

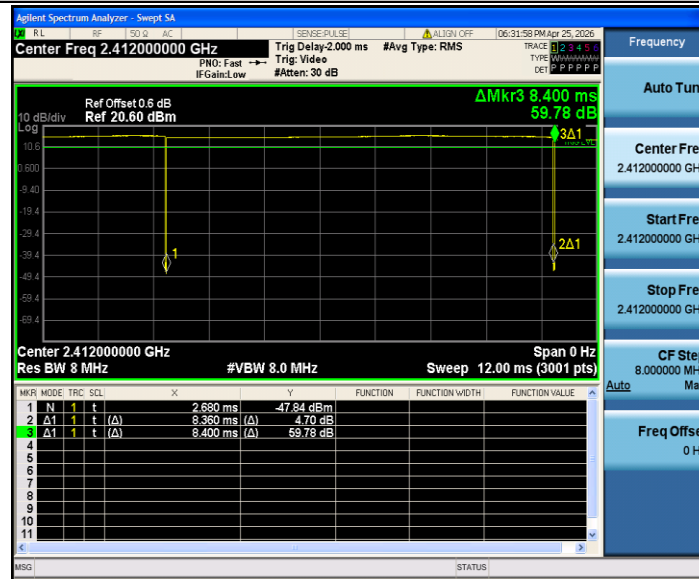
Appendix G: Duty Cycle

Test Result

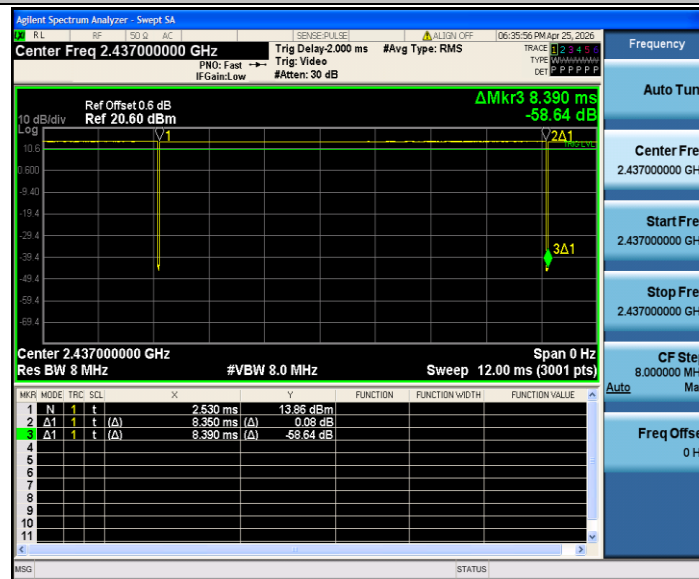
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	T Factor [dB]
11B	Ant1	2412	8.36	8.40	99.52	0.02	0.12
		2437	8.35	8.39	99.52	0.02	0.12
		2462	8.35	8.40	99.40	0.03	0.12
11G	Ant1	2412	0.15	0.19	78.95	1.03	6.67
		2437	0.15	0.19	78.95	1.03	6.67
		2462	0.15	0.19	78.95	1.03	6.67
11N20SISO	Ant1	2412	0.18	0.23	78.26	1.06	5.56
		2437	0.18	0.22	81.82	0.87	5.56
		2462	0.17	0.22	77.27	1.12	5.88

