

Case No. : <u>GTS20260829004-1-1</u>	
Ambient Condition: <u>24</u> °C, <u>50</u> %RH,	
Test Date: <u>2026.9.17</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	10.360	2431.840	2442.200	0.5	PASS
		2462	10.360	2456.800	2467.160	0.5	PASS
11G	Ant1	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	16.320	2428.880	2445.200	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.440	2403.280	2420.720	0.5	PASS
		2437	17.440	2428.280	2445.720	0.5	PASS
		2462	17.440	2453.240	2470.680	0.5	PASS
11N40SISO	Ant1	2422	36.160	2403.920	2440.080	0.5	PASS
		2437	35.920	2419.080	2455.000	0.5	PASS
		2452	35.920	2434.080	2470.000	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

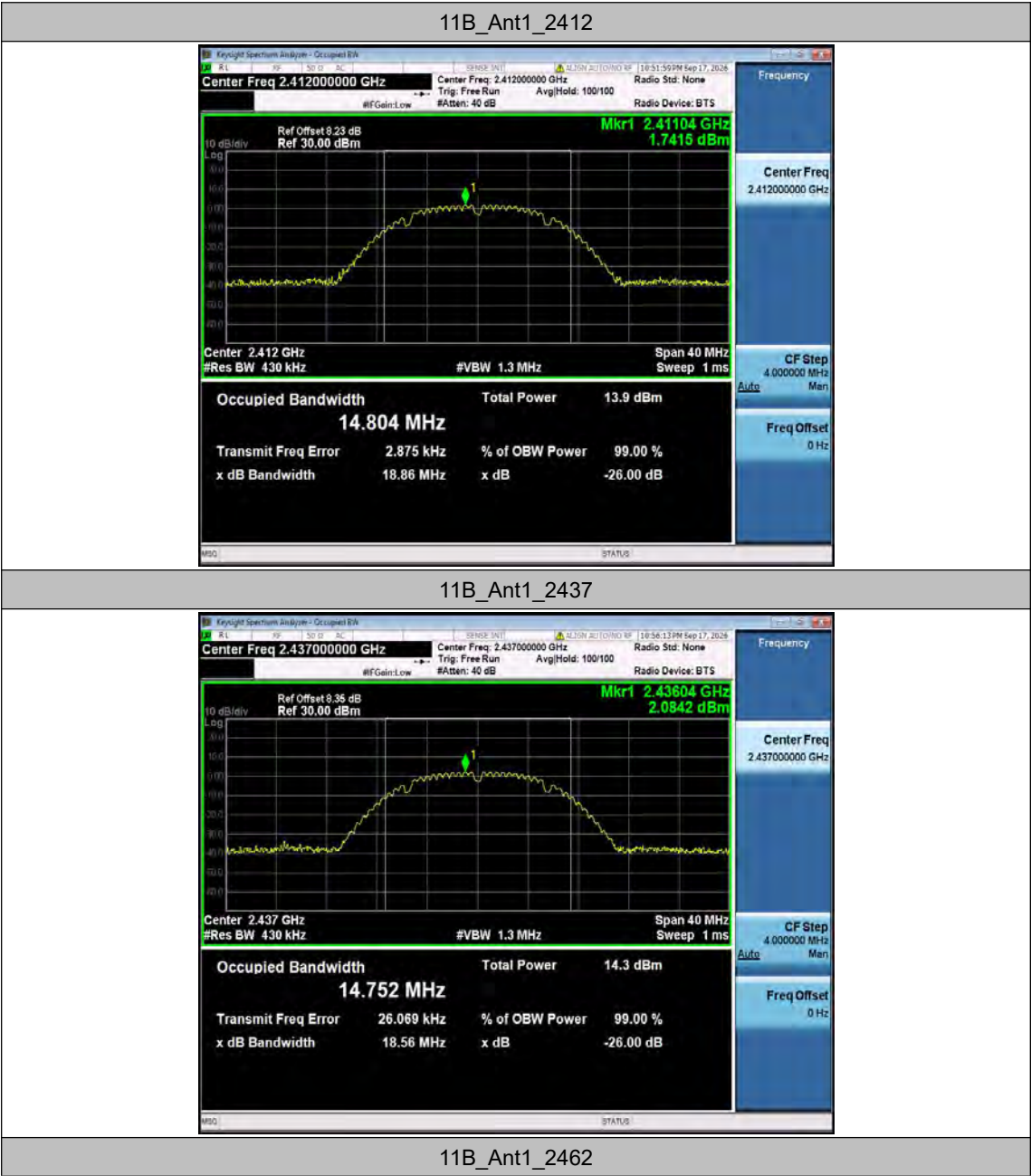


Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.804	2404.6009	2419.4049	---	---
		2437	14.752	2429.6501	2444.4021	---	---
		2462	14.753	2454.5994	2469.3524	---	---
11G	Ant1	2412	16.742	2403.6114	2420.3534	---	---
		2437	16.672	2428.6639	2445.3359	---	---
		2462	16.727	2453.5880	2470.3150	---	---
11N20SISO	Ant1	2412	17.895	2403.0342	2420.9292	---	---
		2437	17.877	2428.0435	2445.9205	---	---
		2462	17.848	2453.0677	2470.9157	---	---
11N40SISO	Ant1	2422	36.258	2403.9372	2440.1952	---	---
		2437	36.108	2418.9578	2455.0658	---	---
		2452	36.189	2433.9424	2470.1314	---	---

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 Mode	Antenna	Frequency [MHz]	Set Power	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	---	13.95	≤30.00	PASS
		2437	---	14.31	≤30.00	PASS
		2462	---	14.91	≤30.00	PASS
11G	Ant1	2412	---	17.42	≤30.00	PASS
		2437	---	17.77	≤30.00	PASS
		2462	---	18.20	≤30.00	PASS
11N20SI SO	Ant1	2412	---	17.26	≤30.00	PASS
		2437	---	17.63	≤30.00	PASS
		2462	---	18.06	≤30.00	PASS
11N40SI SO	Ant1	2422	---	17.74	≤30.00	PASS
		2437	---	17.93	≤30.00	PASS
		2452	---	18.26	≤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	-12.46	≤8.00	PASS
		2437	-12.46	≤8.00	PASS
		2462	-11.83	≤8.00	PASS
11G	Ant1	2412	-14.30	≤8.00	PASS
		2437	-14.98	≤8.00	PASS
		2462	-13.86	≤8.00	PASS
11N20SISO	Ant1	2412	-15.88	≤8.00	PASS
		2437	-14.84	≤8.00	PASS
		2462	-13.09	≤8.00	PASS
11N40SISO	Ant1	2422	-17.46	≤8.00	PASS
		2437	-17.06	≤8.00	PASS
		2452	-17.12	≤8.00	PASS

