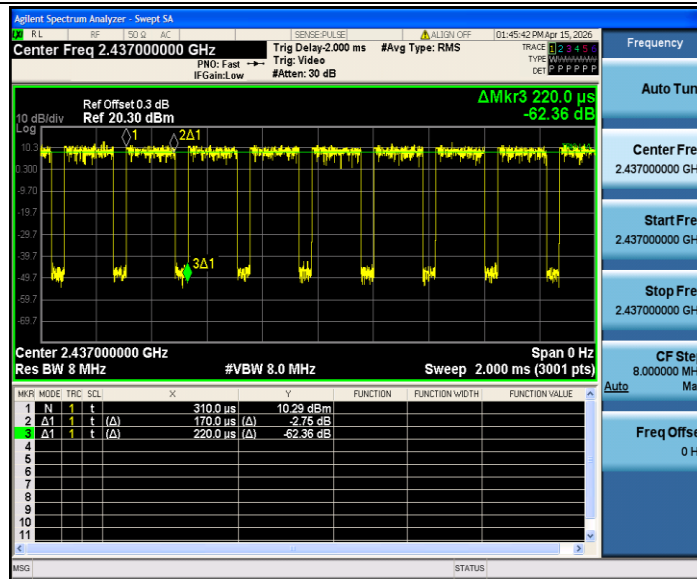
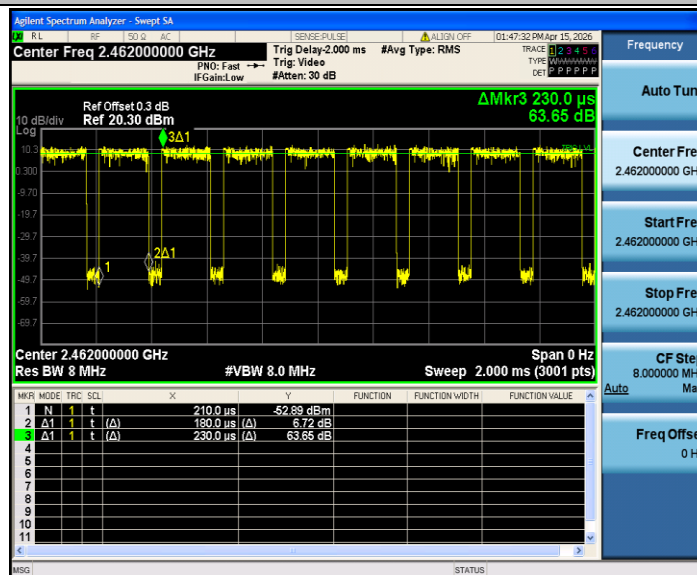
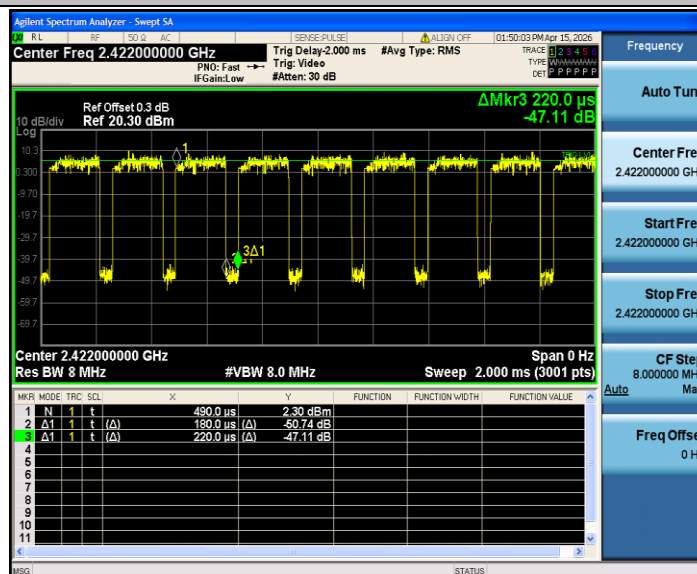




