

Case No. : <u>GTS20260724024-1-01</u>	
Ambient Condition: <u>25</u> °C, <u>50</u> %RH,	
Test Date: <u>2026.8.05-2026.8.27</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	11.280	2406.800	2418.080	0.5	PASS
		2437	11.320	2431.800	2443.120	0.5	PASS
		2462	11.240	2456.840	2468.080	0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.160	2420.840	0.5	PASS
		2437	17.720	2428.120	2445.840	0.5	PASS
		2462	17.640	2453.200	2470.840	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

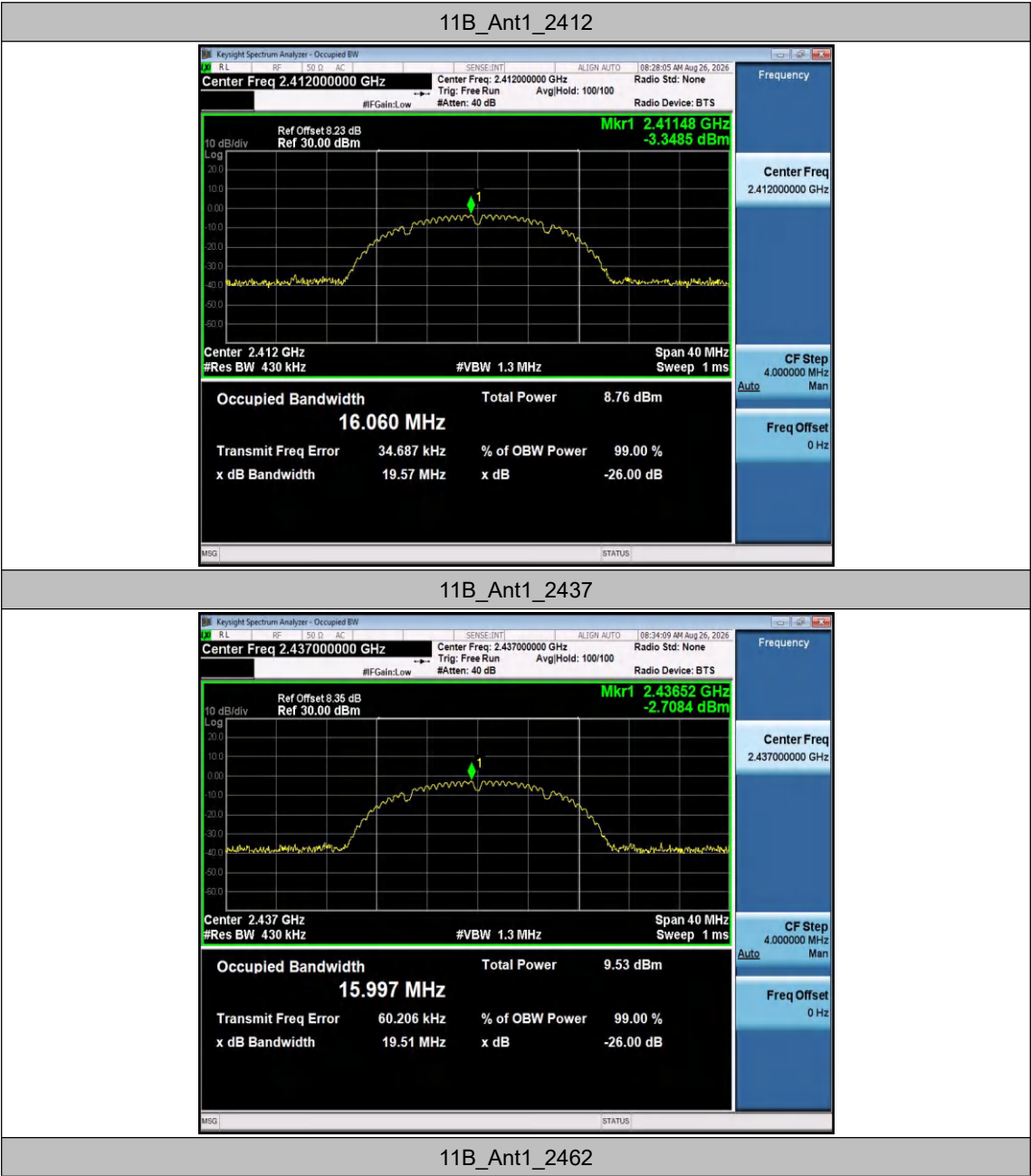


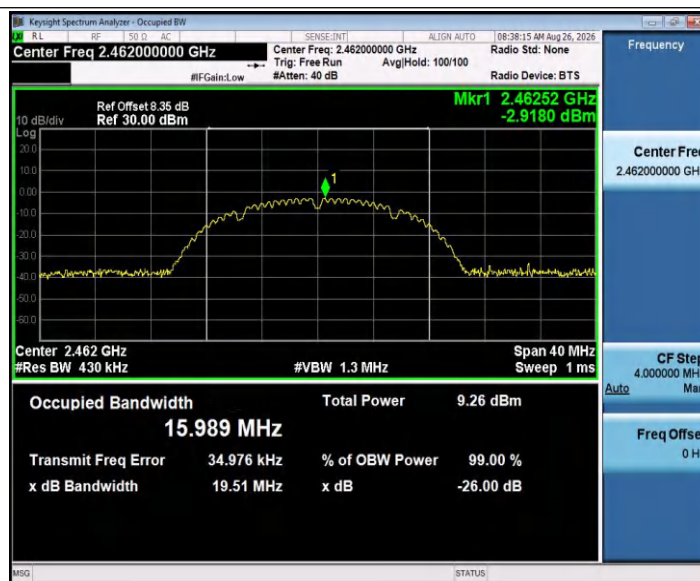
Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	16.060	2404.0047	2420.0647	---	---
		2437	15.997	2429.0617	2445.0587	---	---
		2462	15.989	2454.0405	2470.0295	---	---
11G	Ant1	2412	17.359	2403.3716	2420.7306	---	---
		2437	17.401	2428.3266	2445.7276	---	---
		2462	17.339	2453.3344	2470.6734	---	---
11N20SISO	Ant1	2412	18.297	2402.8463	2421.1433	---	---
		2437	18.246	2427.9291	2446.1751	---	---
		2462	18.171	2452.9494	2471.1204	---	---