Test Graphs

11B_Ant1_2412



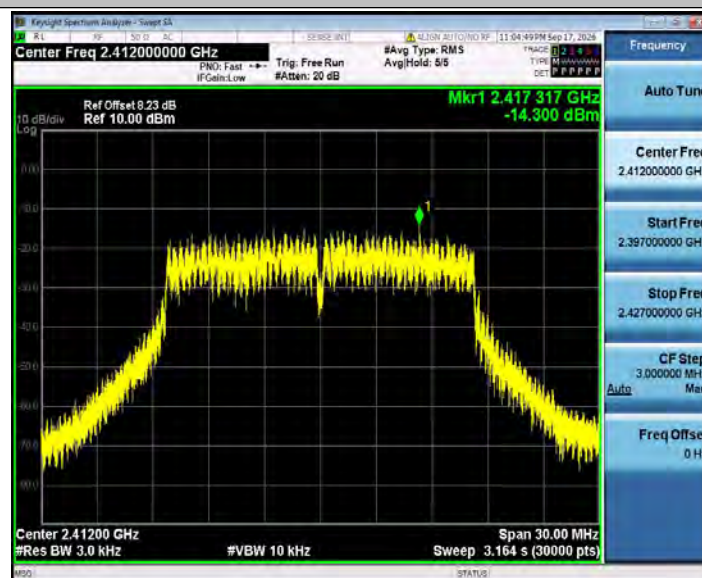
11B_Ant1_2437



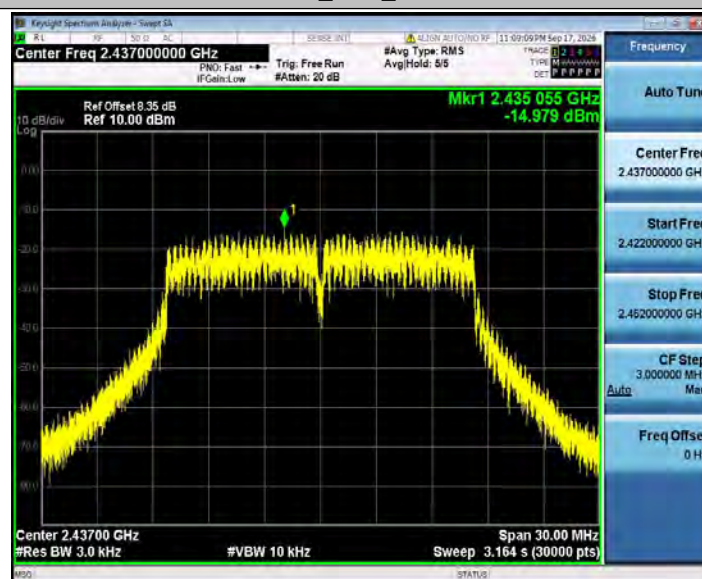
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



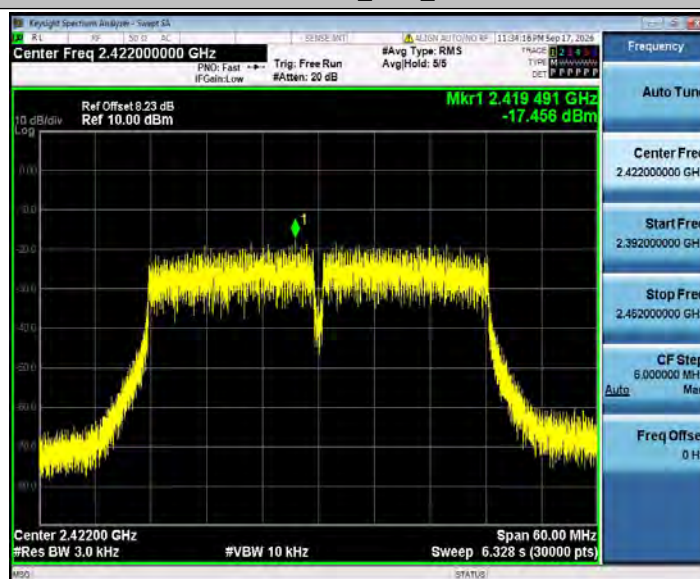
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



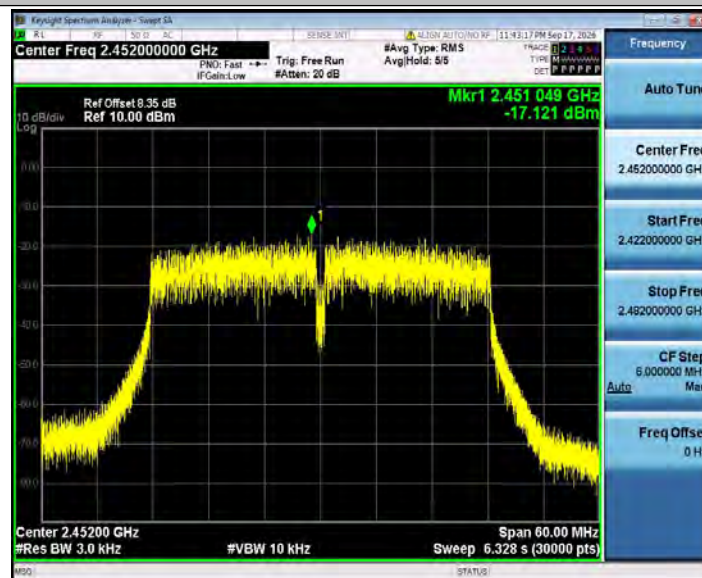
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



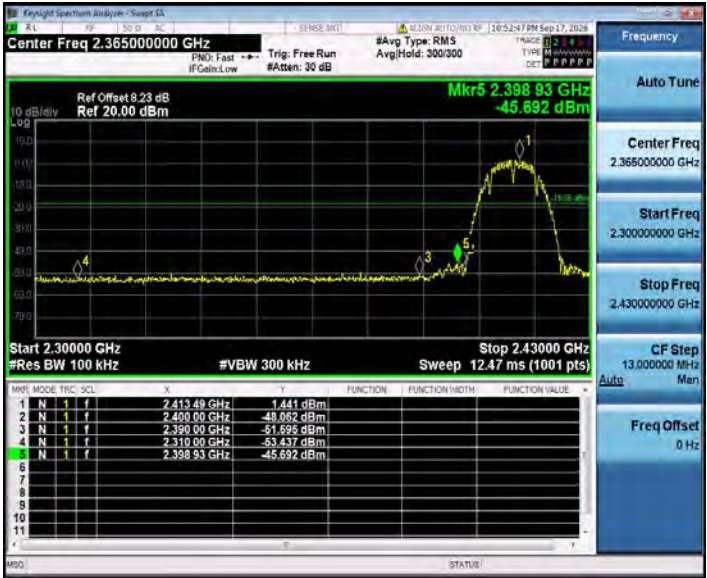
Appendix A.5: Band edge measurements

Test Result

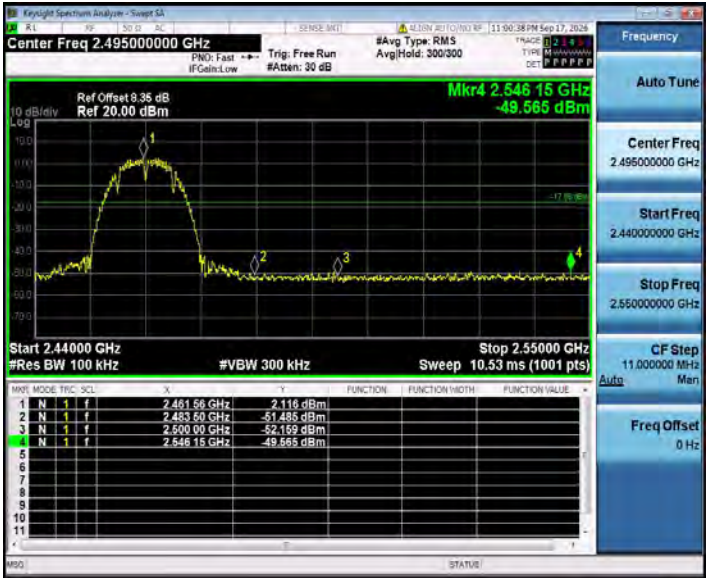
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.44	-45.69	≤-18.56	PASS
		High	2462	2.12	-49.57	≤-17.88	PASS
11G	Ant1	Low	2412	-0.58	-40.01	≤-20.58	PASS
		High	2462	0.42	-49.77	≤-19.58	PASS
11N20SISO	Ant1	Low	2412	-0.84	-37.93	≤-20.84	PASS
		High	2462	-0.04	-48.32	≤-20.04	PASS
11N40SISO	Ant1	Low	2422	-3.20	-43.08	≤-23.2	PASS
		High	2452	-2.64	-48.82	≤-22.64	PASS