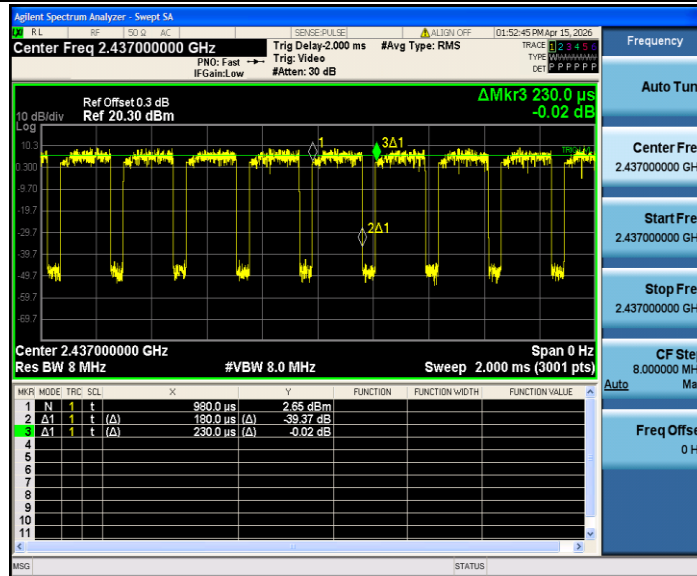
11N20SISO_Ant1_2462



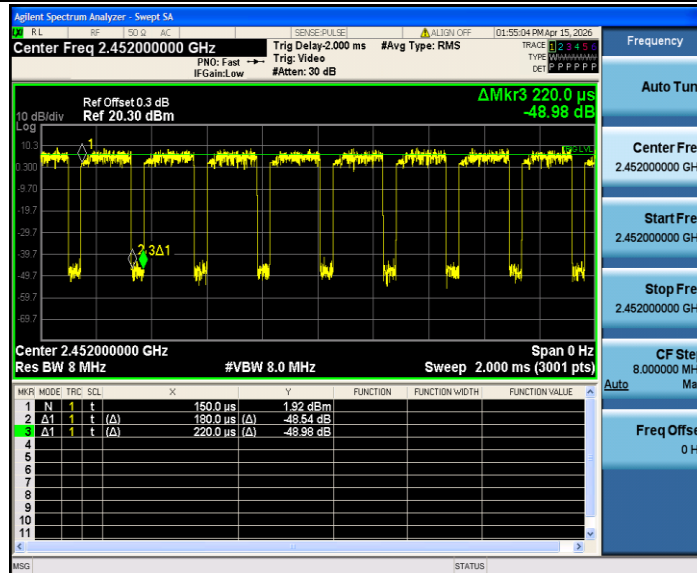
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix H: Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-59.9	2.55	0.02	37.87	≤54	PASS
				AV	2385.800	-55.16	2.55	0.02	42.61	≤54	PASS
				AV	2390.000	-56.49	2.55	0.02	41.28	≤54	PASS
				Peak	2310.000	-51.78	2.55	0.00	45.97	≤74	PASS
				Peak	2389.830	-46.86	2.55	0.00	50.89	≤74	PASS
				Peak	2390.000	-48.74	2.55	0.00	49.01	≤74	PASS
		High	2462	AV	2483.500	-55.33	2.55	0.03	42.45	≤54	PASS
				AV	2488.070	-55.36	2.55	0.03	42.42	≤54	PASS
				AV	2500.000	-58.43	2.55	0.03	39.35	≤54	PASS
				Peak	2483.500	-49.86	2.55	0.00	47.89	≤74	PASS
				Peak	2487.630	-47.21	2.55	0.00	50.54	≤74	PASS
				Peak	2500.000	-50.66	2.55	0.00	47.09	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-60.13	2.55	1.25	38.87	≤54	PASS
				AV	2389.310	-58.7	2.55	1.25	40.3	≤54	PASS
				AV	2390.000	-59.49	2.55	1.25	39.51	≤54	PASS
				Peak	2310.000	-51.05	2.55	0.00	46.7	≤74	PASS
				Peak	2386.060	-48.91	2.55	0.00	48.84	≤74	PASS
				Peak	2390.000	-52.02	2.55	0.00	45.73	≤74	PASS
		High	2462	AV	2483.500	-58.84	2.55	1.03	39.94	≤54	PASS
				AV	2484.000	-58.48	2.55	1.03	40.3	≤54	PASS
				AV	2500.000	-59.39	2.55	1.03	39.39	≤54	PASS
				Peak	2483.500	-51.16	2.55	0.00	46.59	≤74	PASS
				Peak	2495.000	-48.35	2.55	0.00	49.4	≤74	PASS
				Peak	2500.000	-51.72	2.55	0.00	46.03	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-60.09	2.55	1.12	38.78	≤54	PASS
				AV	2388.790	-58.52	2.55	1.12	40.35	≤54	PASS
				AV	2390.000	-59.17	2.55	1.12	39.7	≤54	PASS
				Peak	2310.000	-52.49	2.55	0.00	45.26	≤74	PASS
				Peak	2379.430	-48.79	2.55	0.00	48.96	≤74	PASS
				Peak	2390.000	-52.35	2.55	0.00	45.4	≤74	PASS
		High	2462	AV	2483.500	-58.93	2.55	1.06	39.88	≤54	PASS
				AV	2488.730	-58.17	2.55	1.06	40.64	≤54	PASS
				AV	2500.000	-59.63	2.55	1.06	39.18	≤54	PASS
				Peak	2483.500	-49.15	2.55	0.00	48.6	≤74	PASS
				Peak	2491.810	-48.92	2.55	0.00	48.83	≤74	PASS