Test Graphs





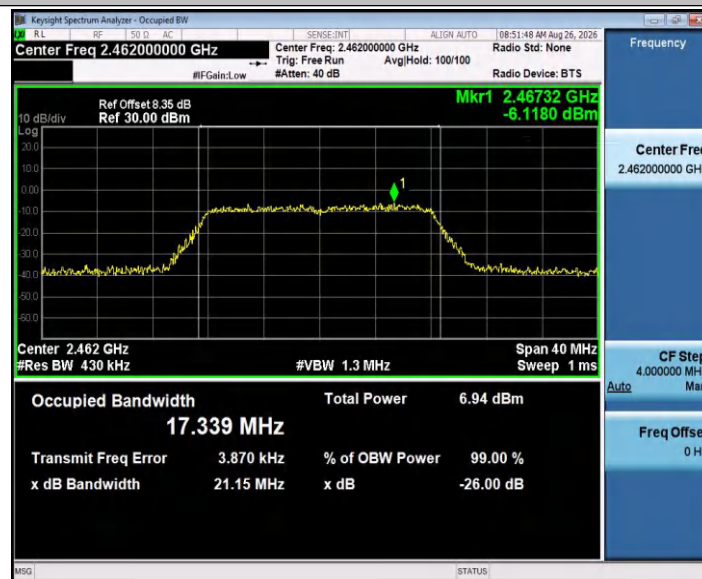
11G_Ant1_2412



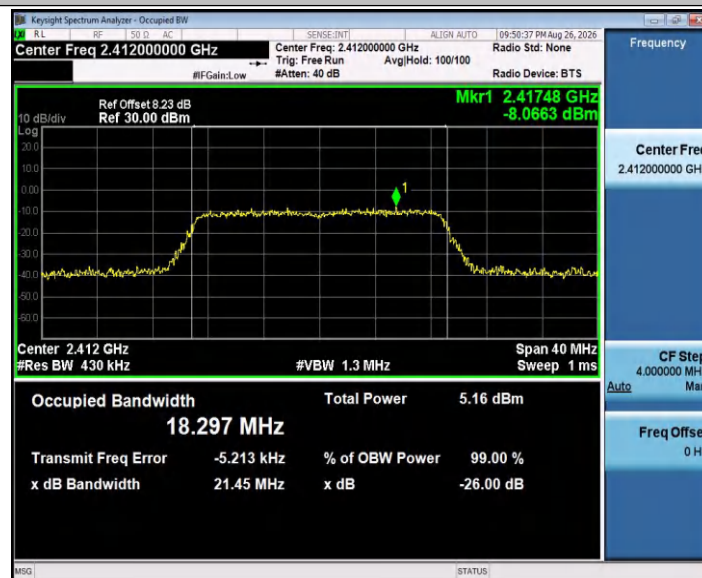
11G_Ant1_2437



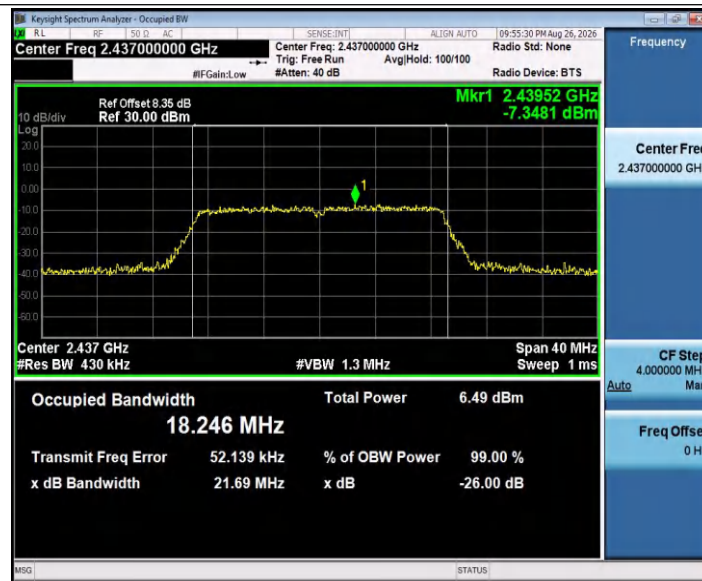
11G_Ant1_2462



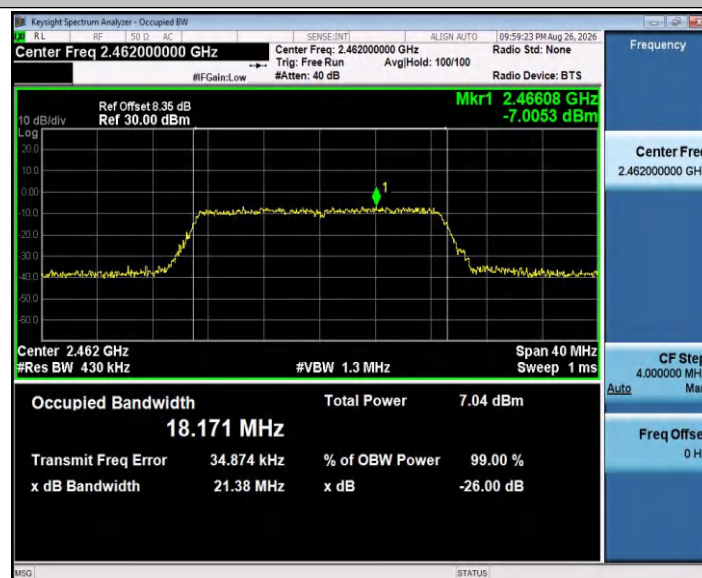
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.84	≤30.00	PASS
		2437	8.17	≤30.00	PASS
		2462	6.57	≤30.00	PASS
11G	Ant1	2412	6.68	≤30.00	PASS
		2437	7.68	≤30.00	PASS
		2462	8.05	≤30.00	PASS
11N20SISO	Ant1	2412	6.29	≤30.00	PASS
		2437	7.72	≤30.00	PASS
		2462	8.03	≤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	-18.71	≤8.00	PASS
		2437	-17.42	≤8.00	PASS
		2462	-17.83	≤8.00	PASS
11G	Ant1	2412	-25.54	≤8.00	PASS
		2437	-23.88	≤8.00	PASS
		2462	-24.76	≤8.00	PASS
11N20SISO	Ant1	2412	-27.16	≤8.00	PASS
		2437	-24.49	≤8.00	PASS
		2462	-23.61	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



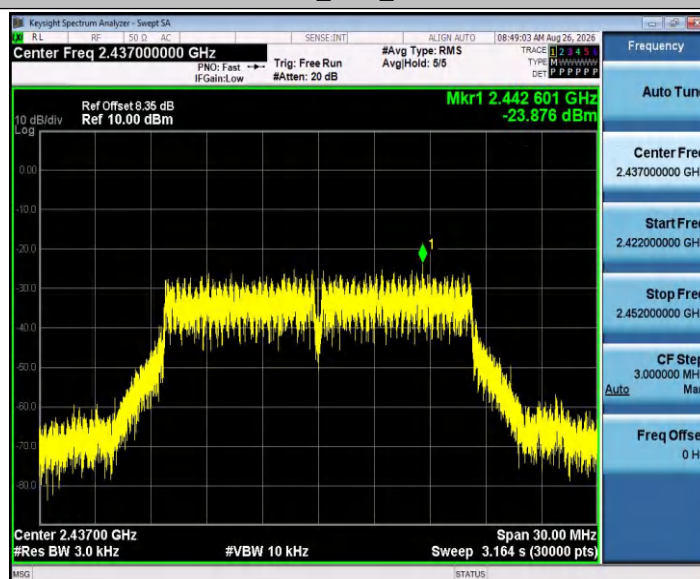
11B_Ant1_2462



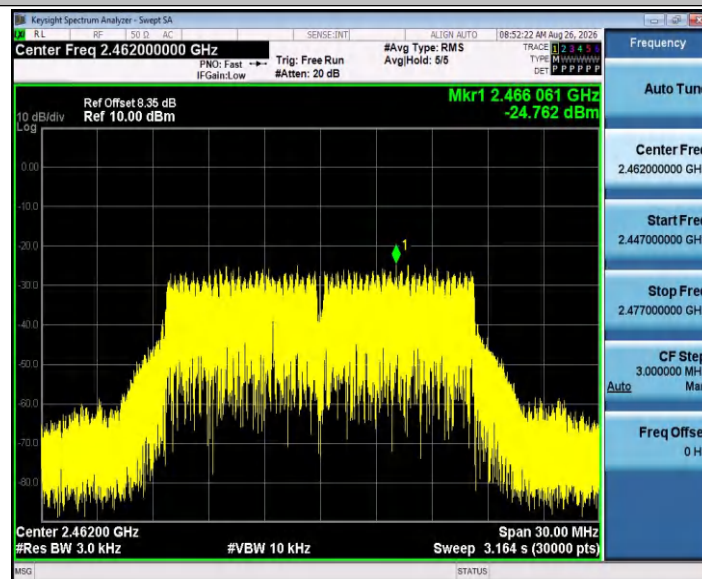
11G_Ant1_2412



11G_Ant1_2437



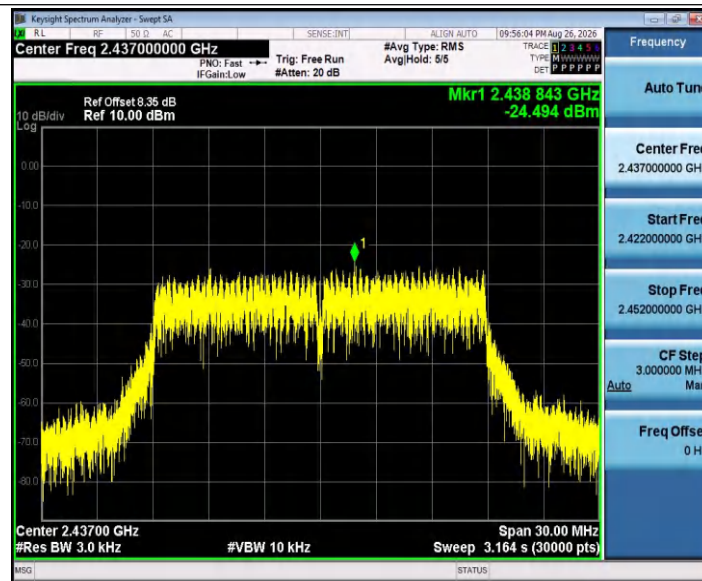
11G_Ant1_2462



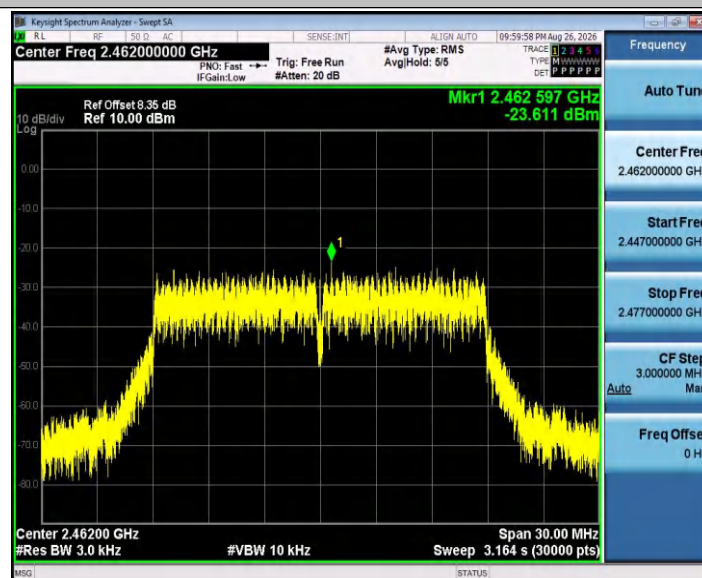
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



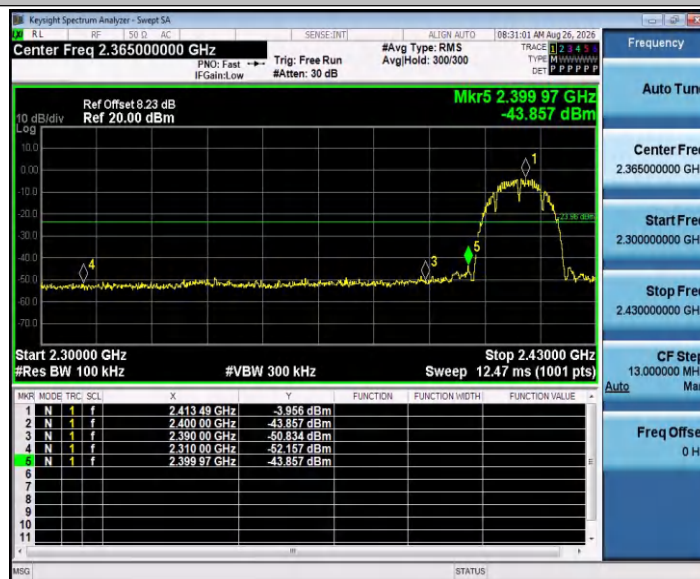
Appendix A.5: Band edge measurements

Test Result

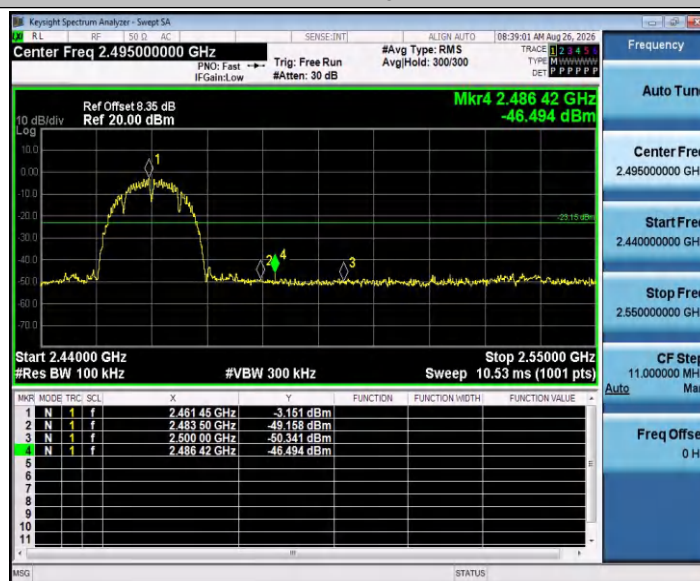
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.96	-43.86	≤-23.96	PASS
		High	2462	-3.15	-46.49	≤-23.15	PASS
11G	Ant1	Low	2412	-11.68	-45.86	≤-31.68	PASS
		High	2462	-10.16	-48.7	≤-30.16	PASS
11N20SISO	Ant1	Low	2412	-12.36	-45.8	≤-32.36	PASS
		High	2462	-10.15	-48.39	≤-30.15	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



