

Case No. : <u>GTS20260714002-1-01</u>	
Ambient Condition: <u>24</u> °C, <u>53</u> %RH,	
Test Date: <u>2026.7.24-2026.8.05</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.360	2406.840	2417.200	0.5	PASS
		2437	10.320	2431.840	2442.160	0.5	PASS
		2462	10.320	2456.840	2467.160	0.5	PASS
11G	Ant1	2412	16.400	2403.840	2420.240	0.5	PASS
		2437	16.480	2428.760	2445.240	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.080	2440.160	0.5	PASS
		2437	36.080	2419.000	2455.080	0.5	PASS
		2452	36.160	2433.920	2470.080	0.5	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



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

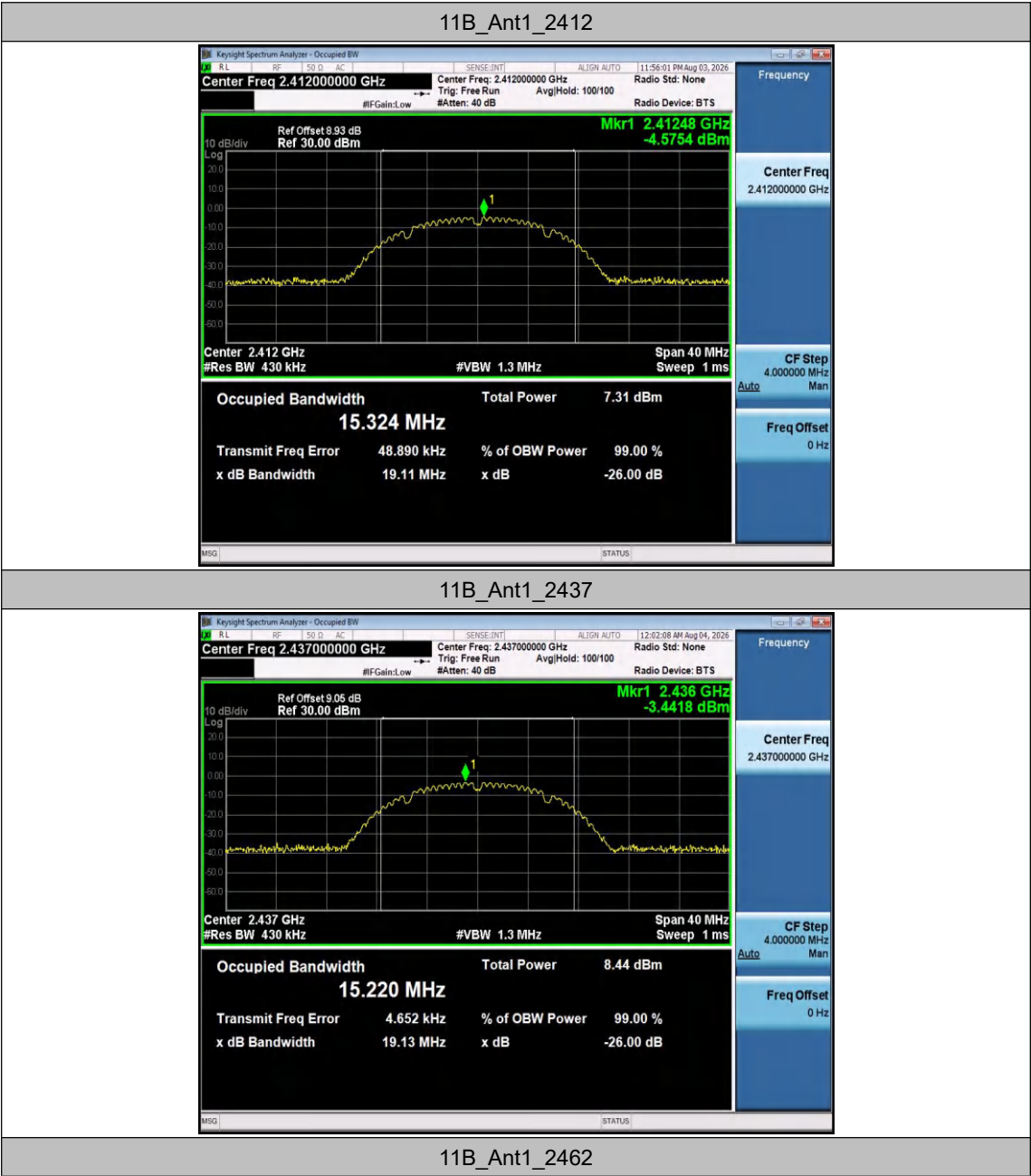


Appendix A.2: Occupied Channel Bandwidth

Test Result

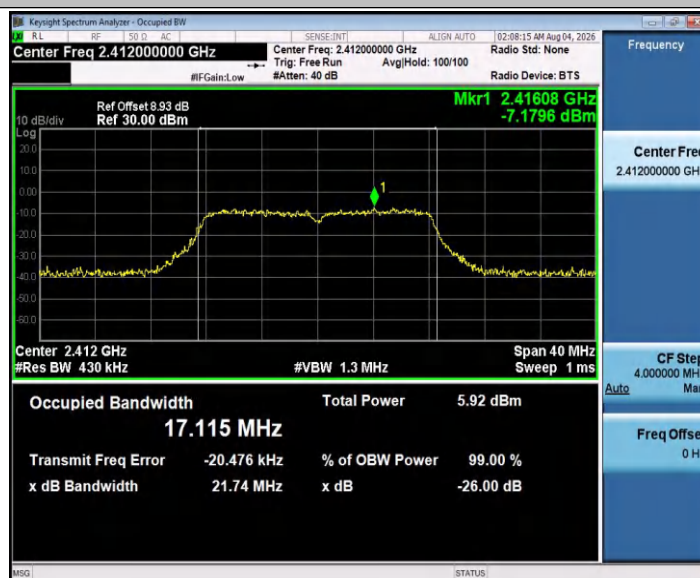
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.324	2404.3869	2419.7109	---	---
		2437	15.220	2429.3947	2444.6147	---	---
		2462	15.255	2454.3705	2469.6255	---	---
11G	Ant1	2412	17.115	2403.4220	2420.5370	---	---
		2437	17.055	2428.4182	2445.4732	---	---
		2462	17.016	2453.4488	2470.4648	---	---
11N20SISO	Ant1	2412	18.096	2402.9614	2421.0574	---	---
		2437	18.066	2427.9574	2446.0234	---	---
		2462	18.035	2452.9985	2471.0335	---	---
11N40SISO	Ant1	2422	36.798	2403.7882	2440.5862	---	---
		2437	36.695	2418.6883	2455.3833	---	---
		2452	36.777	2433.5816	2470.3586	---	---

Test Graphs





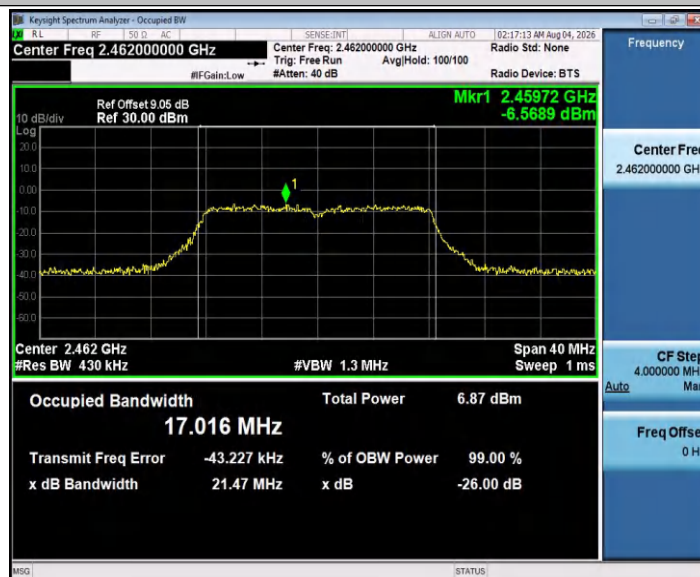
11G_Ant1_2412



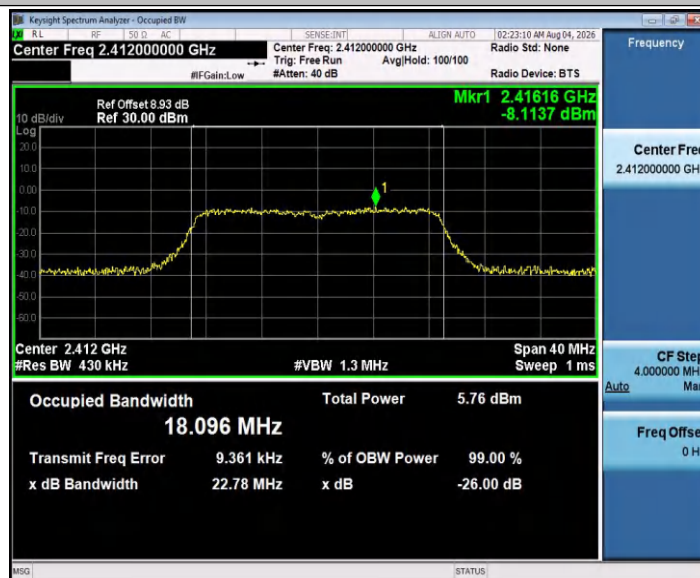
11G_Ant1_2437



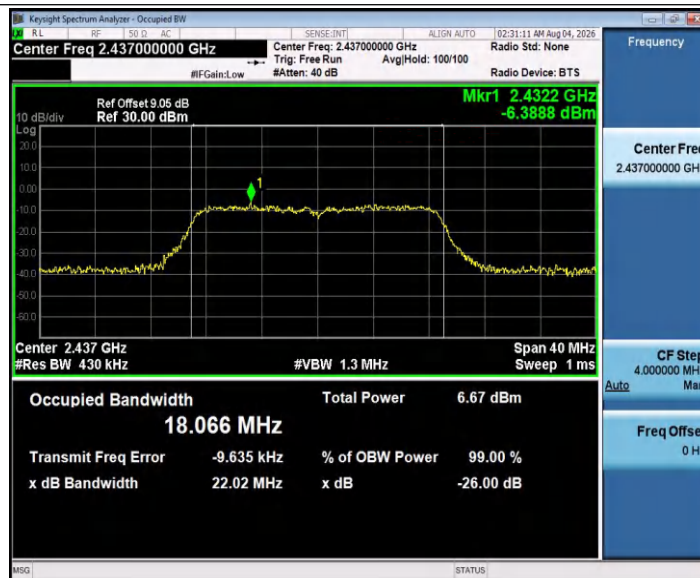
11G_Ant1_2462



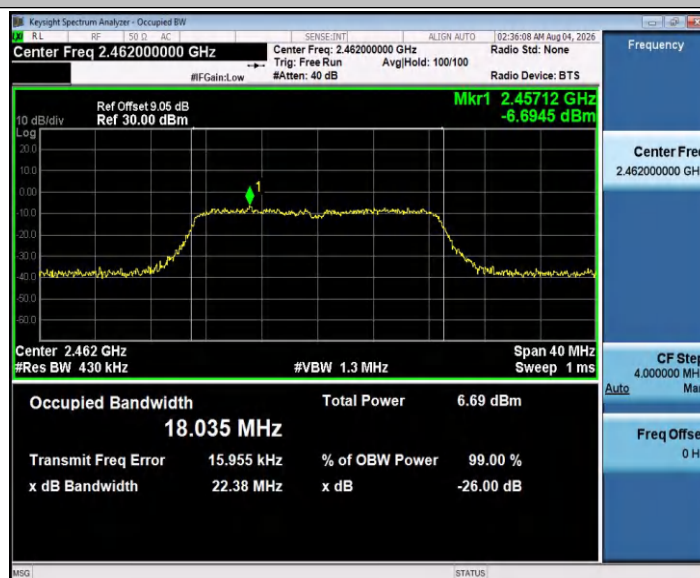
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