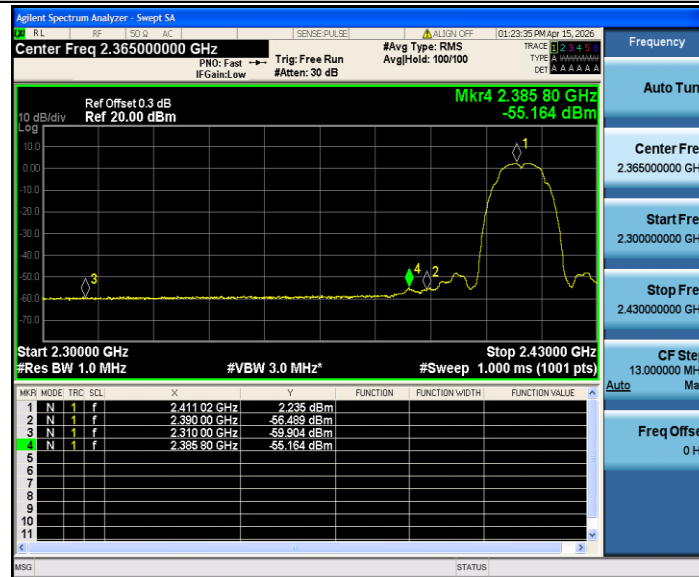
				Peak	2500.000	-49.66	2.55	0.00	48.09	≤74	PASS
11N40SIS O	Ant1	Low	2422	AV	2310.000	-59.95	2.55	0.87	38.67	≤54	PASS
				AV	2387.600	-58.33	2.55	0.87	40.29	≤54	PASS
				AV	2390.000	-58.66	2.55	0.87	39.96	≤54	PASS
				Peak	2310.000	-52.12	2.55	0.00	45.63	≤74	PASS
				Peak	2385.650	-47.73	2.55	0.00	50.02	≤74	PASS
				Peak	2390.000	-51.81	2.55	0.00	45.94	≤74	PASS
		High	2452	AV	2483.500	-57.81	2.55	0.87	40.81	≤54	PASS
				AV	2484.125	-57.74	2.55	0.87	40.88	≤54	PASS
				AV	2500.000	-58.57	2.55	0.87	40.05	≤54	PASS
				Peak	2483.500	-49.74	2.55	0.00	48.01	≤74	PASS
				Peak	2495.000	-47.96	2.55	0.00	49.79	≤74	PASS
				Peak	2500.000	-50.86	2.55	0.00	46.89	≤74	PASS