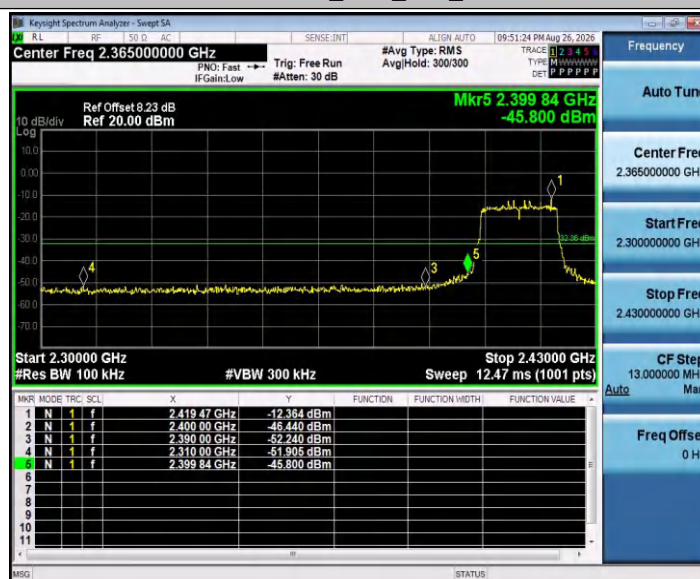
11G_Ant1_Low_2412

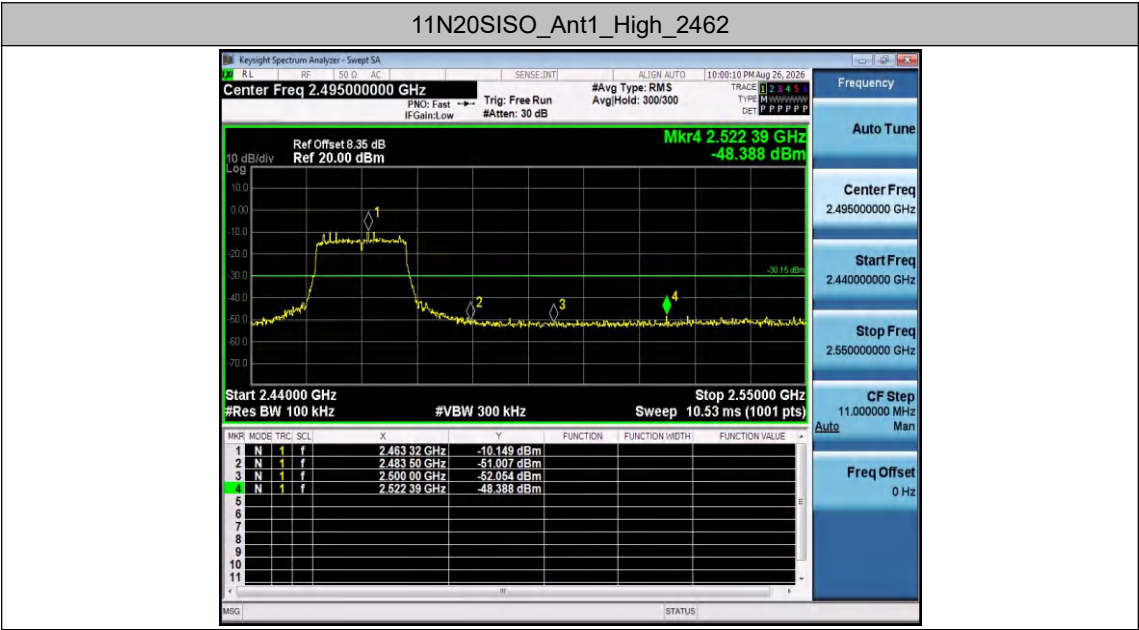


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412





Appendix A.6: Conducted Spurious Emission

Test Result

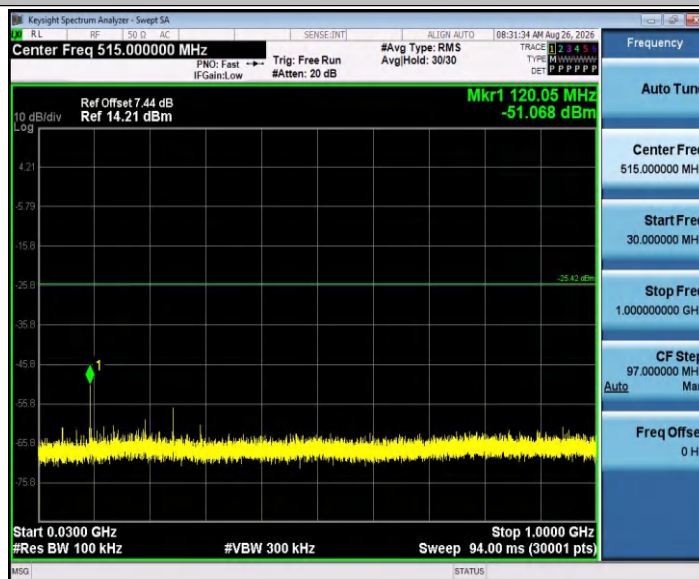
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-5.42	-5.42	---	PASS
			30~1000	-5.42	-51.07	≤-25.42	PASS
			1000~26500	-5.42	-42.38	≤-25.42	PASS
		2437	Reference	-6.15	-6.15	---	PASS
			30~1000	-6.15	-56.69	≤-26.15	PASS
			1000~26500	-6.15	-42.37	≤-26.15	PASS
		2462	Reference	-3.99	-3.99	---	PASS
			30~1000	-3.99	-51.6	≤-23.99	PASS
			1000~26500	-3.99	-42.09	≤-23.99	PASS
11G	Ant1	2412	Reference	-11.41	-11.41	---	PASS
			30~1000	-11.41	-49.75	≤-31.41	PASS
			1000~26500	-11.41	-48.32	≤-31.41	PASS
		2437	Reference	-11.41	-11.41	---	PASS
			30~1000	-11.41	-50.46	≤-31.41	PASS
			1000~26500	-11.41	-47.71	≤-31.41	PASS
		2462	Reference	-10.46	-10.46	---	PASS
			30~1000	-10.46	-50.8	≤-30.46	PASS
			1000~26500	-10.46	-47.47	≤-30.46	PASS
11N20SISO	Ant1	2412	Reference	-15.32	-15.32	---	PASS
			30~1000	-15.32	-50.91	≤-35.32	PASS
			1000~26500	-15.32	-49.18	≤-35.32	PASS
		2437	Reference	-12.57	-12.57	---	PASS
			30~1000	-12.57	-50.26	≤-32.57	PASS
			1000~26500	-12.57	-48.48	≤-32.57	PASS
		2462	Reference	-13.57	-13.57	---	PASS
			30~1000	-13.57	-49.25	≤-33.57	PASS
			1000~26500	-13.57	-47.79	≤-33.57	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



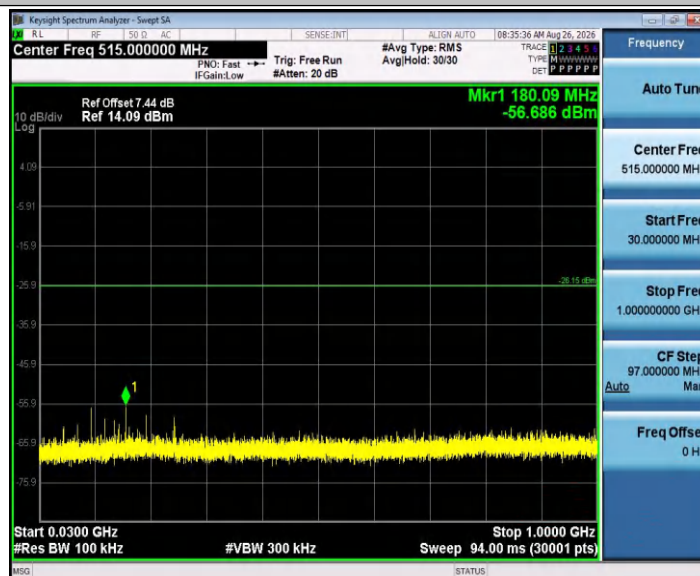
11B_Ant1_2412_1000~26500



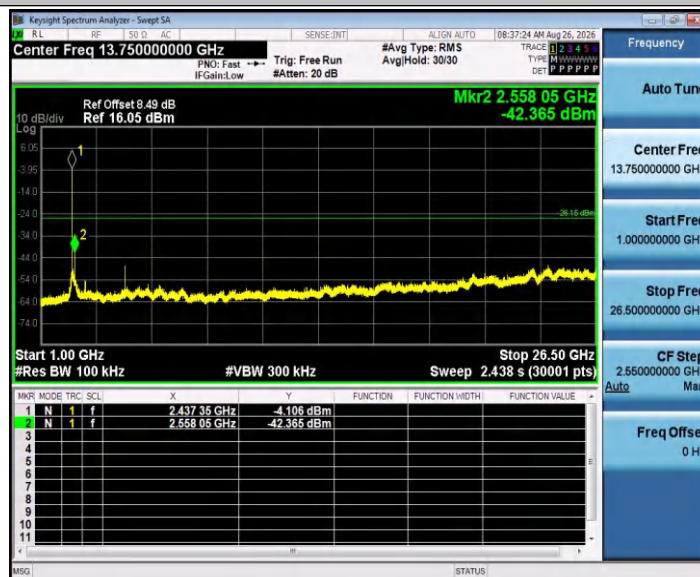
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



