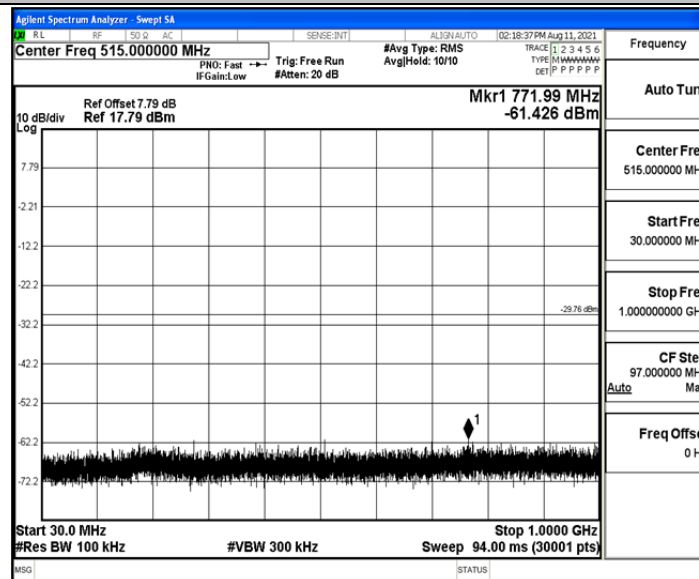
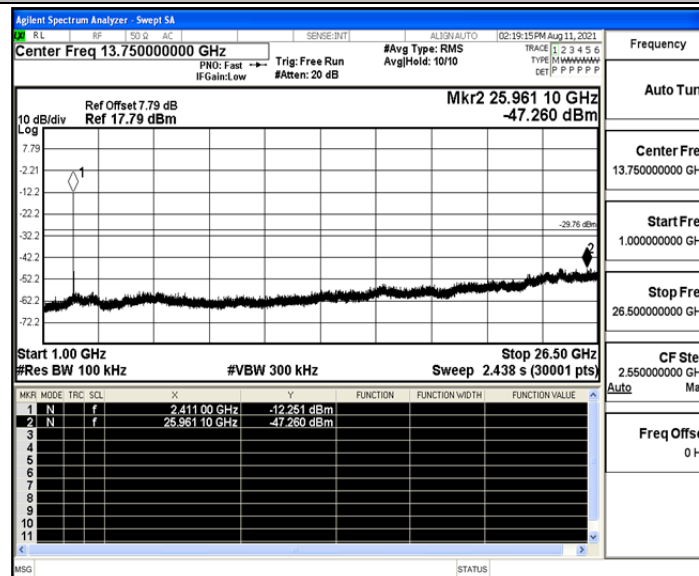




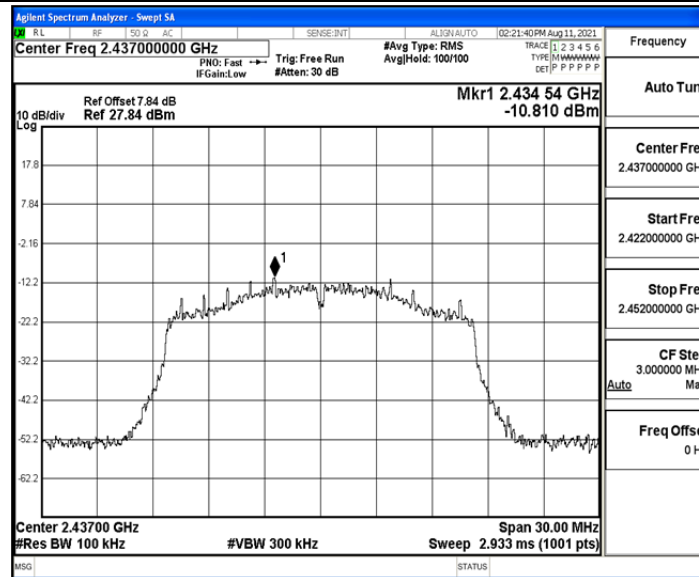
11G_Ant1_2412_30~1000



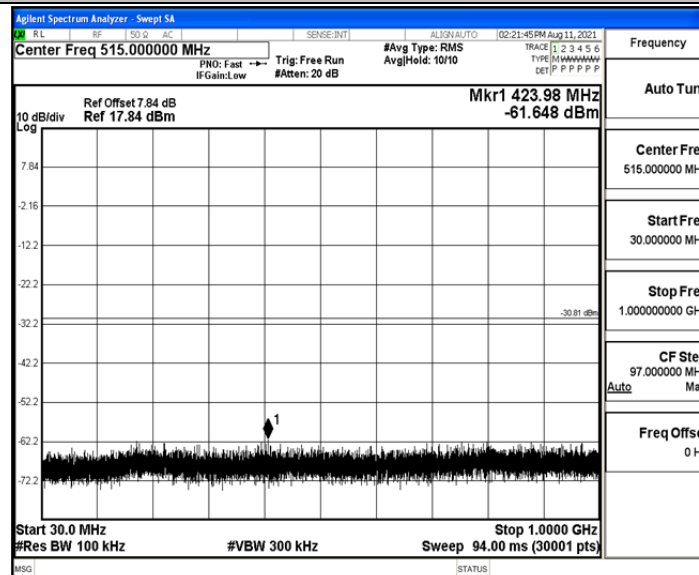
11G_Ant1_2412_1000~26500



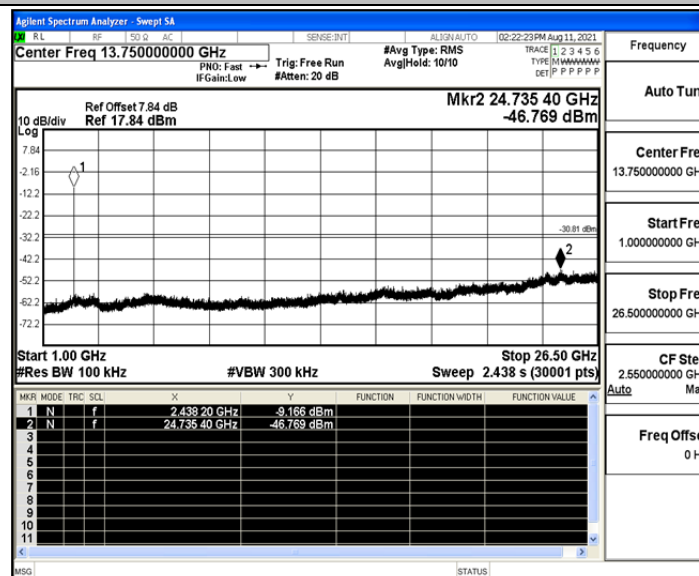
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000