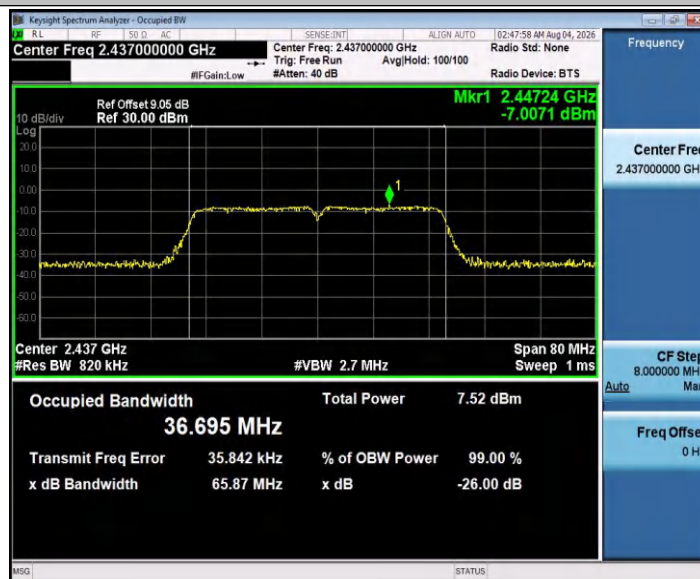
11N20SISO_Ant1_2462



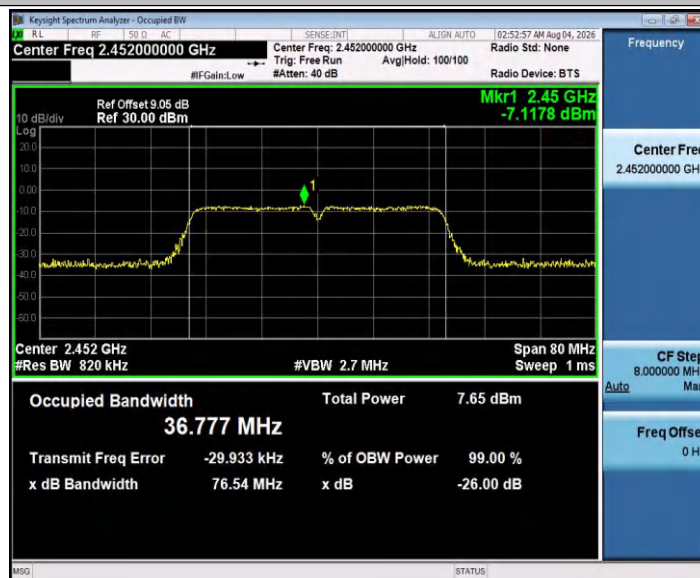
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Result

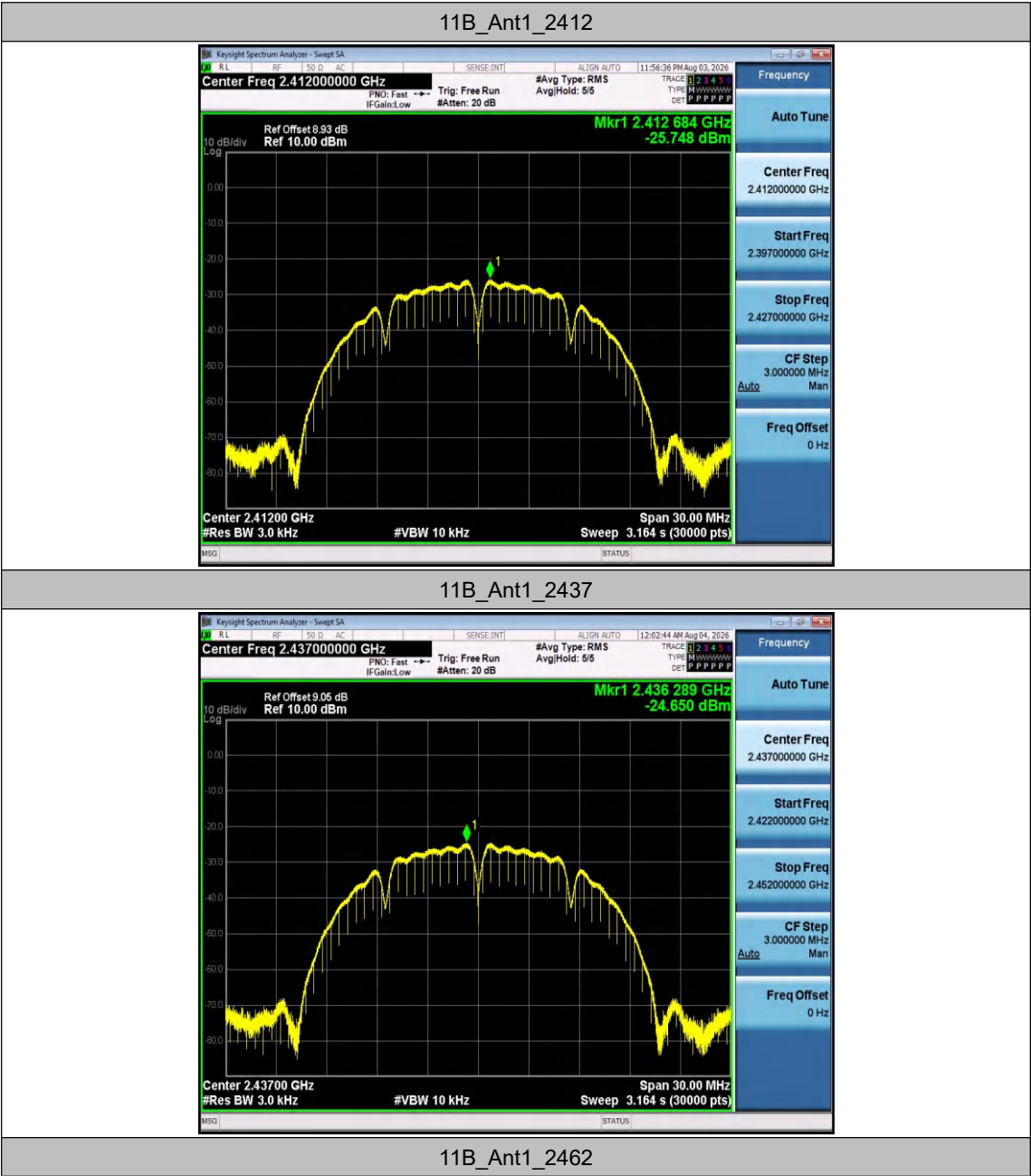
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	7.44	≤30.00	PASS
		2437	8.56	≤30.00	PASS
		2462	8.60	≤30.00	PASS
11G	Ant1	2412	7.08	≤30.00	PASS
		2437	7.95	≤30.00	PASS
		2462	8.03	≤30.00	PASS
11N20SISO	Ant1	2412	7.08	≤30.00	PASS
		2437	7.98	≤30.00	PASS
		2462	8.00	≤30.00	PASS
11N40SISO	Ant1	2422	7.33	≤30.00	PASS
		2437	7.84	≤30.00	PASS
		2452	7.98	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

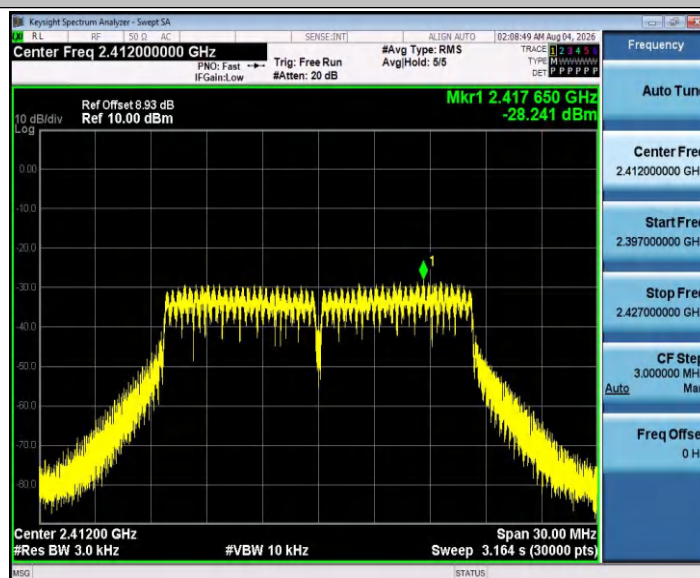
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-25.75	≤8.00	PASS
		2437	-24.65	≤8.00	PASS
		2462	-24.56	≤8.00	PASS
11G	Ant1	2412	-28.24	≤8.00	PASS
		2437	-27.37	≤8.00	PASS
		2462	-27.48	≤8.00	PASS
11N20SISO	Ant1	2412	-27.51	≤8.00	PASS
		2437	-26.55	≤8.00	PASS
		2462	-26.34	≤8.00	PASS
11N40SISO	Ant1	2422	-29.56	≤8.00	PASS
		2437	-29.53	≤8.00	PASS
		2452	-28.74	≤8.00	PASS