Test Graphs

11B_Ant1_Low_2412



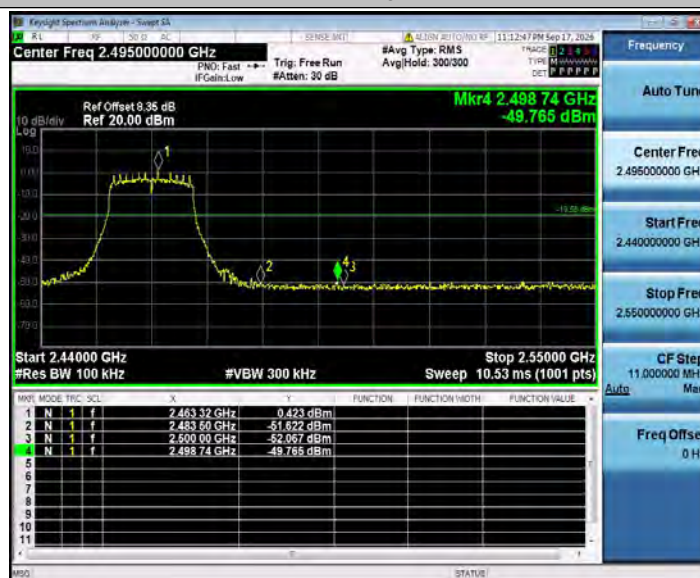
11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

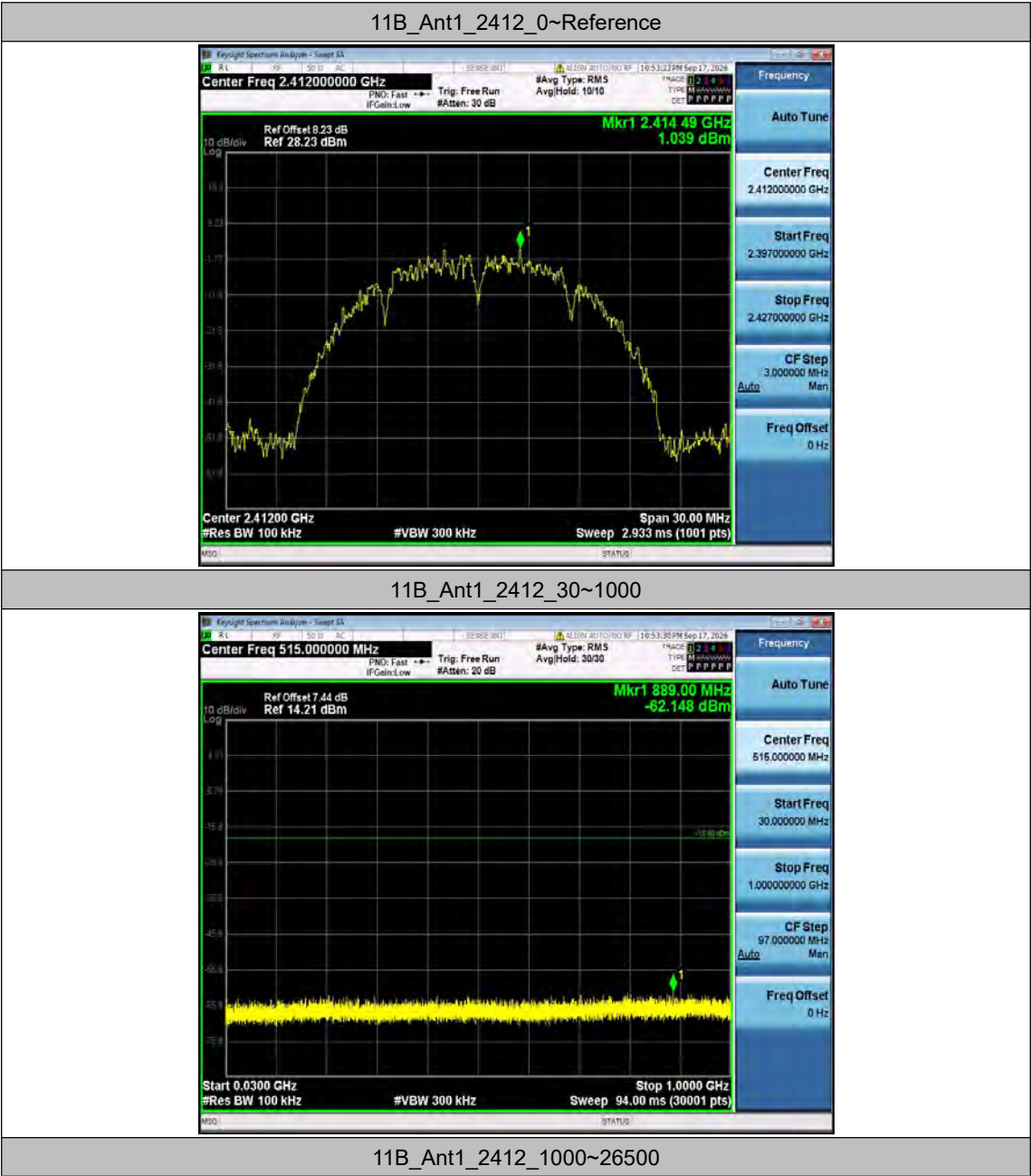


Appendix A.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.04	1.04	---	PASS
			30~1000	1.04	-62.15	≤-18.96	PASS
			1000~26500	1.04	-48.76	≤-18.96	PASS
		2437	Reference	0.54	0.54	---	PASS
			30~1000	0.54	-62.55	≤-19.46	PASS
			1000~26500	0.54	-48.28	≤-19.46	PASS
		2462	Reference	1.93	1.93	---	PASS
			30~1000	1.93	-62.33	≤-18.07	PASS
			1000~26500	1.93	-48.35	≤-18.07	PASS
11G	Ant1	2412	Reference	-4.73	-4.73	---	PASS
			30~1000	-4.73	-61.95	≤-24.73	PASS
			1000~26500	-4.73	-48.06	≤-24.73	PASS
		2437	Reference	-1.20	-1.20	---	PASS
			30~1000	-1.20	-62.02	≤-21.2	PASS
			1000~26500	-1.20	-47.73	≤-21.2	PASS
		2462	Reference	-2.44	-2.44	---	PASS
			30~1000	-2.44	-62.37	≤-22.44	PASS
			1000~26500	-2.44	-47.93	≤-22.44	PASS
11N20SISO	Ant1	2412	Reference	-3.81	-3.81	---	PASS
			30~1000	-3.81	-62.19	≤-23.81	PASS
			1000~26500	-3.81	-47.59	≤-23.81	PASS
		2437	Reference	-4.00	-4.00	---	PASS
			30~1000	-4.00	-61.76	≤-24	PASS
			1000~26500	-4.00	-48.39	≤-24	PASS
		2462	Reference	-1.93	-1.93	---	PASS
			30~1000	-1.93	-61.16	≤-21.93	PASS
			1000~26500	-1.93	-47.06	≤-21.93	PASS
11N40SISO	Ant1	2422	Reference	-3.89	-3.89	---	PASS
			30~1000	-3.89	-61.95	≤-23.89	PASS
			1000~26500	-3.89	-48.42	≤-23.89	PASS
		2437	Reference	-4.50	-4.50	---	PASS
			30~1000	-4.50	-62.02	≤-24.5	PASS
			1000~26500	-4.50	-47.57	≤-24.5	PASS
		2452	Reference	-2.45	-2.45	---	PASS
			30~1000	-2.45	-62.23	≤-22.45	PASS
			1000~26500	-2.45	-48.22	≤-22.45	PASS