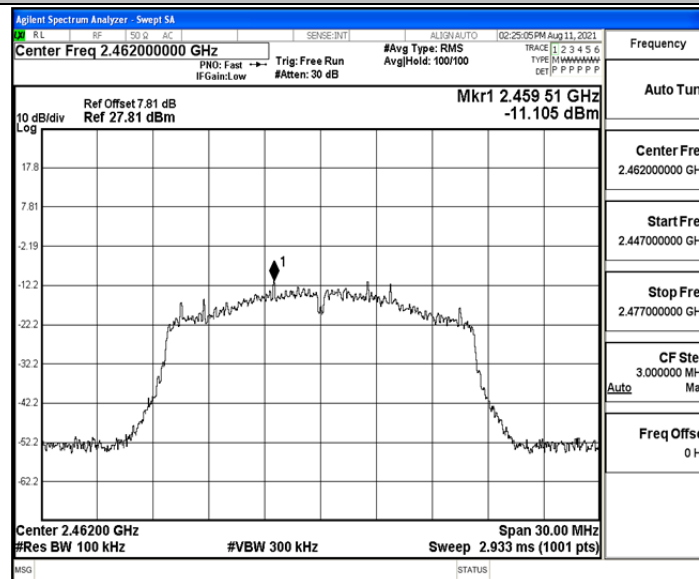


11G_Ant1_2437_1000~26500

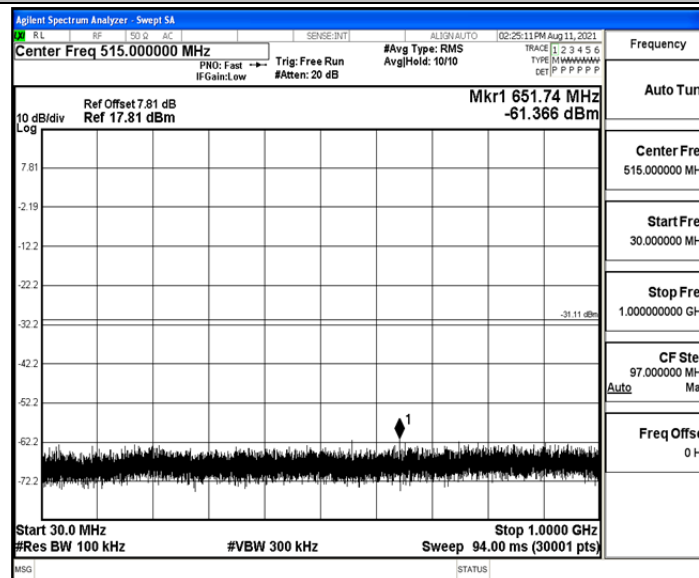




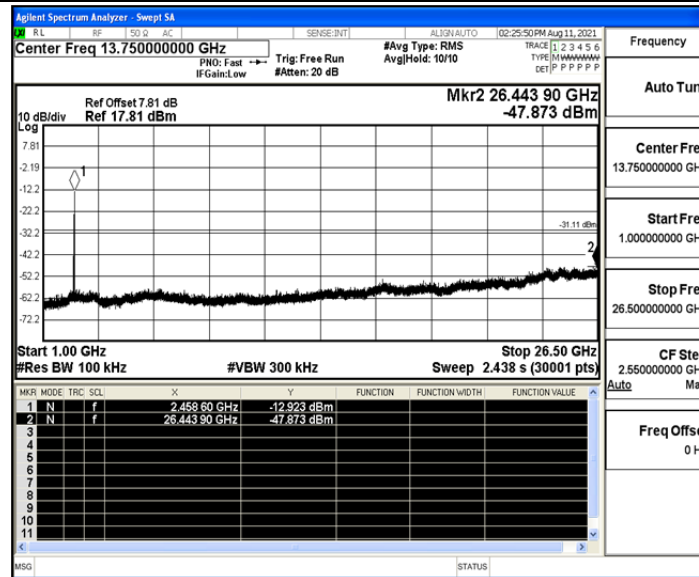
11G_Ant1_2462_0~Reference



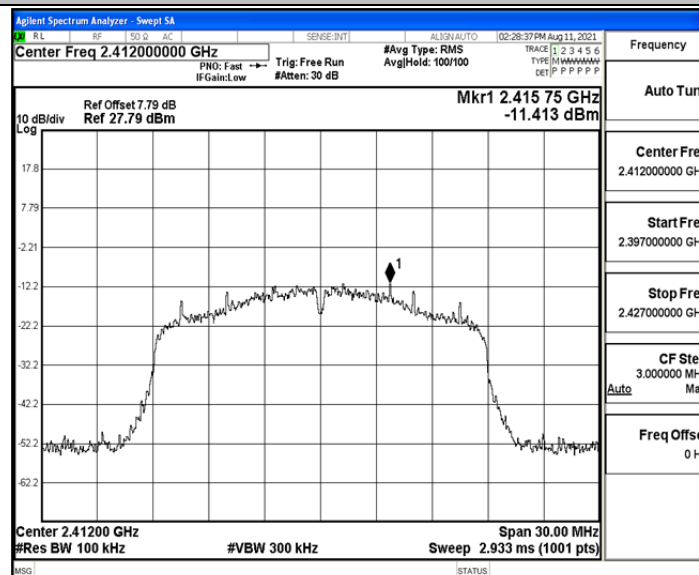
11G_Ant1_2462_30~1000



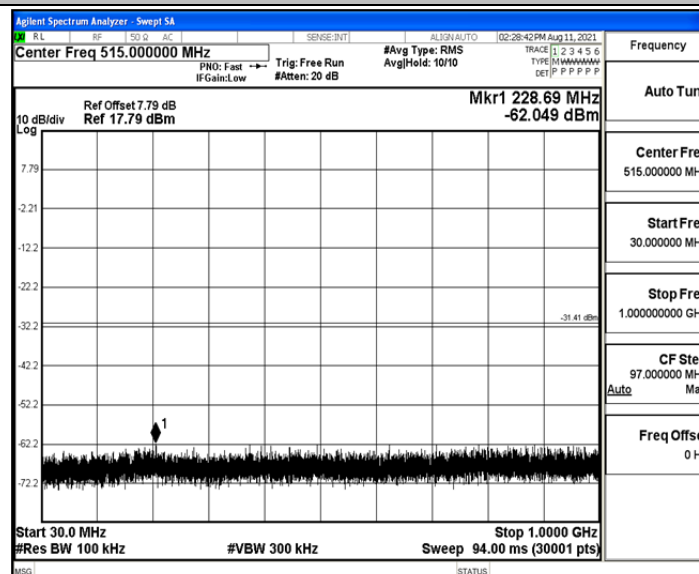
11G_Ant1_2462_1000~26500

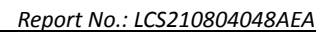


11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



[illegible]