Note:

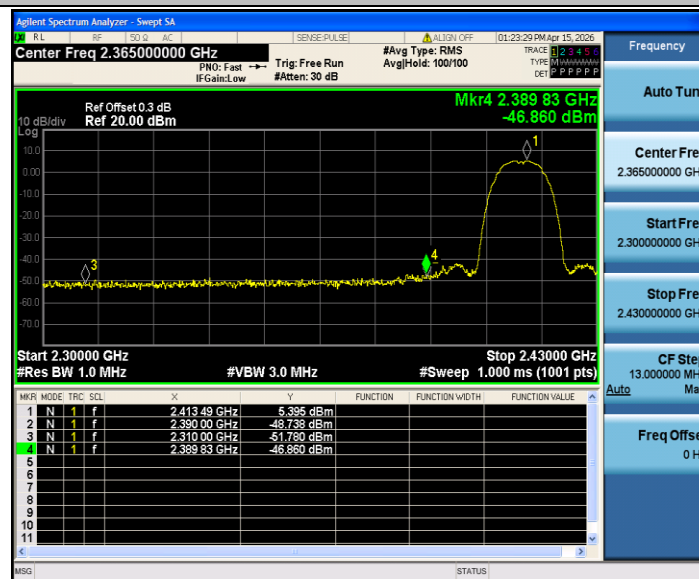
The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

