72	-47.46	≤-25.72	PASS
		2437	Reference	-7.35	-7.35	---	PASS
			30~1000	-7.35	-61.86	≤-27.35	PASS
			1000~26500	-7.35	-47.77	≤-27.35	PASS



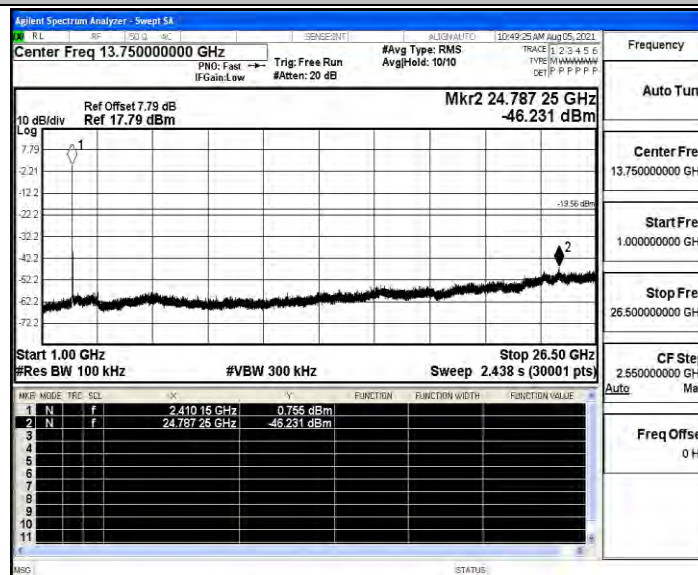
		2462	Reference	-7.25	-7.25	---	PASS
			30~1000	-7.25	-61.71	≤-27.25	PASS
			1000~26500	-7.25	-47.72	≤-27.25	PASS
11N40SISO	ANT2	2422	Reference	-6.16	-6.16	---	PASS
			30~1000	-6.16	-62.22	≤-26.16	PASS
			1000~26500	-6.16	-47.55	≤-26.16	PASS
		2437	Reference	-5.89	-5.89	---	PASS
			30~1000	-5.89	-61.66	≤-25.89	PASS
			1000~26500	-5.89	-46.75	≤-25.89	PASS
		2452	Reference	-7.48	-7.48	---	PASS
			30~1000	-7.48	-61.22	≤-27.48	PASS
			1000~26500	-7.48	-47.5	≤-27.48	PASS