Agilent Spectrum Analyzer - Sweep SA

RL IF SQ G AC FREQ: 2.43700000 GHz

SENSE: [INT] ALIAS: AUTO 02:30:59 PM 01/11/2021

Center Freq 2.43700000 GHz #Avg Type: RMS AvgHold: 100/100

IF Gain: Low Trig: Free Run #Atten: 30 dB

Trace 1: 2 3 4 5 6 Type: [HAWWWWW] Det: [P P P P P P]

Ref Offset 7.84 dB Ref 27.84 dBm

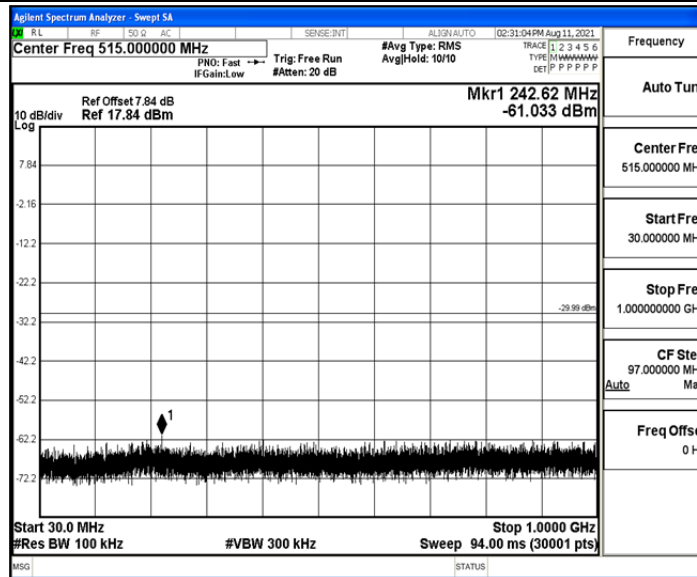
Mkr1 2.435 74 GHz -9.991 dBm

10 dB/div Log

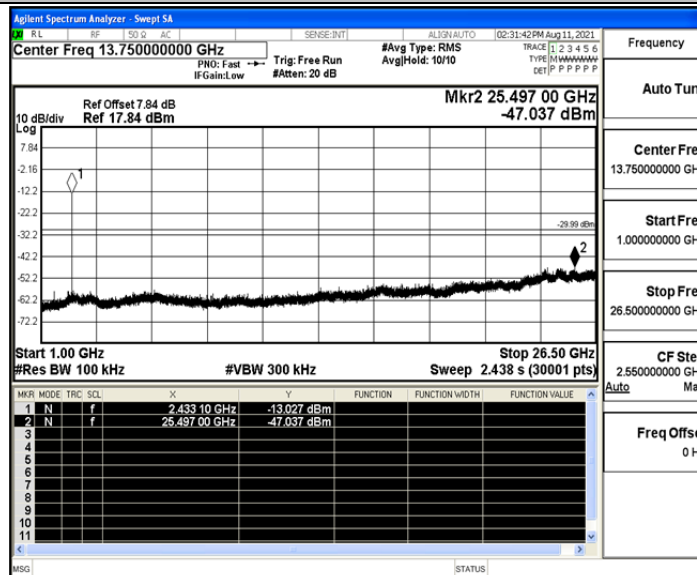
Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz

MSG STATUS Sweep 2.933 ms (1001 pts)