Test Graphs

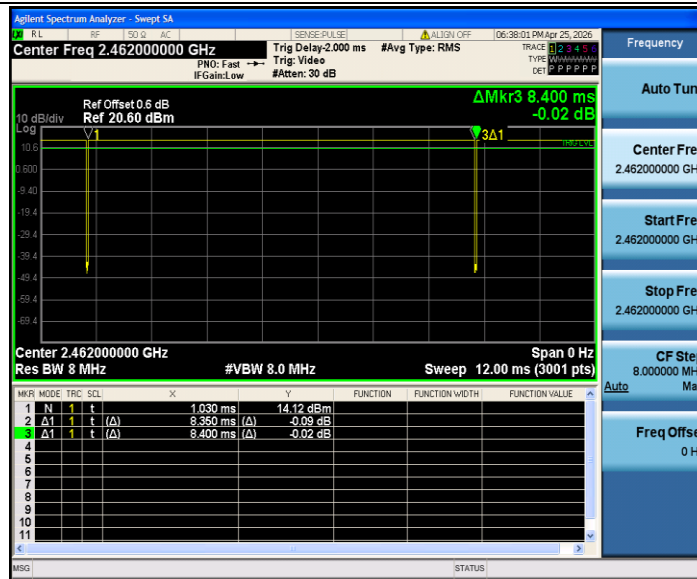
11B_Ant1_2412



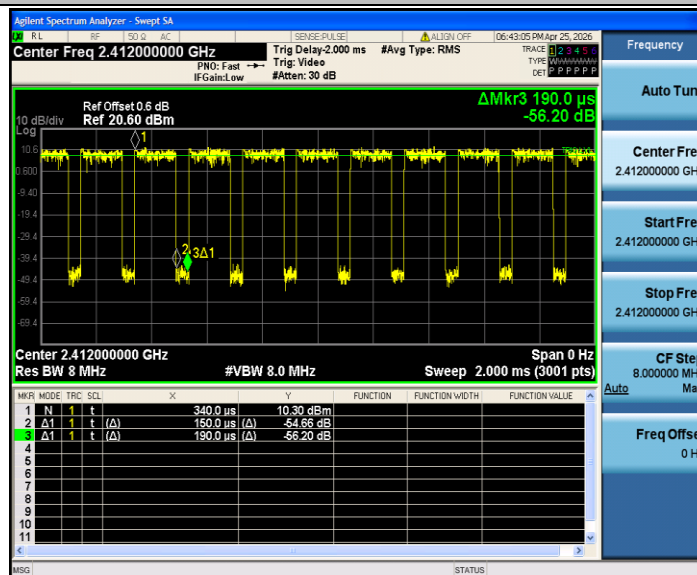
11B_Ant1_2437



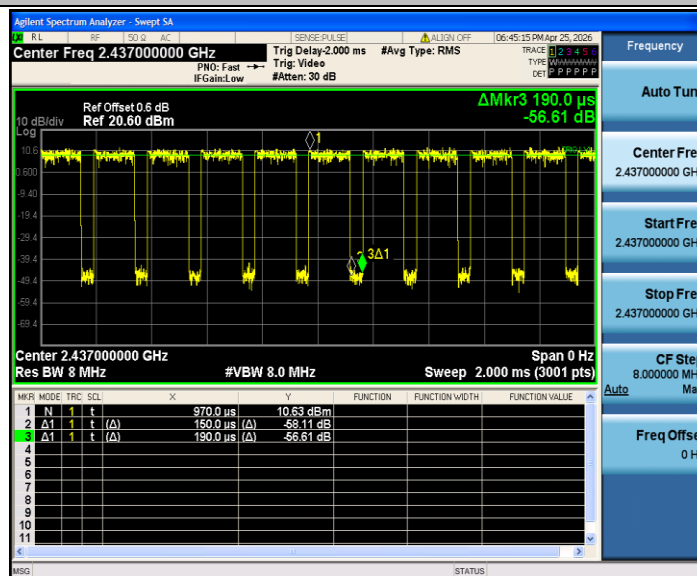
11B_Ant1_2462



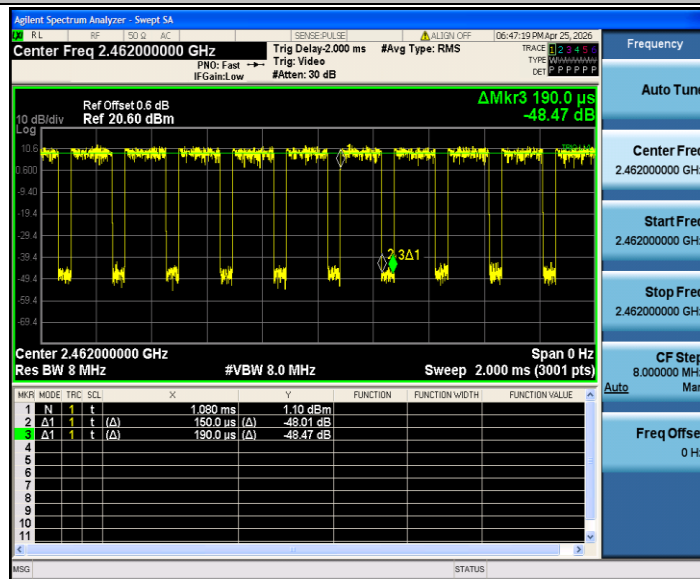
11G_Ant1_2412



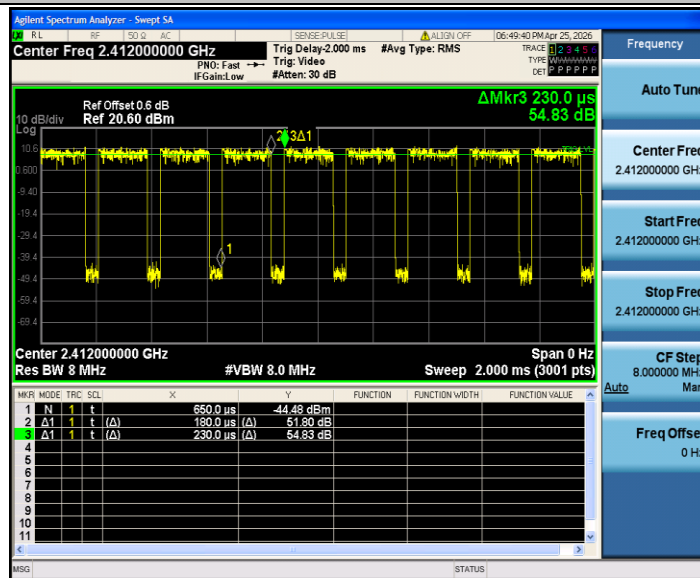
11G_Ant1_2437



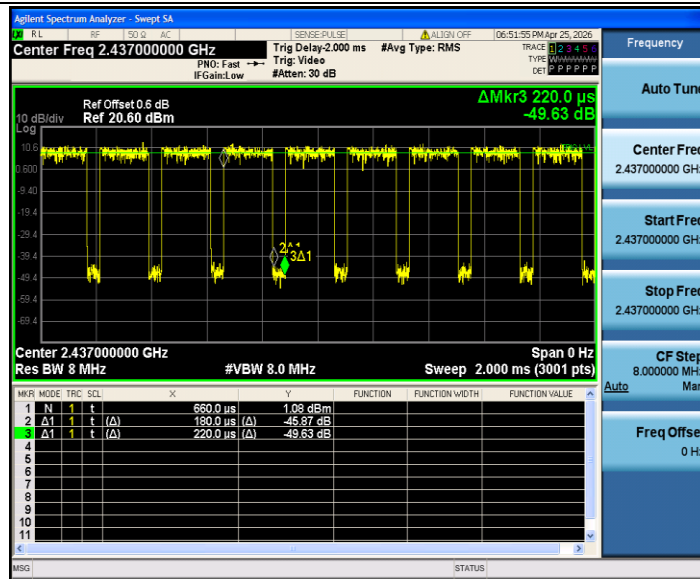
11G_Ant1_2462



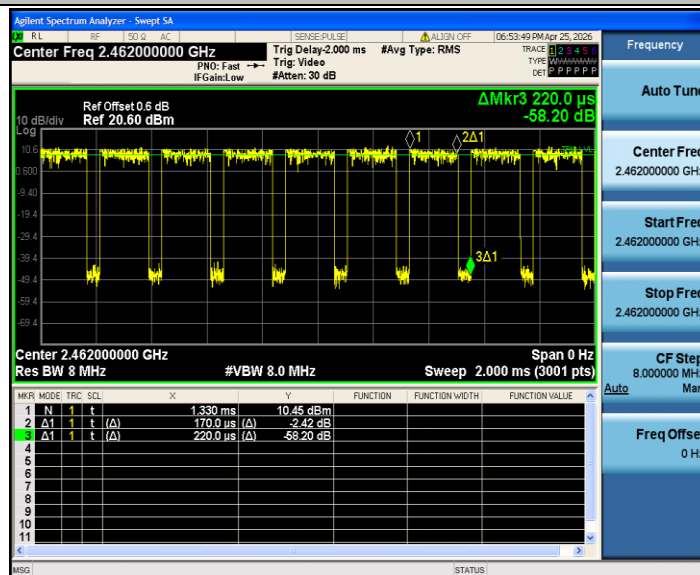
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix H: Emissions in Restricted Bands

Test Result

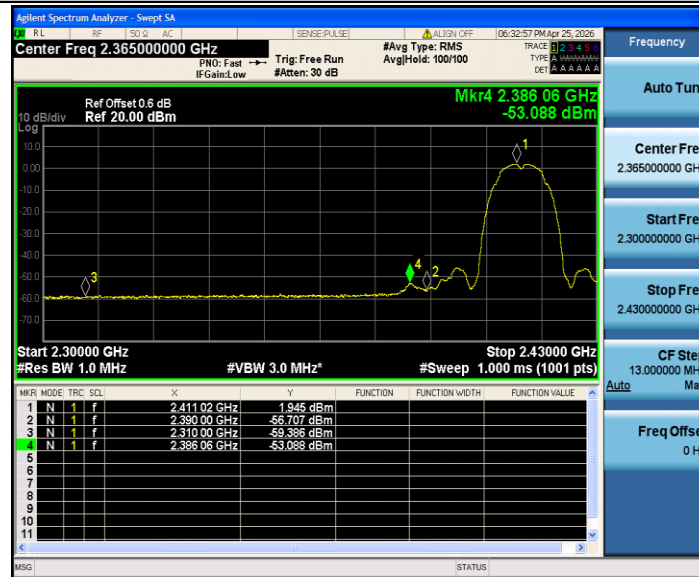
TestMod e	Antenn a	ChNam e	Frequen cy[MHz]	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-59.39	3.00	0.02	38.83	≤54	PASS
				AV	2386.060	-53.09	3.00	0.02	45.13	≤54	PASS
				AV	2390.000	-56.71	3.00	0.02	41.51	≤54	PASS
				Peak	2310.000	-51.0	3.00	0.00	47.2	≤74	PASS