Test Graphs

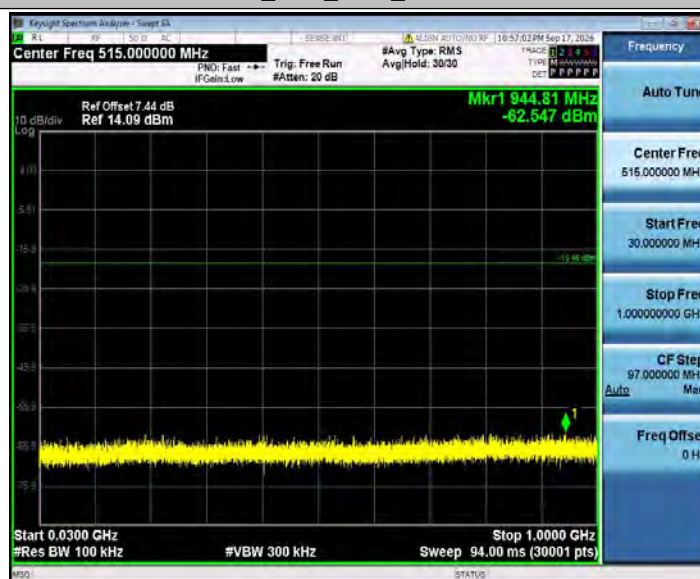




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



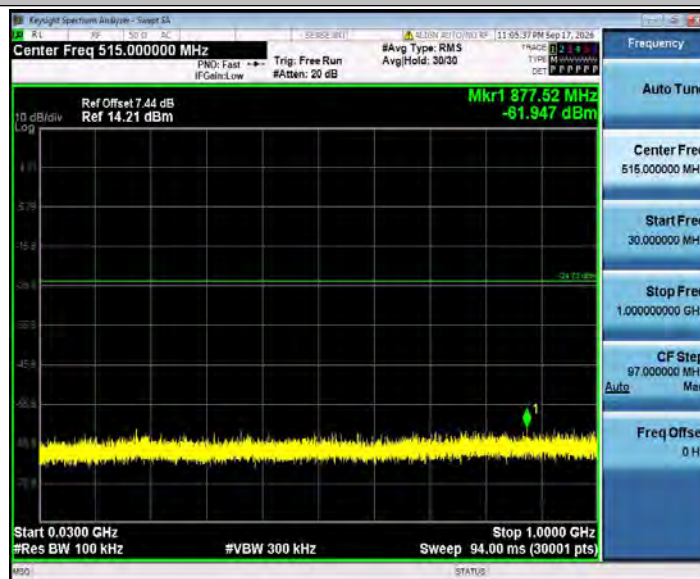
11B_Ant1_2462_1000~26500



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



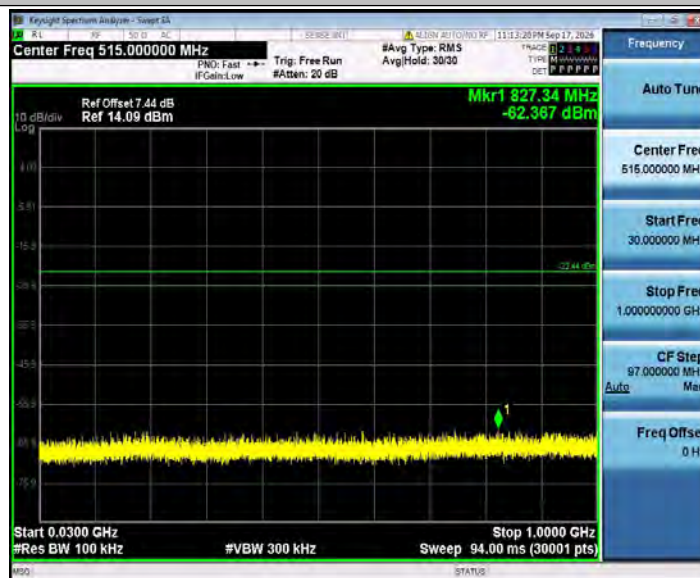
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



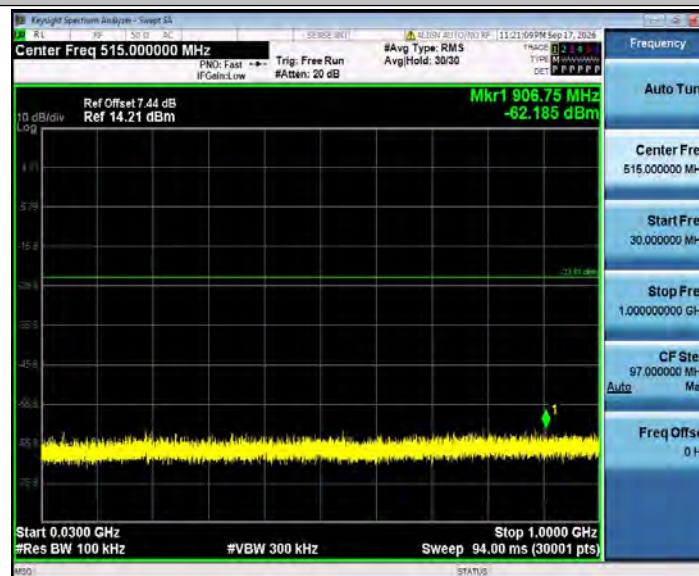
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



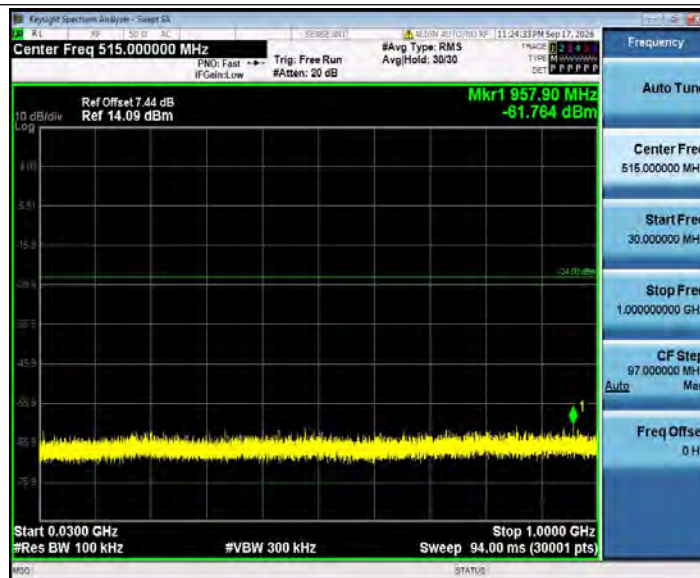
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



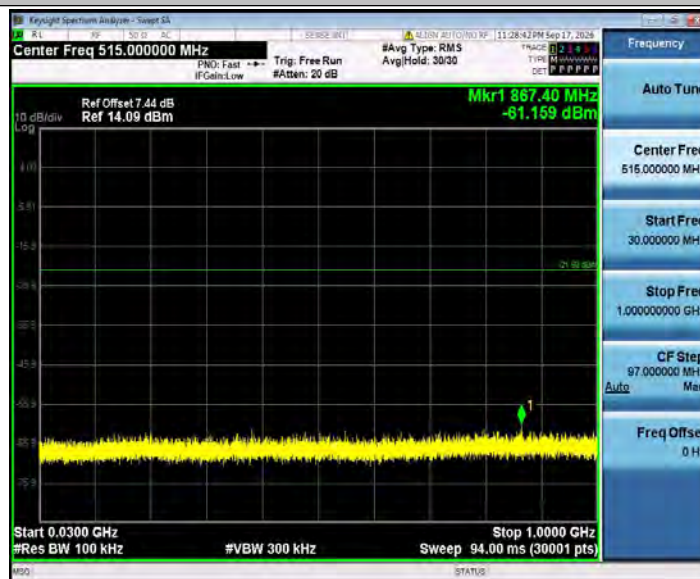
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



