

Case No. : <u>GTS20260410023-1-02</u>	
Ambient Condition: <u>26</u> °C, <u>53</u> %RH,	
Test Date: <u>2026.4.20</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.240	2407.360	2416.600	0.5	PASS
		2437	9.200	2432.360	2441.560	0.5	PASS
		2462	9.200	2457.360	2466.560	0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	0.5	PASS
		2437	16.480	2428.680	2445.160	0.5	PASS
		2462	16.480	2453.680	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.640	2453.120	2470.760	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 B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.073	2405.4324	2418.5054	---	---
		2437	13.075	2430.4175	2443.4925	---	---
		2462	13.025	2455.4437	2468.4687	---	---
11G	Ant1	2412	17.008	2403.4706	2420.4786	---	---
		2437	17.049	2428.4066	2445.4556	---	---
		2462	16.990	2453.4437	2470.4337	---	---
11N20SISO	Ant1	2412	17.995	2402.9832	2420.9782	---	---
		2437	17.975	2427.9635	2445.9385	---	---
		2462	17.933	2453.0016	2470.9346	---	---

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 B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	10.66	≤30.00	PASS
		2437	11.58	≤30.00	PASS
		2462	12.11	≤30.00	PASS
11G	Ant1	2412	15.71	≤30.00	PASS
		2437	16.04	≤30.00	PASS
		2462	16.45	≤30.00	PASS
11N20SISO	Ant1	2412	15.83	≤30.00	PASS
		2437	16.12	≤30.00	PASS
		2462	16.65	≤30.00	PASS

Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.25	≤8.00	PASS
		2437	-13.51	≤8.00	PASS
		2462	-12.68	≤8.00	PASS
11G	Ant1	2412	-15.72	≤8.00	PASS
		2437	-15.60	≤8.00	PASS
		2462	-15.03	≤8.00	PASS
11N20SISO	Ant1	2412	-17.38	≤8.00	PASS
		2437	-16.79	≤8.00	PASS
		2462	-16.95	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11B_Ant1_2412



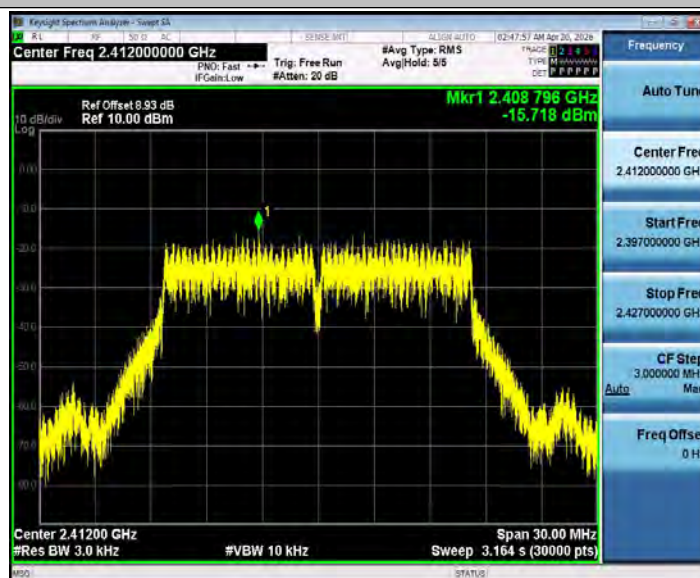
11B_Ant1_2437



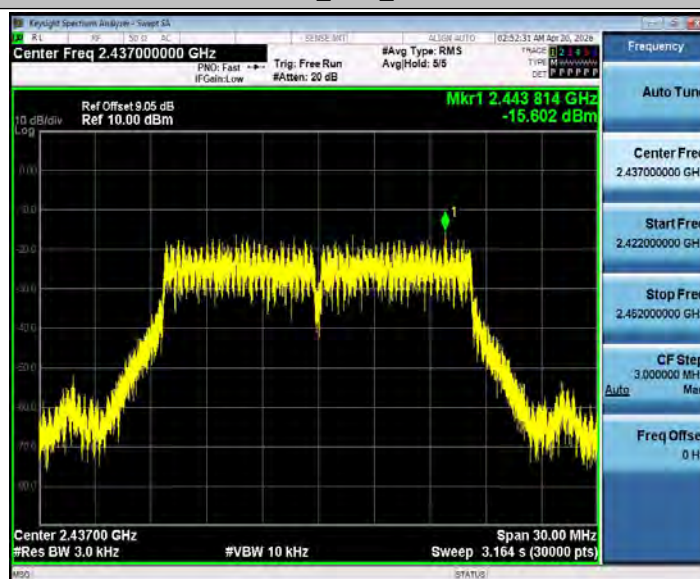
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