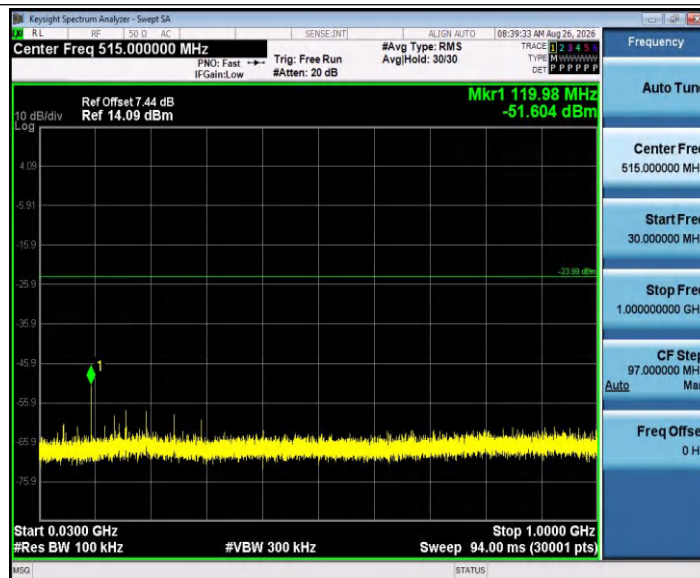
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



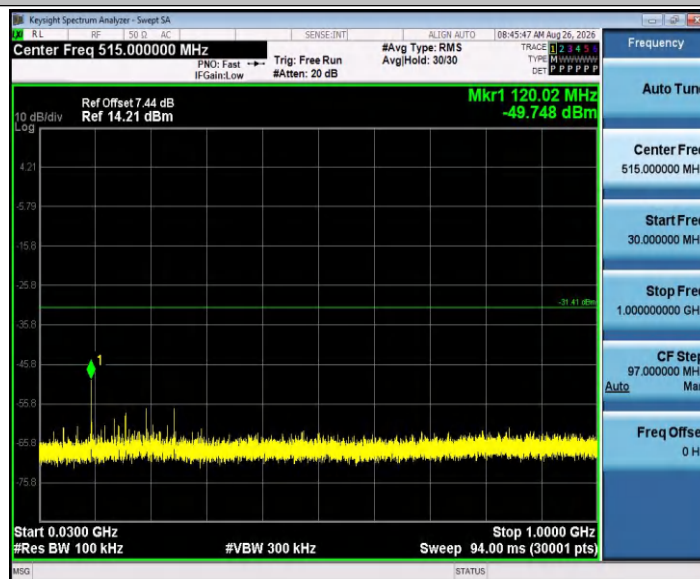
11B_Ant1_2462_1000~26500



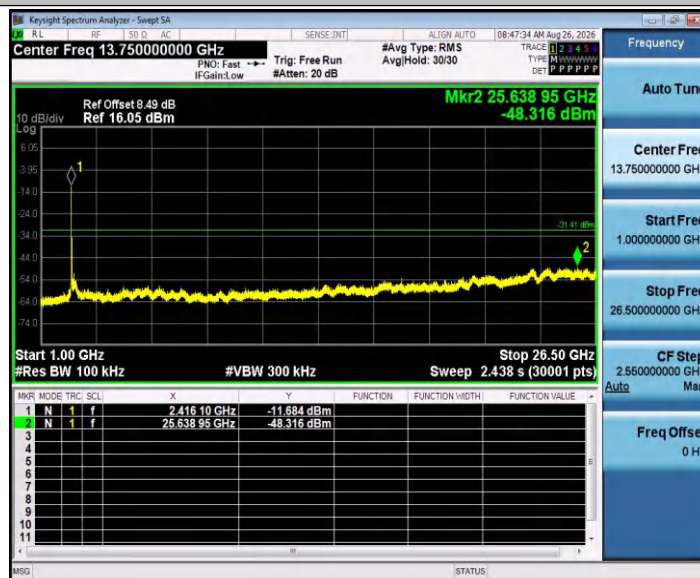
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



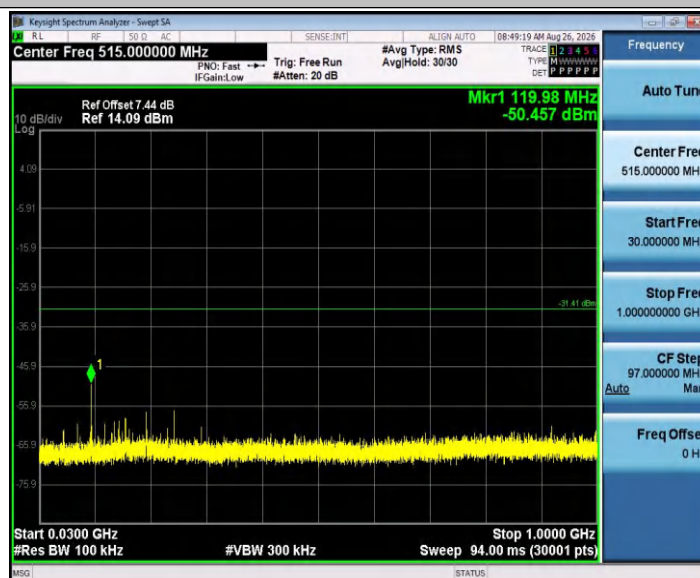
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