				Peak	2385.800	-45.5	3.00	0.00	52.7	≤74	PASS
				Peak	2390.000	-48.26	3.00	0.00	49.94	≤74	PASS
		High	2462	AV	2483.500	-54.89	3.00	0.03	43.34	≤54	PASS
				AV	2487.960	-52.88	3.00	0.03	45.35	≤54	PASS
				AV	2500.000	-58.59	3.00	0.03	39.64	≤54	PASS
				Peak	2483.500	-48.11	3.00	0.00	50.09	≤74	PASS
				Peak	2488.070	-45.2	3.00	0.00	53.0	≤74	PASS
				Peak	2500.000	-50.07	3.00	0.00	48.13	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-59.66	3.00	1.03	39.57	≤54	PASS
				AV	2388.140	-58.42	3.00	1.03	40.81	≤54	PASS
				AV	2390.000	-58.82	3.00	1.03	40.41	≤54	PASS
				Peak	2310.000	-49.94	3.00	0.00	48.26	≤74	PASS
				Peak	2312.090	-48.64	3.00	0.00	49.56	≤74	PASS
				Peak	2390.000	-50.66	3.00	0.00	47.54	≤74	PASS
		High	2462	AV	2483.500	-58.48	3.00	1.03	40.75	≤54	PASS
				AV	2489.830	-57.9	3.00	1.03	41.33	≤54	PASS