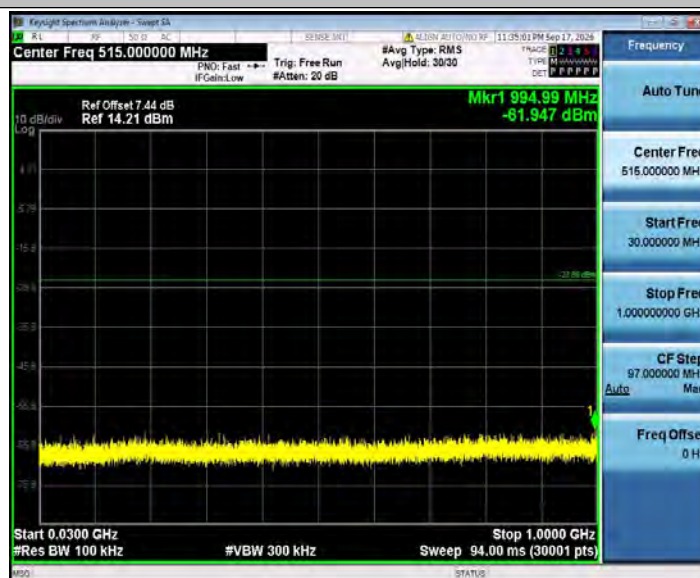
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



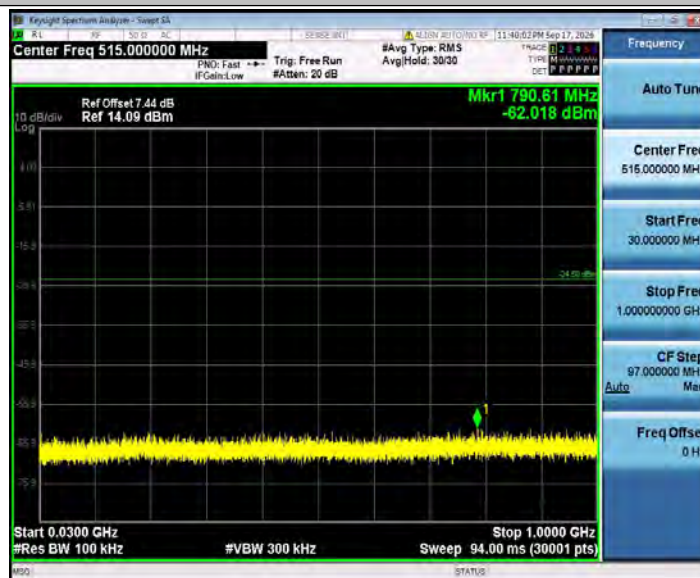
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