Test Graphs

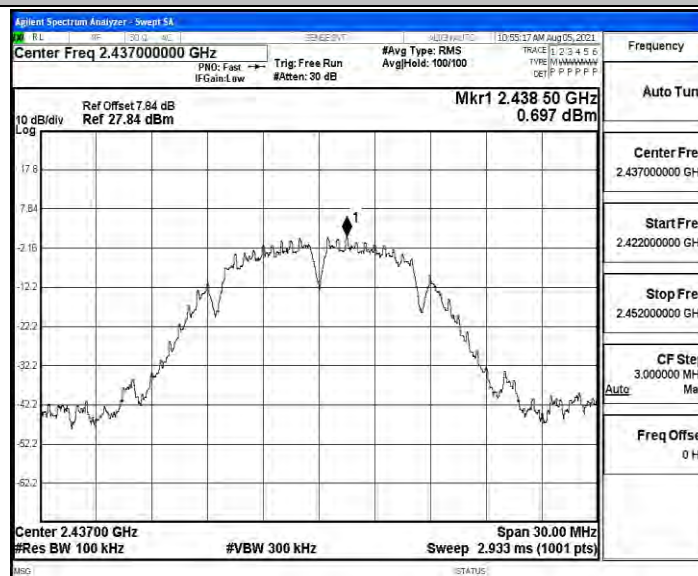




11B_ANT2_2412_1000~26500

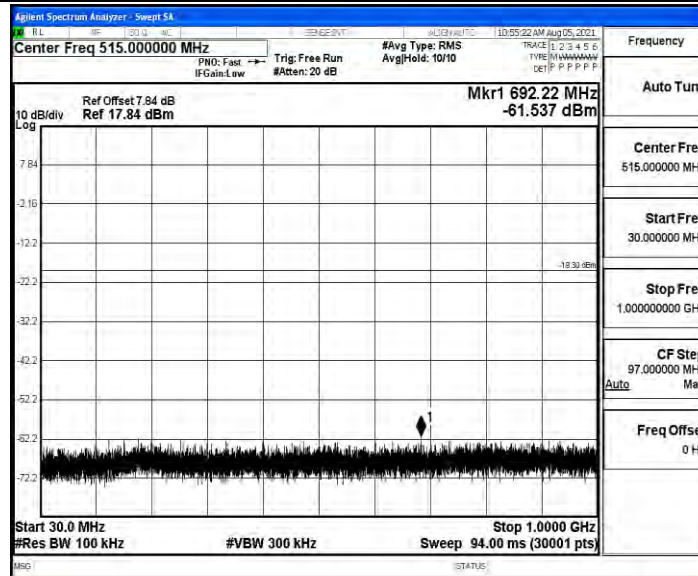


11B_ANT2_2437_0~Reference

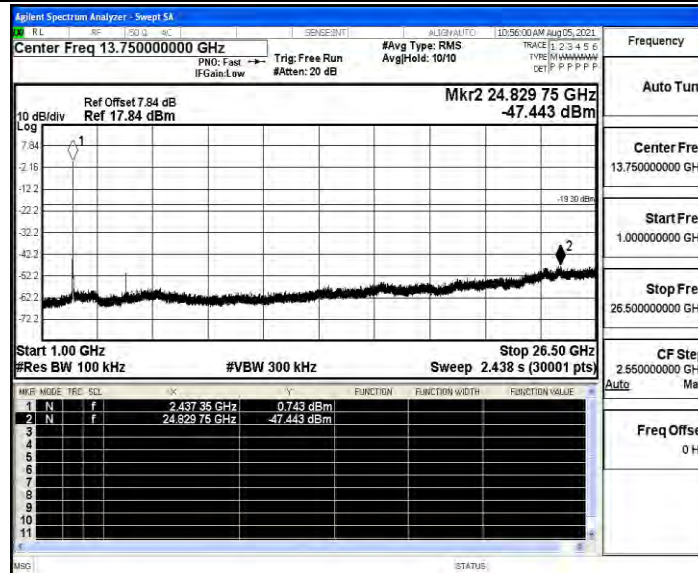




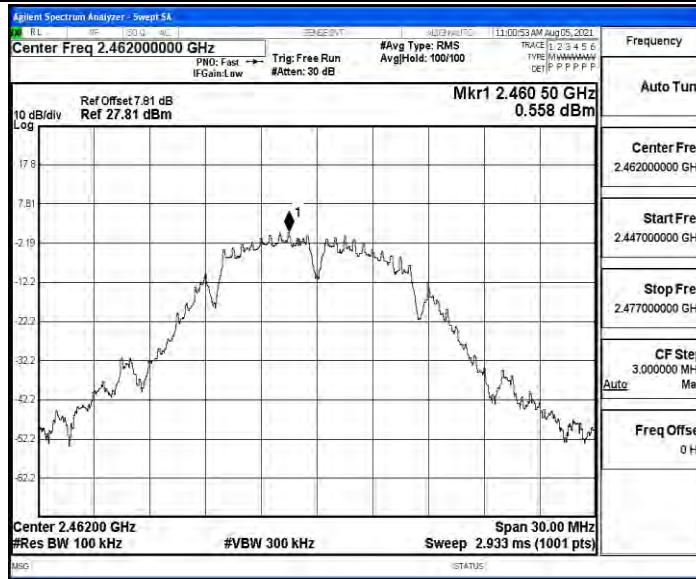
11B_ANT2_2437_30~1000



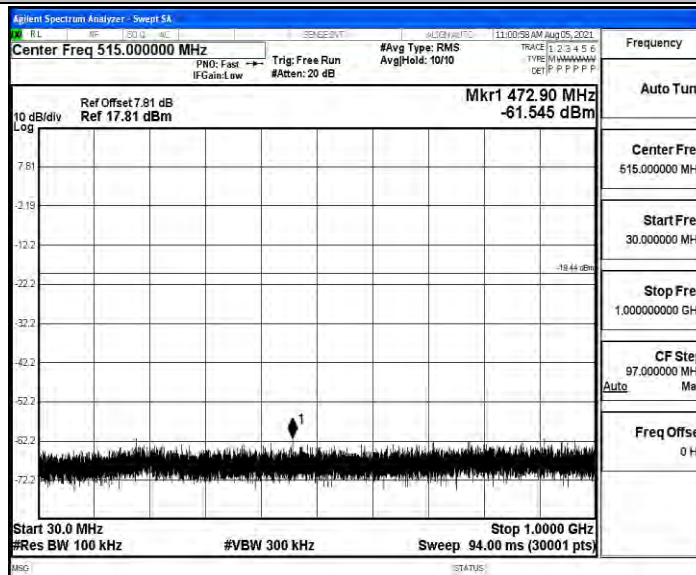
11B_ANT2_2437_1000~26500



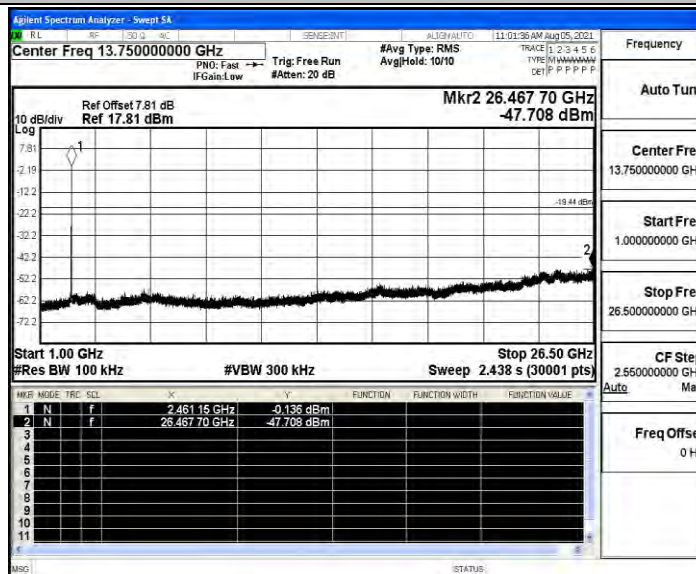
11B_ANT2_2462_0~Reference



11B_ANT2_2462_30~1000

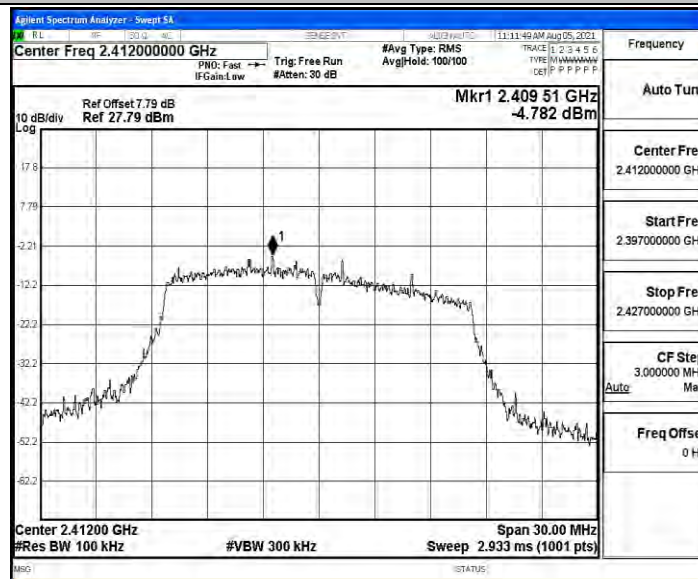


11B_ANT2_2462_1000~26500

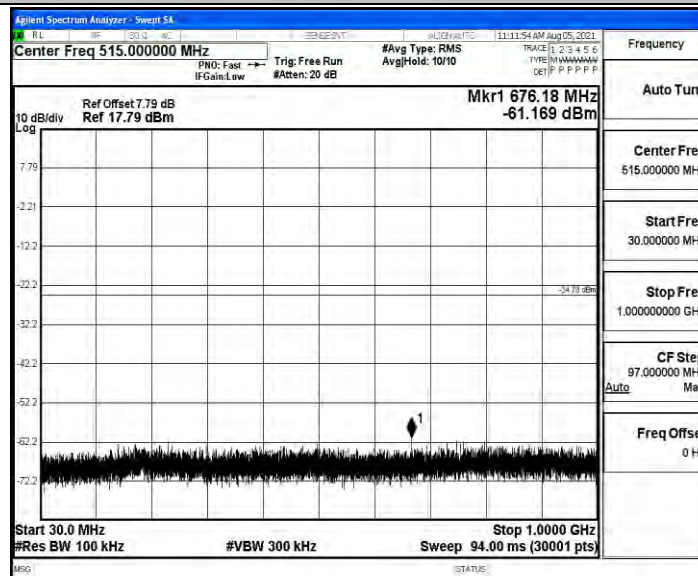




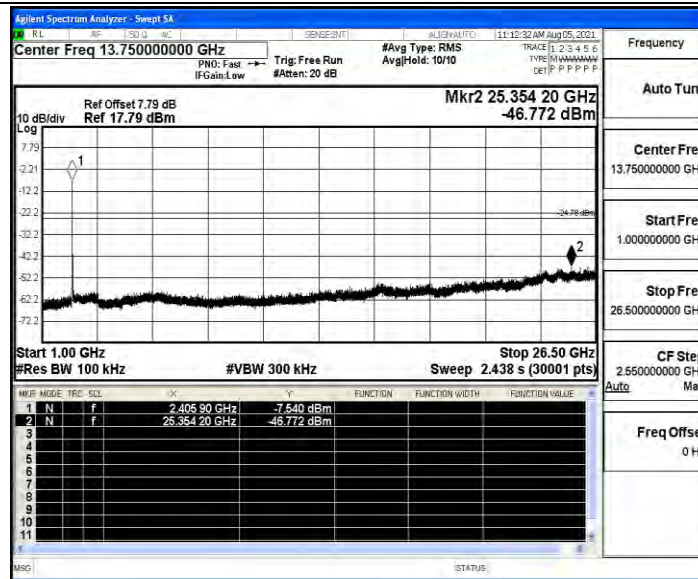
11G_ANT2_2412_0~Reference



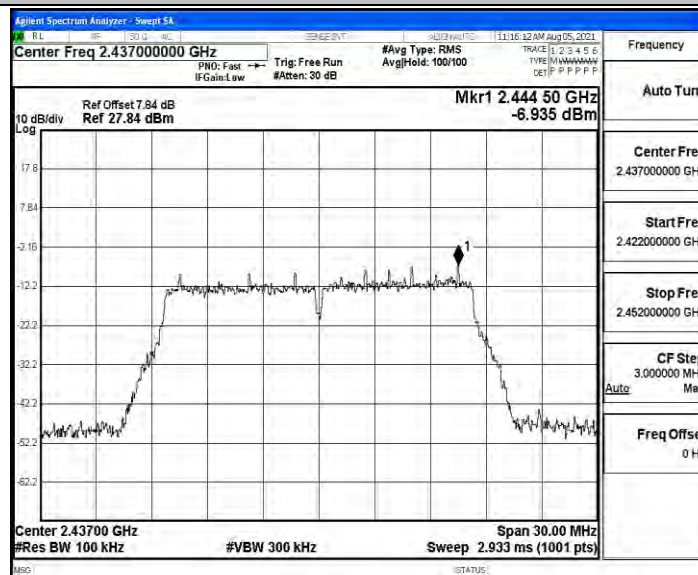
11G_ANT2_2412_30~1000



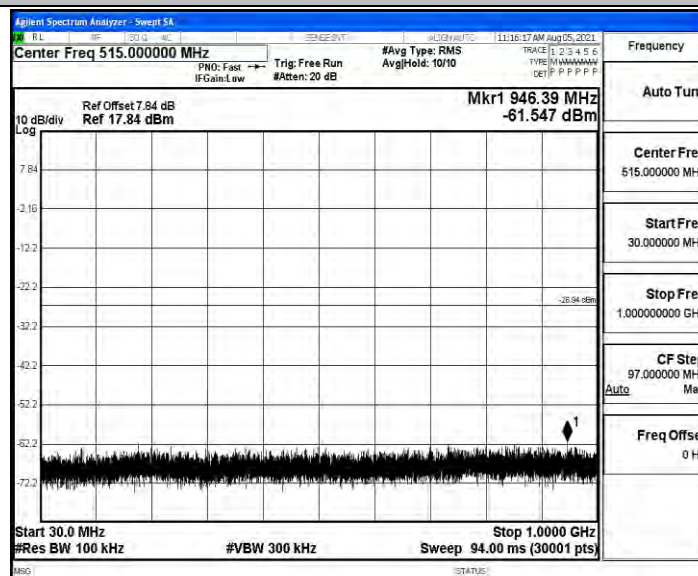
11G_ANT2_2412_1000~26500



11G_ANT2_2437_0~Reference

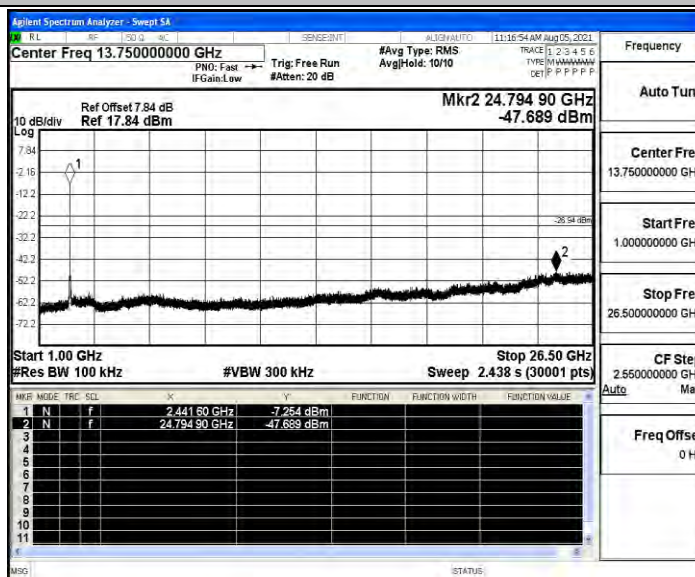


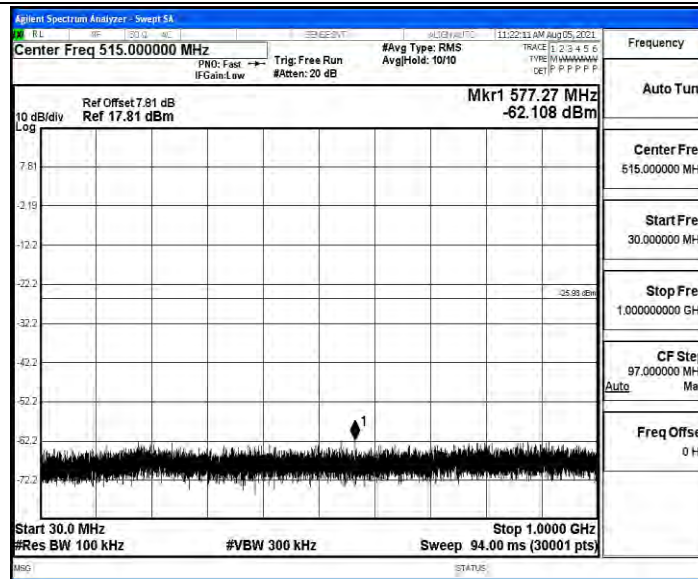
11G_ANT2_2437_30~1000