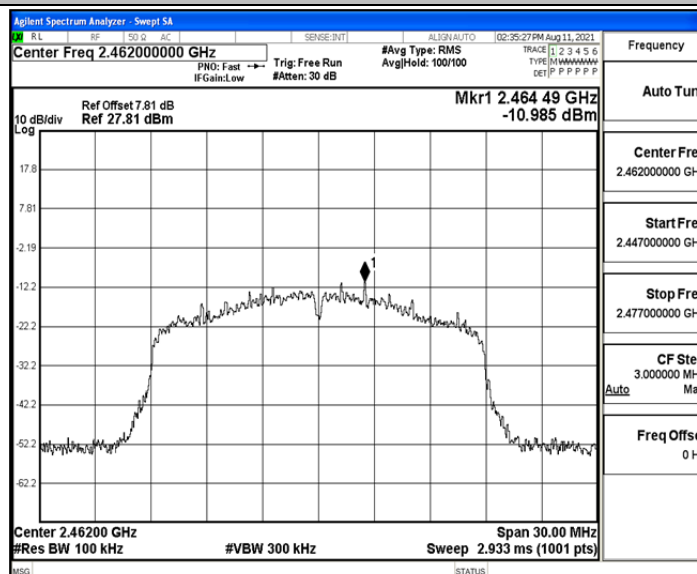
25 / 39



11N20SISO_Ant1_2437_1000~26500

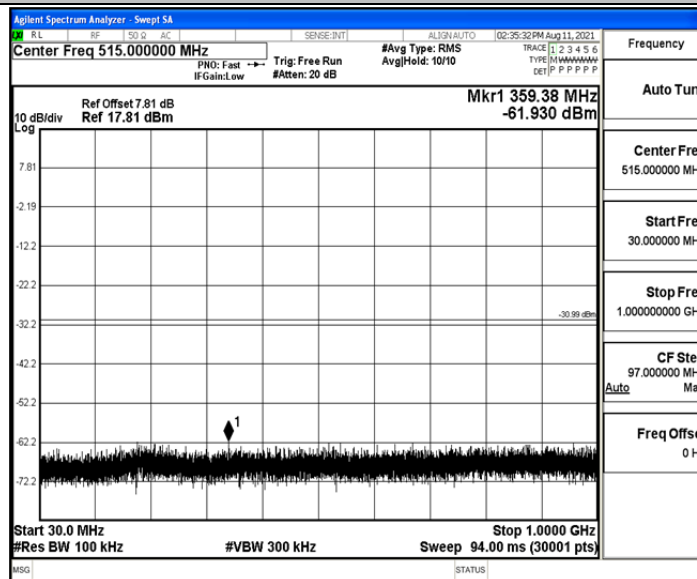


11N20SISO_Ant1_2462_0~Reference

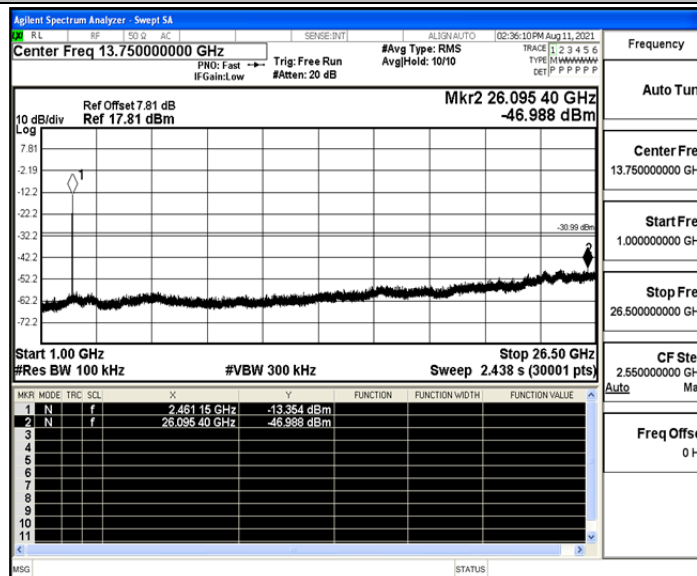




11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500





Appendix A.6: Duty Cycle

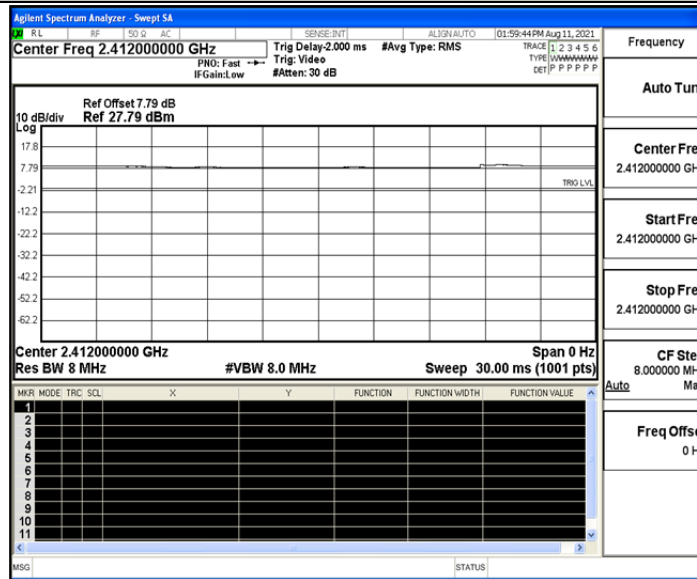
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11G	Ant1	2412	2.79	2.81	99.29	---	PASS
		2437	2.79	2.81	99.29	---	PASS
		2462	7.01	7.03	99.72	---	PASS
11N20SISO	Ant1	2412	3.92	3.94	99.49	---	PASS
		2437	3.92	3.94	99.49	---	PASS
		2462	3.92	3.94	99.49	---	PASS