Test Graphs

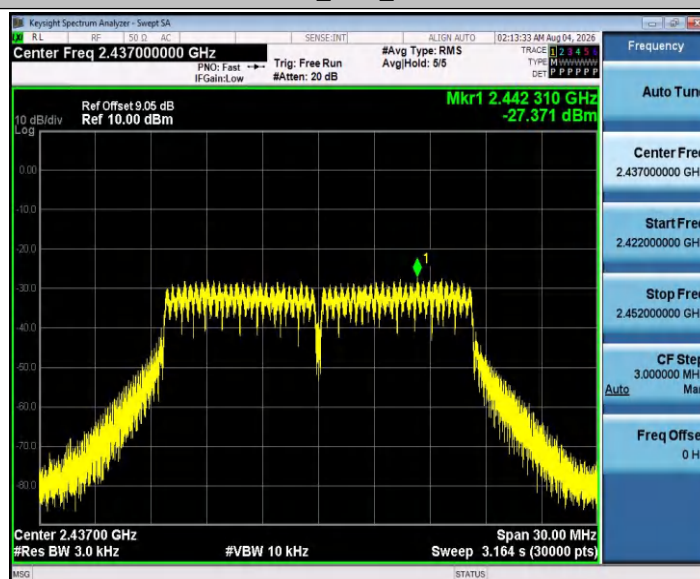




11G_Ant1_2412



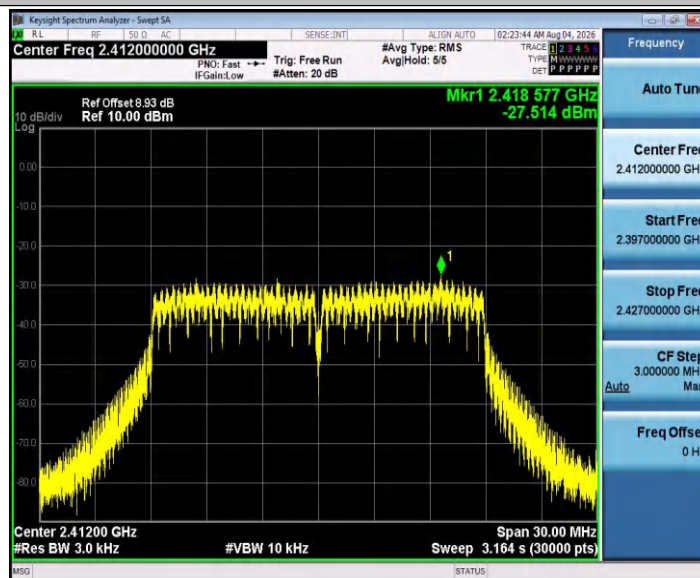
11G_Ant1_2437



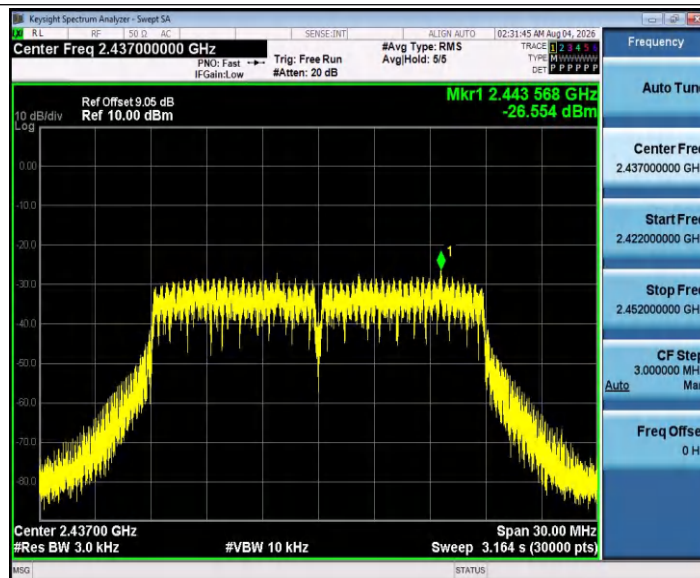
11G_Ant1_2462



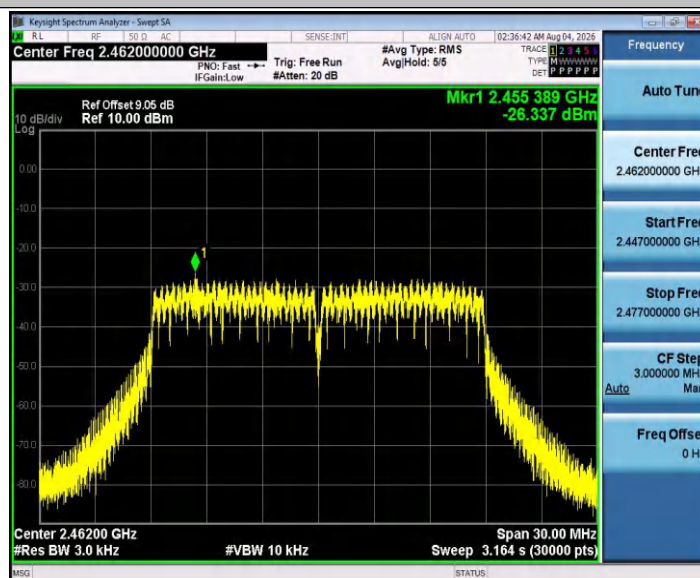
11N20SISO_Ant1_2412



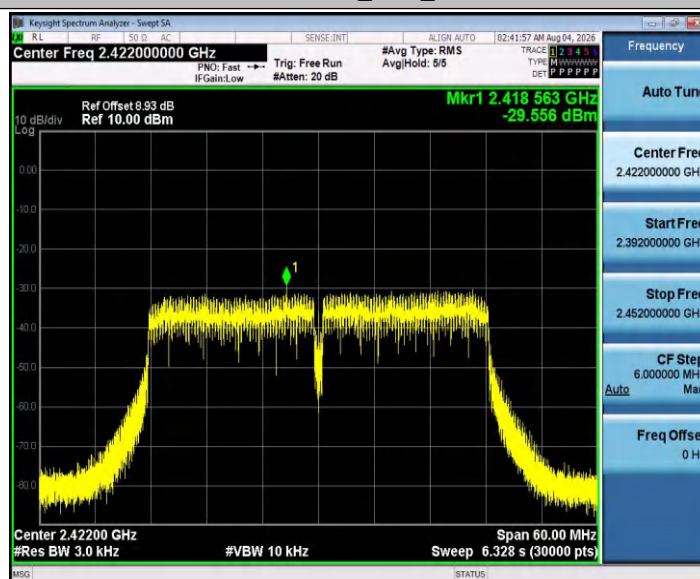
11N20SISO_Ant1_2437



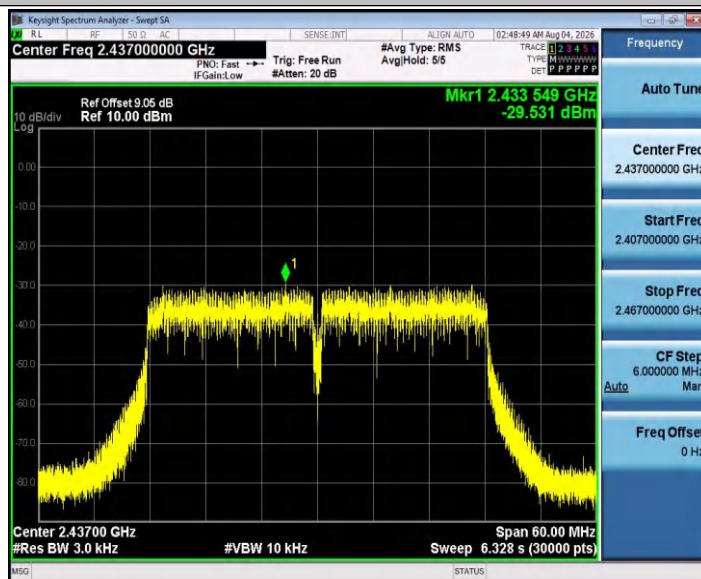
11N20SISO_Ant1_2462



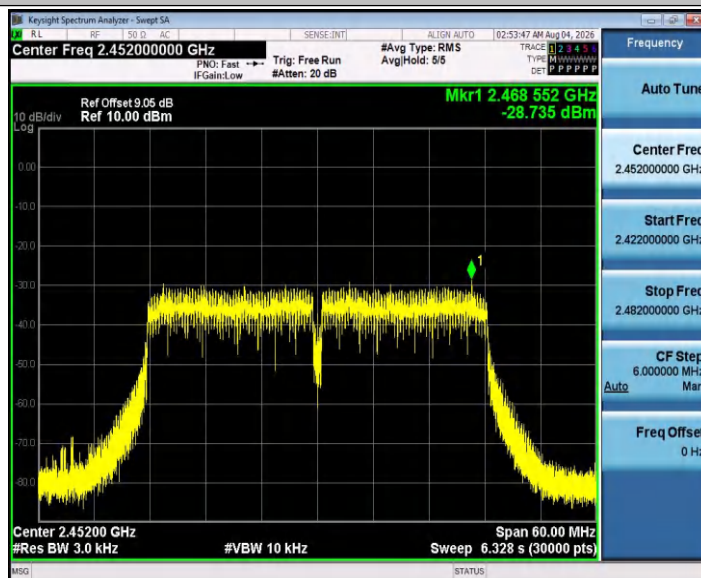
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



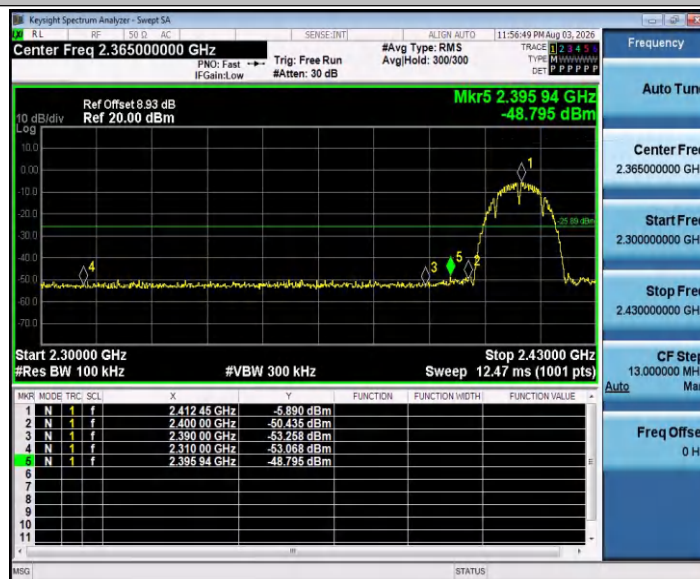
Appendix A.5: Band edge measurements

Test Result

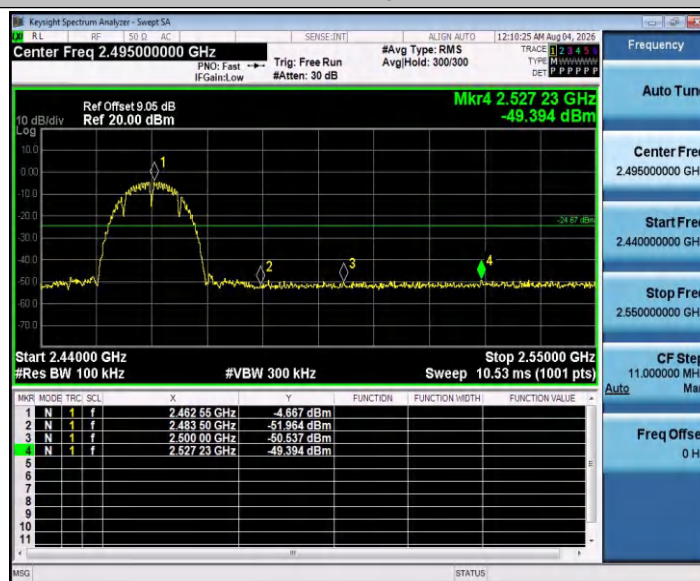
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-5.89	-48.8	≤-25.89	PASS
		High	2462	-4.67	-49.39	≤-24.67	PASS
11G	Ant1	Low	2412	-14.08	-48.46	≤-34.08	PASS
		High	2462	-13.11	-49.35	≤-33.11	PASS
11N20SISO	Ant1	Low	2412	-14.25	-47.61	≤-34.25	PASS
		High	2462	-13.15	-48.97	≤-33.15	PASS
11N40SISO	Ant1	Low	2422	-16.43	-49.61	≤-36.43	PASS
		High	2452	-16.50	-49.61	≤-36.5	PASS