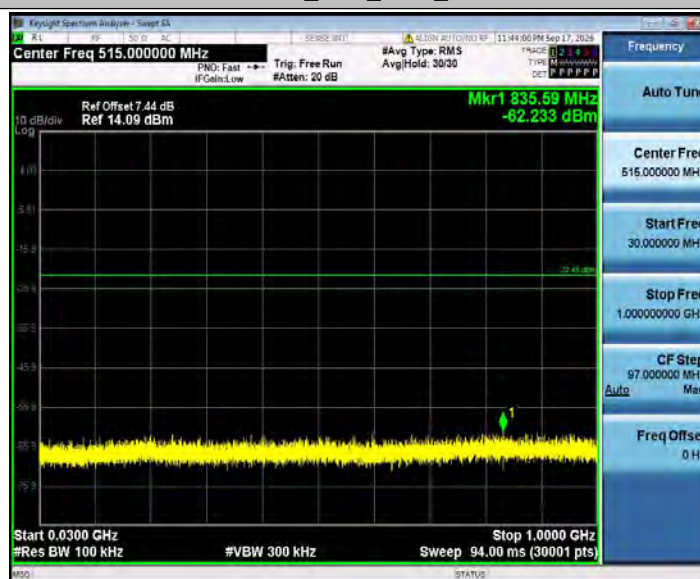
11N40SISO_Ant1_2437_1000~26500

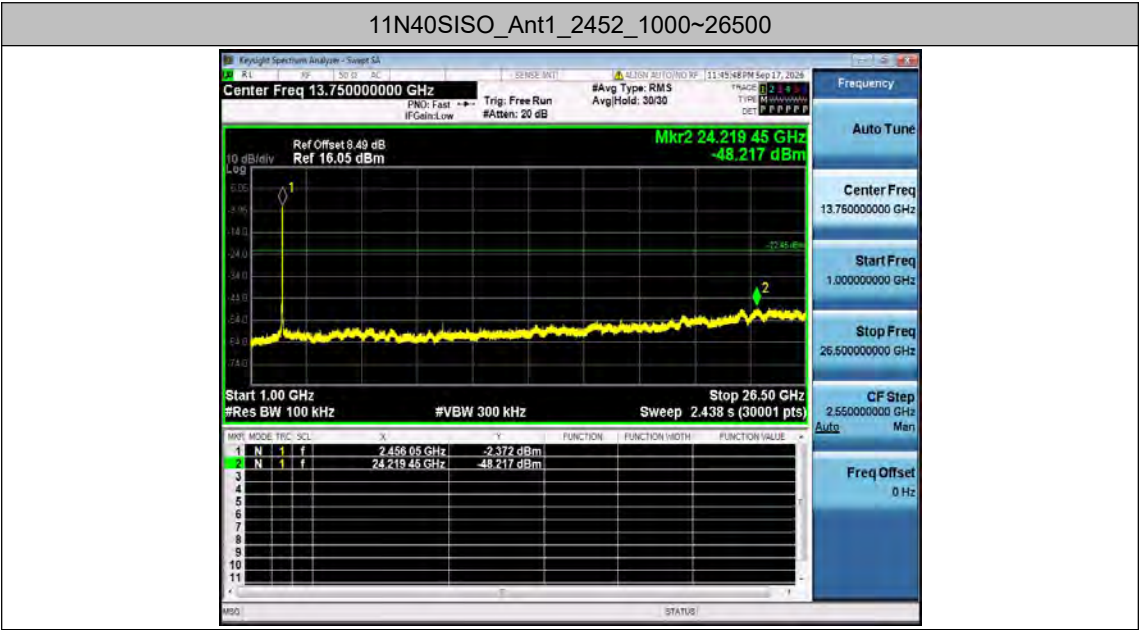


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



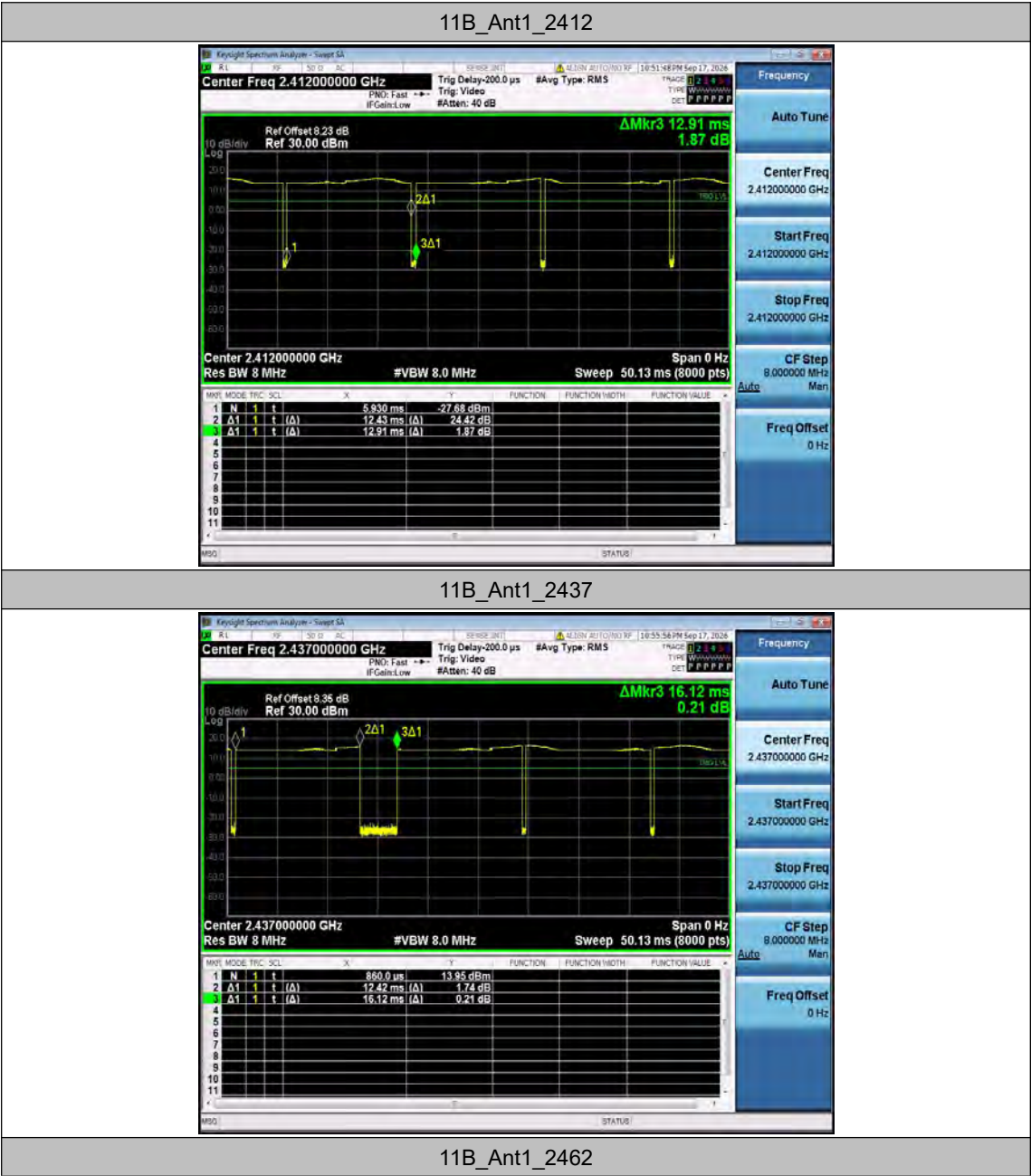


Appendix A.7: Duty Cycle

Test Result

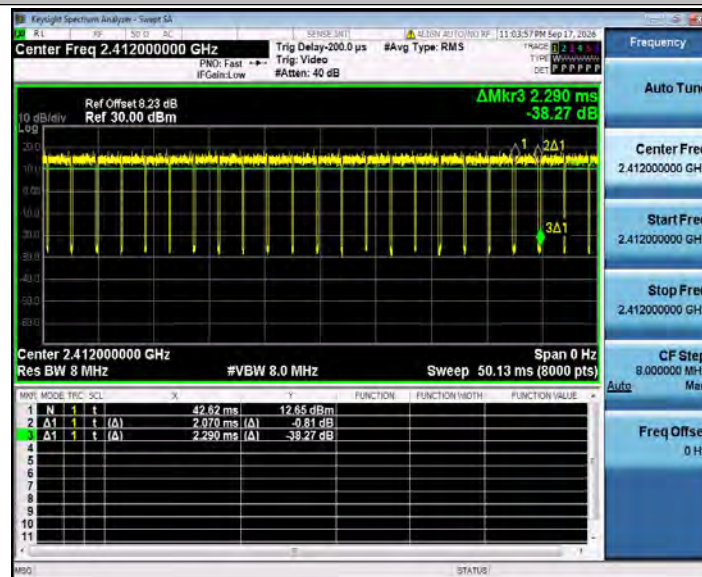
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	12.43	12.91	96.28	0.16	0.08
		2437	12.42	16.12	77.05	1.13	0.08
		2462	12.42	12.90	96.28	0.16	0.08
11G	Ant1	2412	2.07	2.29	90.39	0.44	0.48
		2437	2.06	2.29	89.96	0.46	0.49
		2462	2.07	3.87	53.49	2.72	0.48
11N20SI SO	Ant1	2412	1.92	2.15	89.30	0.49	0.52
		2437	1.92	2.15	89.30	0.49	0.52
		2462	1.92	2.15	89.30	0.49	0.52
11N40SI SO	Ant1	2422	0.94	1.17	80.34	0.95	1.06
		2437	0.94	1.17	80.34	0.95	1.06
		2452	0.94	1.24	75.81	1.20	1.06