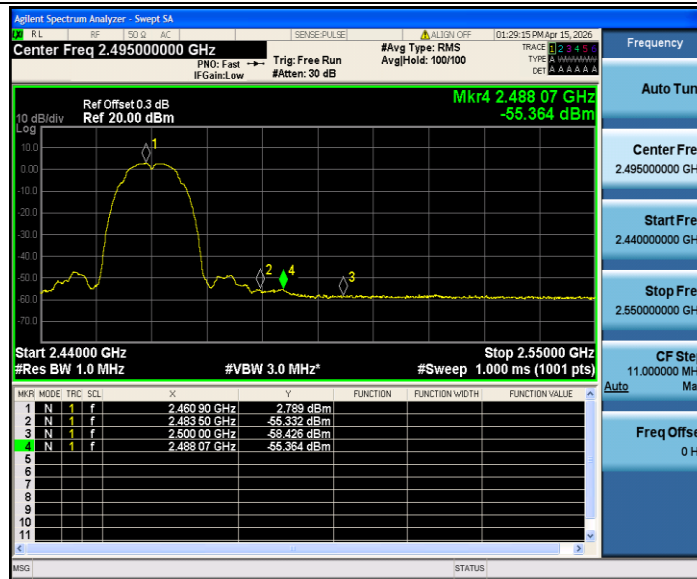
11B_Ant1_Low_2412_AV



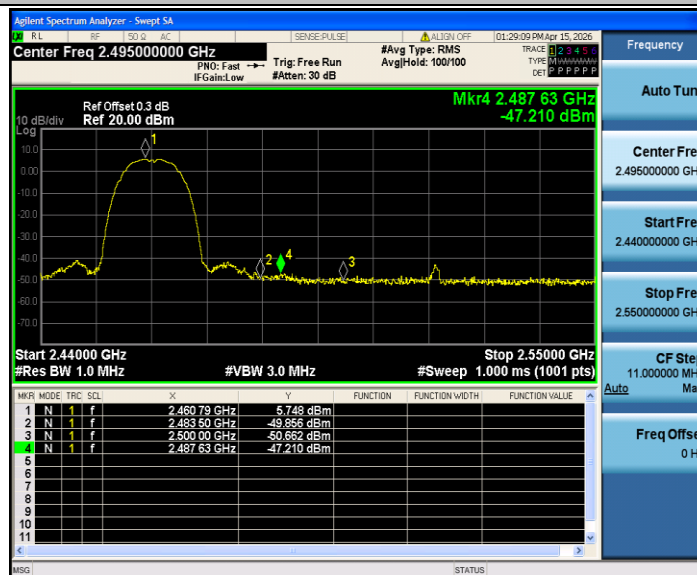
11B_Ant1_Low_2412_Peak



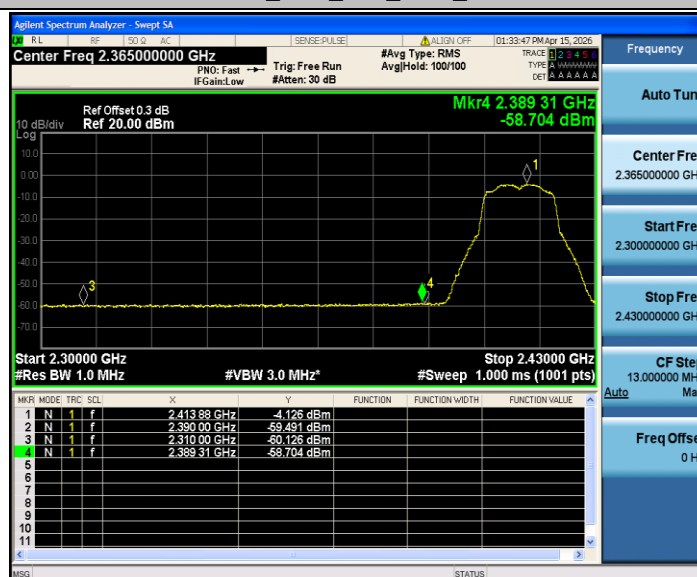
11B_Ant1_High_2462_AV



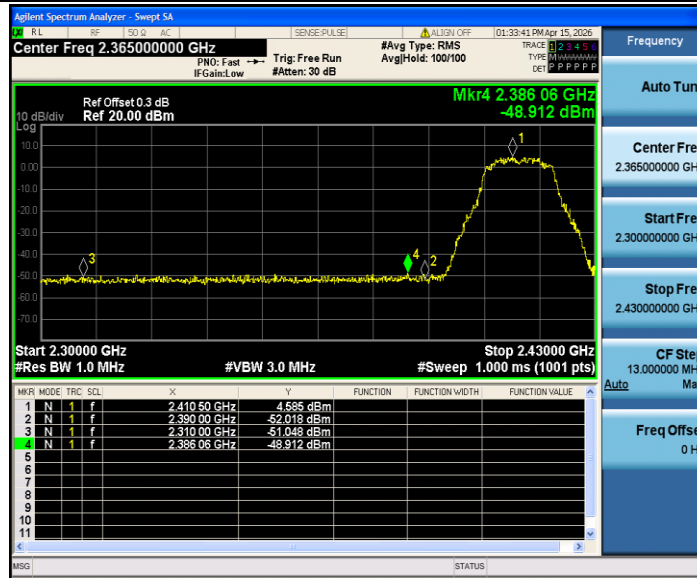
11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV



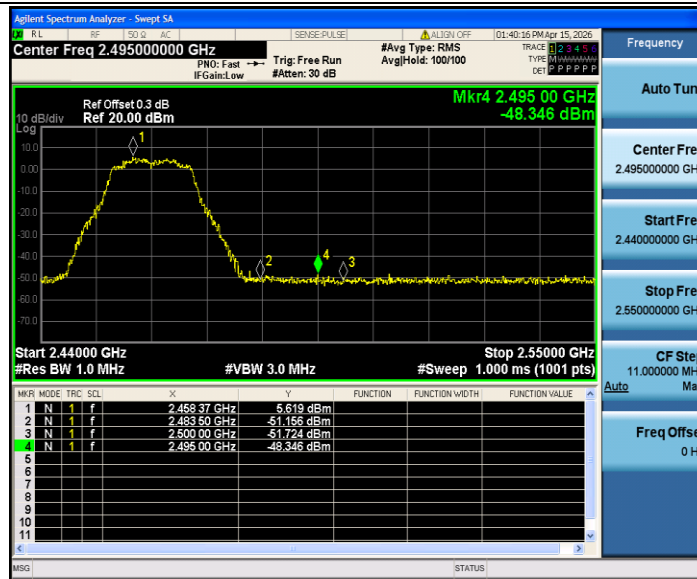
11G_Ant1_Low_2412_Peak



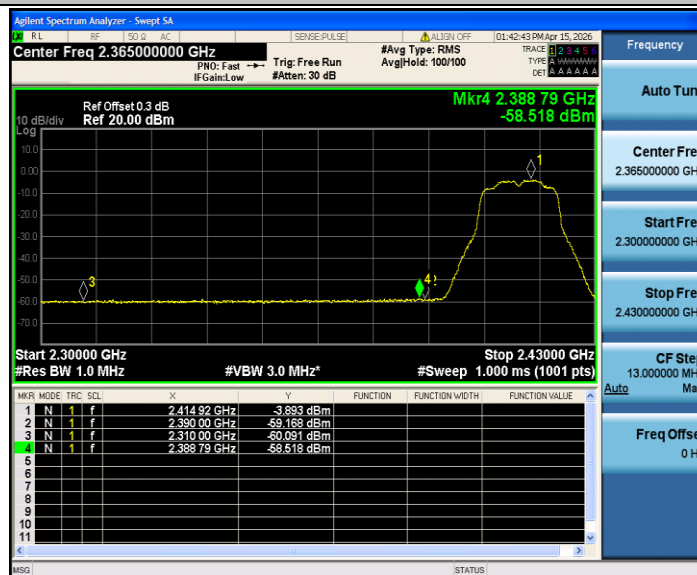
11G_Ant1_High_2462_AV



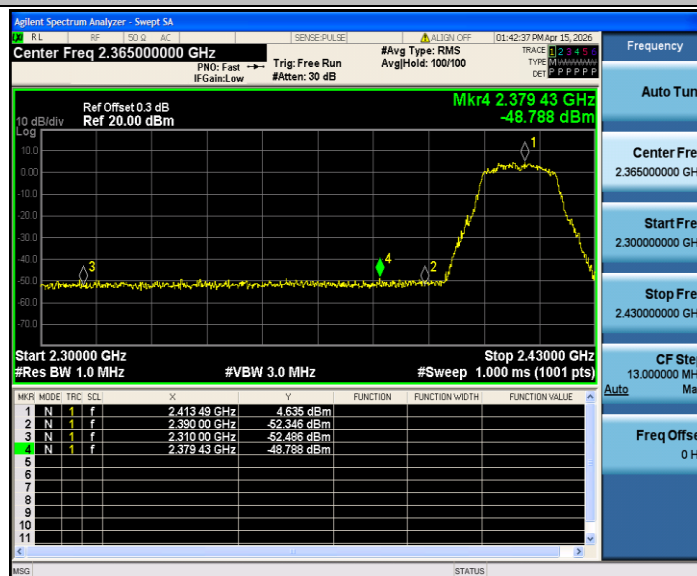
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV



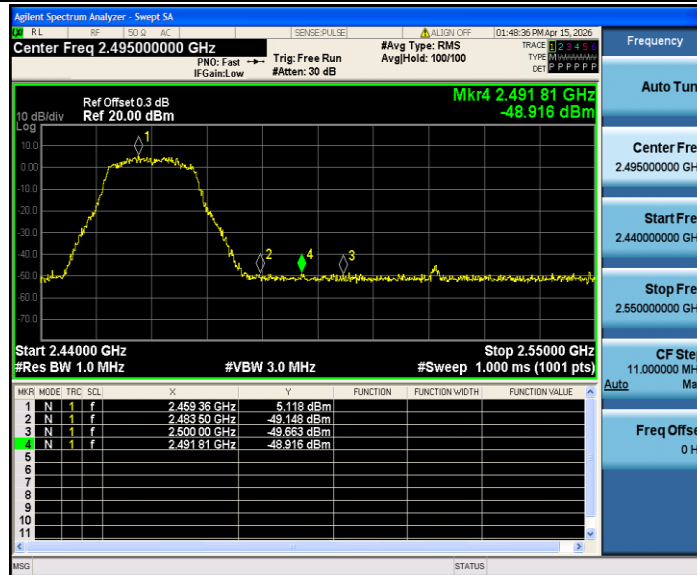
11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