Test Graphs

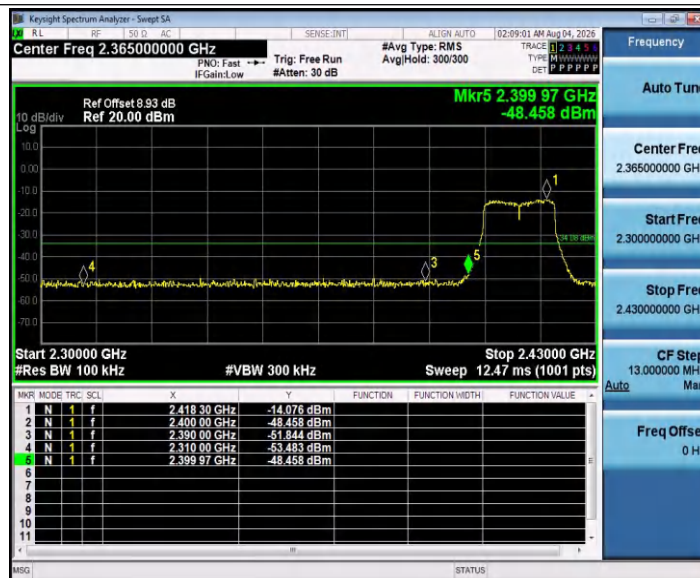
11B_Ant1_Low_2412



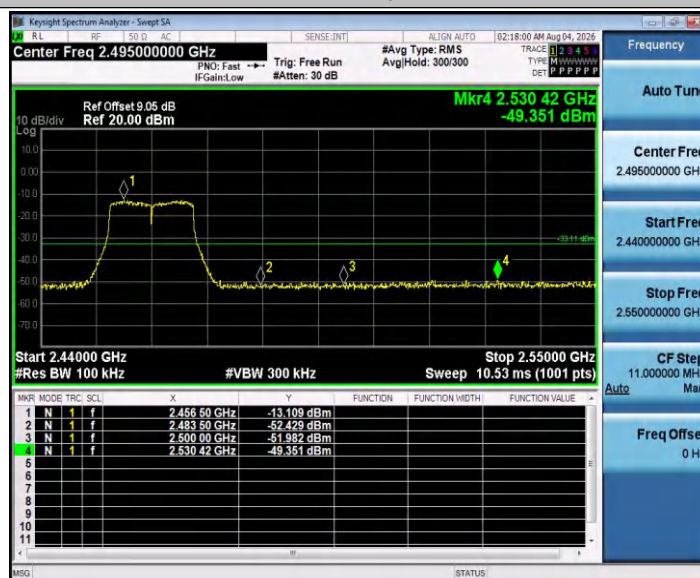
11B_Ant1_High_2462



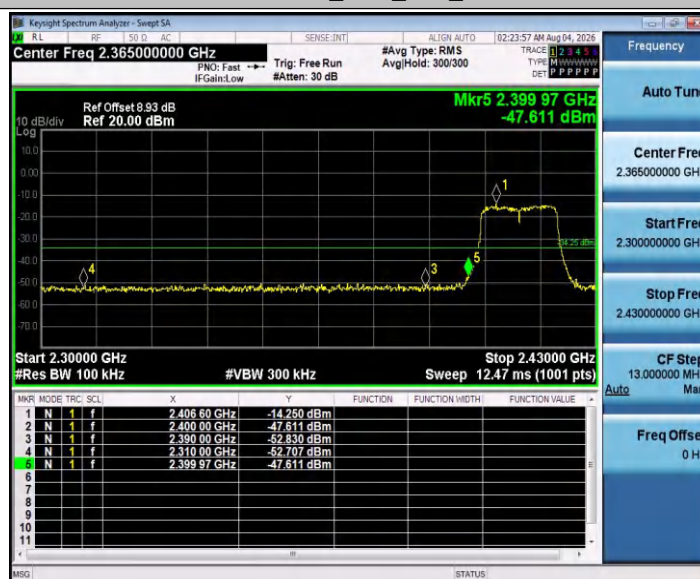
11G_Ant1_Low_2412



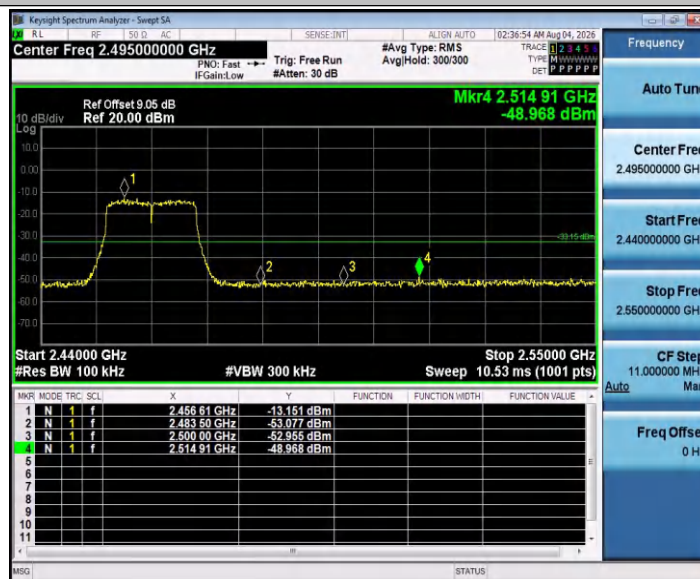
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

Appendix A.6: Conducted Spurious Emission

Test Result

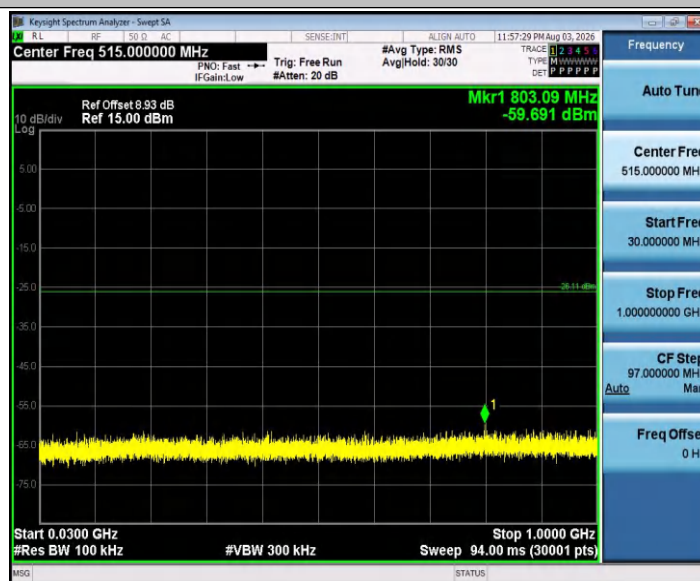
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-6.11	-6.11	---	PASS
			30~1000	-6.11	-59.69	≤-26.11	PASS
			1000~26500	-6.11	-47.37	≤-26.11	PASS
		2437	Reference	-5.44	-5.44	---	PASS
			30~1000	-5.44	-59.35	≤-25.44	PASS
			1000~26500	-5.44	-47.61	≤-25.44	PASS
		2462	Reference	-4.93	-4.93	---	PASS
			30~1000	-4.93	-60.15	≤-24.93	PASS
			1000~26500	-4.93	-48.06	≤-24.93	PASS
11G	Ant1	2412	Reference	-14.76	-14.76	---	PASS
			30~1000	-14.76	-60.44	≤-34.76	PASS
			1000~26500	-14.76	-47.12	≤-34.76	PASS
		2437	Reference	-13.00	-13.00	---	PASS
			30~1000	-13.00	-59.66	≤-33	PASS
			1000~26500	-13.00	-46.32	≤-33	PASS
		2462	Reference	-13.46	-13.46	---	PASS
			30~1000	-13.46	-60.56	≤-33.46	PASS
			1000~26500	-13.46	-47.35	≤-33.46	PASS
11N20SISO	Ant1	2412	Reference	-14.53	-14.53	---	PASS
			30~1000	-14.53	-58.61	≤-34.53	PASS
			1000~26500	-14.53	-47.42	≤-34.53	PASS
		2437	Reference	-14.47	-14.47	---	PASS
			30~1000	-14.47	-59.73	≤-34.47	PASS
			1000~26500	-14.47	-47.86	≤-34.47	PASS
		2462	Reference	-14.20	-14.20	---	PASS
			30~1000	-14.20	-59.97	≤-34.2	PASS
			1000~26500	-14.20	-47.68	≤-34.2	PASS
11N40SISO	Ant1	2422	Reference	-17.25	-17.25	---	PASS
			30~1000	-17.25	-60.46	≤-37.25	PASS
			1000~26500	-17.25	-47.86	≤-37.25	PASS
		2437	Reference	-17.54	-17.54	---	PASS
			30~1000	-17.54	-60.21	≤-37.54	PASS
			1000~26500	-17.54	-47.35	≤-37.54	PASS
		2452	Reference	-17.10	-17.10	---	PASS
			30~1000	-17.10	-60.54	≤-37.1	PASS
			1000~26500	-17.10	-47.36	≤-37.1	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



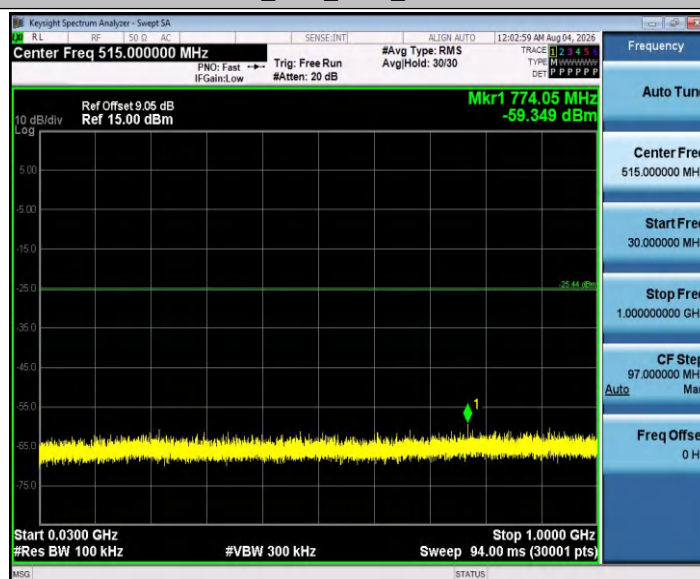
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



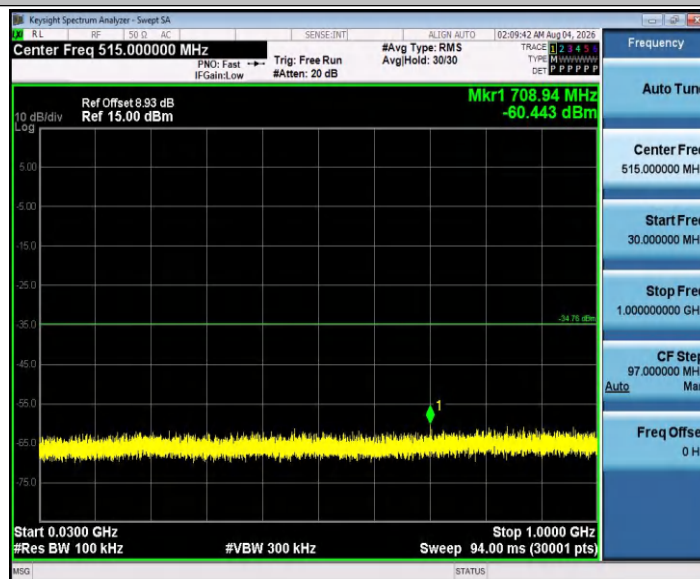
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



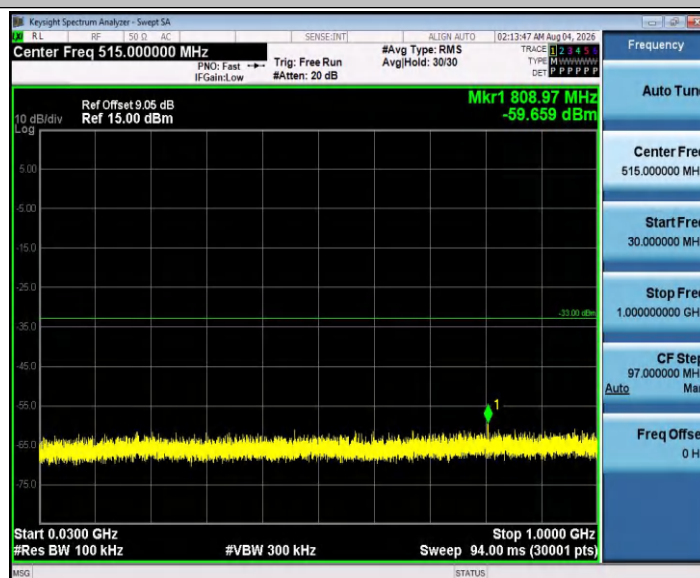
11G_Ant1_2412_1000~26500



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



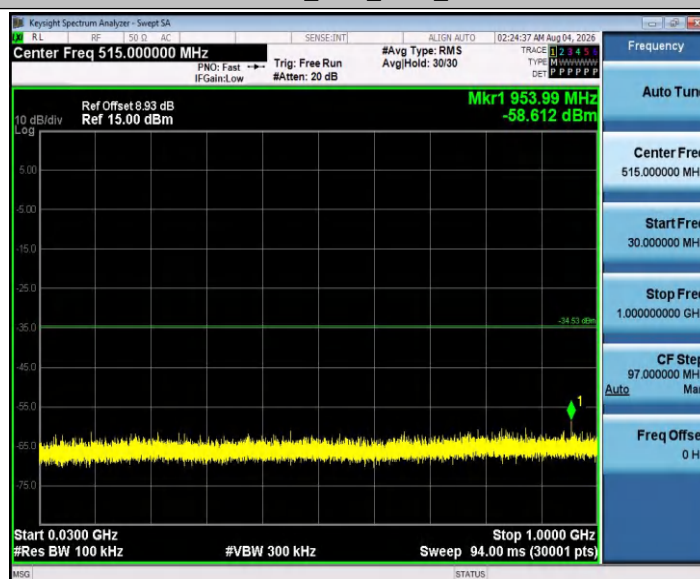
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