				AV	2500.000	-59.22	3.00	1.03	40.01	≤54	PASS
				Peak	2483.500	-51	3.00	0.00	47.2	≤74	PASS
				Peak	2484.550	-48.32	3.00	0.00	49.88	≤74	PASS
				Peak	2500.000	-49.76	3.00	0.00	48.44	≤74	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-59.13	3.00	1.06	40.13	≤54	PASS
				AV	2388.790	-58.31	3.00	1.06	40.95	≤54	PASS
				AV	2390.000	-58.84	3.00	1.06	40.42	≤54	PASS
				Peak	2310.000	-50.76	3.00	0.00	47.44	≤74	PASS
				Peak	2331.850	-48.82	3.00	0.00	49.38	≤74	PASS
				Peak	2390.000	-49.37	3.00	0.00	48.83	≤74	PASS
		High	2462	AV	2483.500	-58.67	3.00	1.12	40.65	≤54	PASS
				AV	2486.090	-57.88	3.00	1.12	41.44	≤54	PASS
				AV	2500.000	-59.84	3.00	1.12	39.48	≤54	PASS
				Peak	2483.500	-51.17	3.00	0.00	47.03	≤74	PASS
				Peak	2483.560	-48.32	3.00	0.00	49.88	≤74	PASS
				Peak	2500.000	-50.31	3.00	0.00	47.89	≤74	PASS