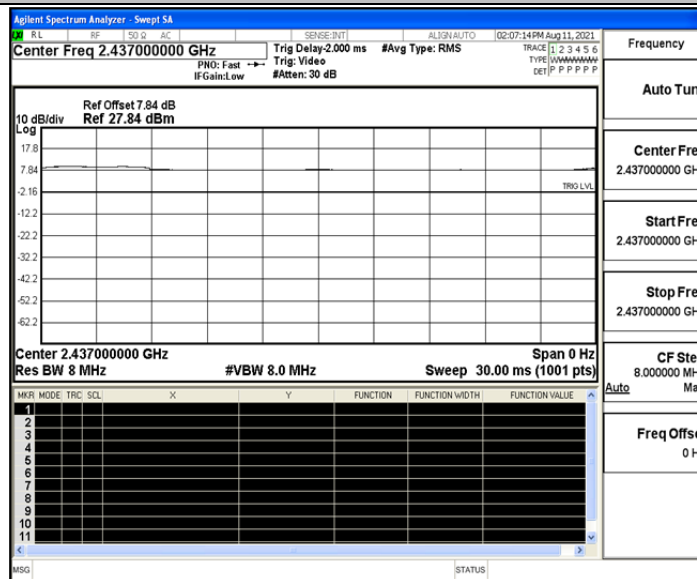


Test Graphs

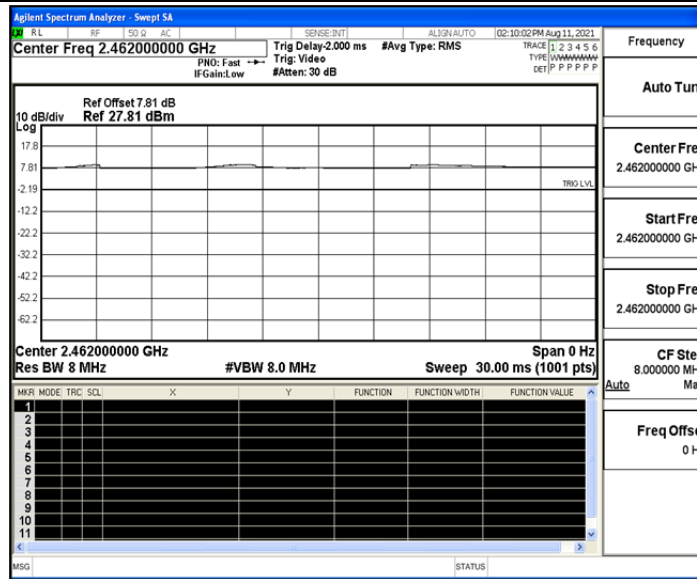
11B_Ant1_2412



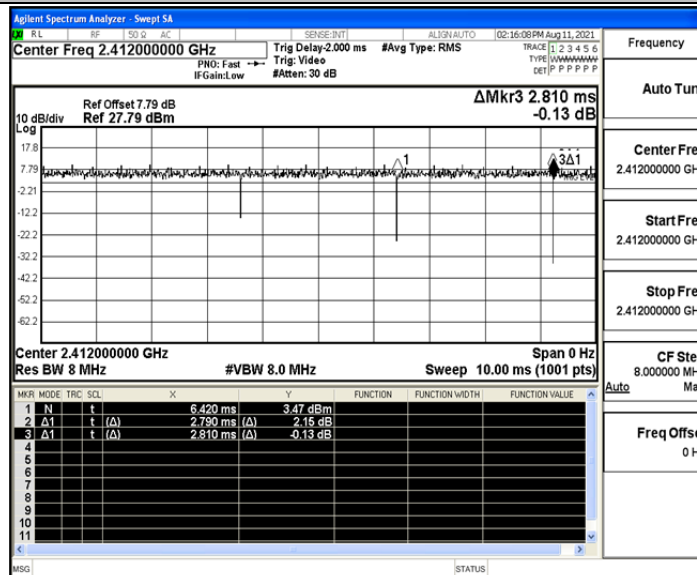
11B_Ant1_2437



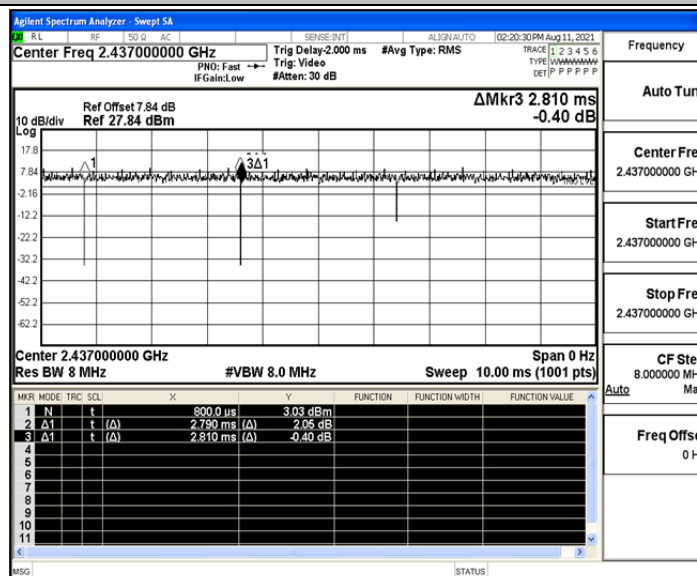
11B_Ant1_2462



11G_Ant1_2412

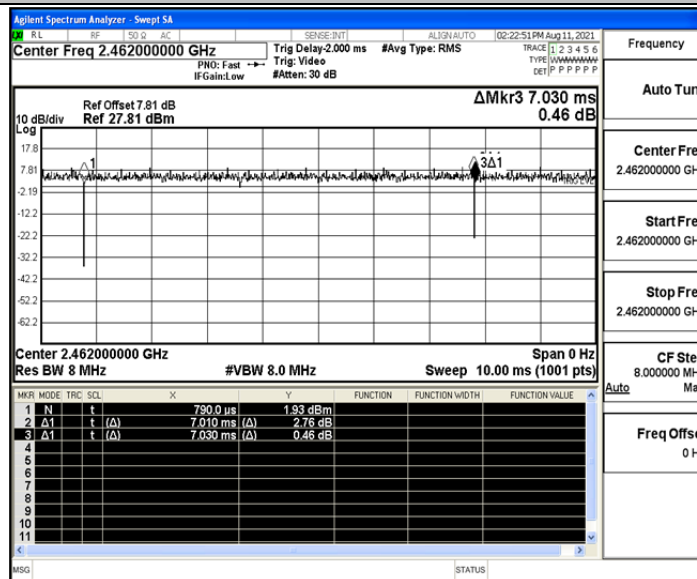


11G_Ant1_2437

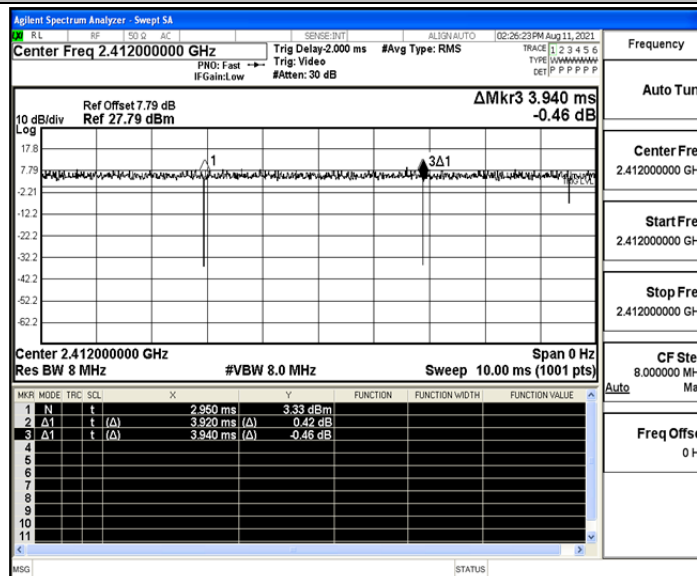




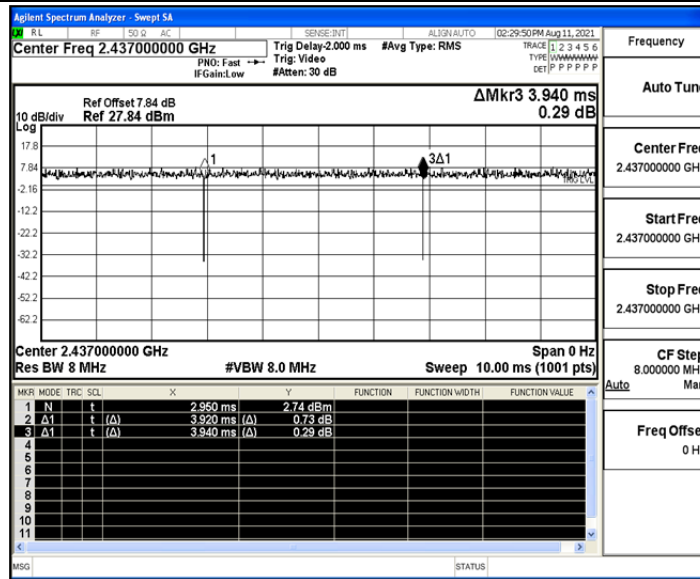
11G_Ant1_2462



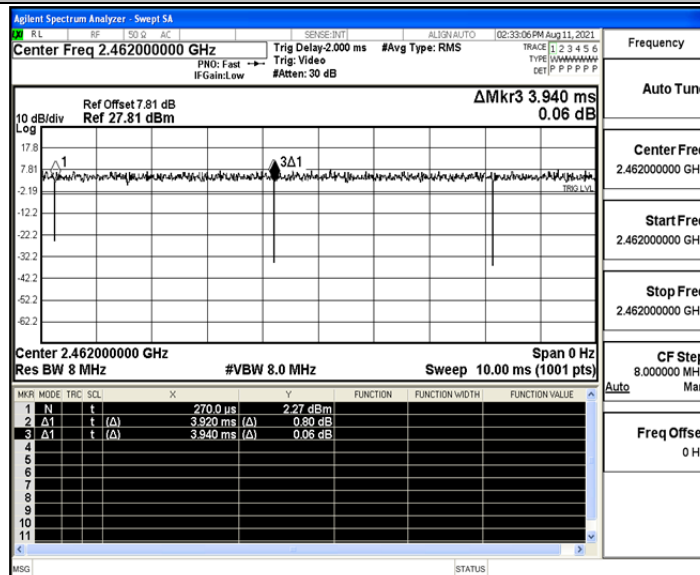
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462





Appendix A.7: Emissions in Restricted Bands

Test Result

TestMod e	Antenn a	ChNam e	Channel	Detecto r	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/ m]	Limit [dBuV/ m]	Verdic t
11B	Ant1	Low	2412	AV	2310.000	-49.28	≤-41.20	45.92	≤54	PASS
				AV	2389.310	-48.85	≤-41.20	46.35	≤54	PASS
				AV	2390.000	-48.86	≤-41.20	46.34	≤54	PASS
				Peak	2310.000	-43.69	≤-21.20	51.51	≤74	PASS
				Peak	2385.540	-38.53	≤-21.20	56.67	≤74	PASS
				Peak	2390.000	-43.68	≤-21.20	51.52	≤74	PASS
		High	2462	AV	2483.500	-48.49	≤-41.20	46.71	≤54	PASS
				AV	2499.950	-48.26	≤-41.20	46.94	≤54	PASS
				AV	2500.000	-48.26	≤-41.20	46.94	≤54	PASS
				Peak	2483.500	-42.78	≤-21.20	52.42	≤74	PASS
				Peak	2486.090	-40.2	≤-21.20	55.00	≤74	PASS