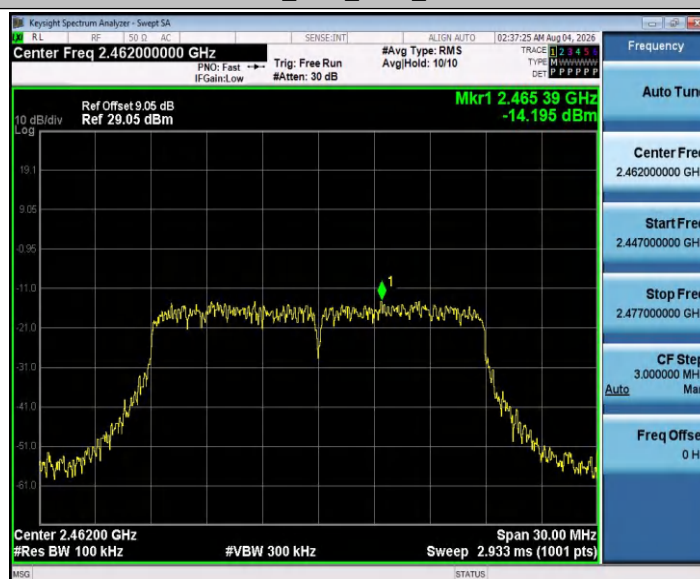
11N20SISO_Ant1_2437_30~1000



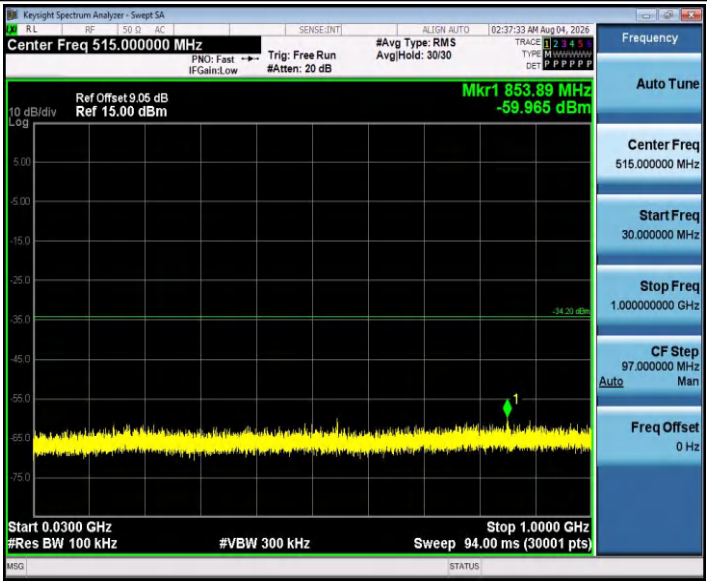
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