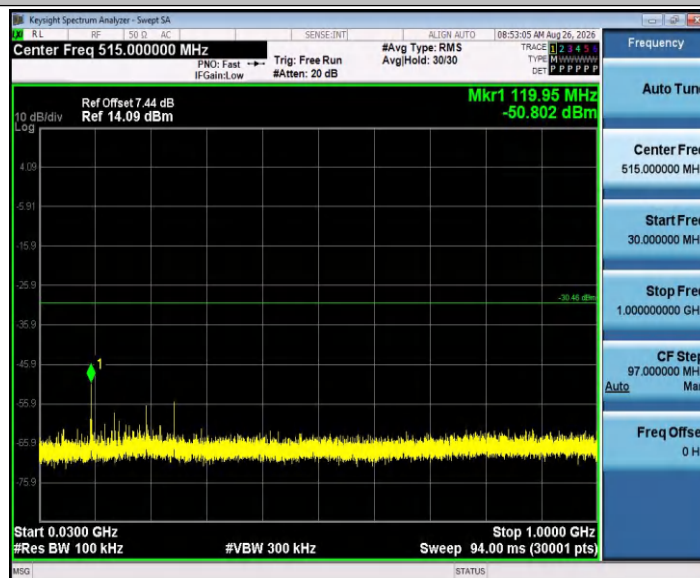
11G_Ant1_2437_1000~26500



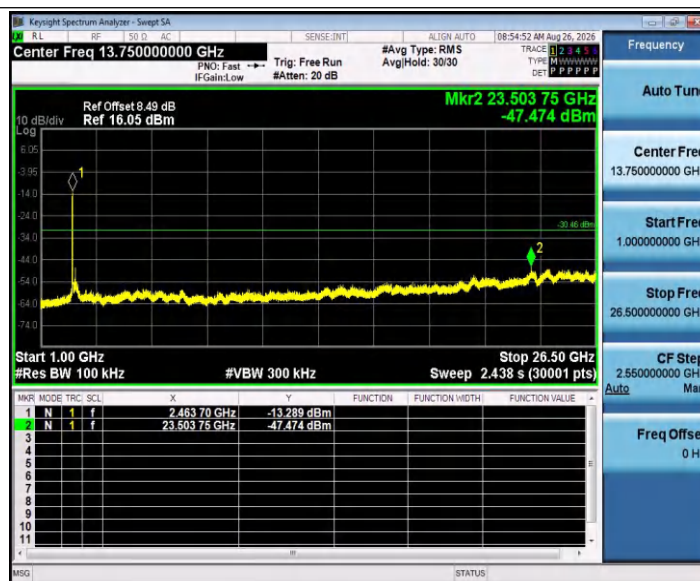
11G_Ant1_2462_0~Reference



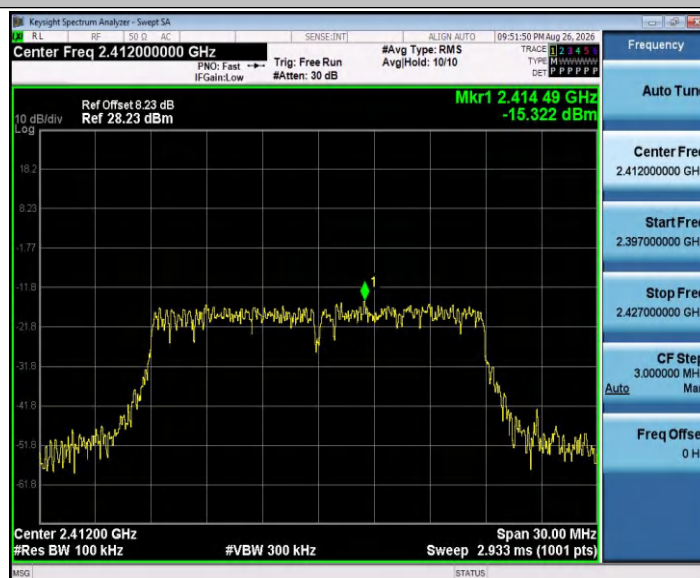
11G_Ant1_2462_30~1000



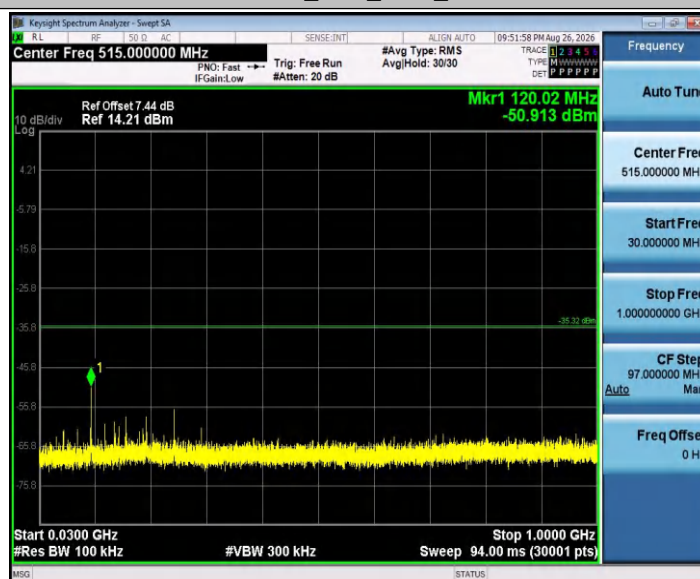
11G_Ant1_2462_1000~26500



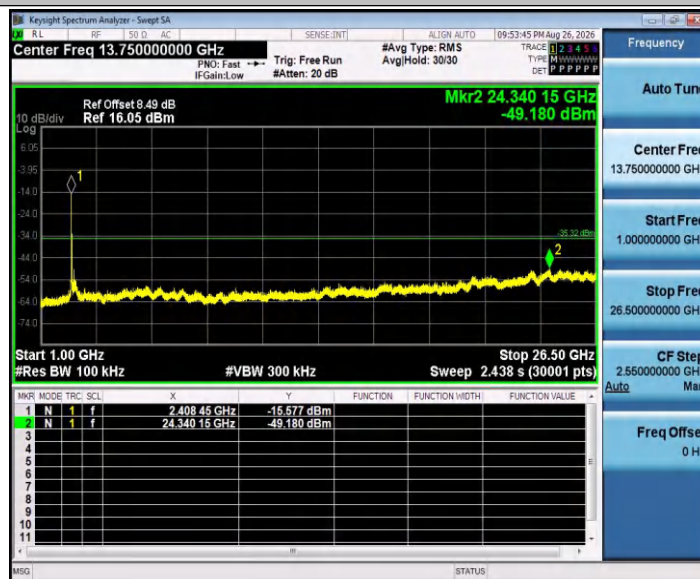
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