Note:

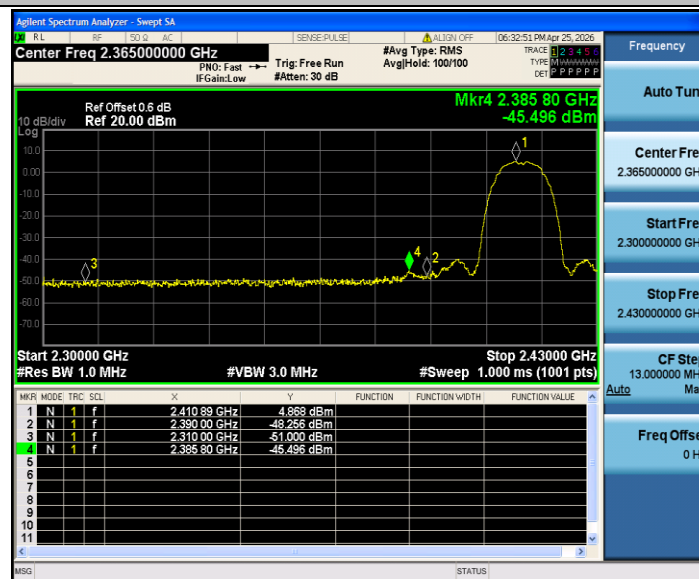
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