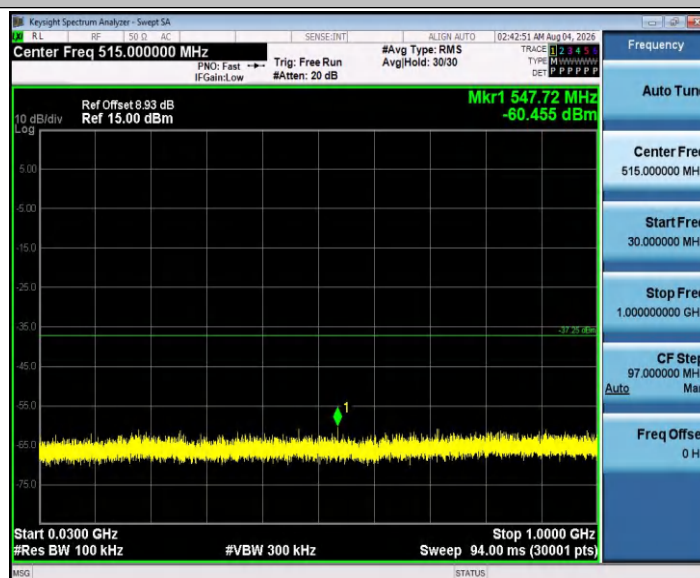
11N20SISO_Ant1_2462_1000~26500



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



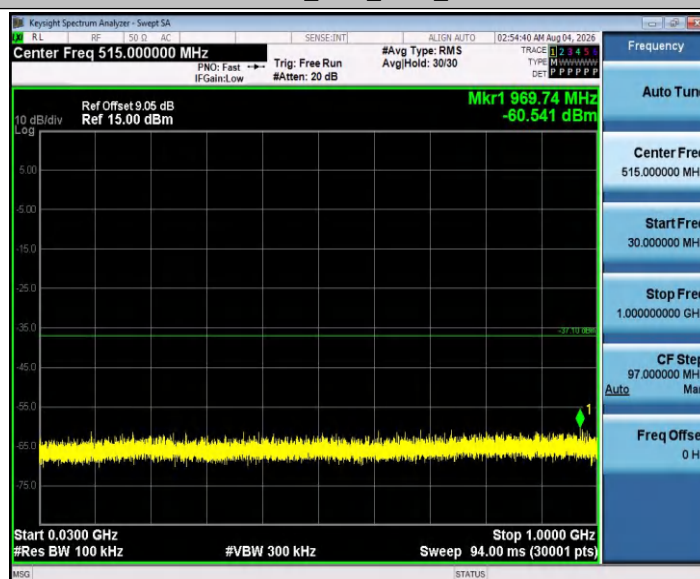
11N40SISO_Ant1_2437_1000~26500

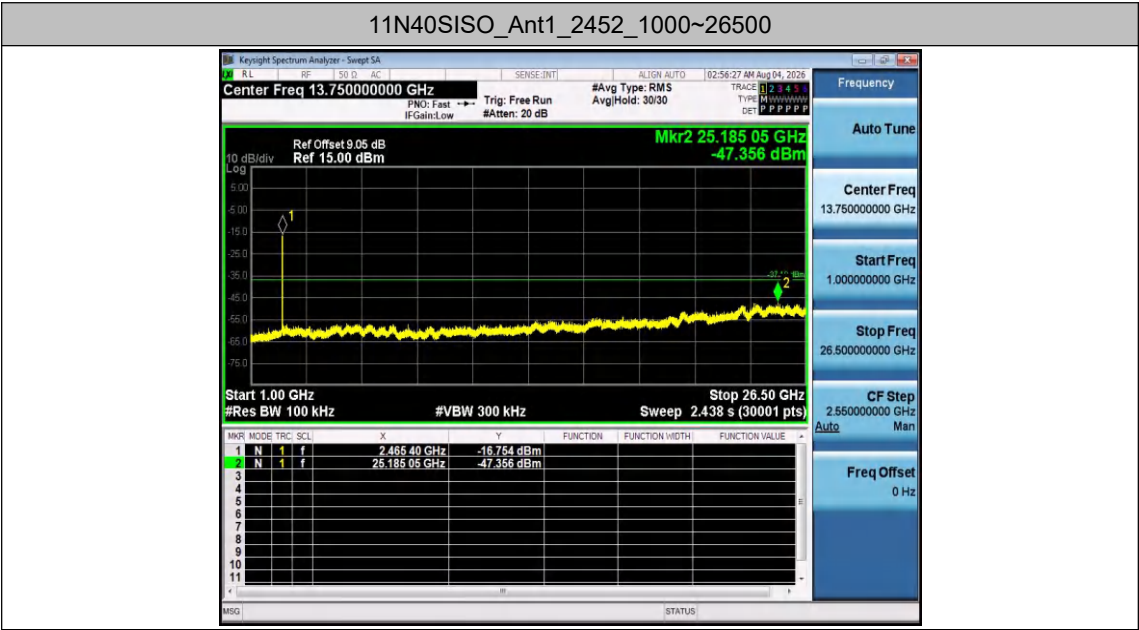


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



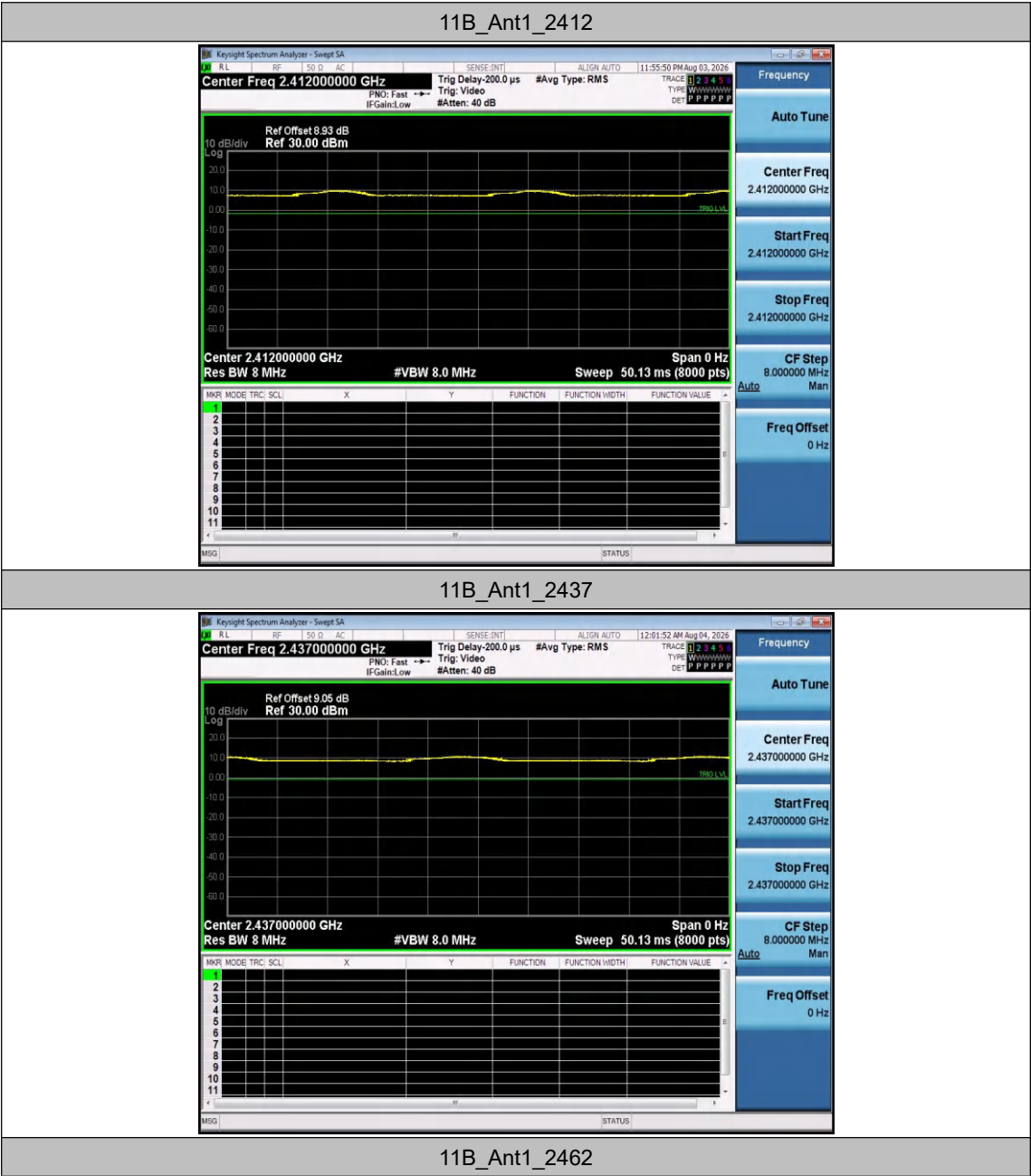


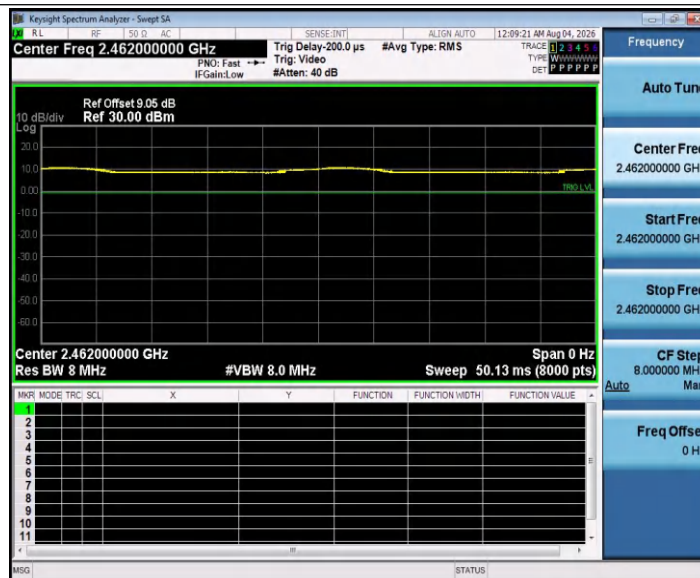
Appendix A.7: Duty Cycle

Test Result

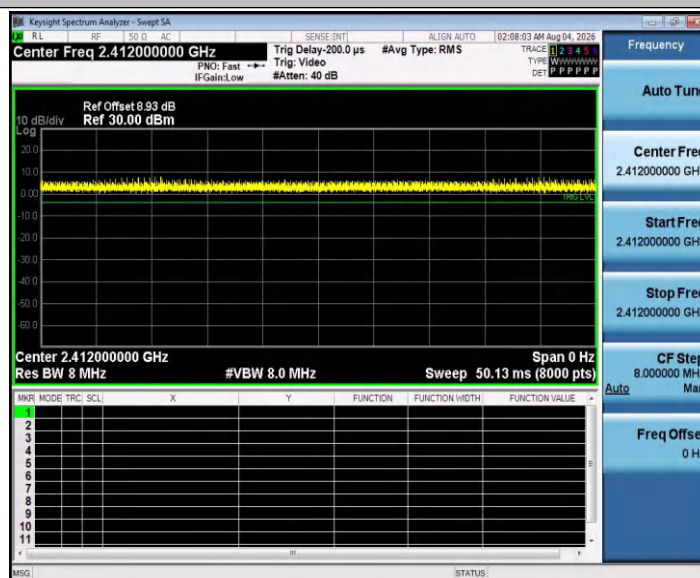
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N20SISO	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N40SISO	Ant1	2422	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2452	50.00	50.00	100.00	0.00	0.02