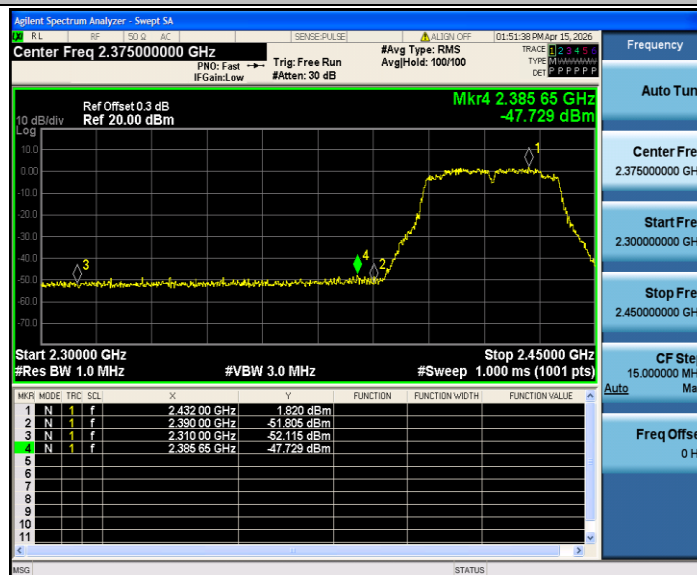
11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV



11N40SISO_Ant1_High_2452_Peak



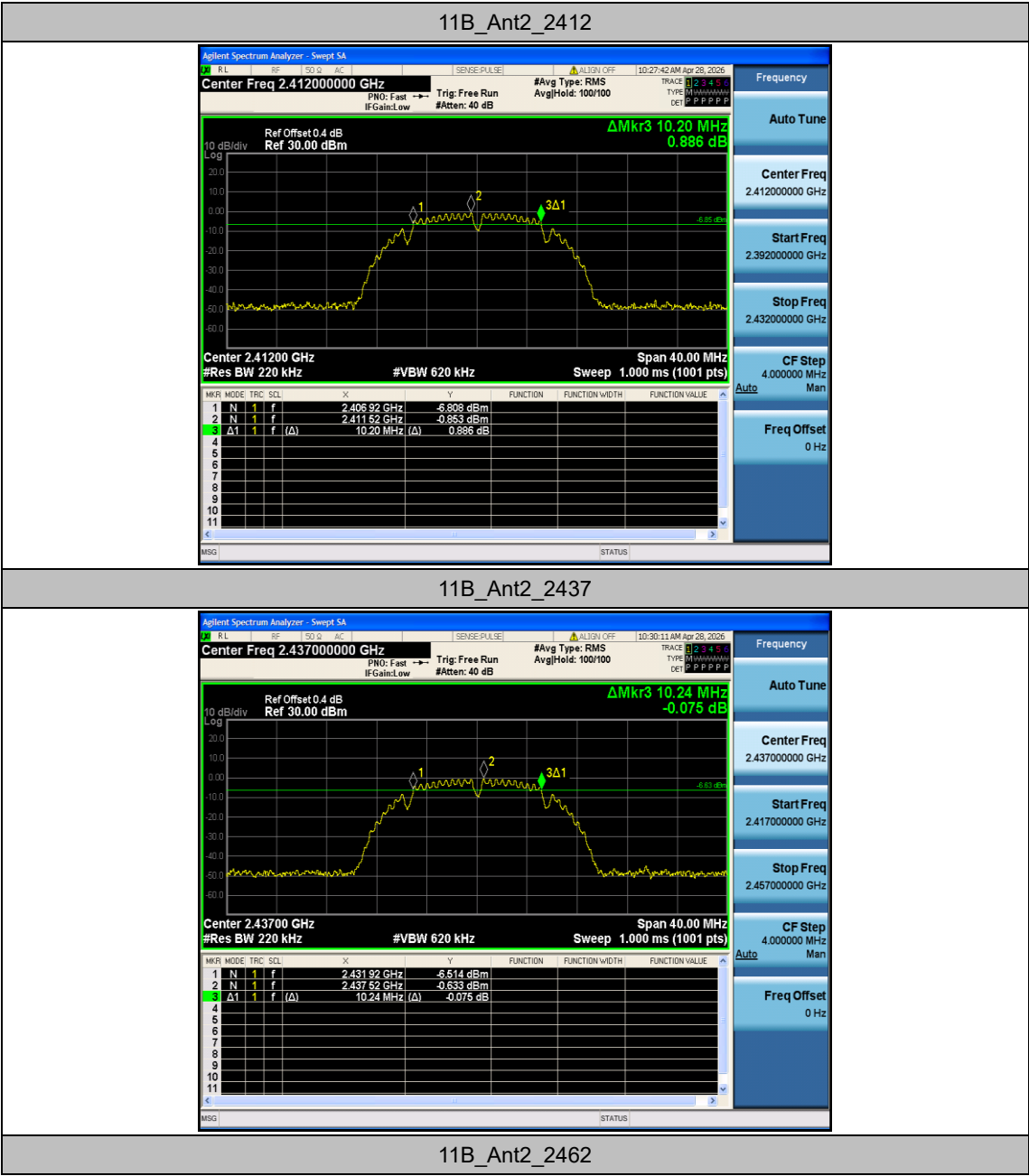
FCC Appendix RF Test Data for 2.4GWIFI Ant 2