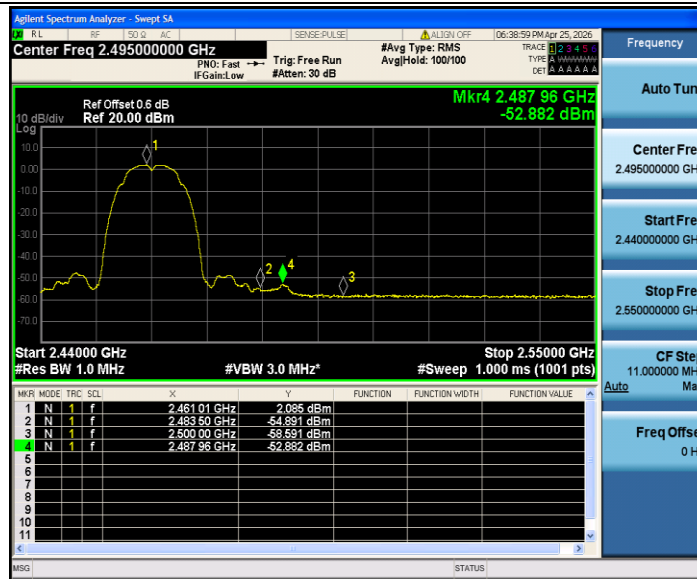
11B_Ant1_Low_2412_AV



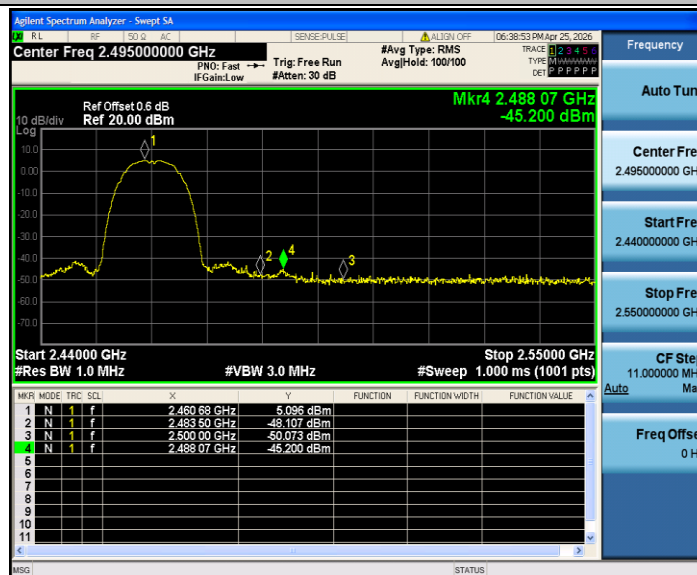
11B_Ant1_Low_2412_Peak



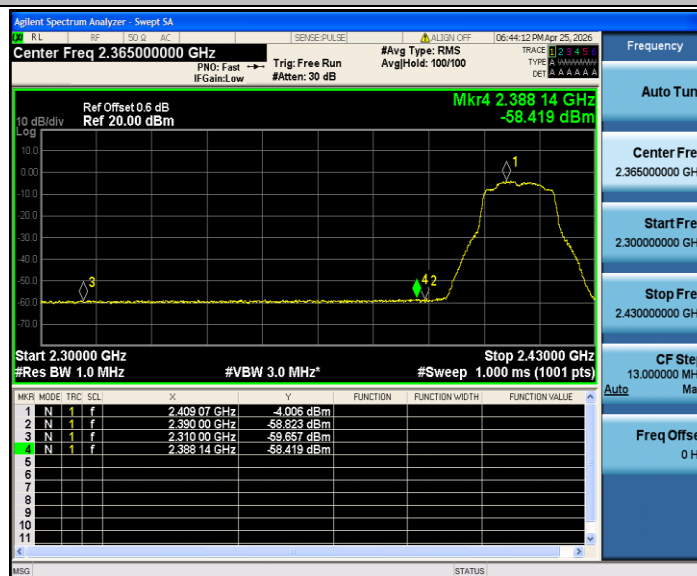
11B_Ant1_High_2462_AV



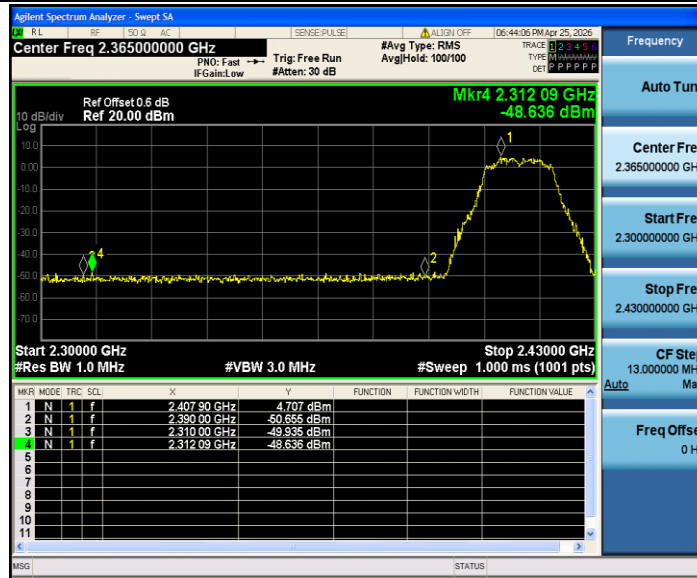