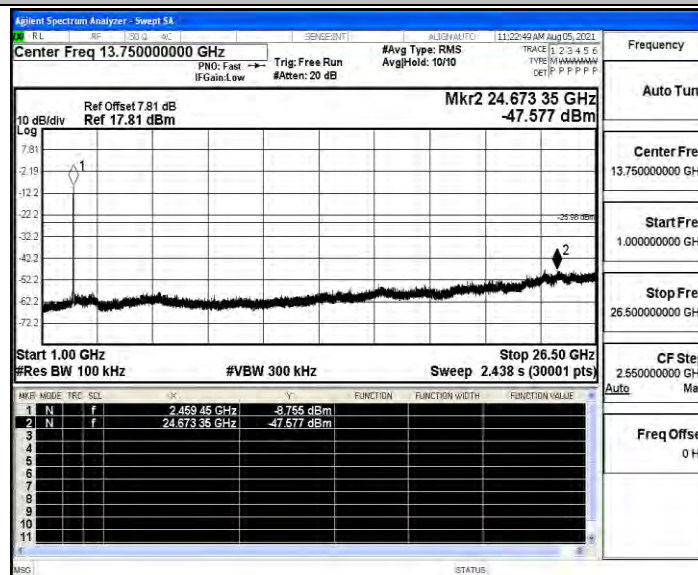


11G ANT2 2437 1000~26500

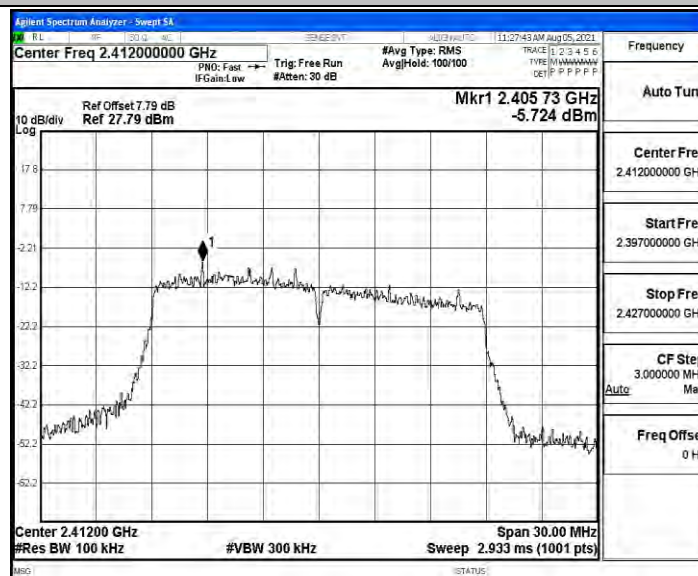




11G_ANT2_2462_1000~26500

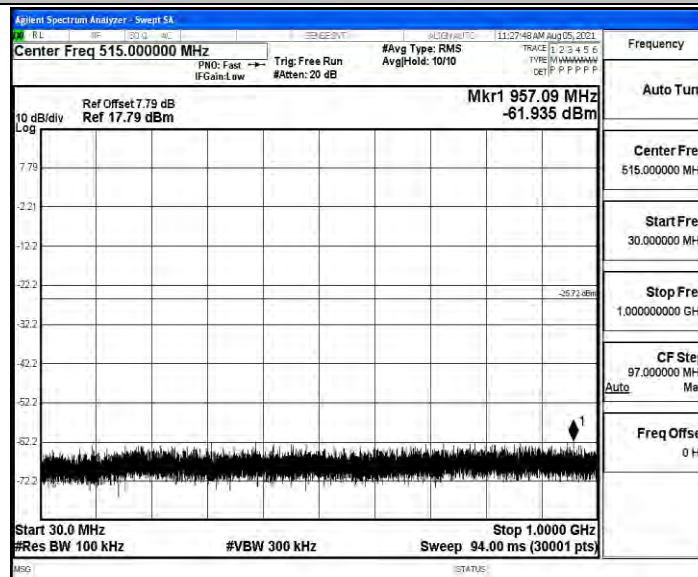


11N20SISO_ANT2_2412_0~Reference

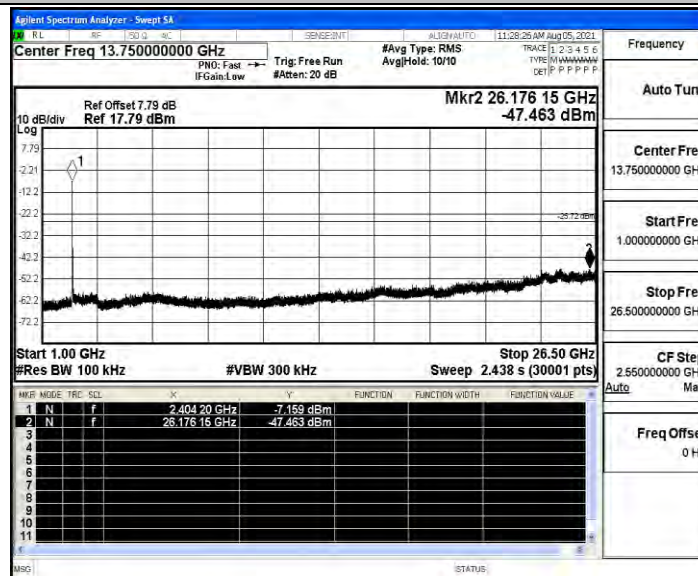




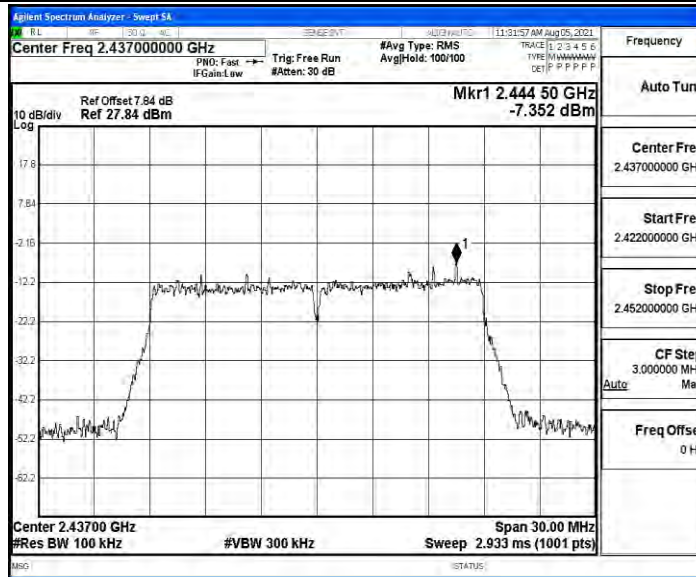
11N20SISO_ANT2_2412_30~1000



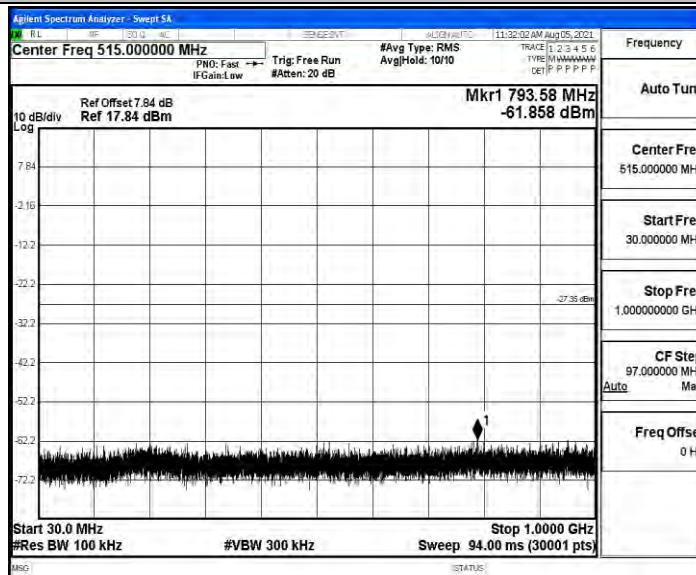
11N20SISO_ANT2_2412_1000~26500



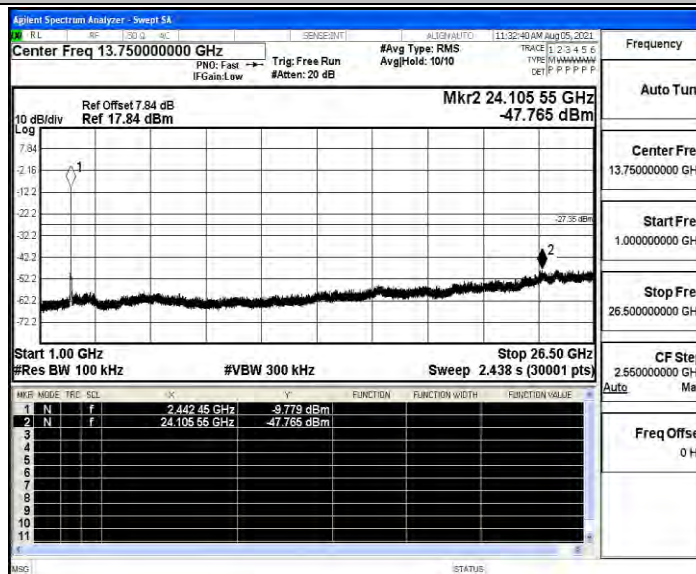
11N20SISO_ANT2_2437_0~Reference



11N20SISO_ANT2_2437_30~1000

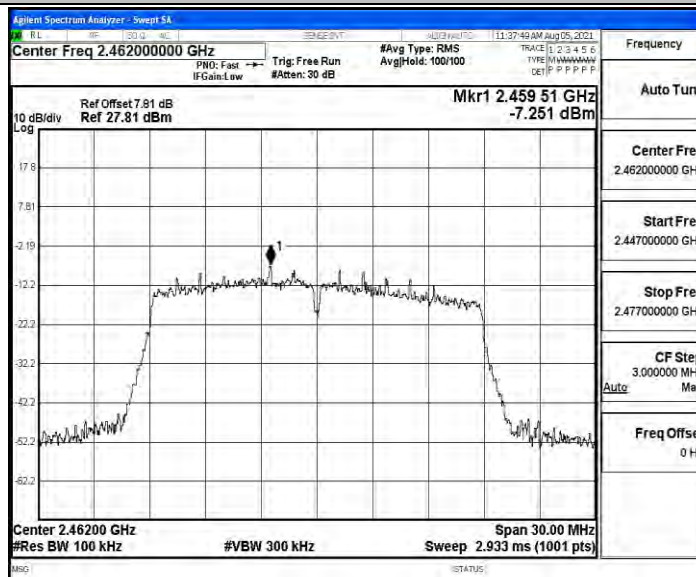


11N20SISO_ANT2_2437_1000~26500

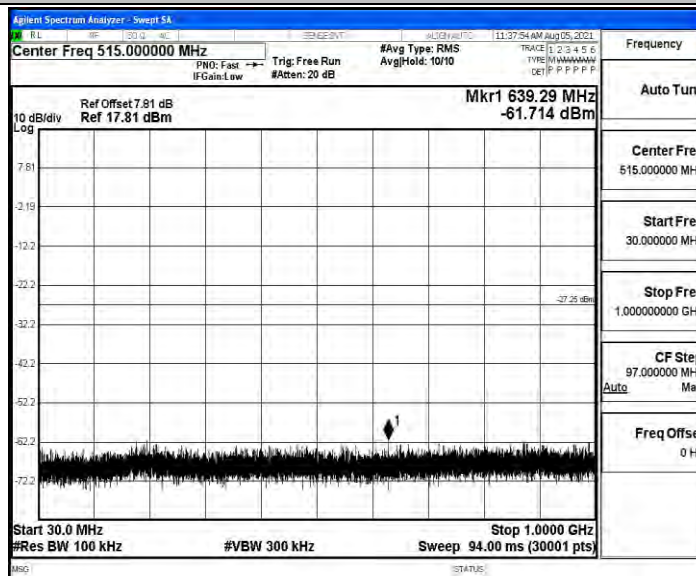




11N20SISO_ANT2_2462_0~Reference



11N20SISO_ANT2_2462_30~1000

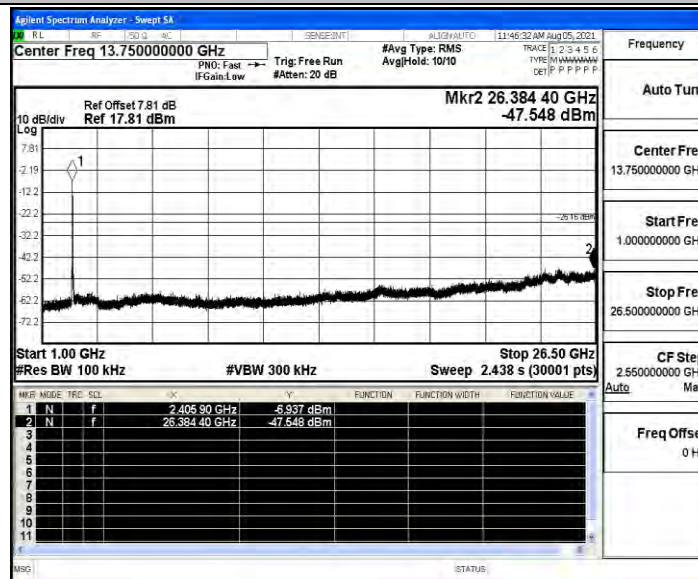


11N20SISO_ANT2_2462_1000~26500

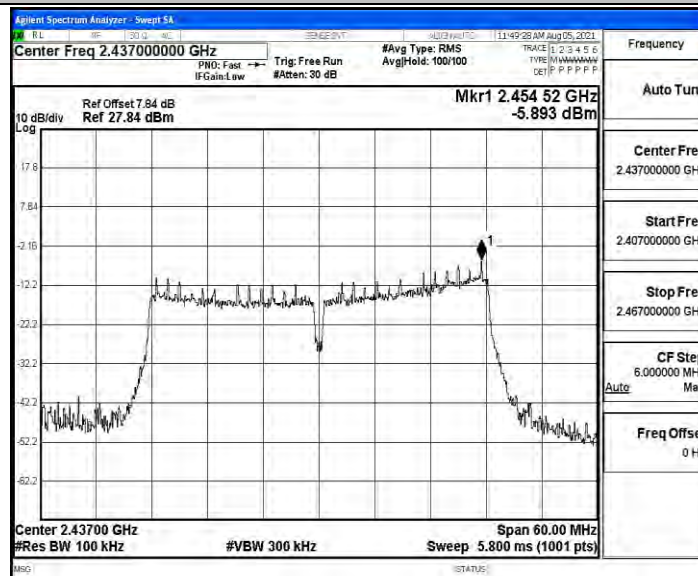




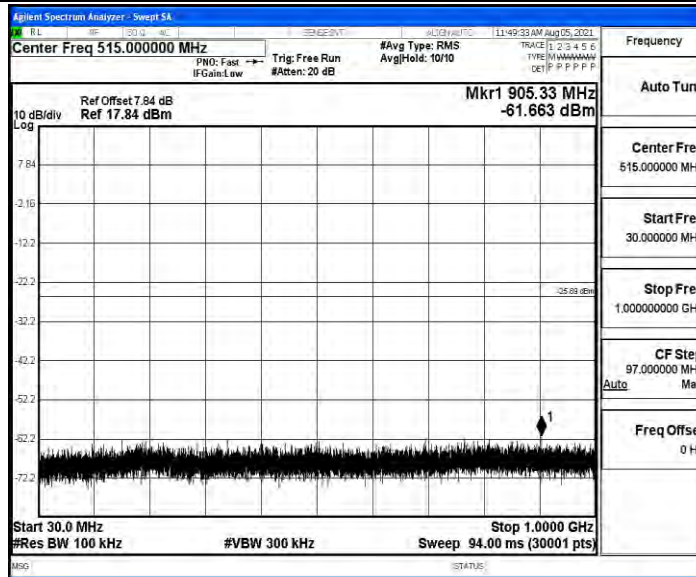
11N40SISO_ANT2_2422_1000~26500