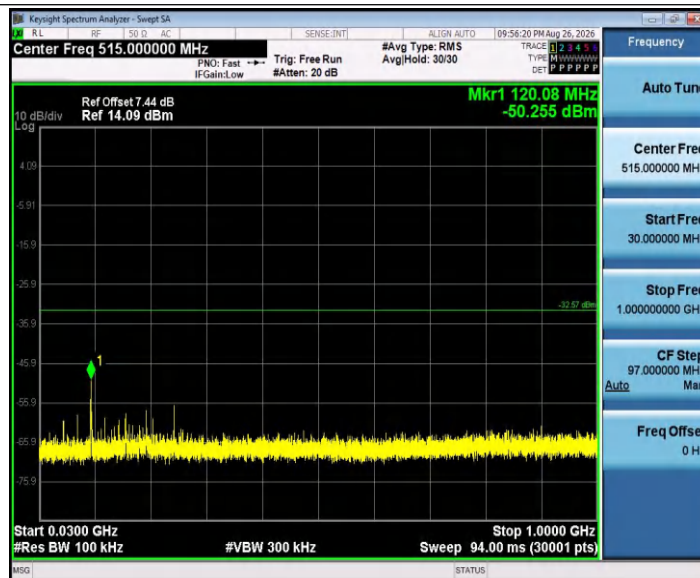
11N20SISO_Ant1_2412_1000~26500



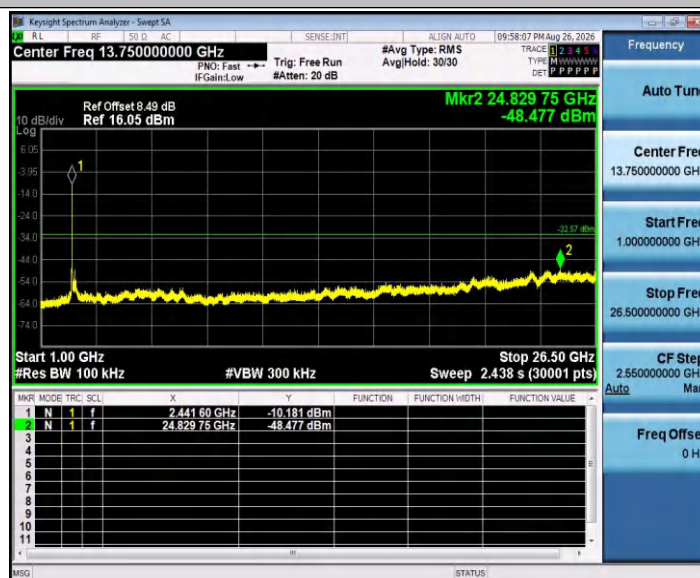
11N20SISO_Ant1_2437_0~Reference



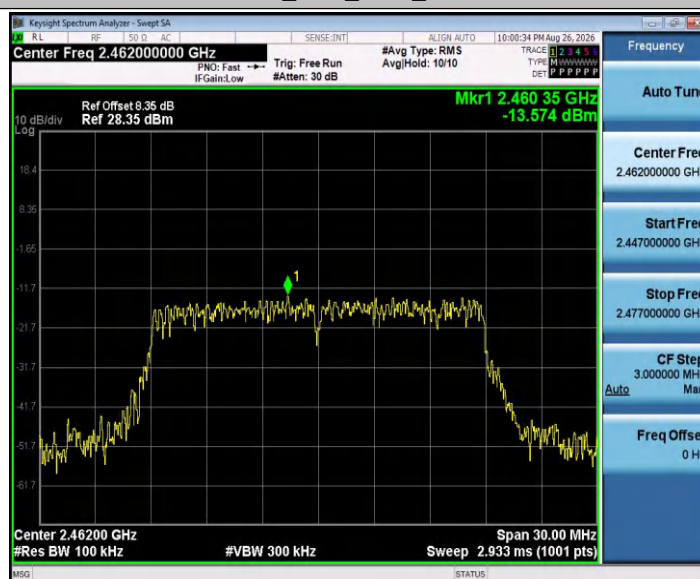
11N20SISO_Ant1_2437_30~1000

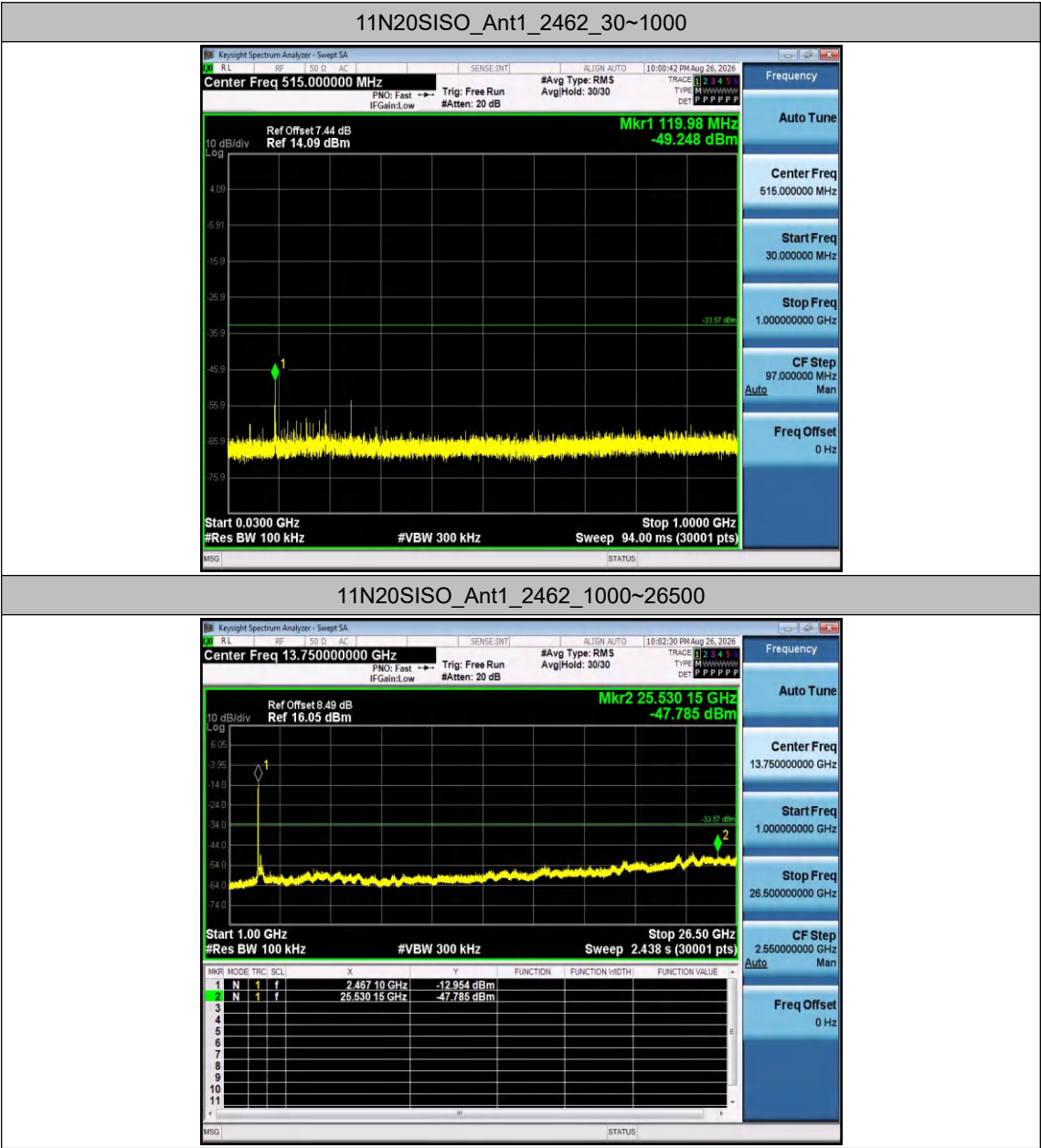


11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



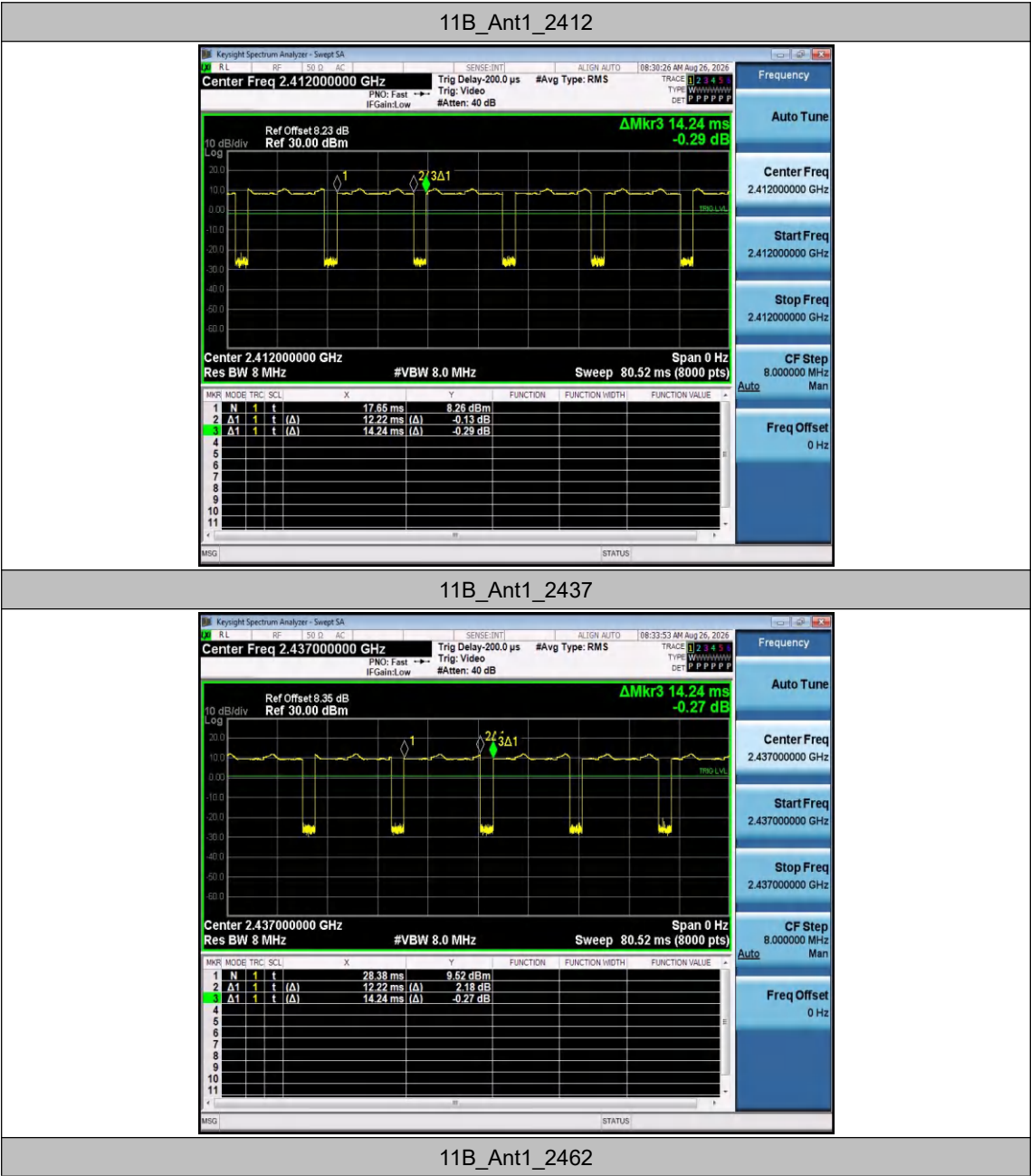


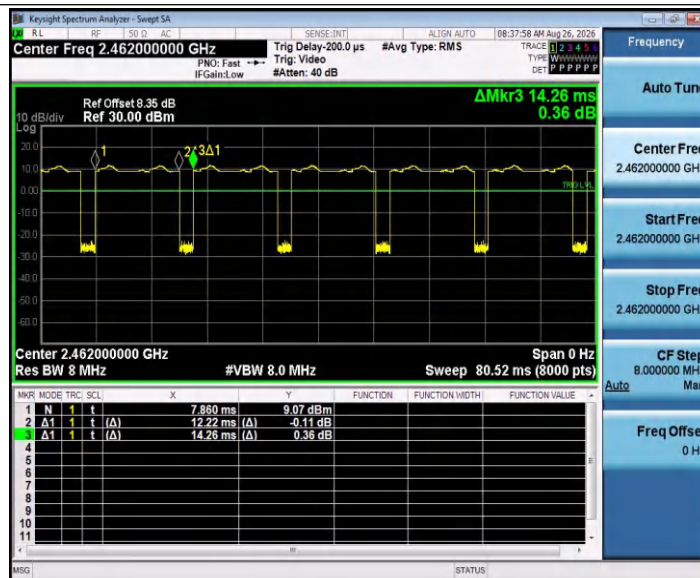
Appendix A.7: Duty Cycle

Test Result

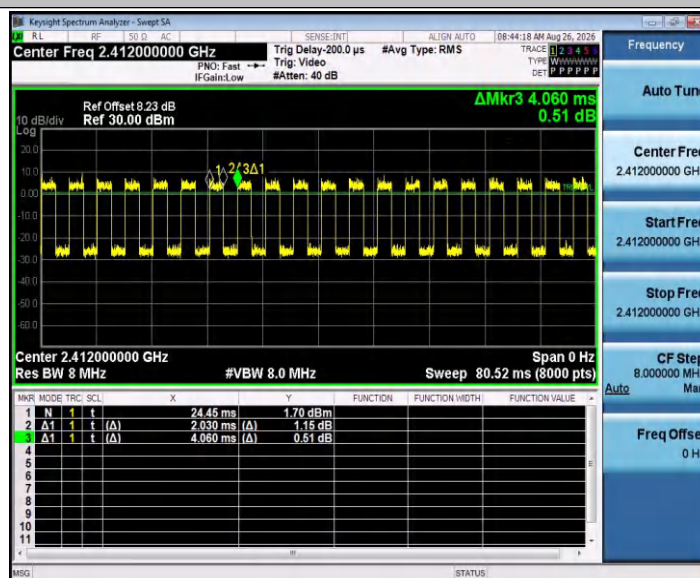
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	12.22	14.24	85.81	0.66	0.08
		2437	12.22	14.24	85.81	0.66	0.08
		2462	12.22	14.26	85.69	0.67	0.08
11G	Ant1	2412	2.03	4.06	50.00	3.01	0.49
		2437	2.02	4.05	49.88	3.02	0.50
		2462	2.03	4.06	50.00	3.01	0.49
11N20SISO	Ant1	2412	1.88	3.91	48.08	3.18	0.53
		2437	1.88	3.91	48.08	3.18	0.53
		2462	1.89	3.92	48.21	3.17	0.53