Test Graphs

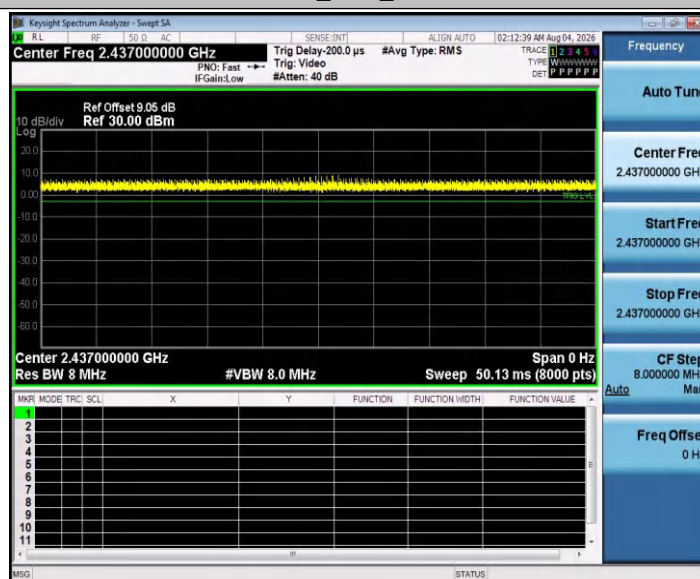




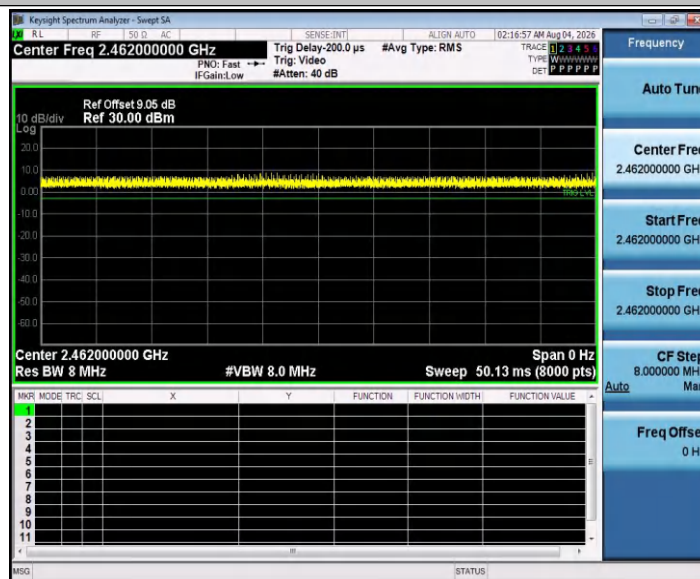
11G_Ant1_2412



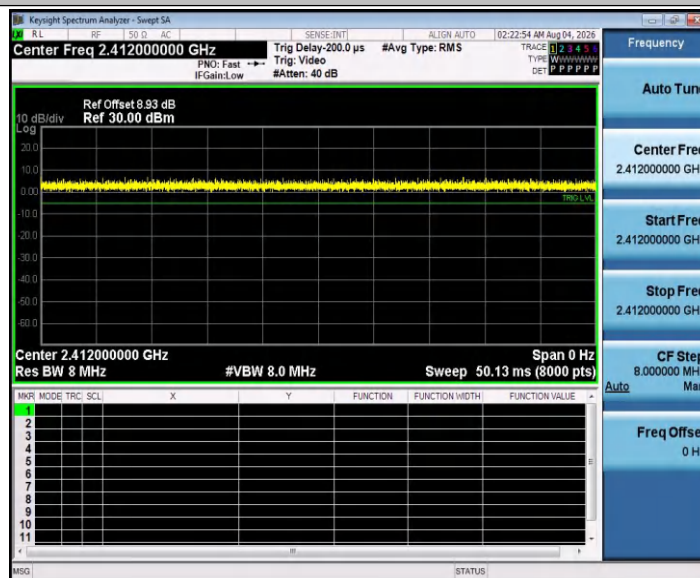
11G_Ant1_2437



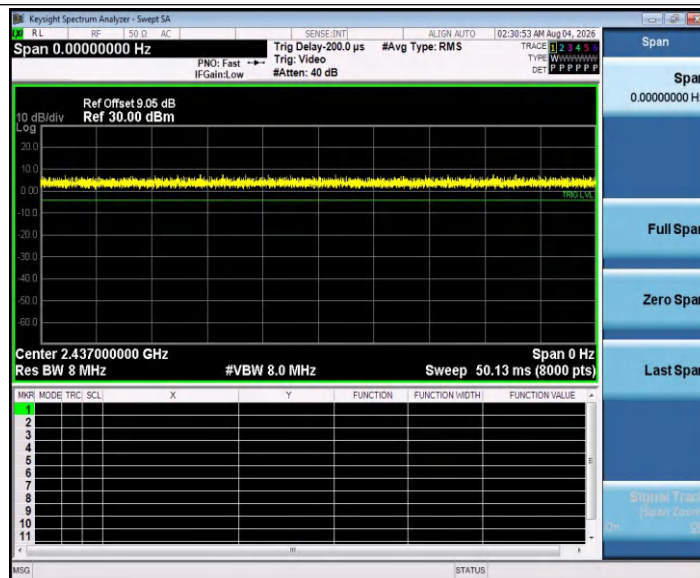
11G_Ant1_2462



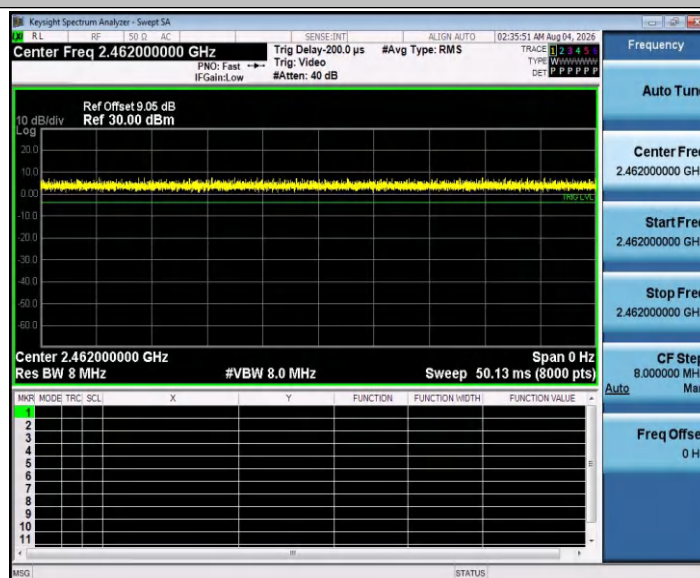
11N20SISO_Ant1_2412



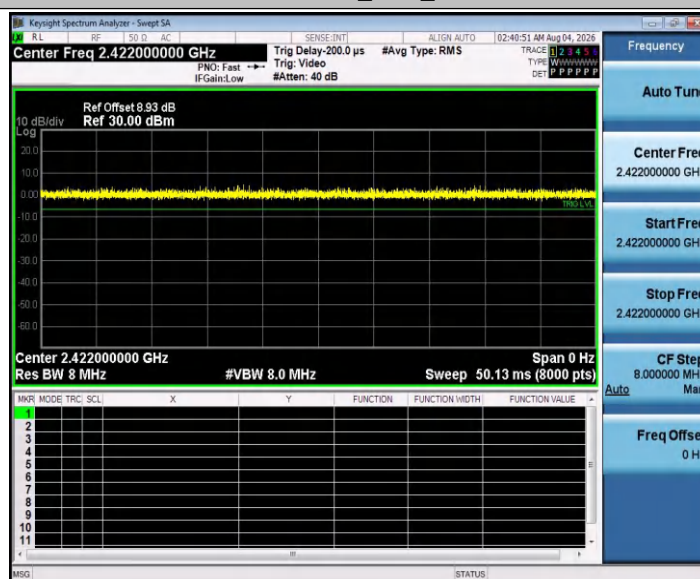
11N20SISO_Ant1_2437



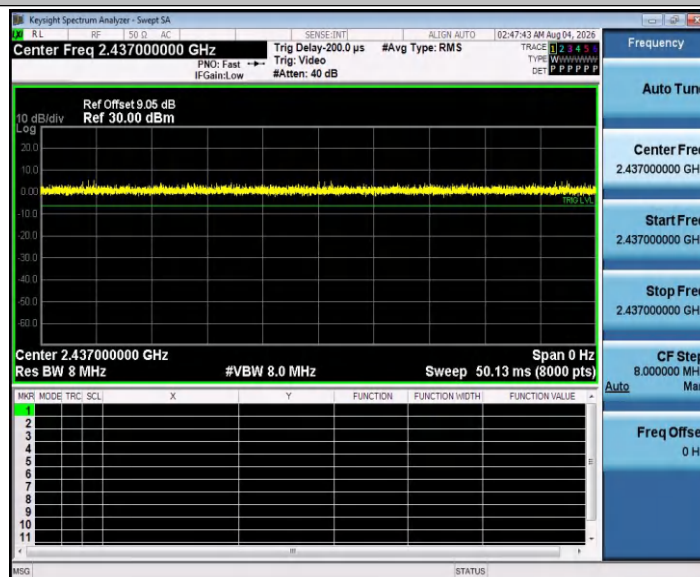
11N20SISO_Ant1_2462



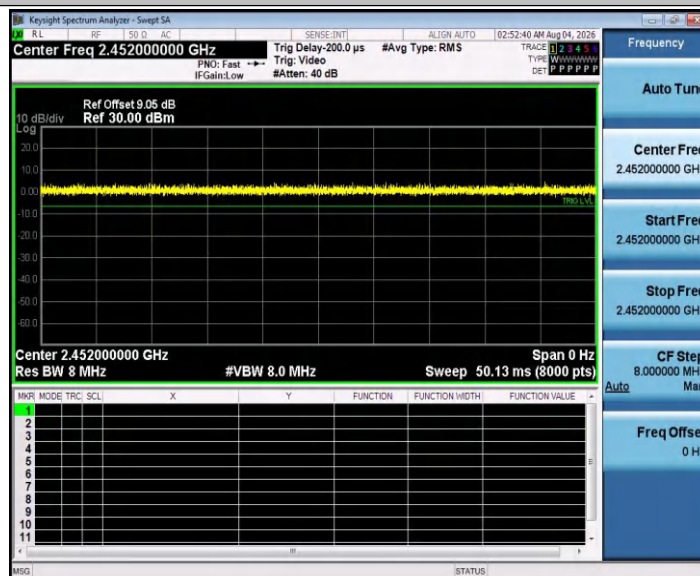
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.8: Emissions in Restricted Bands

Test Result

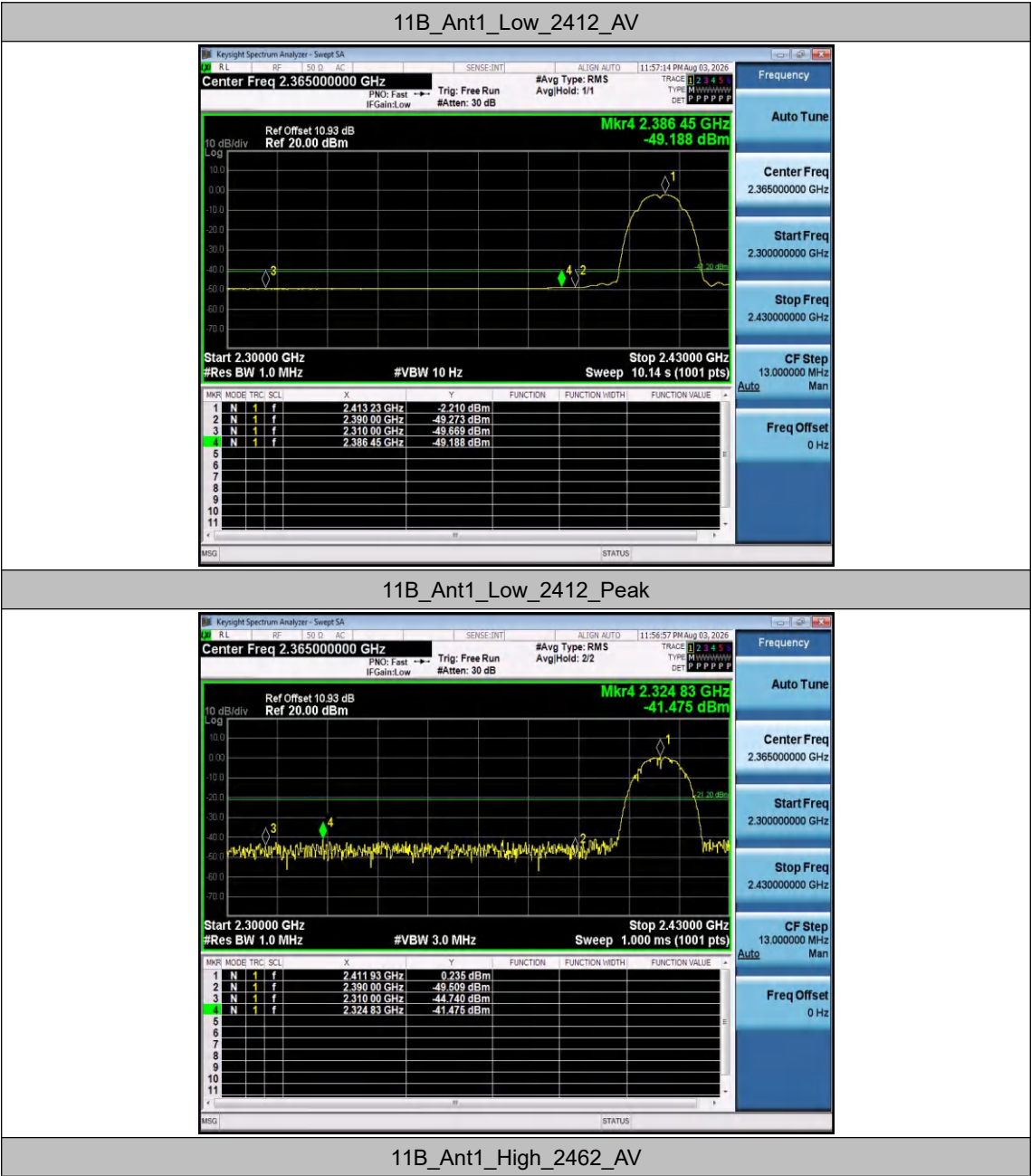
TestMode	Antenna	ChName	Frequenc y[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.67	≤-41.20	45.53	≤54	PASS
				AV	2386.450	-49.19	≤-41.20	46.01	≤54	PASS
				AV	2390.000	-49.27	≤-41.20	45.93	≤54	PASS
				Peak	2310.000	-44.74	≤-21.20	50.46	≤74	PASS
				Peak	2324.830	-41.47	≤-21.20	53.73	≤74	PASS
				Peak	2390.000	-49.51	≤-21.20	45.69	≤74	PASS
		High	2462	AV	2483.500	-48.9	≤-41.20	46.30	≤54	PASS
				AV	2499.840	-48.71	≤-41.20	46.49	≤54	PASS
				AV	2500.000	-48.73	≤-41.20	46.47	≤54	PASS
				Peak	2483.500	-44.75	≤-21.20	50.45	≤74	PASS
				Peak	2489.720	-40.59	≤-21.20	54.61	≤74	PASS
				Peak	2500.000	-47.27	≤-21.20	47.93	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.62	≤-41.20	45.58	≤54	PASS
				AV	2387.750	-49.26	≤-41.20	45.94	≤54	PASS
				AV	2390.000	-49.27	≤-41.20	45.93	≤54	PASS
				Peak	2310.000	-49.26	≤-21.20	45.94	≤74	PASS
				Peak	2379.040	-40.12	≤-21.20	55.08	≤74	PASS
				Peak	2390.000	-48.94	≤-21.20	46.26	≤74	PASS
		High	2462	AV	2483.500	-49	≤-41.20	46.20	≤54	PASS
				AV	2499.070	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2500.000	-48.79	≤-41.20	46.41	≤54	PASS
				Peak	2483.500	-46.09	≤-21.20	49.11	≤74	PASS
				Peak	2494.780	-39.95	≤-21.20	55.25	≤74	PASS
				Peak	2500.000	-49.07	≤-21.20	46.13	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-49.73	≤-41.20	45.47	≤54	PASS
				AV	2389.830	-49.36	≤-41.20	45.84	≤54	PASS
				AV	2390.000	-49.37	≤-41.20	45.83	≤54	PASS
				Peak	2310.000	-45.59	≤-21.20	49.61	≤74	PASS
				Peak	2336.790	-40.8	≤-21.20	54.40	≤74	PASS
				Peak	2390.000	-43.53	≤-21.20	51.67	≤74	PASS
		High	2462	AV	2483.500	-49.03	≤-41.20	46.17	≤54	PASS
				AV	2499.510	-48.84	≤-41.20	46.36	≤54	PASS
				AV	2500.000	-48.85	≤-41.20	46.35	≤54	PASS
				Peak	2483.500	-47.47	≤-21.20	47.73	≤74	PASS
				Peak	2498.630	-41.33	≤-21.20	53.87	≤74	PASS
				Peak	2500.000	-48.32	≤-21.20	46.88	≤74	PASS
11N40SIS	Ant1	Low	2422	AV	2310.000	-49.66	≤-41.20	45.54	≤54	PASS

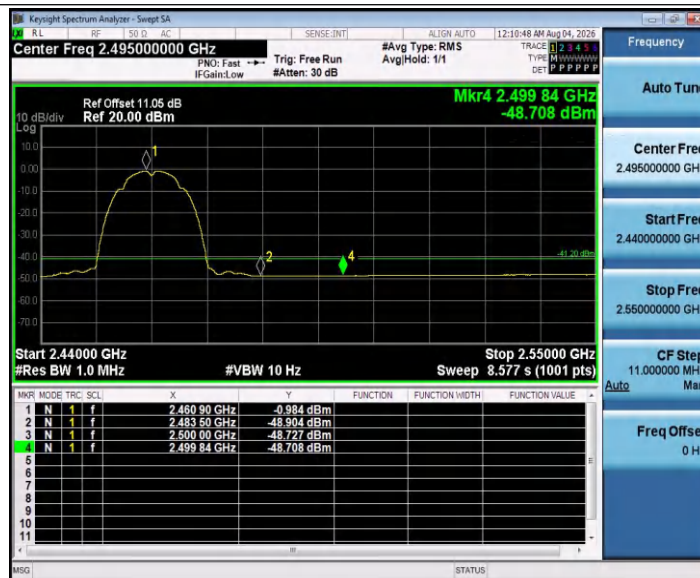
O				AV	2389.850	-49.22	≤ -41.20	45.98	≤ 54	PASS
				AV	2390.000	-49.23	≤ -41.20	45.97	≤ 54	PASS
				Peak	2310.000	-51.61	≤ -21.20	43.59	≤ 74	PASS
				Peak	2330.300	-41.12	≤ -21.20	54.08	≤ 74	PASS
				Peak	2390.000	-41.53	≤ -21.20	53.67	≤ 74	PASS
		High	2452	AV	2483.500	-48.9	≤ -41.20	46.30	≤ 54	PASS
				AV	2499.875	-48.71	≤ -41.20	46.49	≤ 54	PASS
				AV	2500.000	-48.7	≤ -41.20	46.50	≤ 54	PASS
				Peak	2483.500	-49.82	≤ -21.20	45.38	≤ 74	PASS
				Peak	2492.000	-40.99	≤ -21.20	54.21	≤ 74	PASS
				Peak	2500.000	-47.65	≤ -21.20	47.55	≤ 74	PASS

Note:

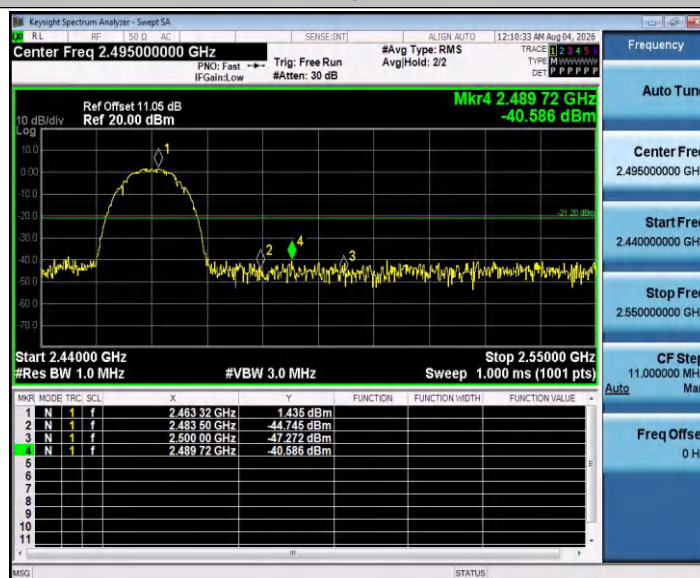
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

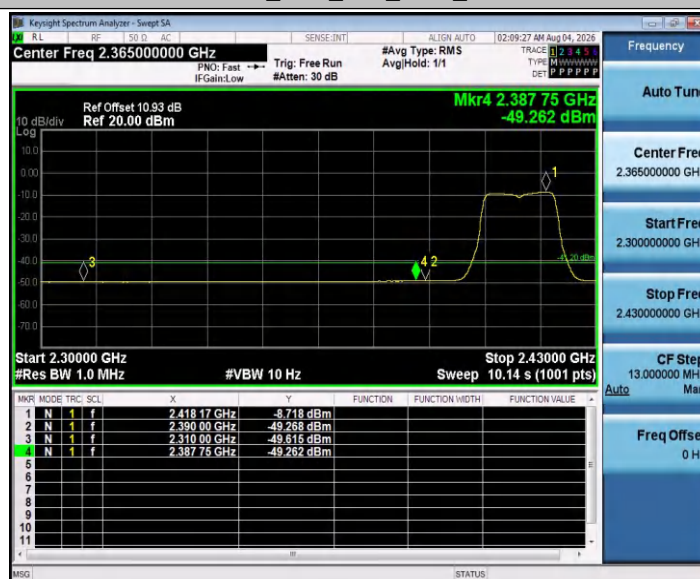




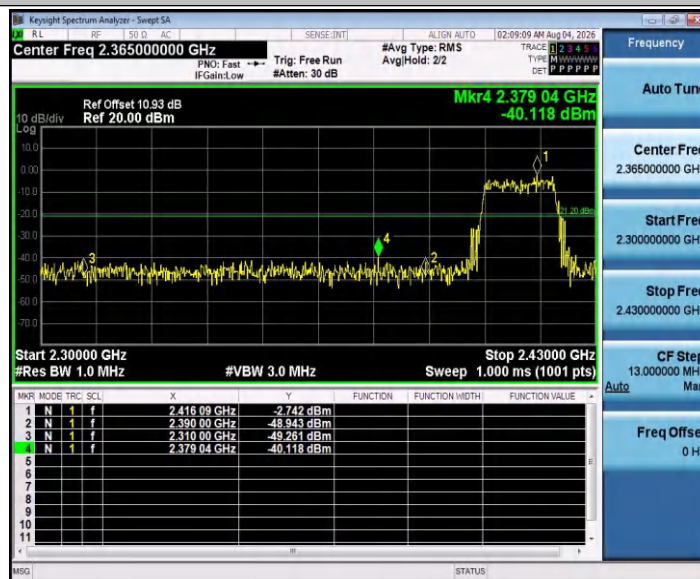
11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV



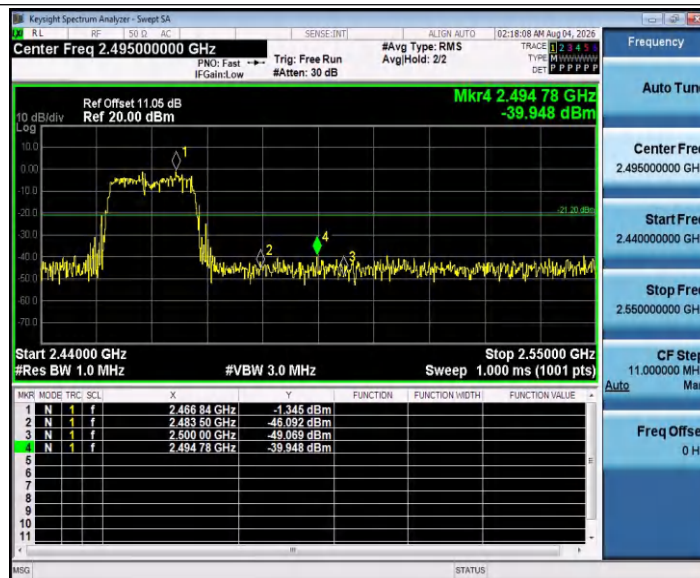
11G_Ant1_Low_2412_Peak



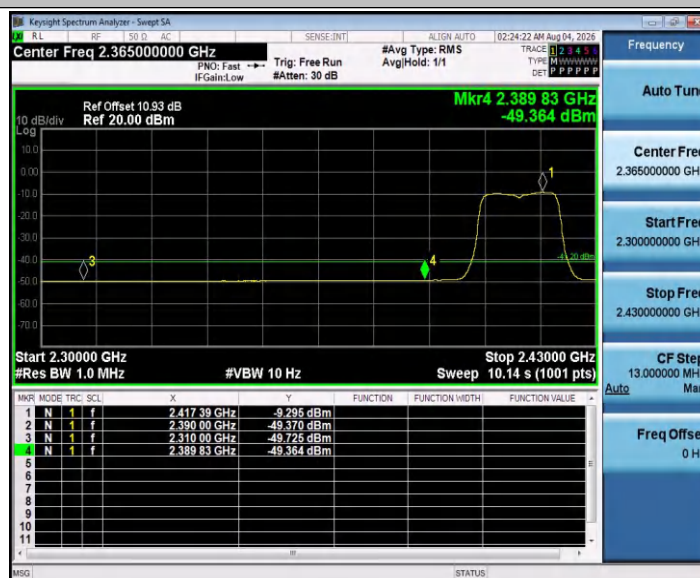
11G_Ant1_High_2462_AV



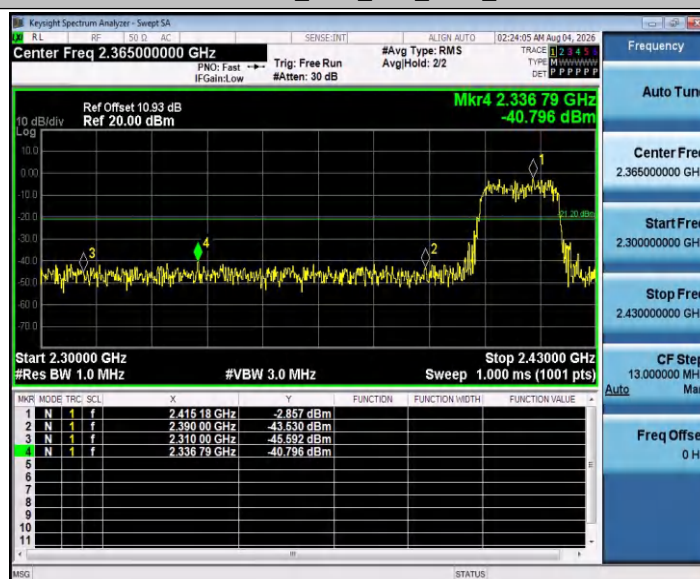
11G_Ant1_High_2462_Peak



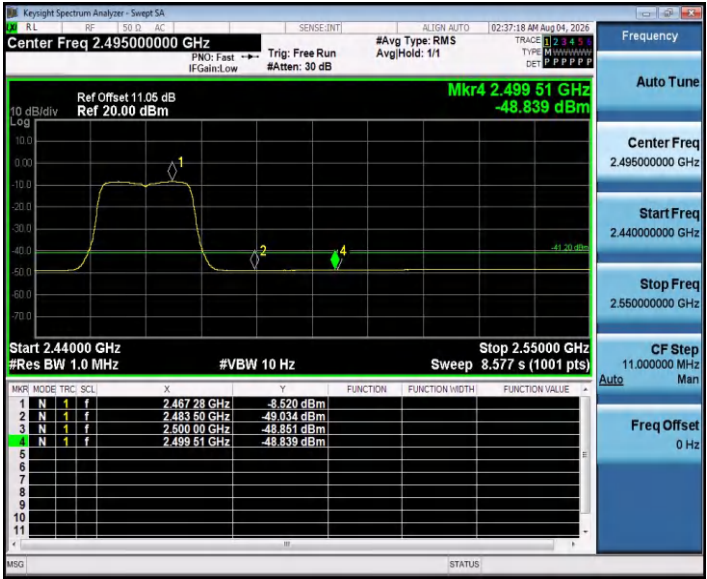
11N20SISO_Ant1_Low_2412_AV



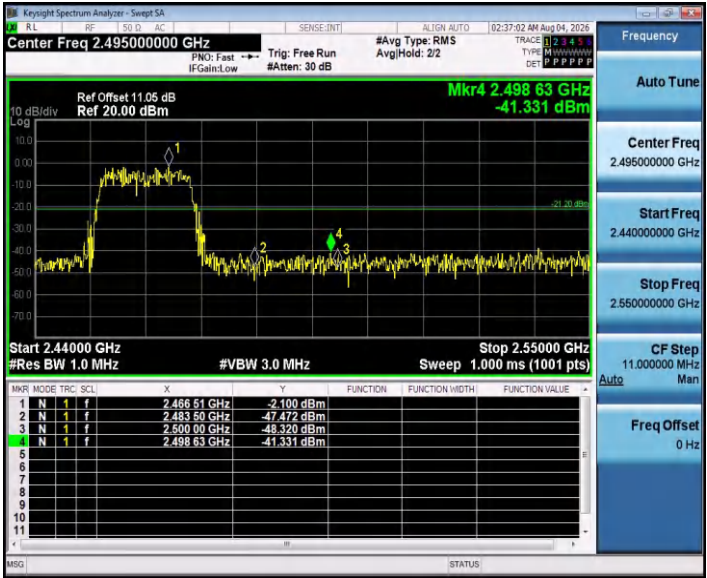
11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



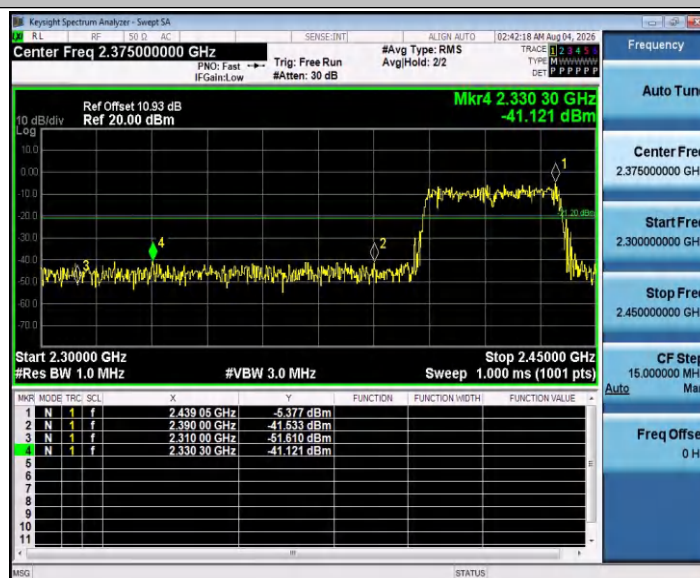
11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV