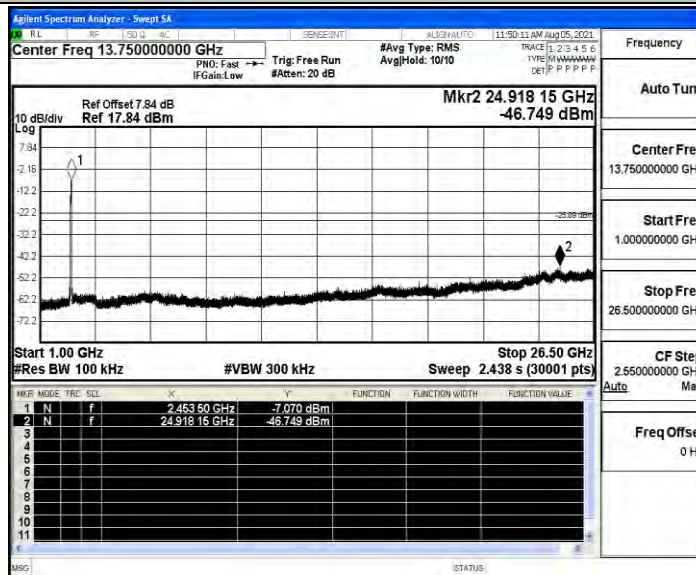
11N40SISO_ANT2_2437_0~Reference



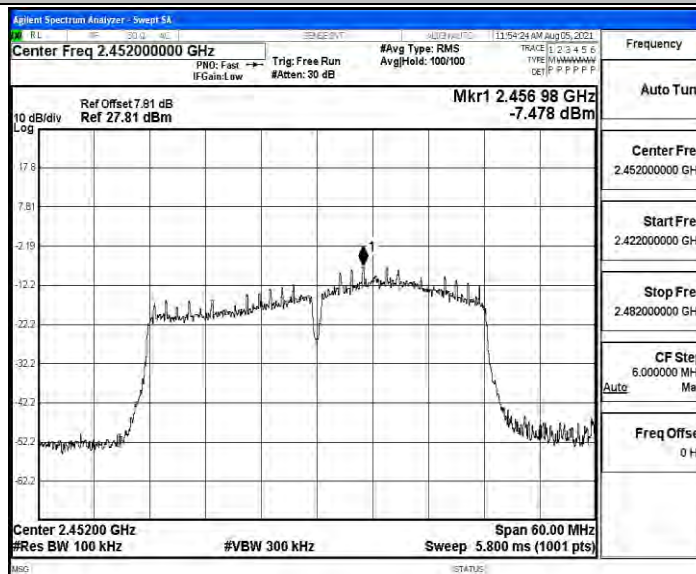
11N40SISO_ANT2_2437_30~1000



11N40SISO_ANT2_2437_1000~26500

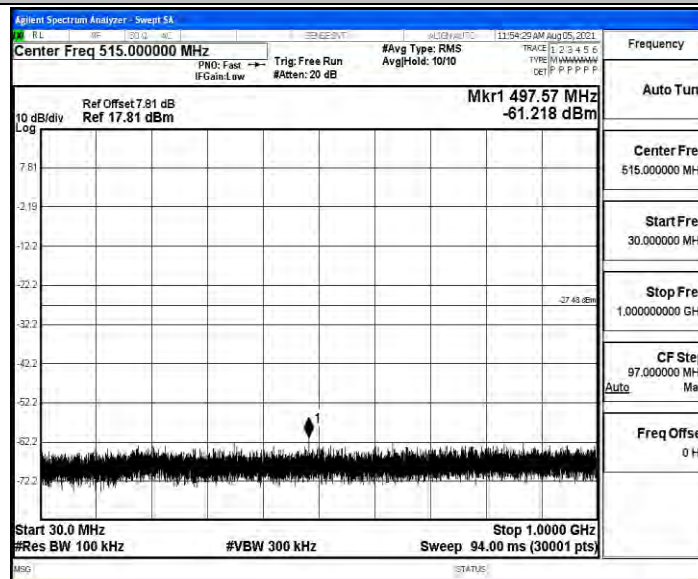


11N40SISO_ANT2_2452_0~Reference

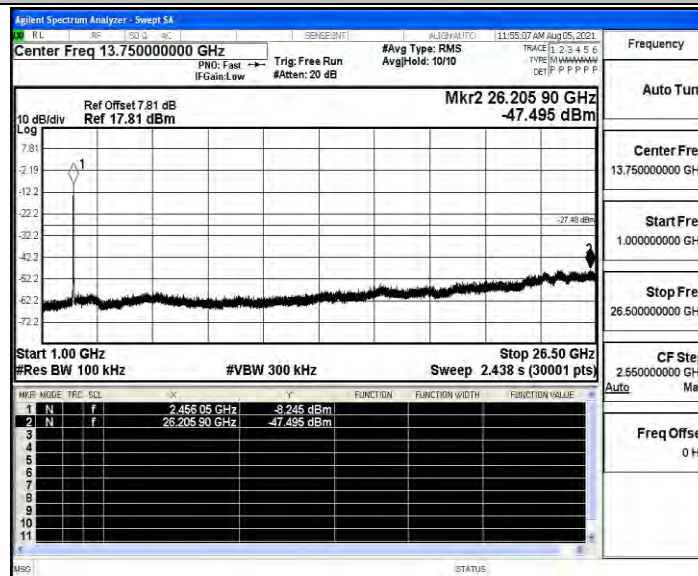




11N40SISO_ANT2_2452_30~1000



11N40SISO_ANT2_2452_1000~26500





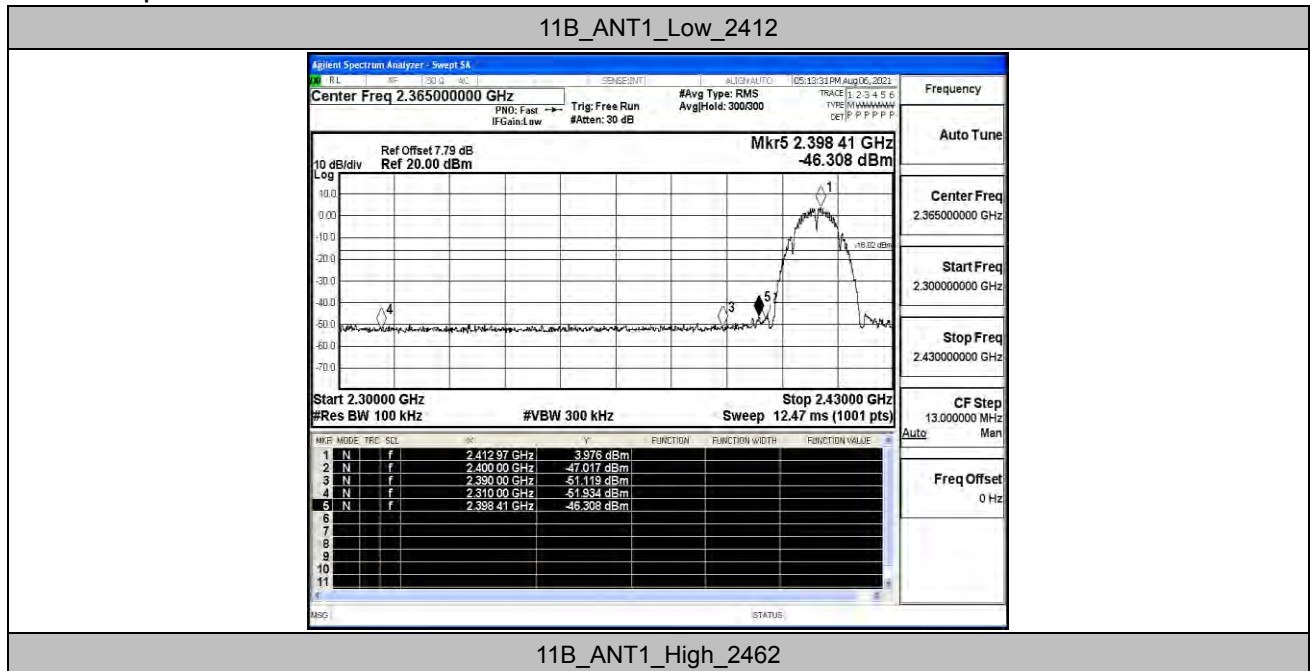
A.7 Band edge measurements

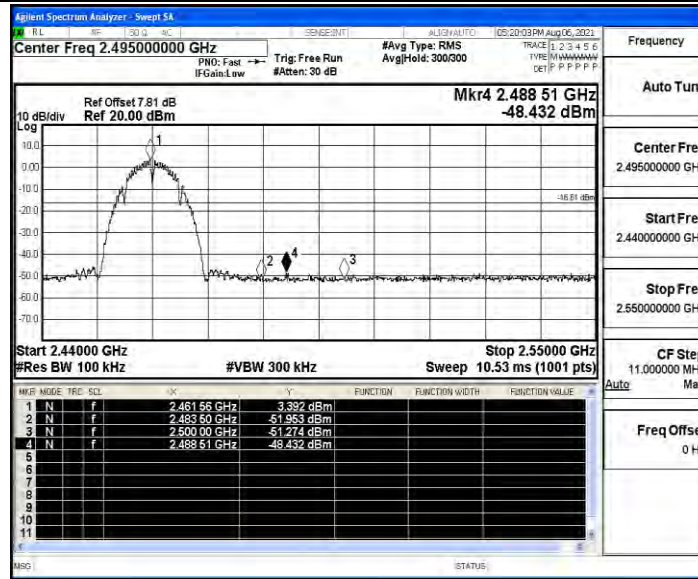
Test Result

ANT1

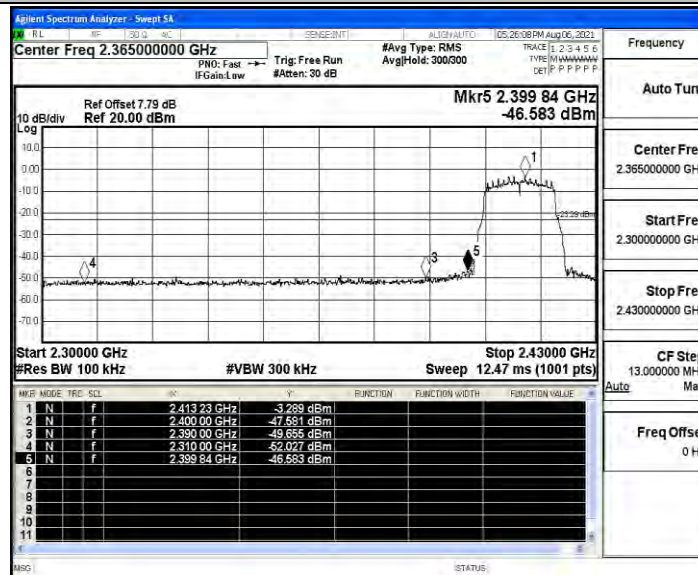
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	ANT1	Low	2412	3.98	-46.31	≤ -16.02	PASS
		High	2462	3.39	-48.43	≤ -16.61	PASS
11G	ANT1	Low	2412	-3.29	-46.58	≤ -23.29	PASS
		High	2462	-2.24	-48.29	≤ -22.24	PASS
11N20SISO	ANT1	Low	2412	-2.61	-45.17	≤ -22.61	PASS
		High	2462	-2.59	-47.94	≤ -22.59	PASS