11B_Ant1_High_2462_Peak



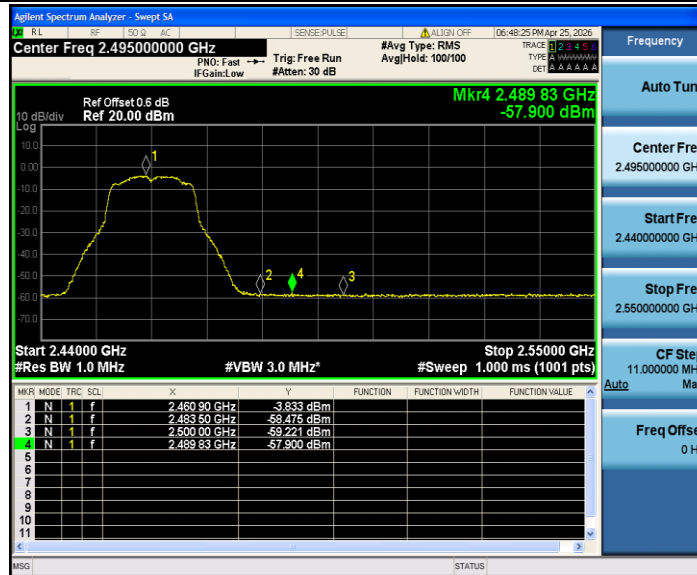
11G_Ant1_Low_2412_AV



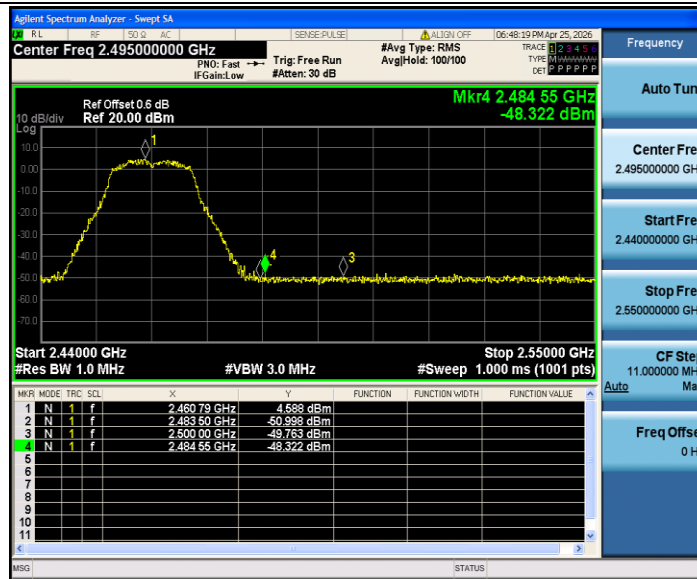
11G_Ant1_Low_2412_Peak



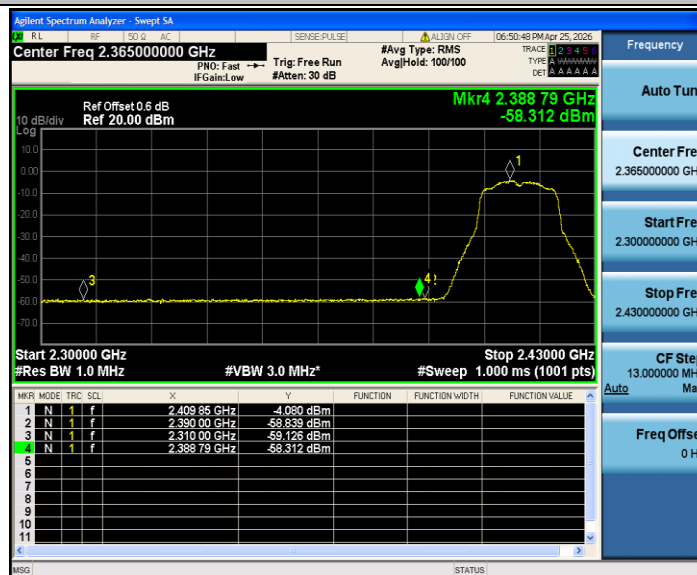