Test Graphs

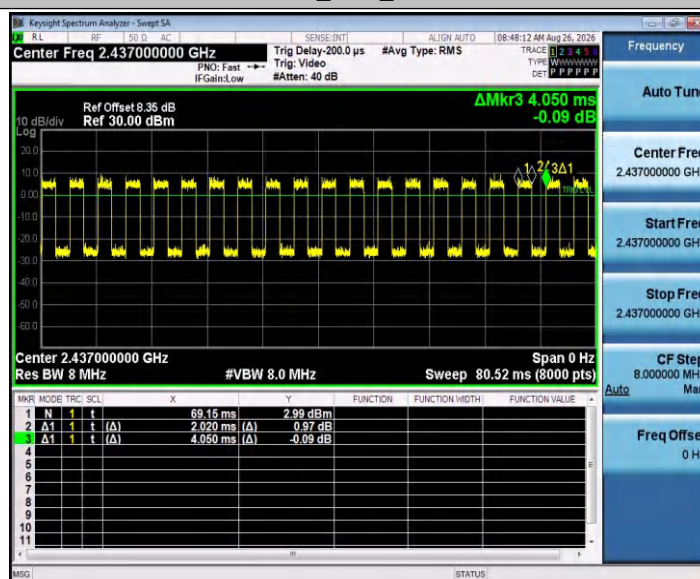




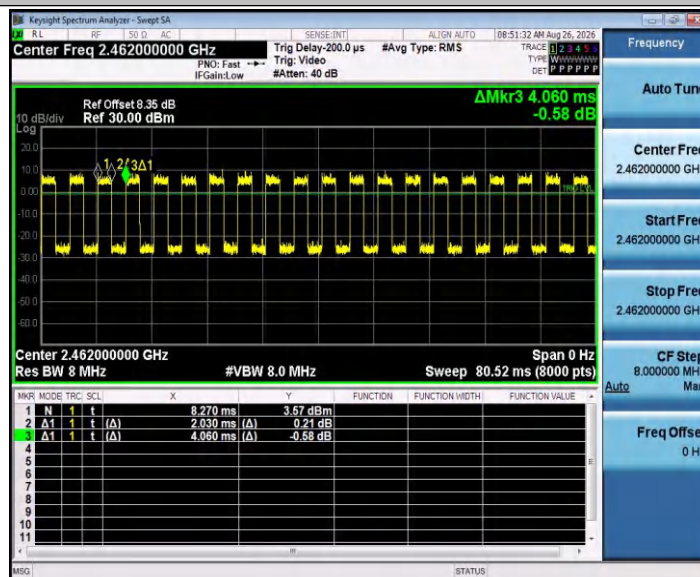
11G_Ant1_2412



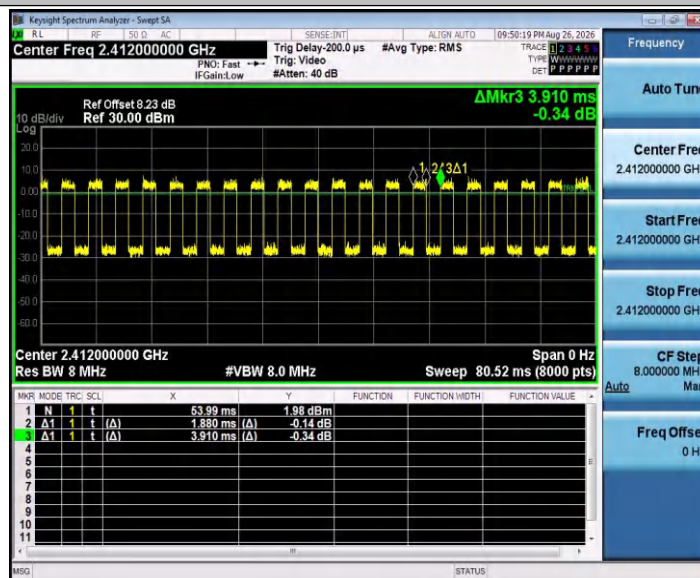
11G_Ant1_2437



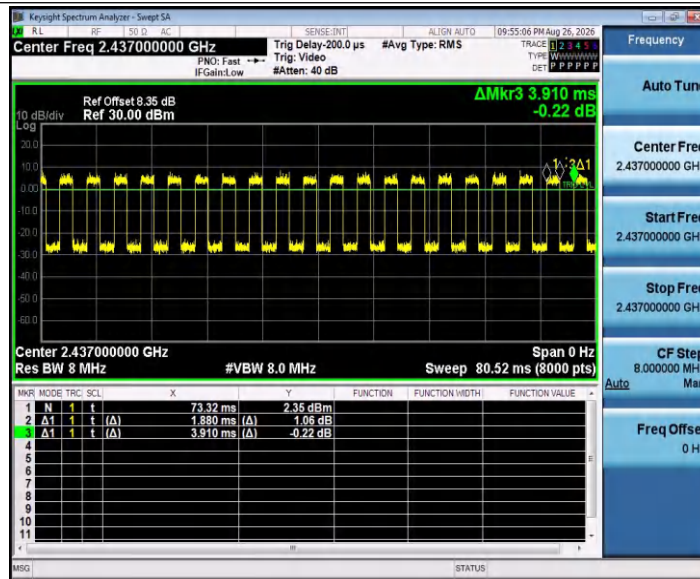
11G_Ant1_2462



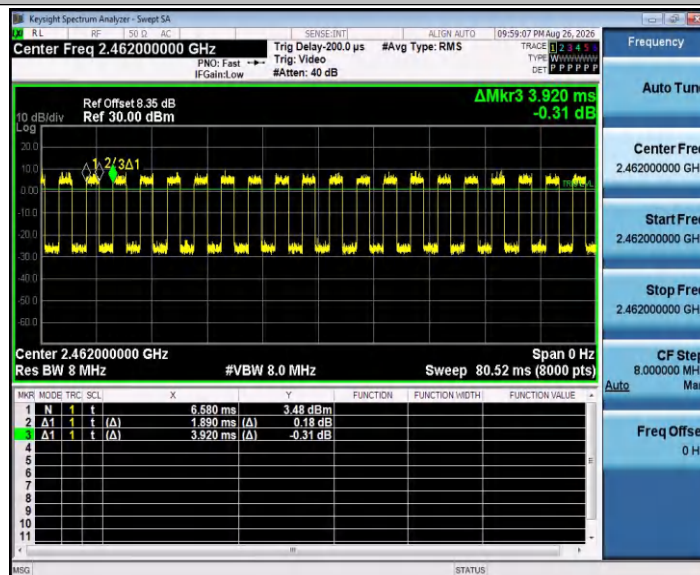
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.8: Emissions in Restricted Bands