11N40SISO	ANT1	Low	2422	-6.82	-43.69	≤ -26.82	PASS
		High	2452	-5.84	-41.97	≤ -25.84	PASS

Test Graphs

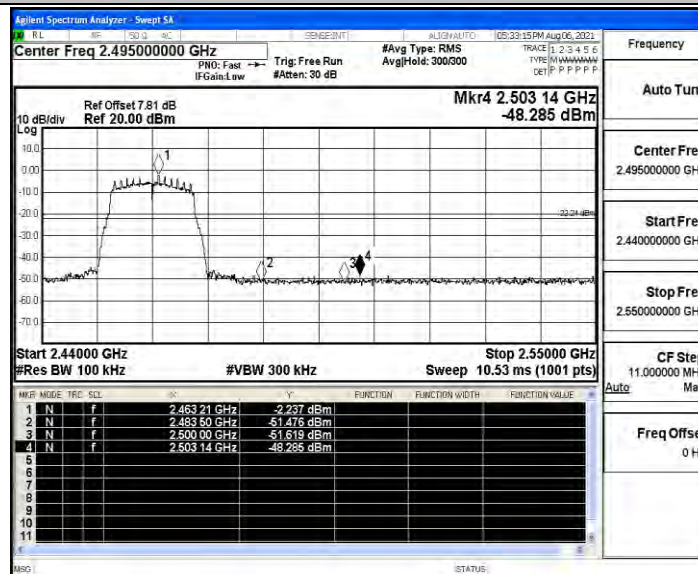




11G_ANT1_Low_2412

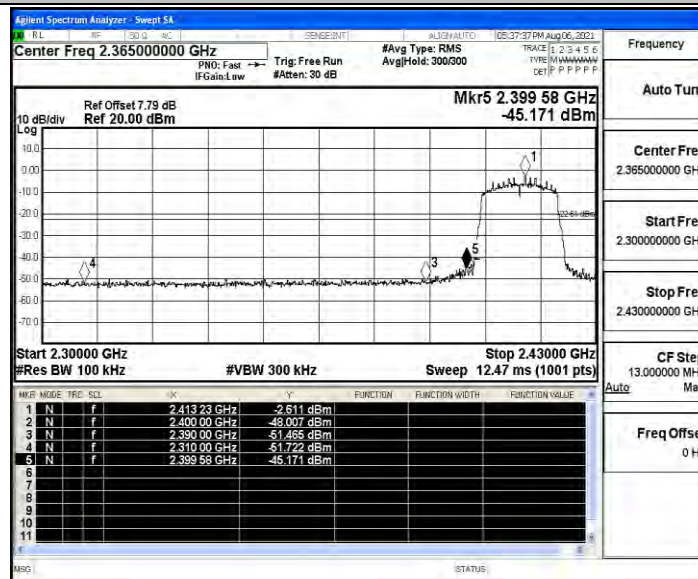


11G_ANT1_High_2462

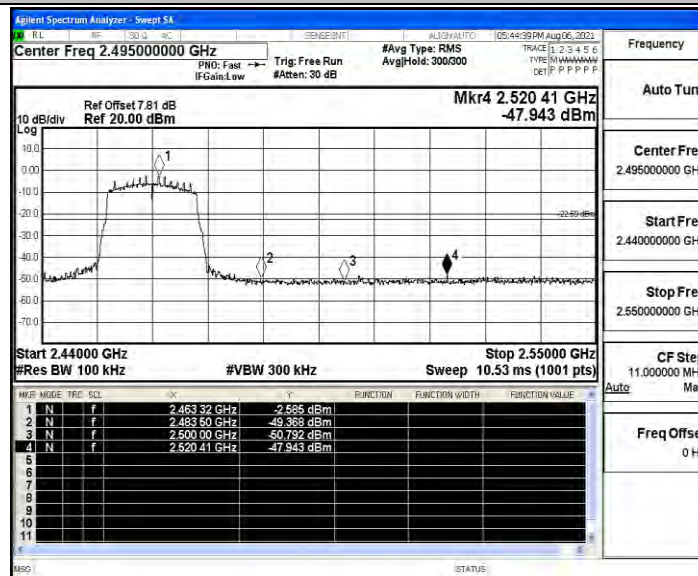




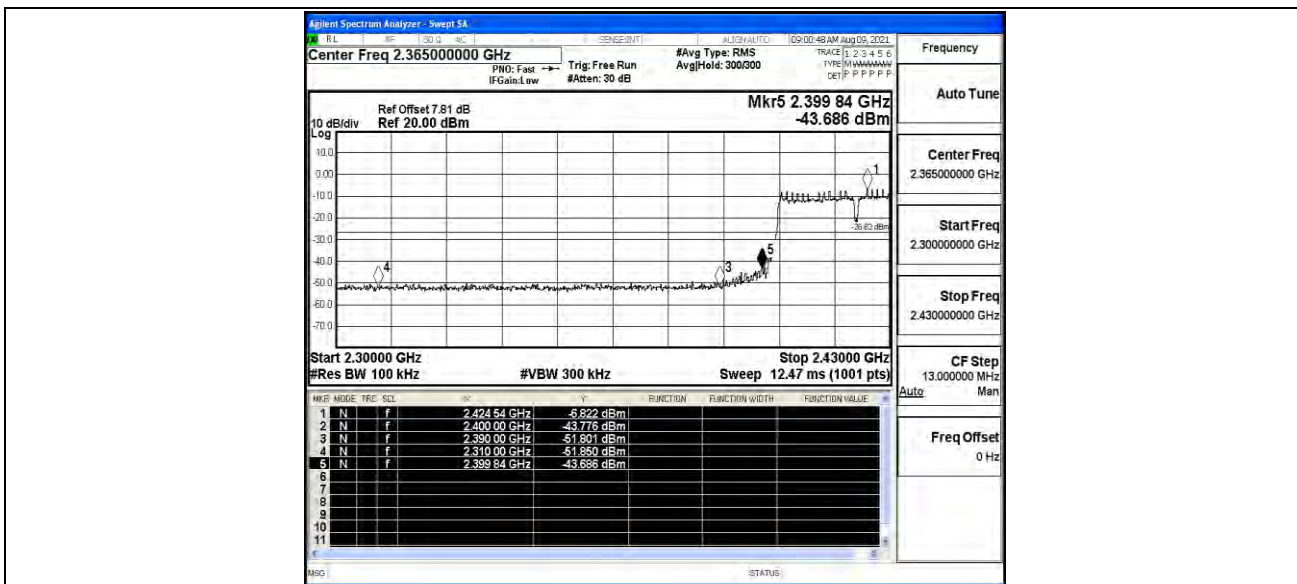
11N20SISO_ANT1_Low_2412



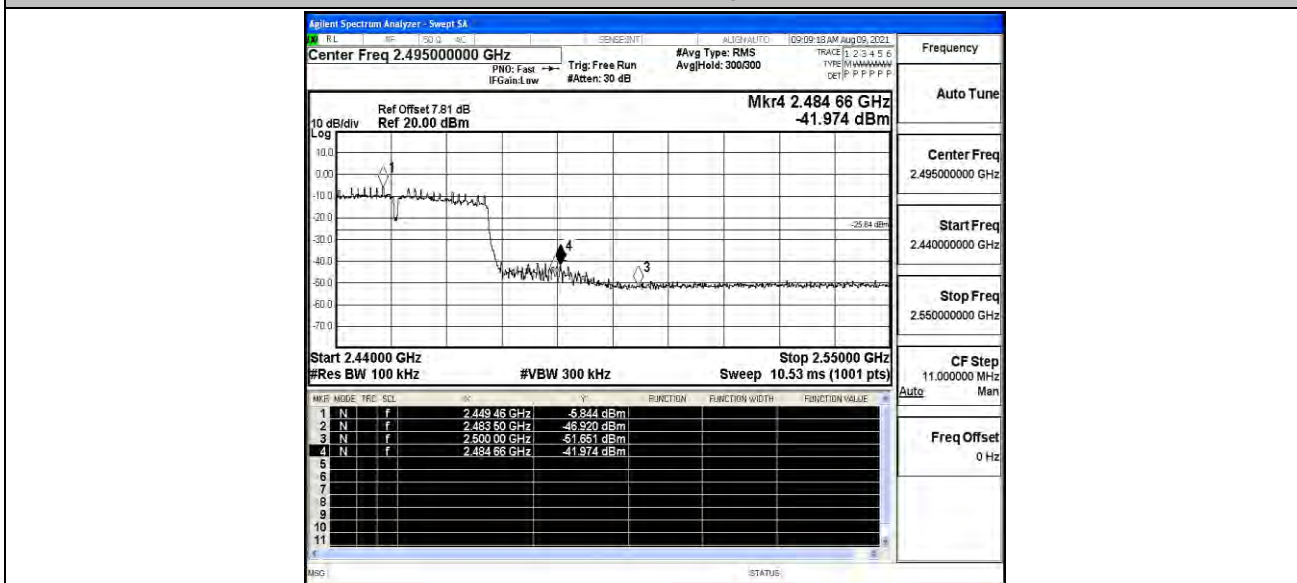
11N20SISO_ANT1_High_2462



11N40SISO_ANT1_Low_2422



11N40SISO_ANT1_High_2452



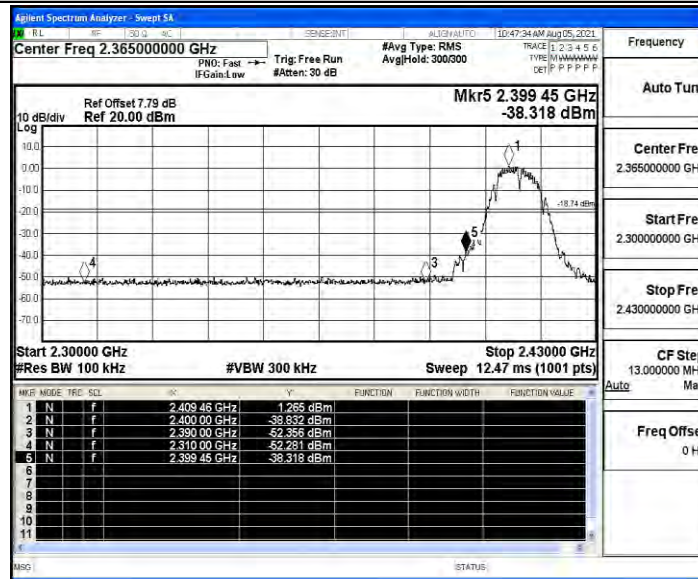
ANT2

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	ANT2	Low	2412	1.27	-38.32	≤-18.74	PASS
		High	2462	1.17	-48.52	≤-18.83	PASS
11G	ANT2	Low	2412	-4.39	-37.02	≤-24.39	PASS
		High	2462	-5.77	-48.81	≤-25.77	PASS
11N20SISO	ANT2	Low	2412	-5.50	-43.44	≤-25.5	PASS
		High	2462	-7.29	-49.41	≤-27.29	PASS
11N40SISO	ANT2	Low	2422	-6.24	-42.14	≤-26.24	PASS
		High	2452	-7.17	-44.69	≤-27.17	PASS