11G_Ant1_High_2462_AV



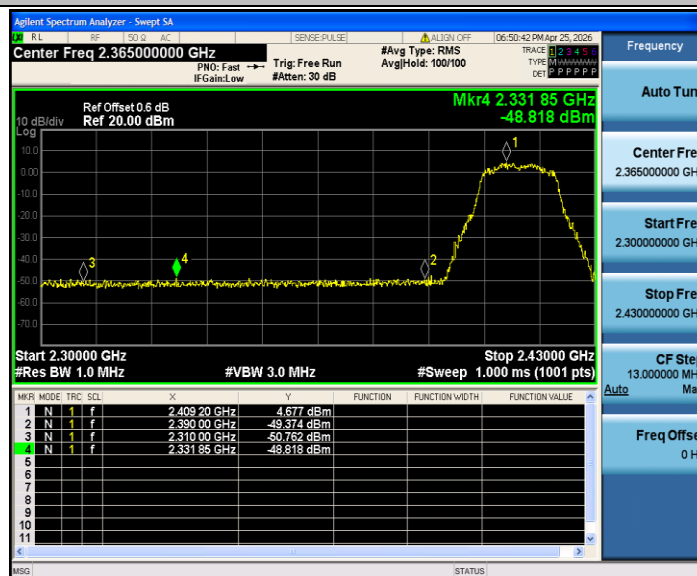
11G_Ant1_High_2462_Peak



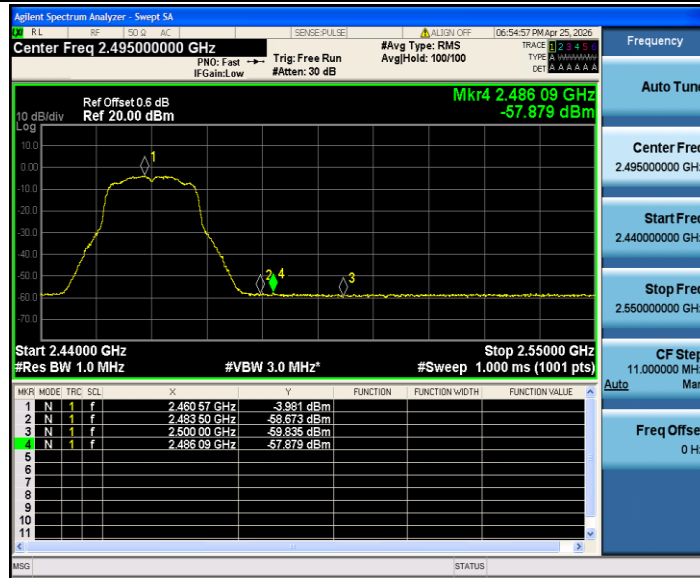
11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



11N20SISO_Ant1_High_2462_Peak