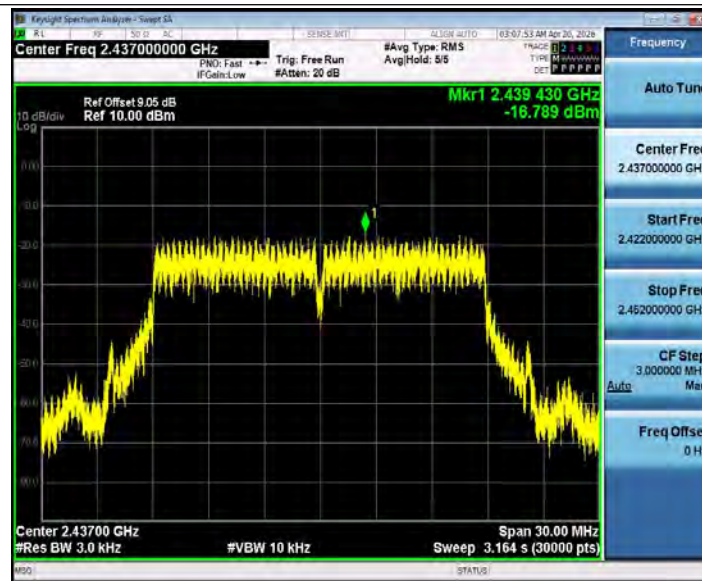
11G_Ant1_2462



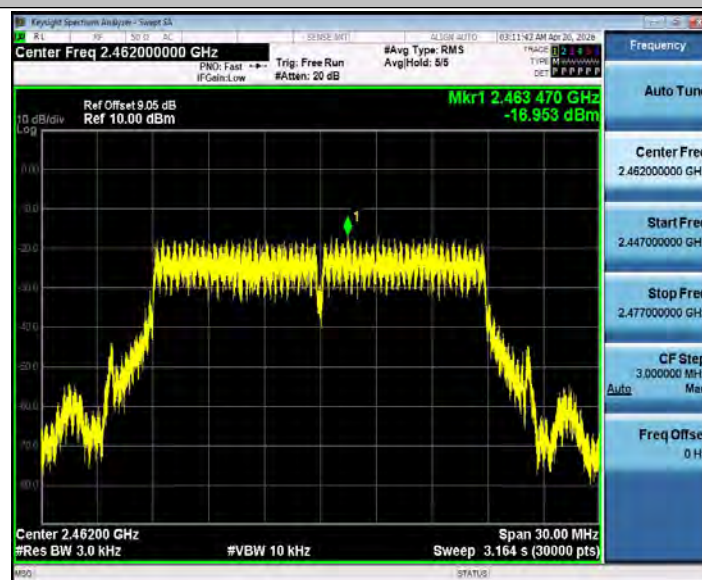
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



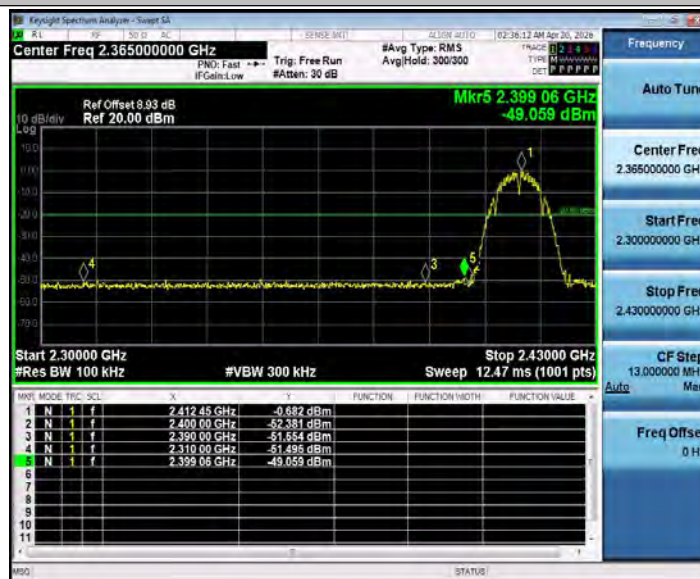
Appendix B.5: Band edge measurements

Test Result

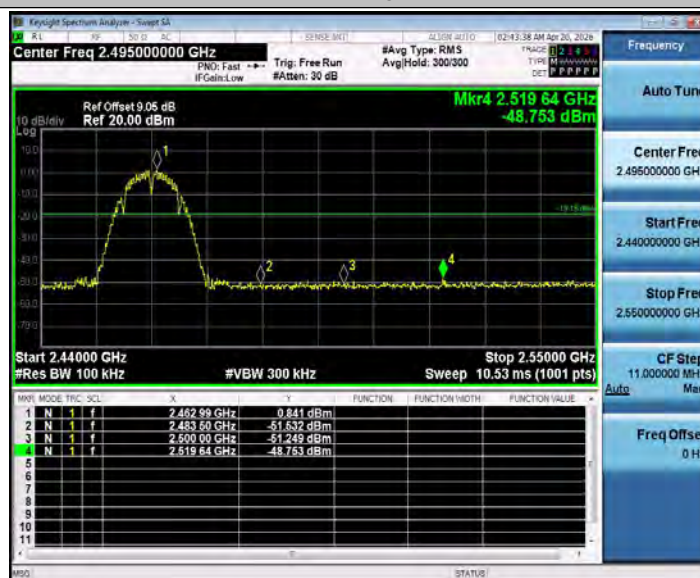
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-0.68	-49.06	≤-20.68	PASS
		High	2462	0.84	-48.75	≤-19.16	PASS
11G	Ant1	Low	2412	-2.72	-37.1	≤-22.72	PASS
		High	2462	-2.38	-49.47	≤-22.38	PASS
11N20SISO	Ant1	Low	2412	-3.17	-34.64	≤-23.17	PASS
		High	2462	-2.29	-48.84	≤-22.29	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412