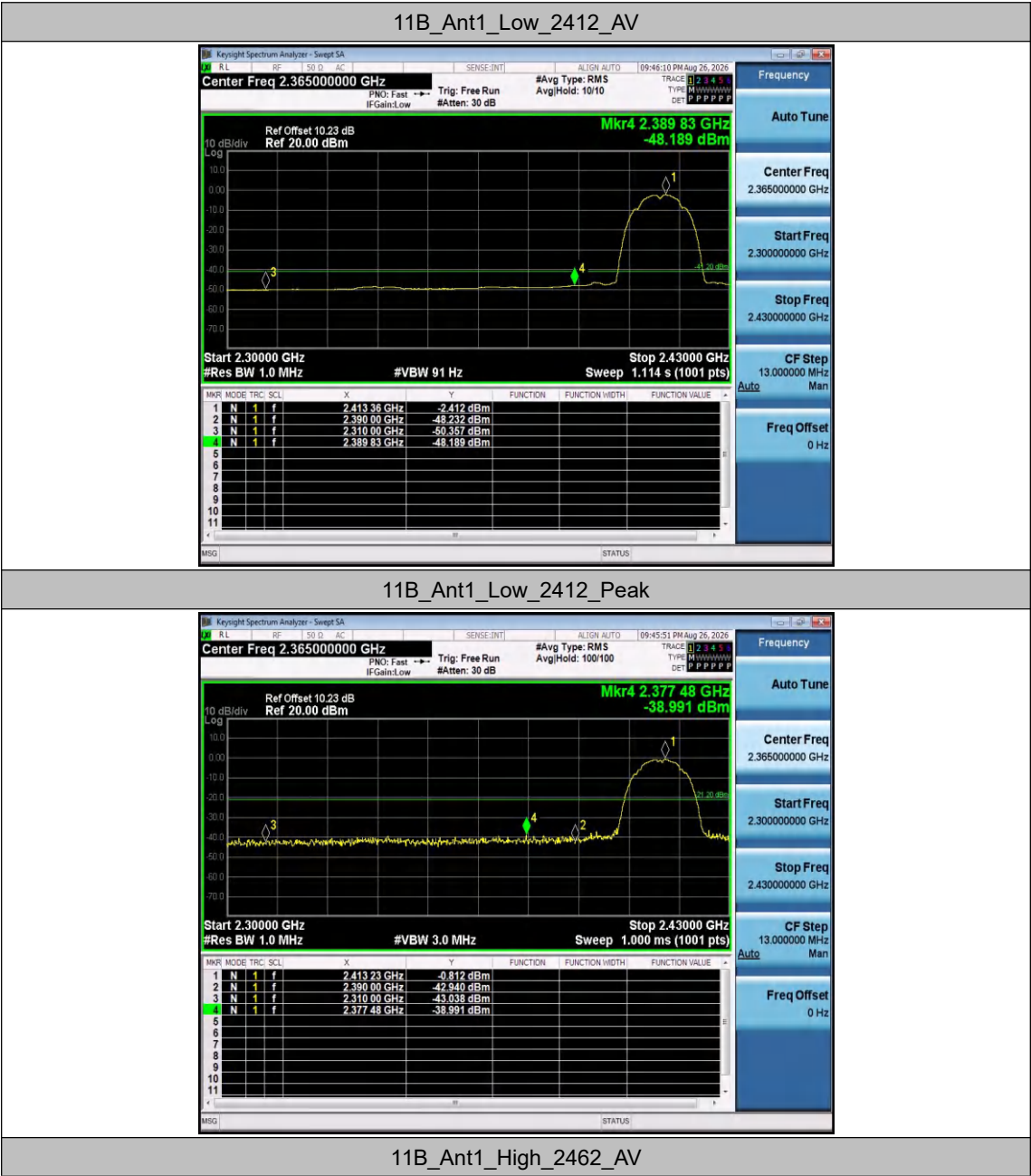
Test Result

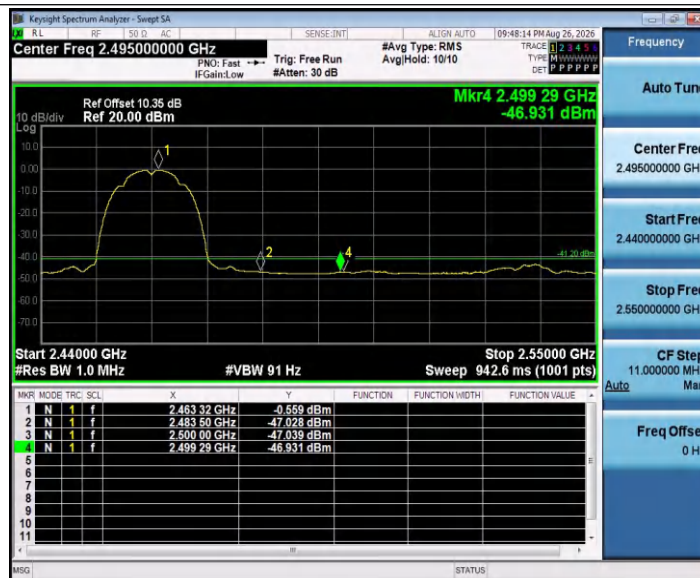
TestMode	Antenna	ChName	Frequenc y[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-50.36	≤-41.20	44.84	≤54	PASS
				AV	2389.830	-48.19	≤-41.20	47.01	≤54	PASS
				AV	2390.000	-48.23	≤-41.20	46.97	≤54	PASS
				Peak	2310.000	-43.04	≤-21.20	52.16	≤74	PASS
				Peak	2377.480	-38.99	≤-21.20	56.21	≤74	PASS
				Peak	2390.000	-42.94	≤-21.20	52.26	≤74	PASS
		High	2462	AV	2483.500	-47.03	≤-41.20	48.17	≤54	PASS
				AV	2499.290	-46.93	≤-41.20	48.27	≤54	PASS
				AV	2500.000	-47.04	≤-41.20	48.16	≤54	PASS
				Peak	2483.500	-41.74	≤-21.20	53.46	≤74	PASS
				Peak	2484.440	-39.17	≤-21.20	56.03	≤74	PASS
				Peak	2500.000	-39.38	≤-21.20	55.82	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-50.04	≤-41.20	45.16	≤54	PASS
				AV	2389.700	-48.56	≤-41.20	46.64	≤54	PASS
				AV	2390.000	-48.67	≤-41.20	46.53	≤54	PASS
				Peak	2310.000	-41.91	≤-21.20	53.29	≤74	PASS
				Peak	2339.520	-39.88	≤-21.20	55.32	≤74	PASS
				Peak	2390.000	-41.41	≤-21.20	53.79	≤74	PASS
		High	2462	AV	2483.500	-47.58	≤-41.20	47.62	≤54	PASS
				AV	2483.560	-47.56	≤-41.20	47.64	≤54	PASS
				AV	2500.000	-48.76	≤-41.20	46.44	≤54	PASS
				Peak	2483.500	-41.51	≤-21.20	53.69	≤74	PASS
				Peak	2486.750	-39.28	≤-21.20	55.92	≤74	PASS
				Peak	2500.000	-40.23	≤-21.20	54.97	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-50.29	≤-41.20	44.91	≤54	PASS
				AV	2389.960	-48.51	≤-41.20	46.69	≤54	PASS
				AV	2390.000	-48.51	≤-41.20	46.69	≤54	PASS
				Peak	2310.000	-42.97	≤-21.20	52.23	≤74	PASS
				Peak	2330.680	-39.47	≤-21.20	55.73	≤74	PASS
				Peak	2390.000	-42.2	≤-21.20	53.00	≤74	PASS
		High	2462	AV	2483.500	-47.32	≤-41.20	47.88	≤54	PASS
				AV	2483.560	-47.36	≤-41.20	47.84	≤54	PASS
				AV	2500.000	-48.2	≤-41.20	47.00	≤54	PASS
				Peak	2483.500	-40.04	≤-21.20	55.16	≤74	PASS
				Peak	2485.430	-38.83	≤-21.20	56.37	≤74	PASS
				Peak	2500.000	-41.25	≤-21.20	53.95	≤74	PASS

Note:

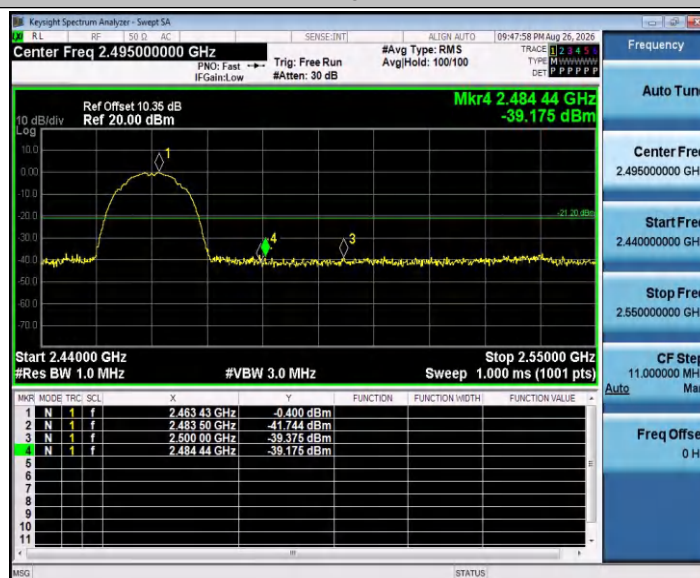
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

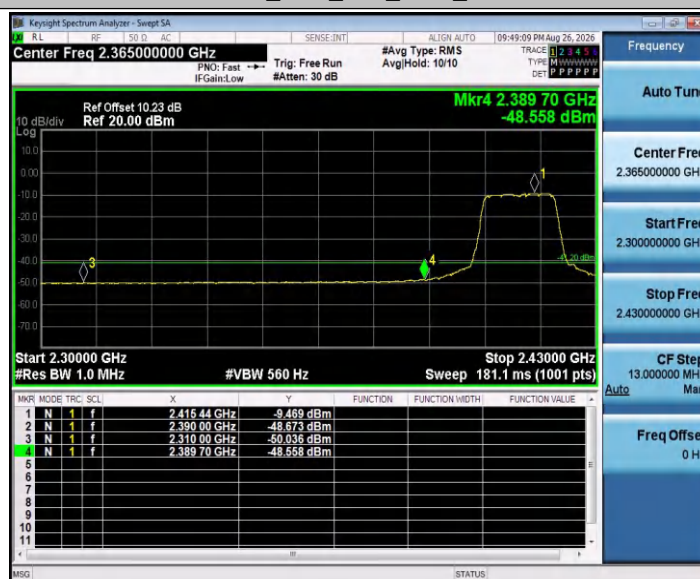




11B_Ant1_High_2462_Peak



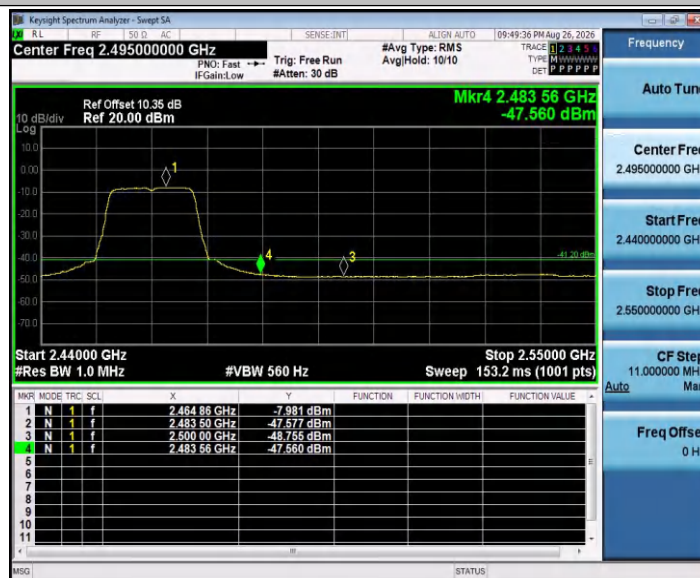
11G_Ant1_Low_2412_AV



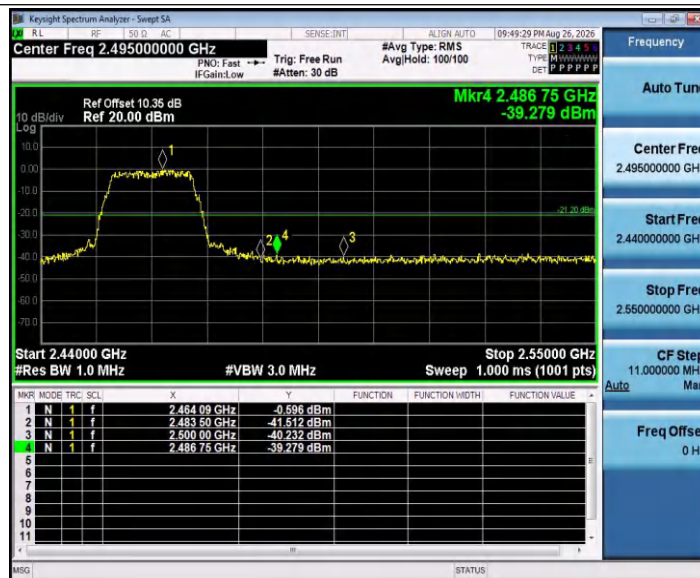
11G_Ant1_Low_2412_Peak



11G_Ant1_High_2462_AV



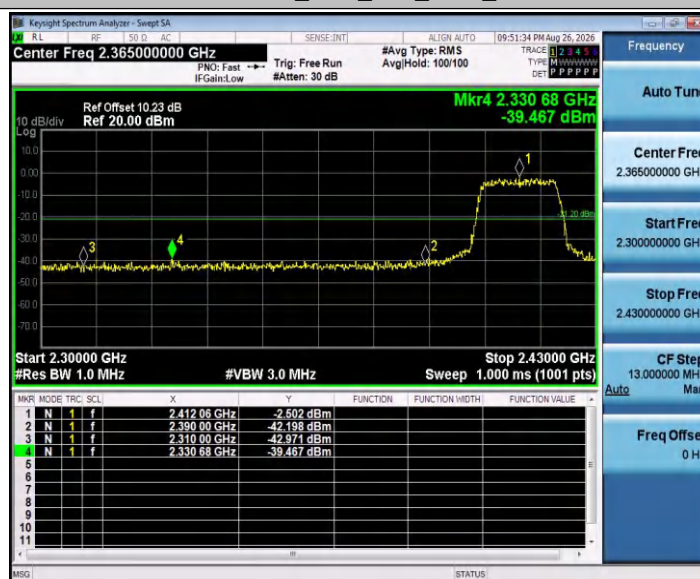
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



11N20SISO_Ant1_High_2462_Peak