				Peak	2500.000	-43.11	≤-21.20	52.09	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.97	≤-41.20	46.23	≤54	PASS
				AV	2389.830	-48.38	≤-41.20	46.82	≤54	PASS
				AV	2390.000	-48.39	≤-41.20	46.81	≤54	PASS
				Peak	2310.000	-45.07	≤-21.20	50.13	≤74	PASS
				Peak	2341.080	-39.89	≤-21.20	55.31	≤74	PASS
				Peak	2390.000	-44.69	≤-21.20	50.51	≤74	PASS
		High	2462	AV	2483.500	-48.36	≤-41.20	46.84	≤54	PASS
				AV	2499.620	-48.08	≤-41.20	47.12	≤54	PASS
				AV	2500.000	-48.12	≤-41.20	47.08	≤54	PASS
				Peak	2483.500	-42.7	≤-21.20	52.50	≤74	PASS
				Peak	2492.910	-39.43	≤-21.20	55.77	≤74	PASS
				Peak	2500.000	-43.79	≤-21.20	51.41	≤74	PASS
11N20S ISO	Ant1	Low	2412	AV	2310.000	-49.01	≤-41.20	46.19	≤54	PASS
				AV	2385.670	-48.48	≤-41.20	46.72	≤54	PASS
				AV	2390.000	-48.51	≤-41.20	46.69	≤54	PASS
				Peak	2310.000	-44.96	≤-21.20	50.24	≤74	PASS
				Peak	2312.480	-39.88	≤-21.20	55.32	≤74	PASS
				Peak	2390.000	-43.24	≤-21.20	51.96	≤74	PASS
		High	2462	AV	2483.500	-48.4	≤-41.20	46.80	≤54	PASS
				AV	2496.980	-47.99	≤-41.20	47.21	≤54	PASS
				AV	2500.000	-48.06	≤-41.20	47.14	≤54	PASS
				Peak	2483.500	-42.23	≤-21.20	52.97	≤74	PASS
				Peak	2495.220	-38.95	≤-21.20	56.25	≤74	PASS
				Peak	2500.000	-41.57	≤-21.20	53.63	≤74	PASS



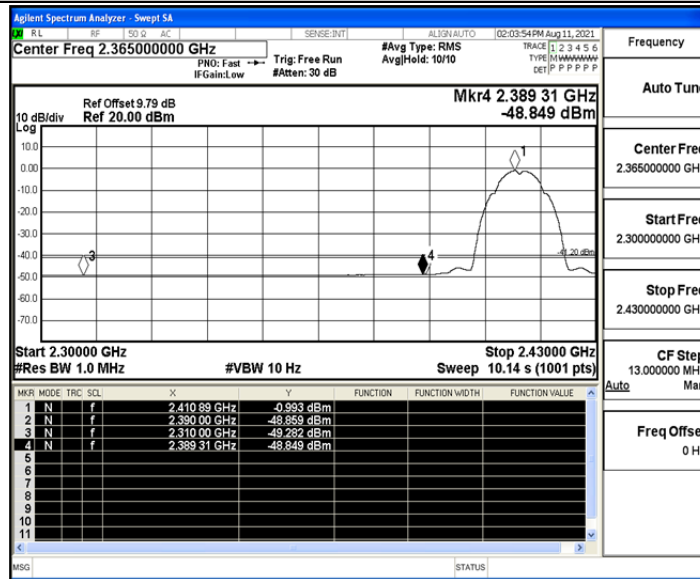
Note:

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.