Test Graphs

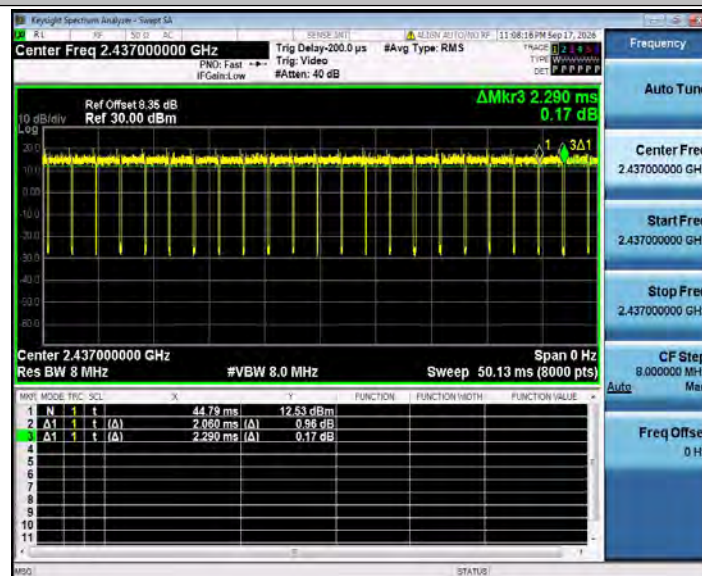




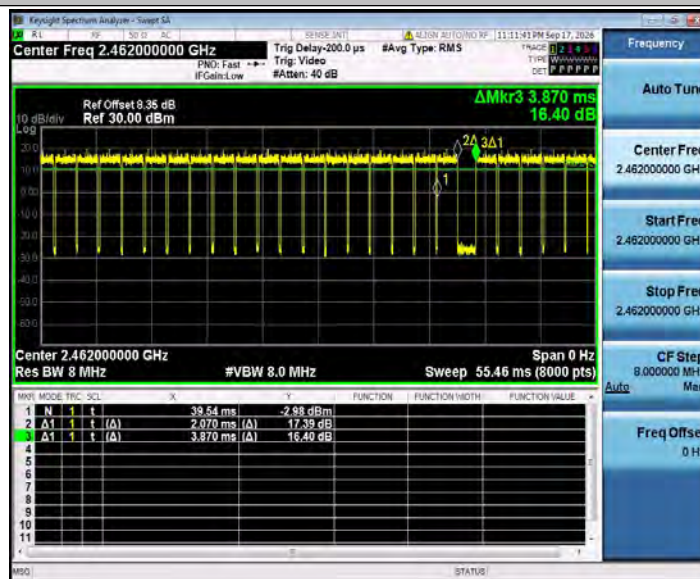
11G_Ant1_2412



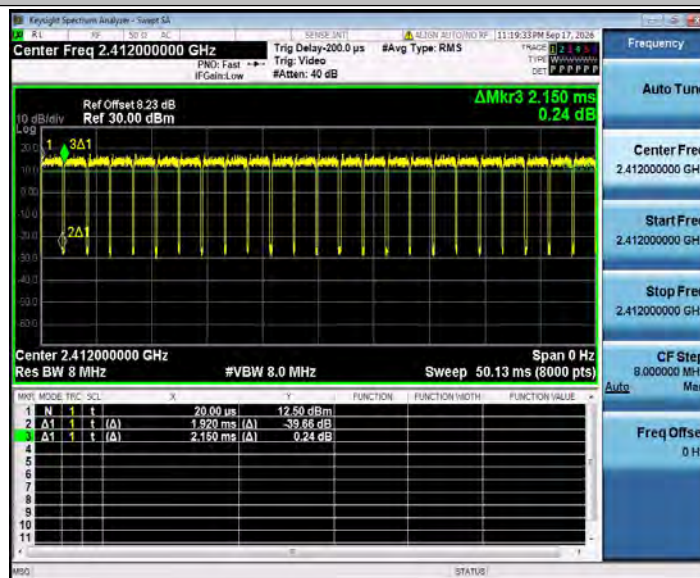
11G_Ant1_2437



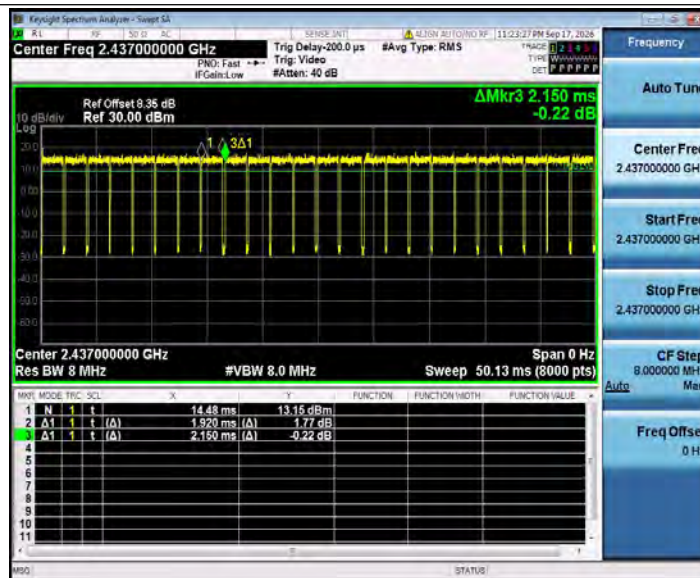
11G_Ant1_2462



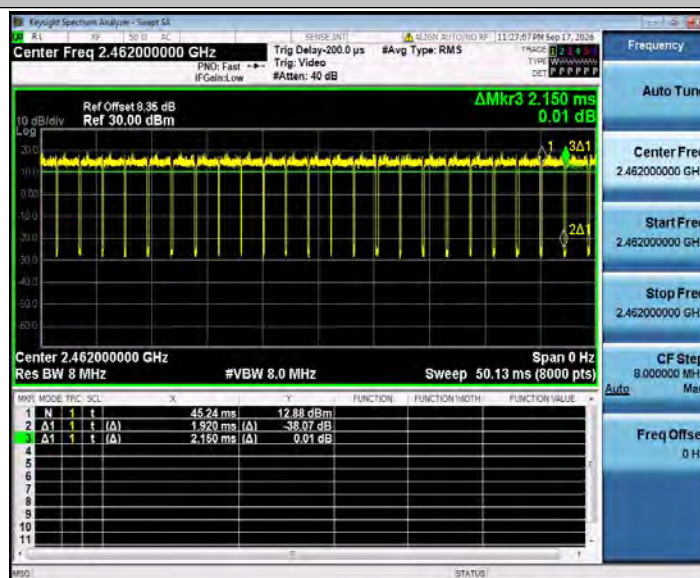
11N20SISO_Ant1_2412



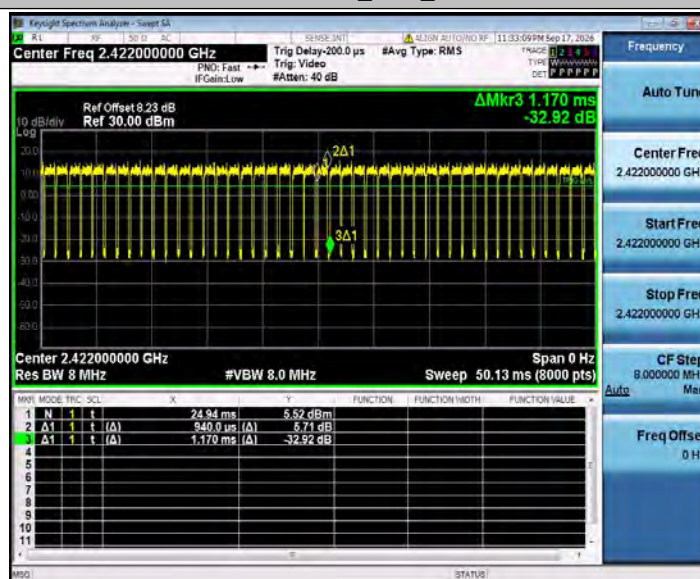
11N20SISO_Ant1_2437



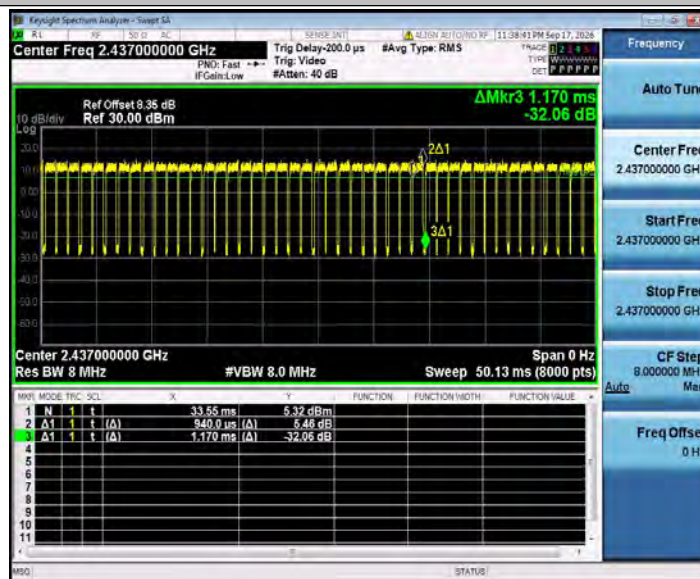
11N20SISO_Ant1_2462



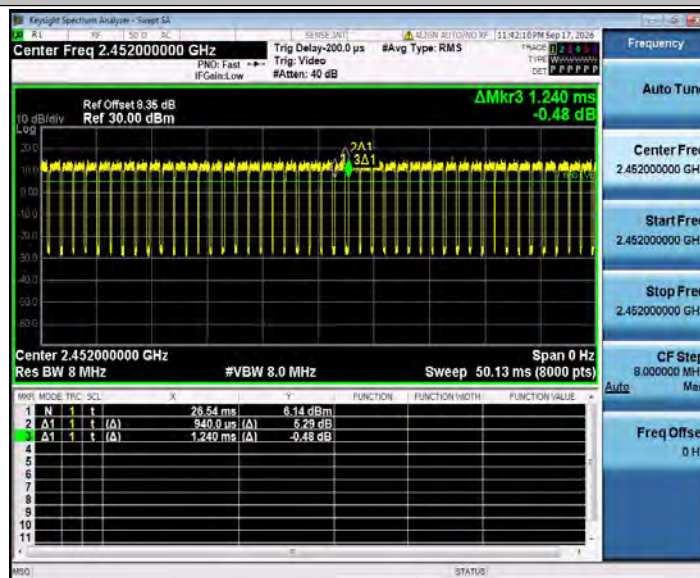
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.8: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-50.09	≤-41.20	45.11	≤54	PASS
				AV	2389.960	-48.98	≤-41.20	46.22	≤54	PASS
				AV	2390.000	-48.98	≤-41.20	46.22	≤54	PASS
				Peak	2310.000	-42.38	≤-21.20	52.82	≤74	PASS
				Peak	2331.200	-38.71	≤-21.20	56.49	≤74	PASS
				Peak	2390.000	-42.61	≤-21.20	52.59	≤74	PASS
		High	2462	AV	2483.500	-48.91	≤-41.20	46.29	≤54	PASS
				AV	2484.330	-48.83	≤-41.20	46.37	≤54	PASS
				AV	2500.000	-49.08	≤-41.20	46.12	≤54	PASS
				Peak	2483.500	-40.47	≤-21.20	54.73	≤74	PASS
				Peak	2485.210	-39.43	≤-21.20	55.77	≤74	PASS
				Peak	2500.000	-42.42	≤-21.20	52.78	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.76	≤-41.20	45.44	≤54	PASS
				AV	2389.570	-47.92	≤-41.20	47.28	≤54	PASS
				AV	2390.000	-48.06	≤-41.20	47.14	≤54	PASS
				Peak	2310.000	-42.91	≤-21.20	52.29	≤74	PASS
				Peak	2386.710	-37.65	≤-21.20	57.55	≤74	PASS
				Peak	2390.000	-40.1	≤-21.20	55.10	≤74	PASS
		High	2462	AV	2483.500	-48.64	≤-41.20	46.56	≤54	PASS
				AV	2484.220	-48.41	≤-41.20	46.79	≤54	PASS
				AV	2500.000	-48.96	≤-41.20	46.24	≤54	PASS