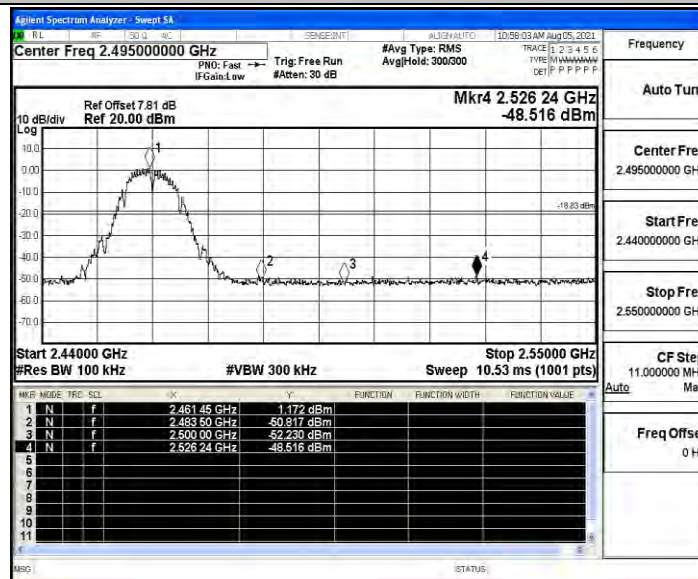


Test Graphs

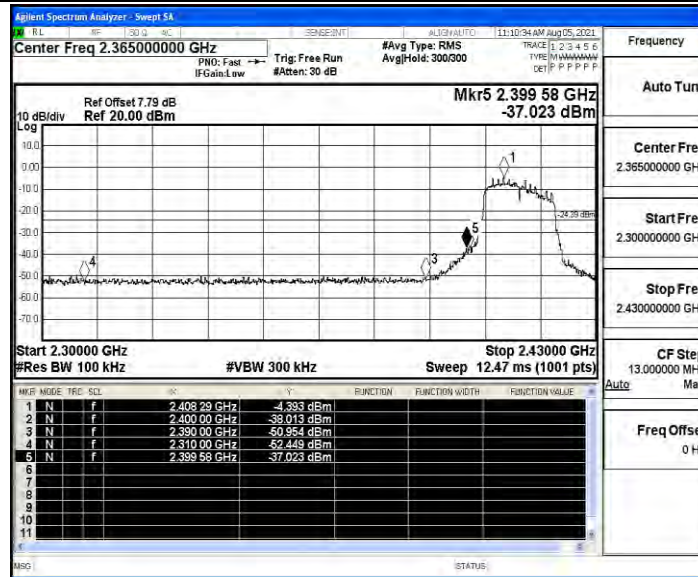
11B_ANT2_Low_2412



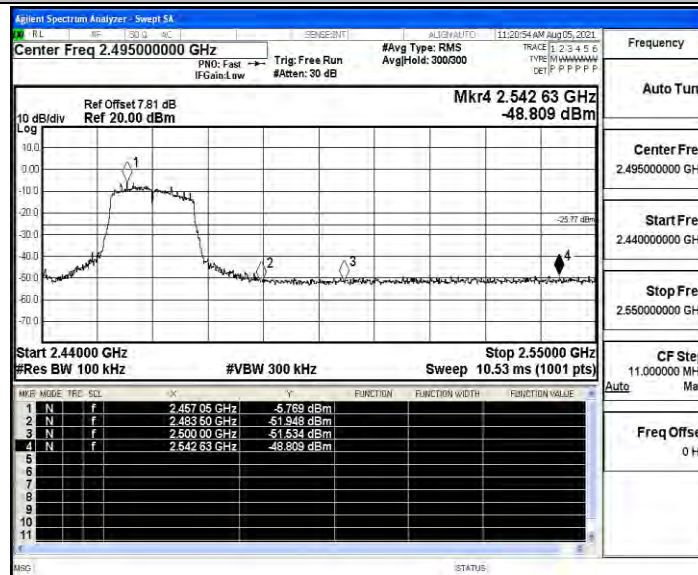
11B_ANT2_High_2462



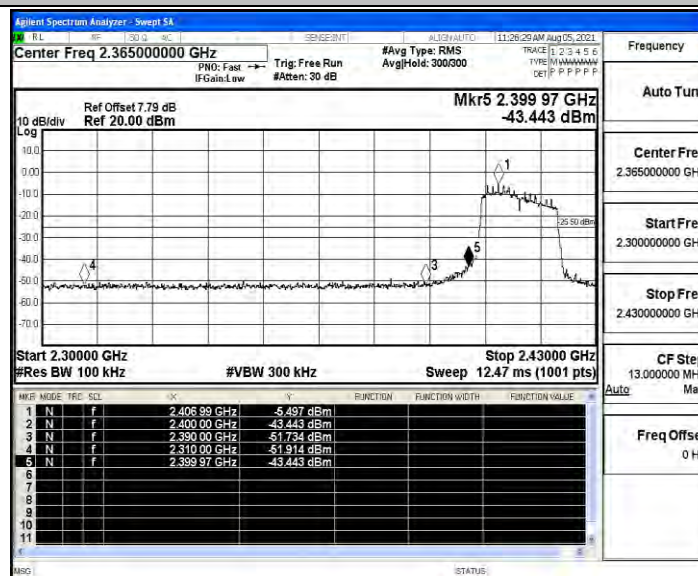
11G_ANT2_Low_2412



11G_ANT2_High_2462

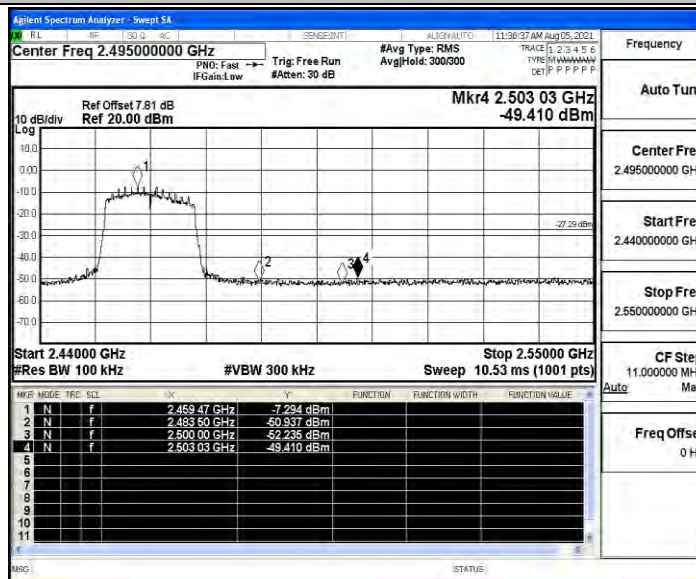


11N20SISO_ANT2_Low_2412

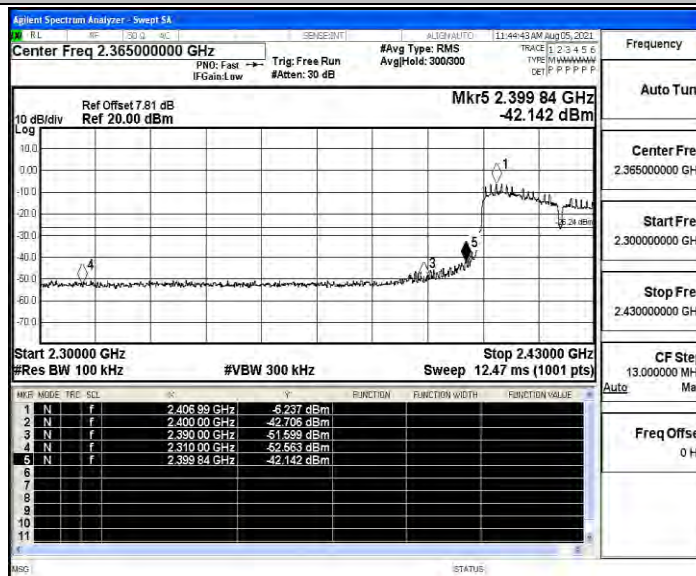




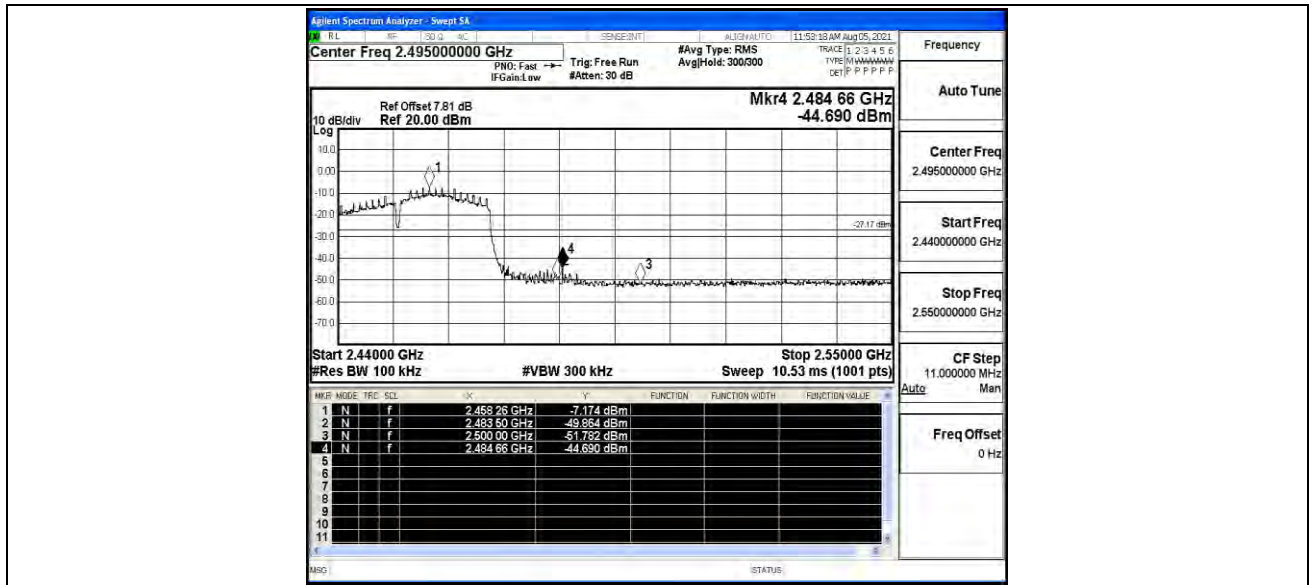
11N20SISO_ANT2_High_2462



11N40SISO_ANT2_Low_2422



11N40SISO_ANT2_High_2452





A.8 Emissions in Restricted Bands

Test Result

ANT1

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	ANT1	Low	2412	AV	2310.000	-49.17	≤-41.20	46.03	≤54	PASS
				AV	2389.050	-48.29	≤-41.20	46.91	≤54	PASS
				AV	2390.000	-48.39	≤-41.20	46.81	≤54	PASS
				Peak	2310.000	-43.67	≤-21.20	51.53	≤74	PASS
				Peak	2363.700	-39.73	≤-21.20	55.47	≤74	PASS
				Peak	2390.000	-43.56	≤-21.20	51.64	≤74	PASS
		High	2462	AV	2483.500	-48.07	≤-41.20	47.13	≤54	PASS
				AV	2494.890	-47.73	≤-41.20	47.47	≤54	PASS
				AV	2500.000	-47.94	≤-41.20	47.26	≤54	PASS
				Peak	2483.500	-42.22	≤-21.20	52.98	≤74	PASS
				Peak	2488.180	-39.66	≤-21.20	55.54	≤74	PASS
				Peak	2500.000	-41.8	≤-21.20	53.40	≤74	PASS
11G	ANT1	Low	2412	AV	2310.000	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2389.960	-47.46	≤-41.20	47.74	≤54	PASS
				AV	2390.000	-47.46	≤-41.20	47.74	≤54	PASS
				Peak	2310.000	-42.43	≤-21.20	52.77	≤74	PASS
				Peak	2323.140	-38.76	≤-21.20	56.44	≤74	PASS
				Peak	2390.000	-40.96	≤-21.20	54.24	≤74	PASS
		High	2462	AV	2483.500	-47.25	≤-41.20	47.95	≤54	PASS
				AV	2485.430	-47.22	≤-41.20	47.98	≤54	PASS
				AV	2500.000	-47.48	≤-41.20	47.72	≤54	PASS
				Peak	2483.500	-41.2	≤-21.20	54.00	≤74	PASS
				Peak	2483.780	-38.38	≤-21.20	56.82	≤74	PASS
				Peak	2500.000	-40.22	≤-21.20	54.98	≤74	PASS
11N20SISO	ANT1	Low	2412	AV	2310.000	-48.85	≤-41.20	46.35	≤54	PASS
				AV	2389.440	-47.66	≤-41.20	47.54	≤54	PASS
				AV	2390.000	-47.83	≤-41.20	47.37	≤54	PASS
				Peak	2310.000	-42.27	≤-21.20	52.93	≤74	PASS
				Peak	2386.580	-38.47	≤-21.20	56.73	≤74	PASS
				Peak	2390.000	-41.09	≤-21.20	54.11	≤74	PASS
		High	2462	AV	2483.500	-47.43	≤-41.20	47.77	≤54	PASS
				AV	2483.670	-47.24	≤-41.20	47.96	≤54	PASS
				AV	2500.000	-47.51	≤-41.20	47.69	≤54	PASS
				Peak	2483.500	-39.69	≤-21.20	55.51	≤74	PASS
				Peak	2483.560	-38.32	≤-21.20	56.88	≤74	PASS



				Peak	2500.000	-41.22	≤ -21.20	53.98	≤ 74	PASS
11N40SISO	ANT1	Low	2422	AV	2310.000	-48.51	≤ -41.20	46.69	≤ 54	PASS
				AV	2389.440	-47.37	≤ -41.20	47.83	≤ 54	PASS
				AV	2390.000	-47.6	≤ -41.20	47.60	≤ 54	PASS
				Peak	2310.000	-42	≤ -21.20	53.20	≤ 74	PASS
				Peak	2389.180	-38.05	≤ -21.20	57.15	≤ 74	PASS
				Peak	2390.000	-40.24	≤ -21.20	54.96	≤ 74	PASS
		High	2452	AV	2483.500	-43.04	≤ -41.20	52.16	≤ 54	PASS
				AV	2484.330	-42.68	≤ -41.20	52.52	≤ 54	PASS
				AV	2500.000	-47.28	≤ -41.20	47.92	≤ 54	PASS
				Peak	2483.500	-33.8	≤ -21.20	61.40	≤ 74	PASS
				Peak	2484.220	-26.38	≤ -21.20	68.82	≤ 74	PASS
				Peak	2500.000	-39.28	≤ -21.20	55.92	≤ 74	PASS

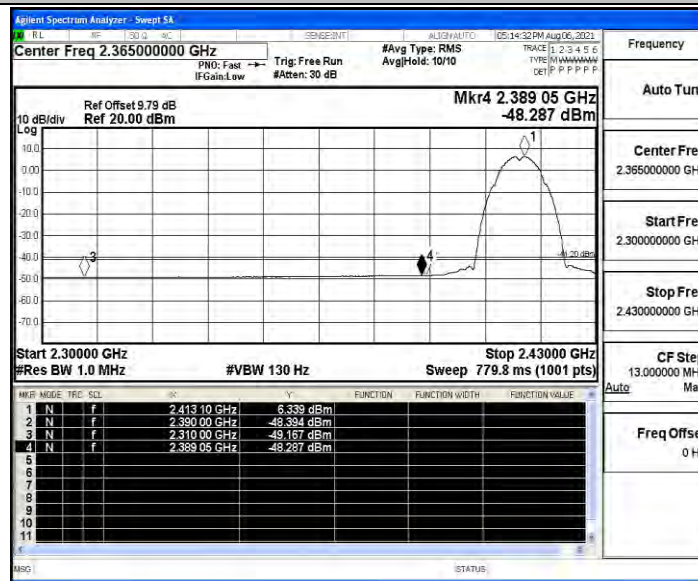
Note:

1. The Antenna Gain is compensated in the graph.
2. 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.

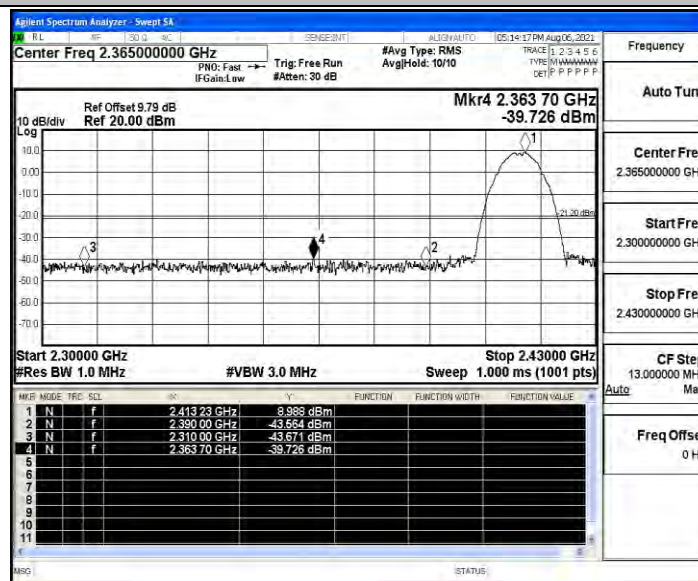


Test Graphs

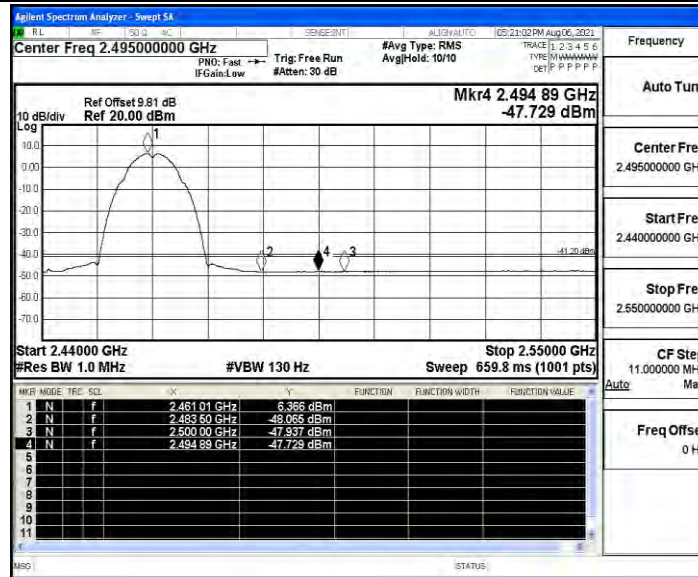
11B_ANT1_Low_2412_AV



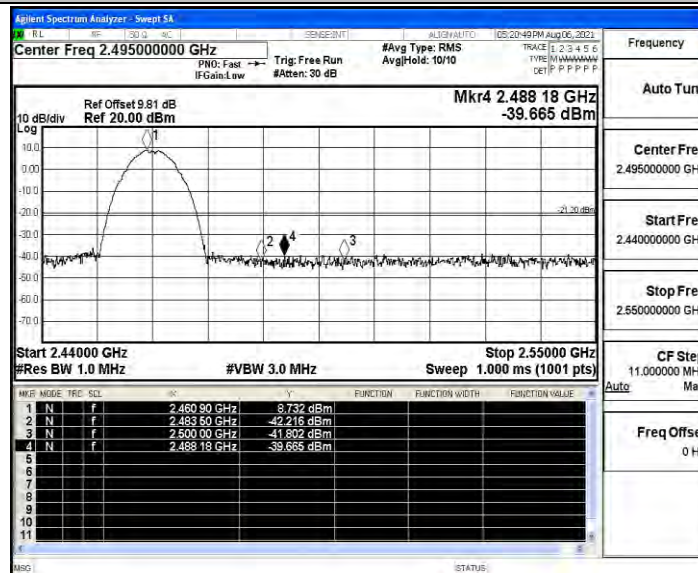
11B_ANT1_Low_2412_Peak



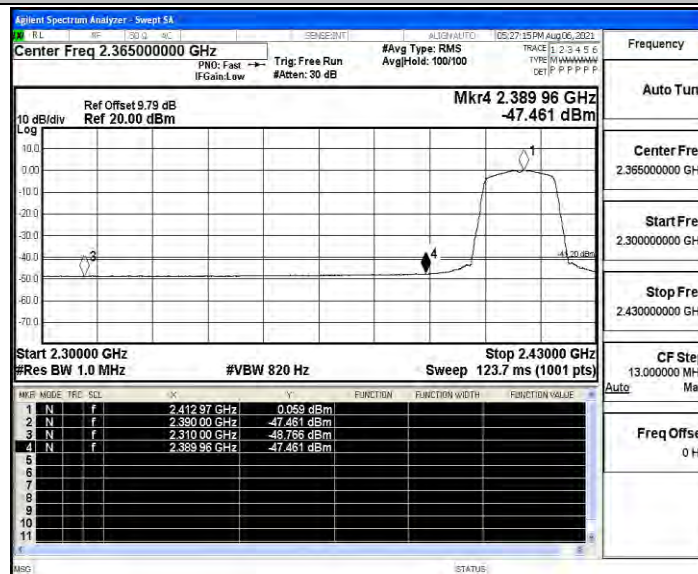
11B_ANT1_High_2462_AV



11B_ANT1_High_2462_Peak

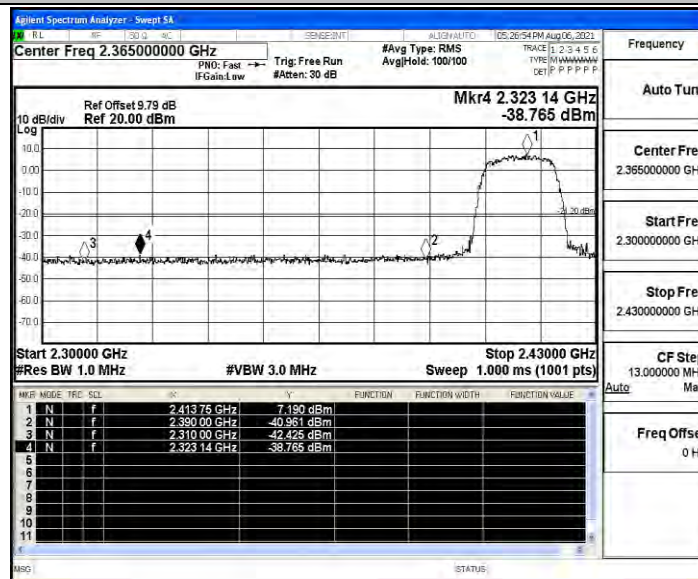


11G_ANT1_Low_2412_AV

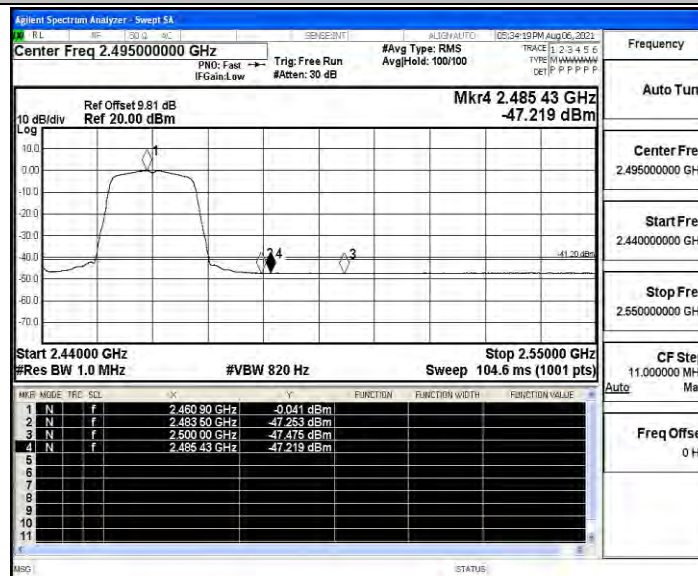




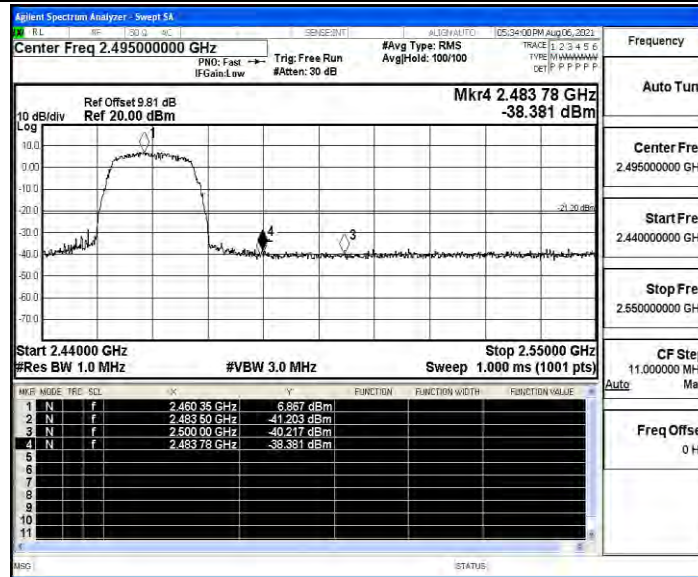
11G_ANT1_Low_2412_Peak



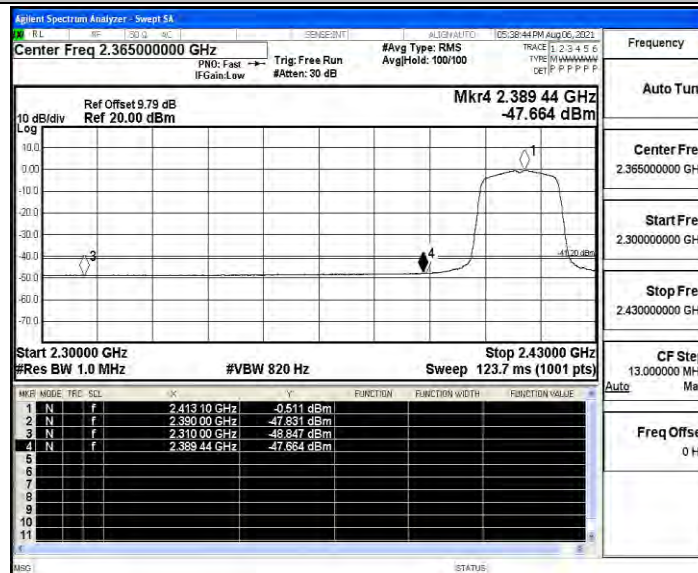
11G_ANT1_High_2462_AV



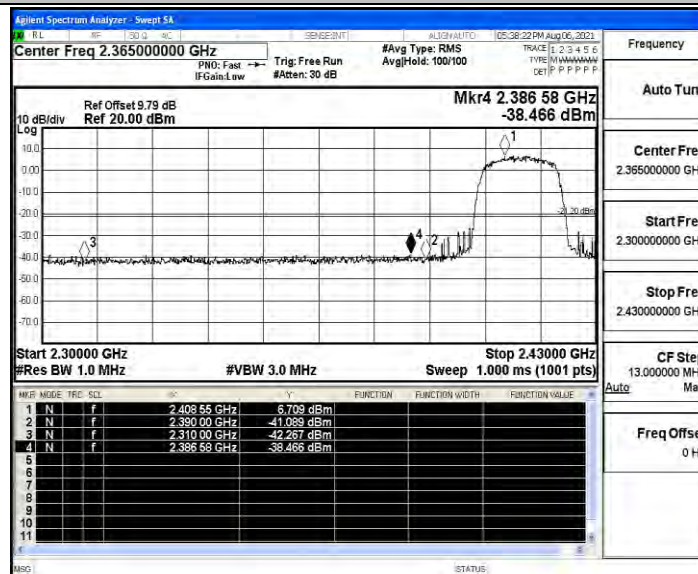
11G_ANT1_High_2462_Peak



11N20SISO_ANT1_Low_2412_AV

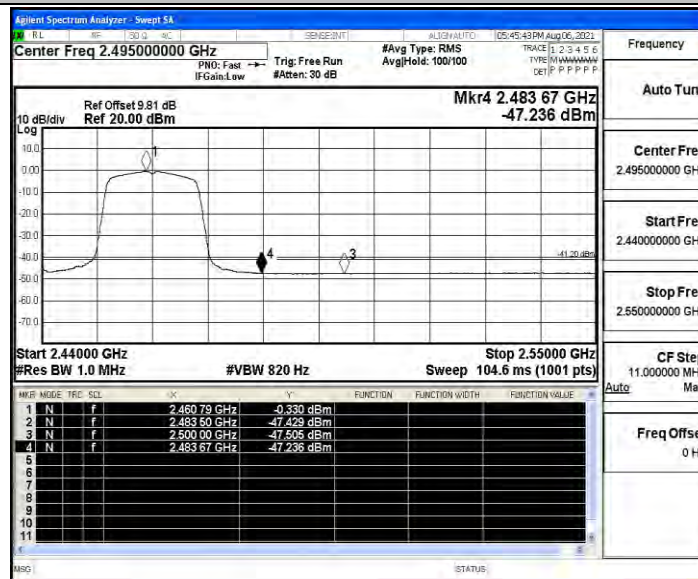


11N20SISO_ANT1_Low_2412_Peak

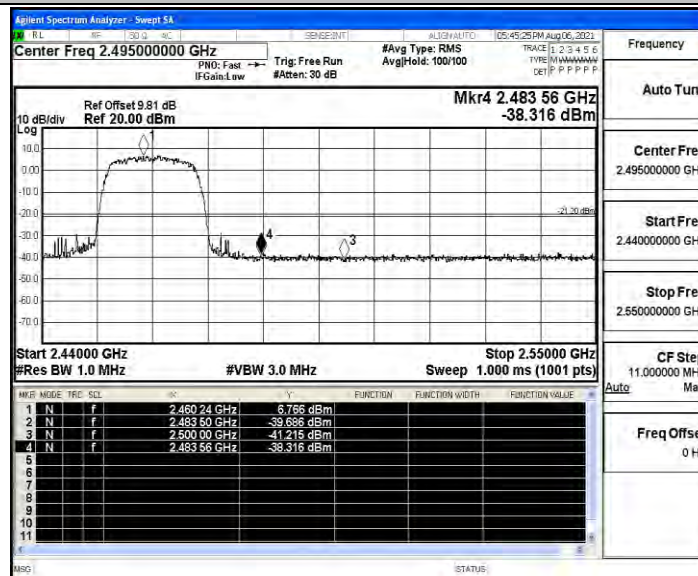




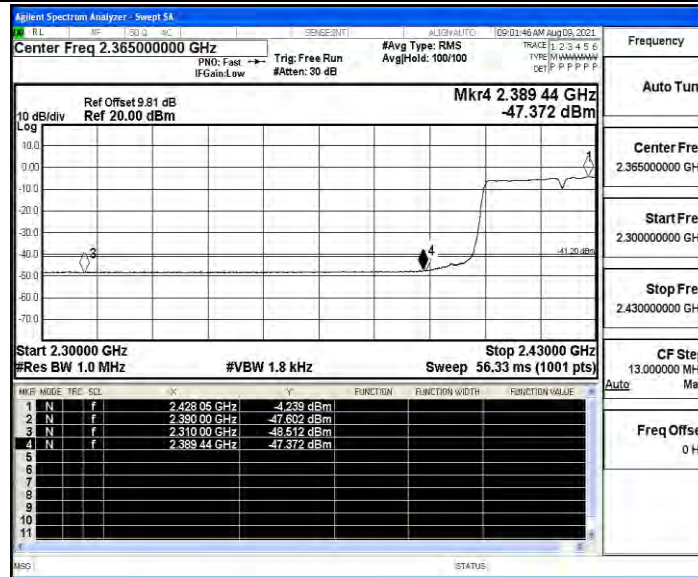
11N20SISO_ANT1_High_2462_AV



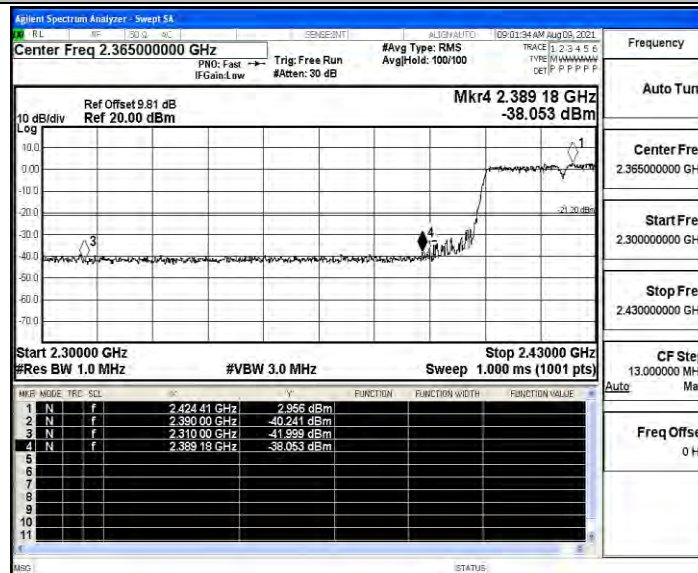
11N20SISO_ANT1_High_2462_Peak



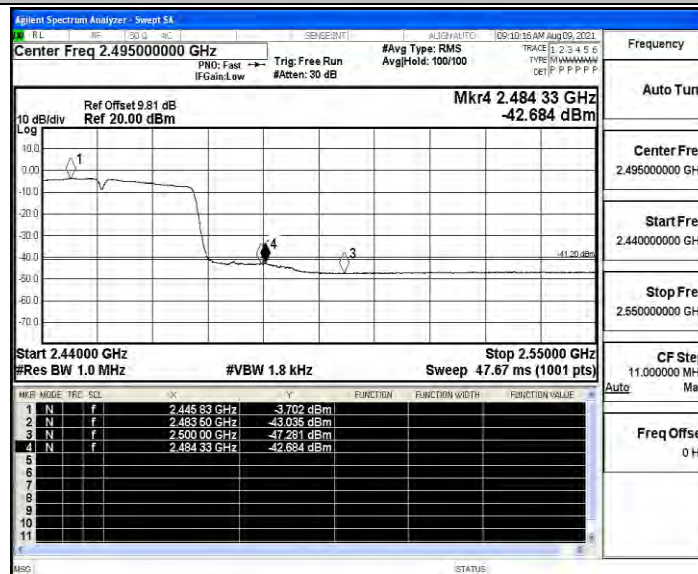
11N40SISO_ANT1_Low_2422_AV



11N40SISO_ANT1_Low_2422_Peak

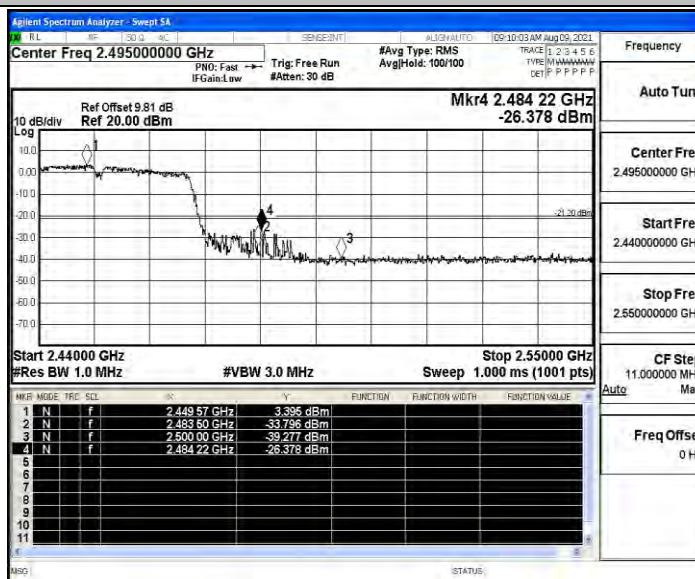


11N40SISO_ANT1_High_2452_AV





11N40SISO_ANT1_High_2452_Peak



ANT2

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	ANT2	Low	2412	AV	2310.000	-49.27	≤-41.20	45.93	≤54	PASS
				AV	2389.310	-48.57	≤-41.20	46.63	≤54	PASS
				AV	2390.000	-48.69	≤-41.20	46.51	≤54	PASS
				Peak	2310.000	-44.85	≤-21.20	50.35	≤74	PASS
				Peak	2366.430	-39.52	≤-21.20	55.68	≤74	PASS
				Peak	2390.000	-43.04	≤-21.20	52.16	≤74	PASS
		High	2462	AV	2483.500	-47.87	≤-41.20	47.33	≤54	PASS
				AV	2483.560	-47.89	≤-41.20	47.31	≤54	PASS
				AV	2500.000	-48.5	≤-41.20	46.70	≤54	PASS
				Peak	2483.500	-42.95	≤-21.20	52.25	≤74	PASS
				Peak	2486.090	-39.36	≤-21.20	55.84	≤74	PASS
11G	ANT2	Low	2412	Peak	2500.000	-41.84	≤-21.20	53.36	≤74	PASS
		Low	2412	AV	2310.000	-48.91	≤-41.20	46.29	≤54	PASS
				AV	2389.960	-47.94	≤-41.20	47.26	≤54	PASS
				AV	2390.000	-47.94	≤-41.20	47.26	≤54	PASS
				Peak	2310.000	-41.4	≤-21.20	53.80	≤74	PASS
				Peak	2335.230	-38.18	≤-21.20	57.02	≤74	PASS
		High	2462	Peak	2390.000	-40.28	≤-21.20	54.92	≤74	PASS
				AV	2483.500	-47.39	≤-41.20	47.81	≤54	PASS
				AV	2484.330	-47.36	≤-41.20	47.84	≤54	PASS
				AV	2500.000	-47.92	≤-41.20	47.28	≤54	PASS
				Peak	2483.500	-41.1	≤-21.20	54.10	≤74	PASS
				Peak	2494.010	-38.33	≤-21.20	56.87	≤74	PASS
				Peak	2500.000	-41.35	≤-21.20	53.85	≤74	PASS



11N20SISO	ANT2	Low	2412	AV	2310.000	-48.92	≤ -41.20	46.28	≤ 54	PASS
				AV	2389.310	-48.04	≤ -41.20	47.16	≤ 54	PASS
				AV	2390.000	-48.08	≤ -41.20	47.12	≤ 54	PASS
				Peak	2310.000	-42.41	≤ -21.20	52.79	≤ 74	PASS
				Peak	2383.850	-38.25	≤ -21.20	56.95	≤ 74	PASS
				Peak	2390.000	-41.31	≤ -21.20	53.89	≤ 74	PASS
		High	2462	AV	2483.500	-47.94	≤ -41.20	47.26	≤ 54	PASS
				AV	2484.990	-47.79	≤ -41.20	47.41	≤ 54	PASS
				AV	2500.000	-47.87	≤ -41.20	47.33	≤ 54	PASS
				Peak	2483.500	-40.18	≤ -21.20	55.02	≤ 74	PASS
				Peak	2484.110	-38.38	≤ -21.20	56.82	≤ 74	PASS
				Peak	2500.000	-41.48	≤ -21.20	53.72	≤ 74	PASS
11N40SISO	ANT2	Low	2422	AV	2310.000	-48.78	≤ -41.20	46.42	≤ 54	PASS
				AV	2388.010	-45.57	≤ -41.20	49.63	≤ 54	PASS
				AV	2390.000	-46.43	≤ -41.20	48.77	≤ 54	PASS
				Peak	2310.000	-41.29	≤ -21.20	53.91	≤ 74	PASS
				Peak	2388.790	-32.53	≤ -21.20	62.67	≤ 74	PASS
				Peak	2390.000	-41.23	≤ -21.20	53.97	≤ 74	PASS
		High	2452	AV	2483.500	-46.11	≤ -41.20	49.09	≤ 54	PASS
				AV	2484.990	-45.96	≤ -41.20	49.24	≤ 54	PASS
				AV	2500.000	-47.82	≤ -41.20	47.38	≤ 54	PASS
				Peak	2483.500	-41.45	≤ -21.20	53.75	≤ 74	PASS
				Peak	2484.880	-31.96	≤ -21.20	63.24	≤ 74	PASS
				Peak	2500.000	-41.53	≤ -21.20	53.67	≤ 74	PASS

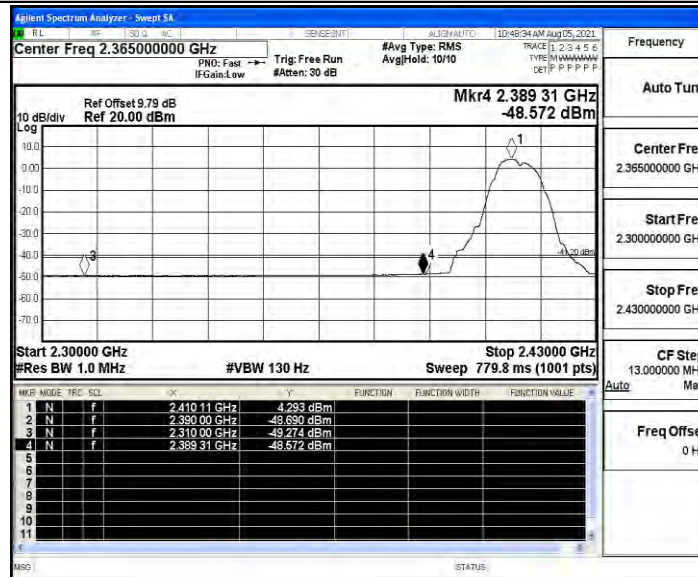
Note:

- The Antenna Gain is compensated in the graph.
- 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.