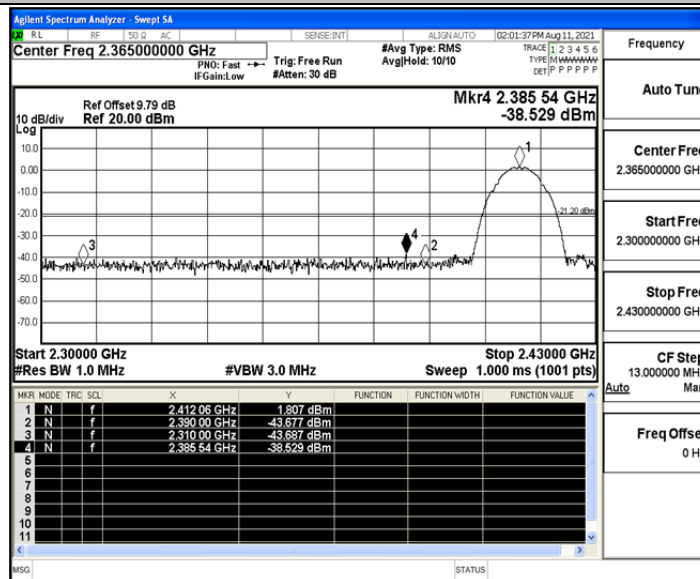


Test Graphs

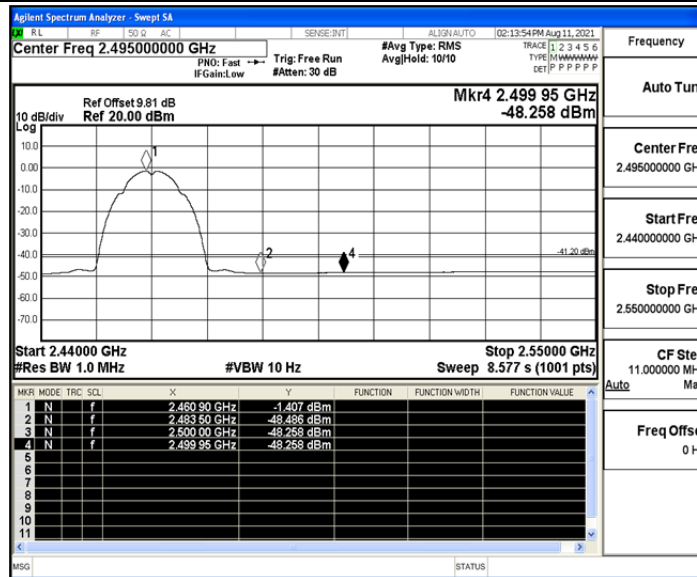
11B_Ant1_Low_2412_AV



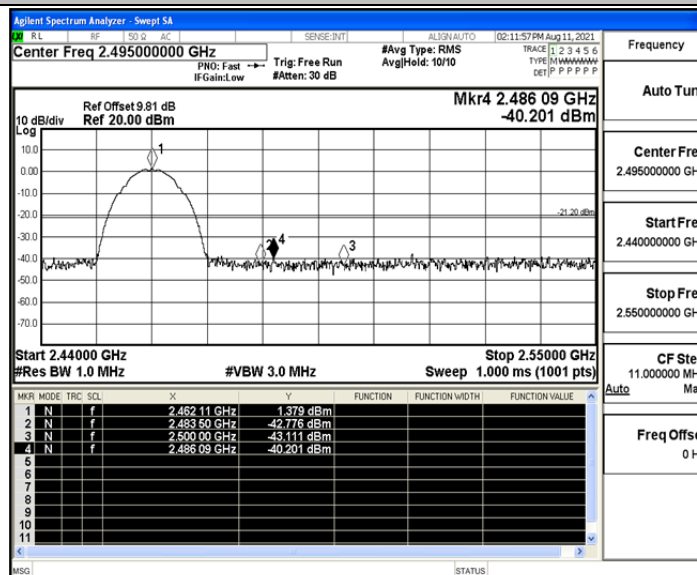
11B_Ant1_Low_2412_Peak



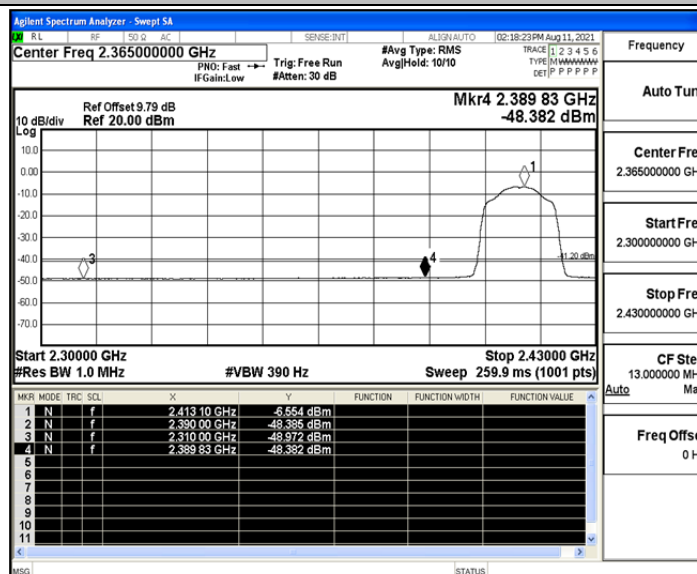
11B_Ant1_High_2462_AV



11B_Ant1_High_2462_Peak

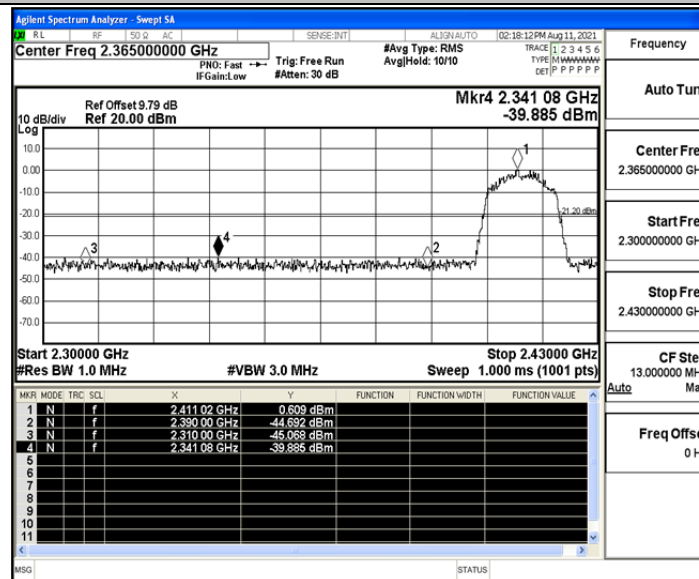


11G_Ant1_Low_2412_AV

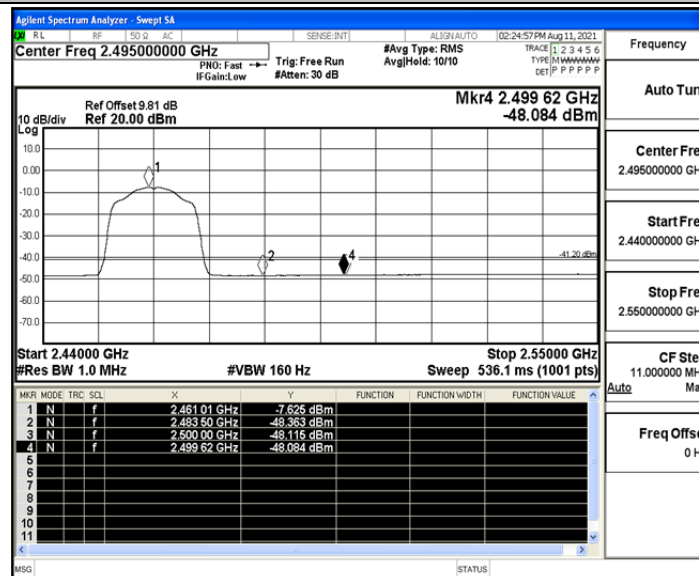