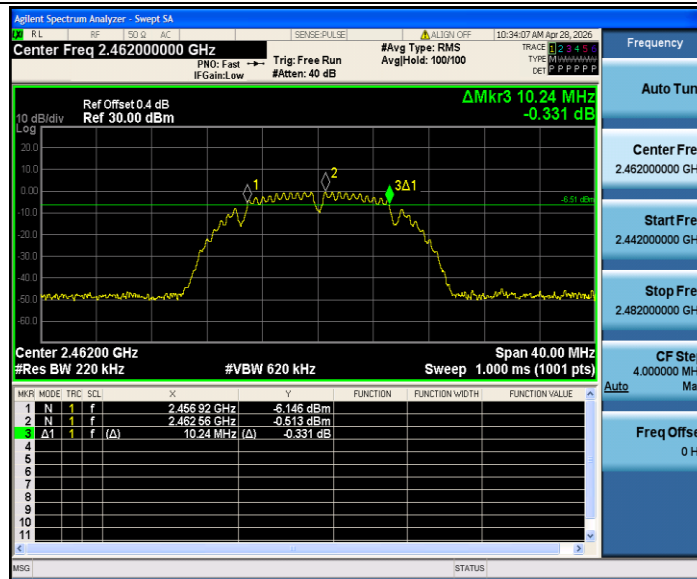
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.200	2406.920	2417.120	0.5	PASS
		2437	10.240	2431.920	2442.160	0.5	PASS
		2462	10.240	2456.920	2467.160	0.5	PASS
11G	Ant2	2412	15.520	2404.440	2419.960	0.5	PASS
		2437	15.680	2429.040	2444.720	0.5	PASS
		2462	15.720	2454.120	2469.840	0.5	PASS
11N20SISO	Ant2	2412	16.840	2403.680	2420.520	0.5	PASS
		2437	16.320	2428.640	2444.960	0.5	PASS
		2462	17.080	2453.520	2470.600	0.5	PASS
11N40SISO	Ant2	2422	35.760	2404.160	2439.920	0.5	PASS
		2437	35.440	2419.560	2455.000	0.5	PASS
		2452	35.840	2434.080	2469.920	0.5	PASS

Test Graphs





11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437