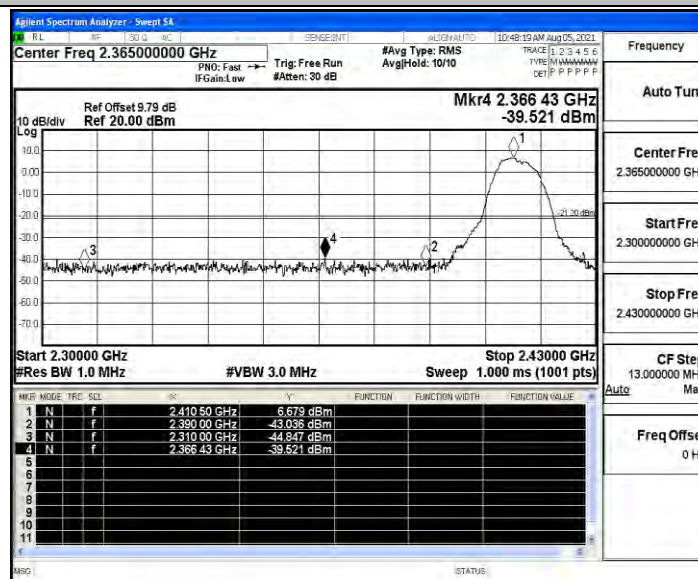


Test Graphs

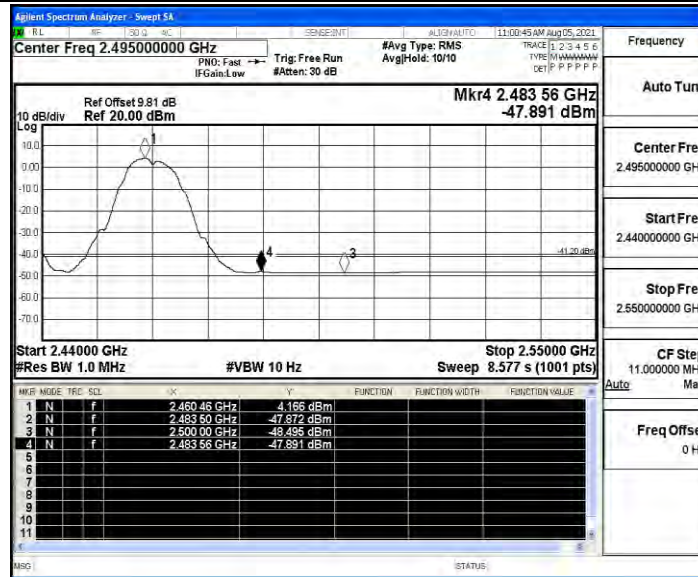
11B_ANT2_Low_2412_AV



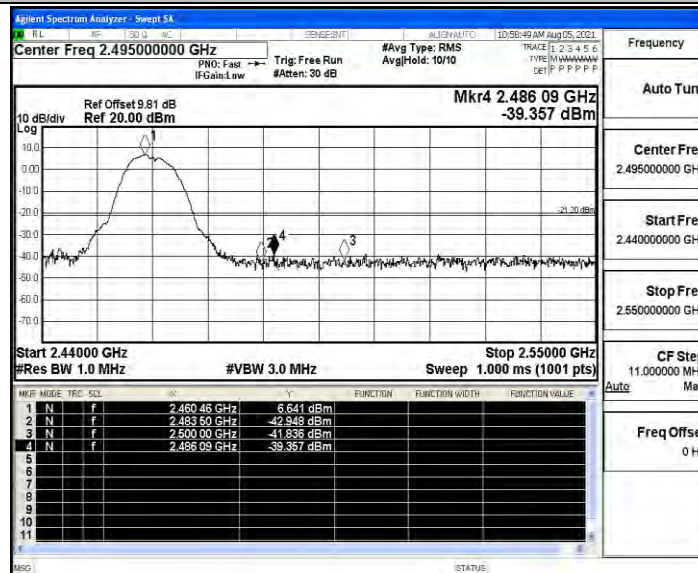
11B_ANT2_Low_2412_Peak



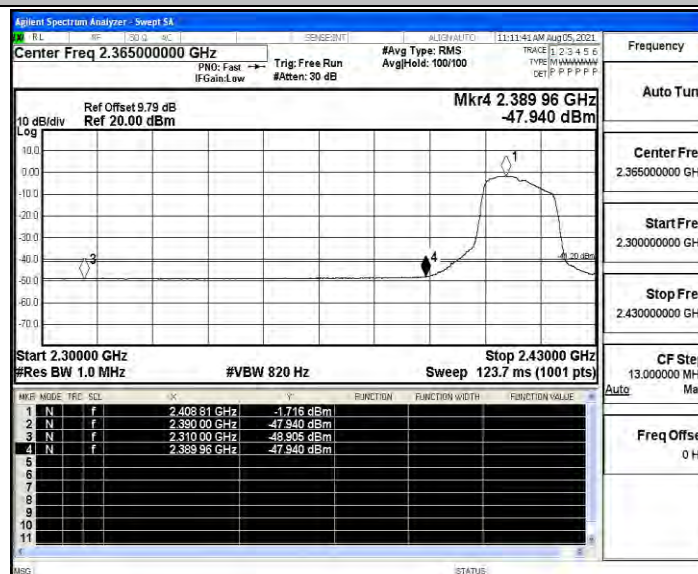
11B_ANT2_High_2462_AV



11B_ANT2_High_2462_Peak

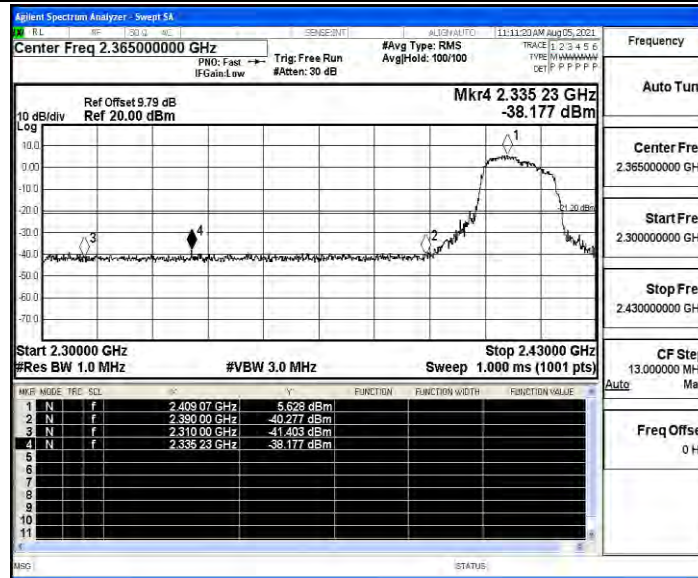


11G_ANT2_Low_2412_AV

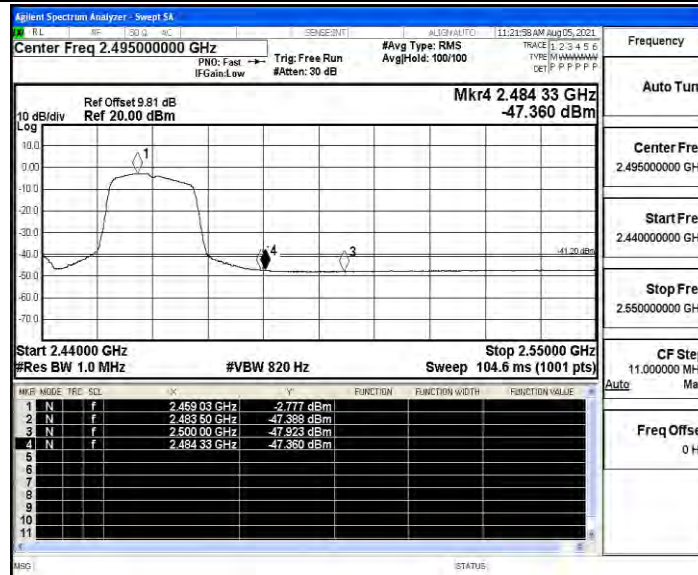




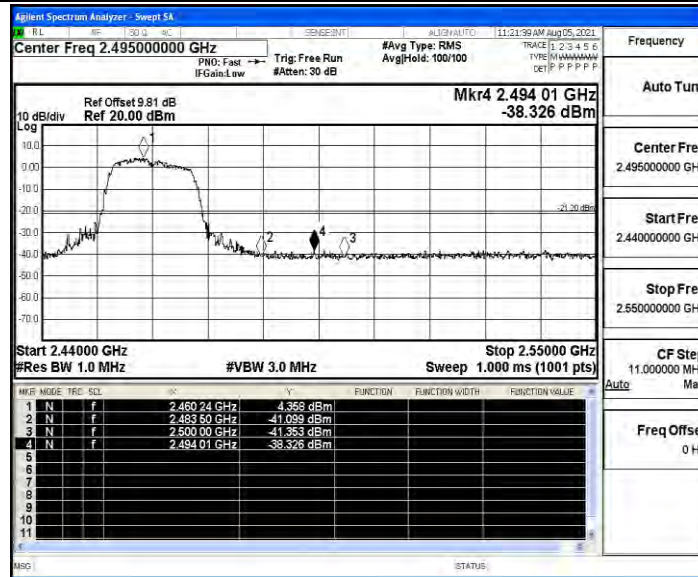
11G_ANT2_Low_2412_Peak



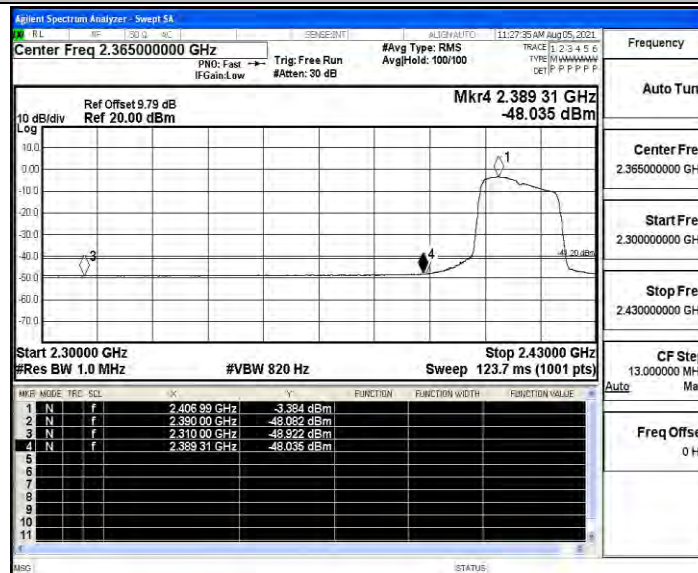
11G_ANT2_High_2462_AV



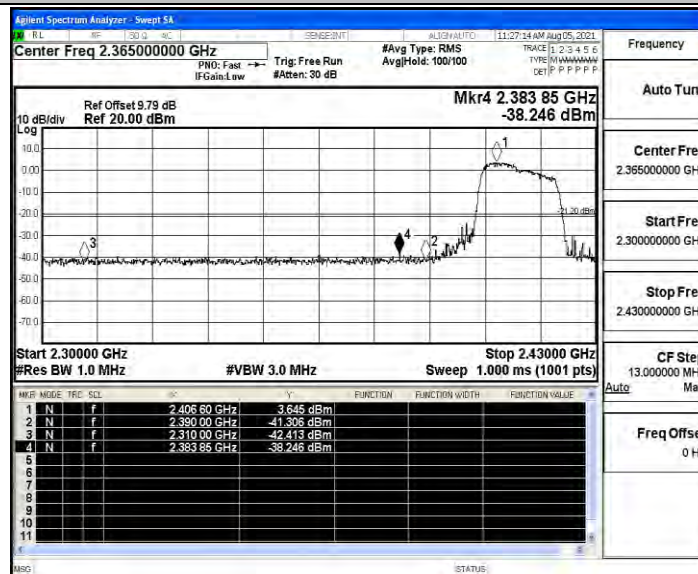
11G_ANT2_High_2462_Peak



11N20SISO_ANT2_Low_2412_AV

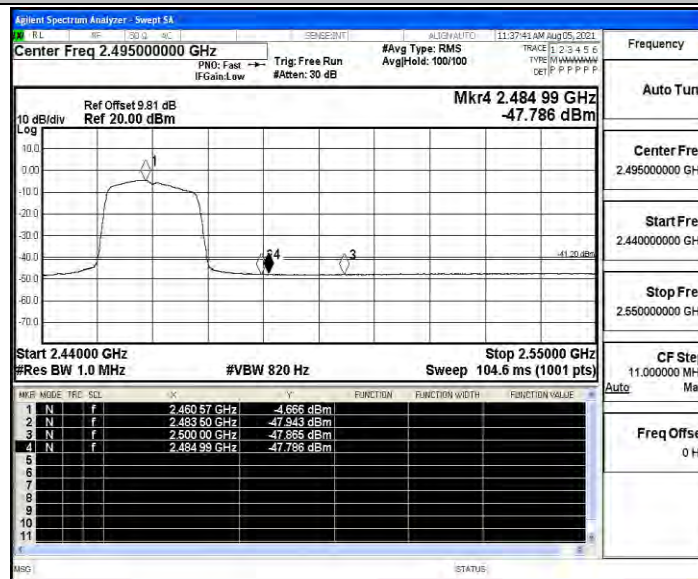


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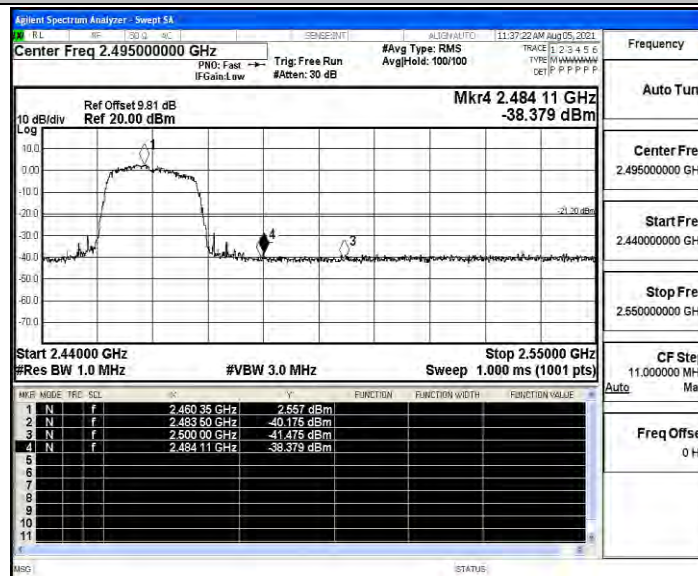




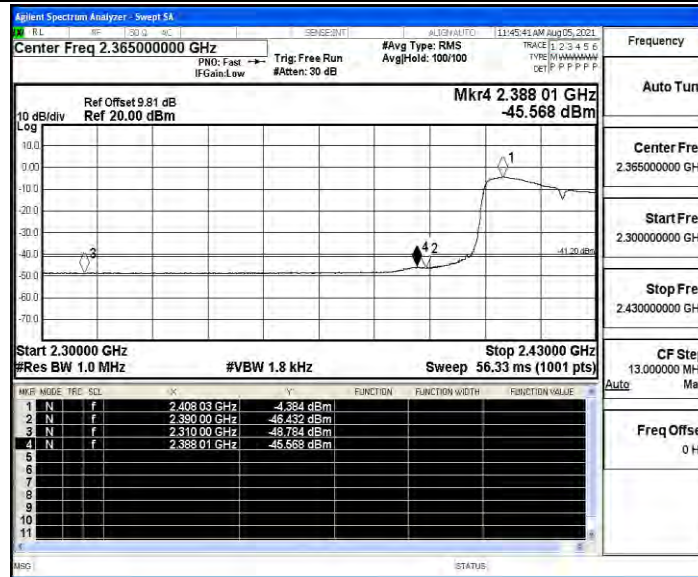
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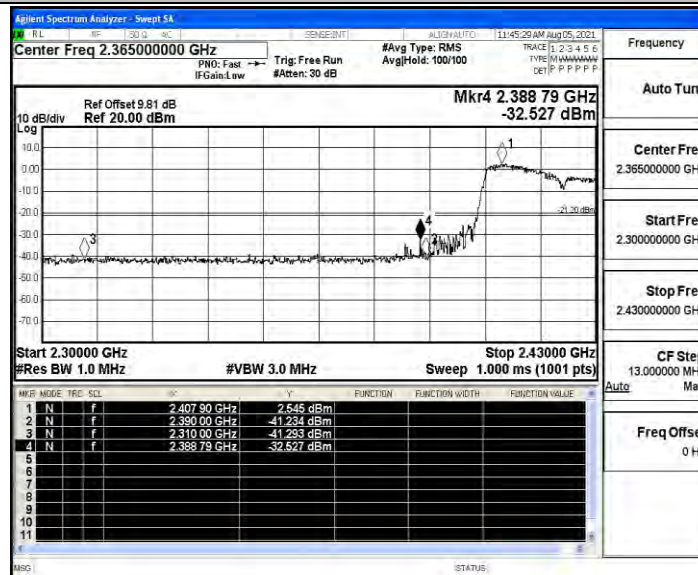
11N20SISO_ANT2_High_2462_Peak



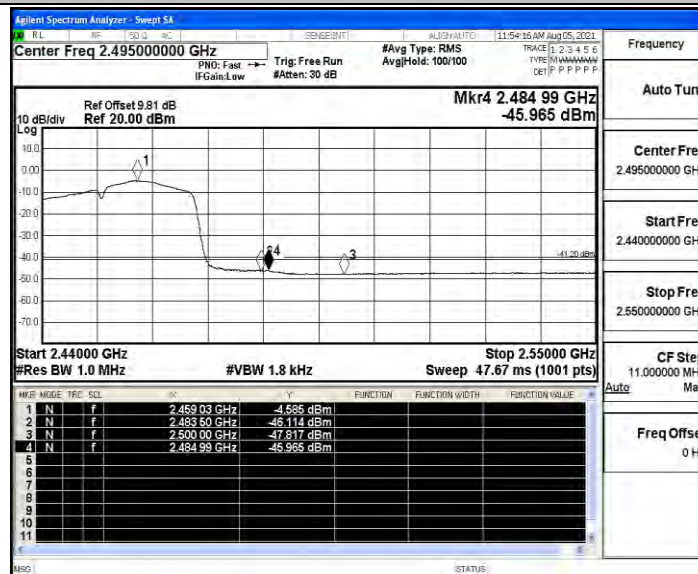
11N40SISO_ANT2_Low_2422_AV



11N40SISO_ANT2_Low_2422_Peak



11N40SISO_ANT2_High_2452_AV





11N40SISO_ANT2_High_2452_Peak