				Peak	2483.500	-40.18	≤-21.20	55.02	≤74	PASS
				Peak	2486.970	-34.6	≤-21.20	60.60	≤74	PASS
				Peak	2500.000	-42.31	≤-21.20	52.89	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-49.81	≤-41.20	45.39	≤54	PASS
				AV	2389.960	-47.74	≤-41.20	47.46	≤54	PASS
				AV	2390.000	-47.74	≤-41.20	47.46	≤54	PASS
				Peak	2310.000	-42.8	≤-21.20	52.40	≤74	PASS
				Peak	2386.710	-37.54	≤-21.20	57.66	≤74	PASS
				Peak	2390.000	-40.9	≤-21.20	54.30	≤74	PASS
		High	2462	AV	2483.500	-48.48	≤-41.20	46.72	≤54	PASS
				AV	2483.560	-48.39	≤-41.20	46.81	≤54	PASS
				AV	2500.000	-48.81	≤-41.20	46.39	≤54	PASS
				Peak	2483.500	-41.79	≤-21.20	53.41	≤74	PASS
				Peak	2487.630	-36.71	≤-21.20	58.49	≤74	PASS
				Peak	2500.000	-40.9	≤-21.20	54.30	≤74	PASS
11N40SIS	Ant1	Low	2422	AV	2310.000	-49.46	≤-41.20	45.74	≤54	PASS

O				AV	2389.700	-46.38	≤ -41.20	48.82	≤ 54	PASS
				AV	2390.000	-46.46	≤ -41.20	48.74	≤ 54	PASS
				Peak	2310.000	-42.97	≤ -21.20	52.23	≤ 74	PASS
				Peak	2379.500	-32.83	≤ -21.20	62.37	≤ 74	PASS
				Peak	2390.000	-39.15	≤ -21.20	56.05	≤ 74	PASS
		High	2452	AV	2483.500	-47.77	≤ -41.20	47.43	≤ 54	PASS
				AV	2484.500	-47.68	≤ -41.20	47.52	≤ 54	PASS
				AV	2500.000	-48.37	≤ -41.20	46.83	≤ 54	PASS
				Peak	2483.500	-40.66	≤ -21.20	54.54	≤ 74	PASS
				Peak	2483.875	-33.18	≤ -21.20	62.02	≤ 74	PASS
				Peak	2500.000	-40.67	≤ -21.20	54.53	≤ 74	PASS

Note:

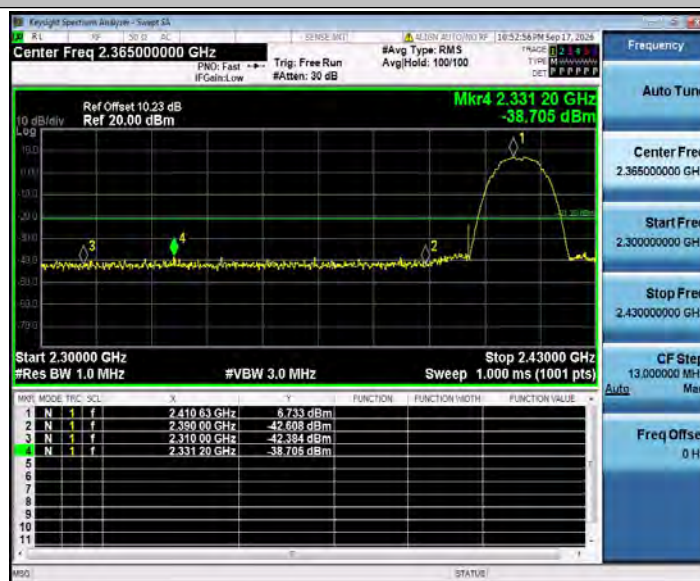
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

11B_Ant1_Low_2412_AV



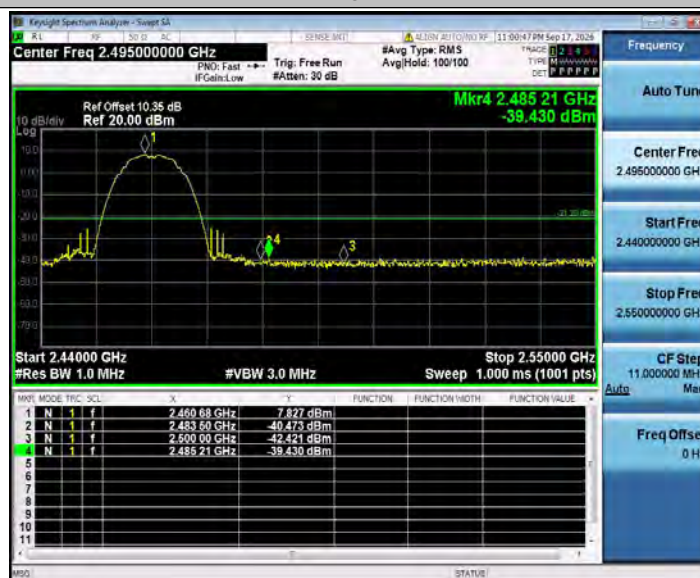
11B_Ant1_Low_2412_Peak



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