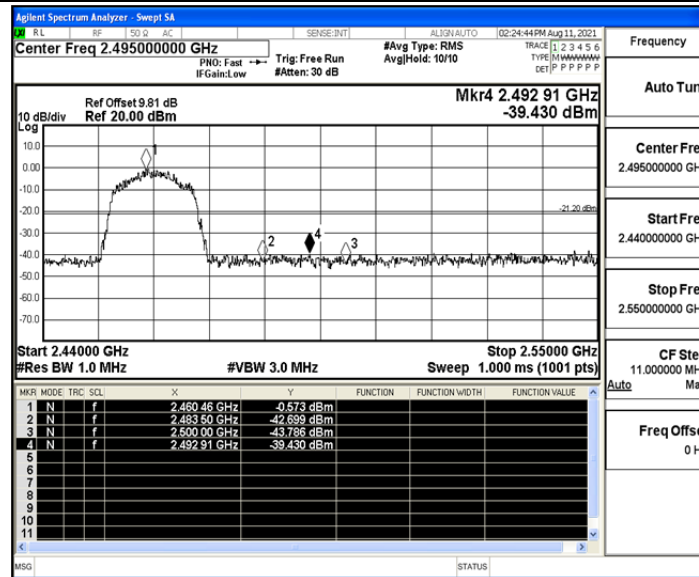
11G_Ant1_Low_2412_Peak



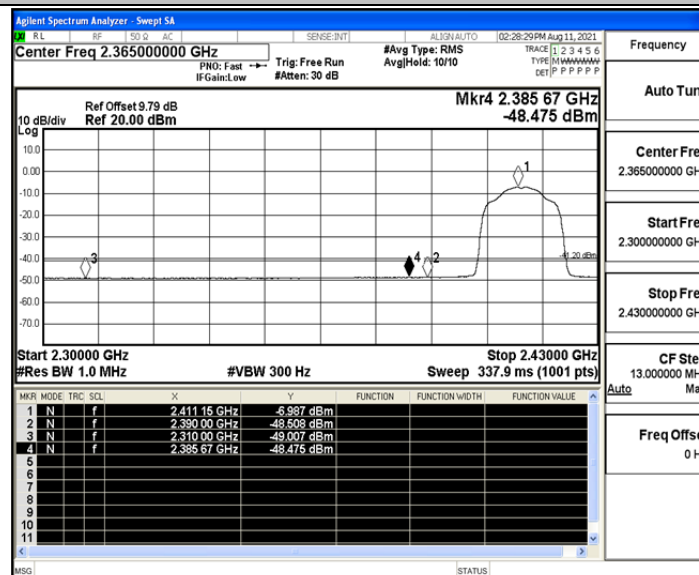
11G_Ant1_High_2462_AV



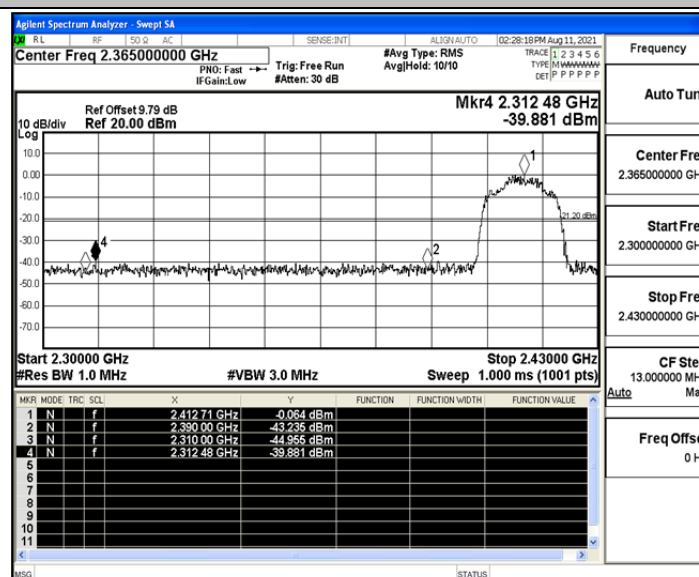
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV

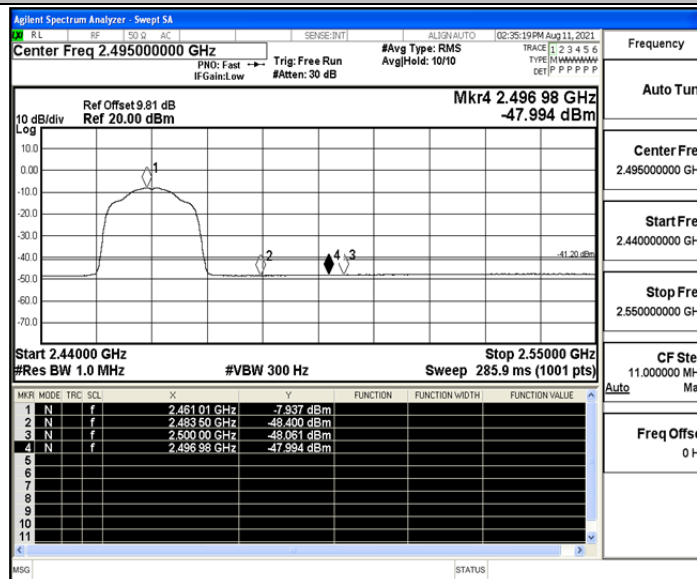


11N20SISO_Ant1_Low_2412_Peak





11N20SISO_Ant1_High_2462_AV



11N20SISO_Ant1_High_2462_Peak