Appendix B.6: Conducted Spurious Emission

Test Result

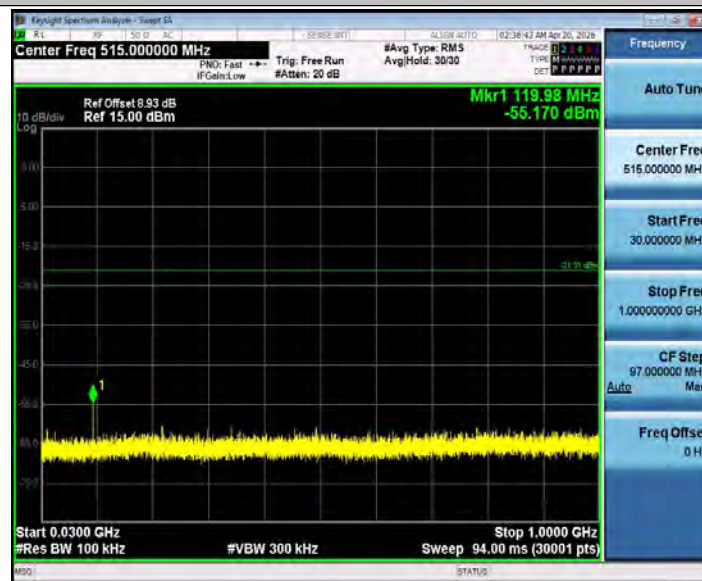
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.31	-1.31	---	PASS
			30~1000	-1.31	-55.17	≤-21.31	PASS
			1000~26500	-1.31	-45.41	≤-21.31	PASS
		2437	Reference	-1.75	-1.75	---	PASS
			30~1000	-1.75	-55.33	≤-21.75	PASS
			1000~26500	-1.75	-46.31	≤-21.75	PASS
		2462	Reference	0.31	0.31	---	PASS
			30~1000	0.31	-56.23	≤-19.69	PASS
			1000~26500	0.31	-47.24	≤-19.69	PASS
11G	Ant1	2412	Reference	-6.12	-6.12	---	PASS
			30~1000	-6.12	-55.21	≤-26.12	PASS
			1000~26500	-6.12	-45.25	≤-26.12	PASS
		2437	Reference	-4.22	-4.22	---	PASS
			30~1000	-4.22	-54.56	≤-24.22	PASS
			1000~26500	-4.22	-46.44	≤-24.22	PASS
		2462	Reference	-2.25	-2.25	---	PASS
			30~1000	-2.25	-55.4	≤-22.25	PASS
			1000~26500	-2.25	-47.46	≤-22.25	PASS
11N20SISO	Ant1	2412	Reference	-6.06	-6.06	---	PASS
			30~1000	-6.06	-55.39	≤-26.06	PASS
			1000~26500	-6.06	-45.27	≤-26.06	PASS
		2437	Reference	-5.58	-5.58	---	PASS
			30~1000	-5.58	-55.15	≤-25.58	PASS
			1000~26500	-5.58	-46.22	≤-25.58	PASS
		2462	Reference	-5.31	-5.31	---	PASS
			30~1000	-5.31	-55.91	≤-25.31	PASS
			1000~26500	-5.31	-47.3	≤-25.31	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



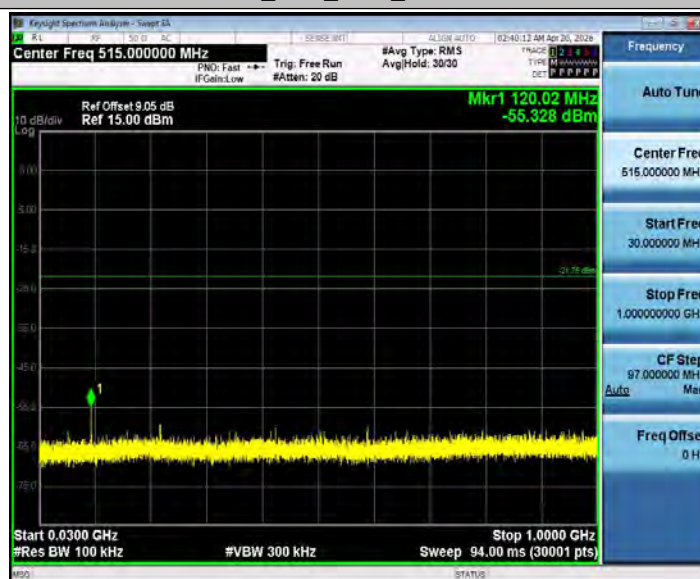
11B_Ant1_2412_1000~26500



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



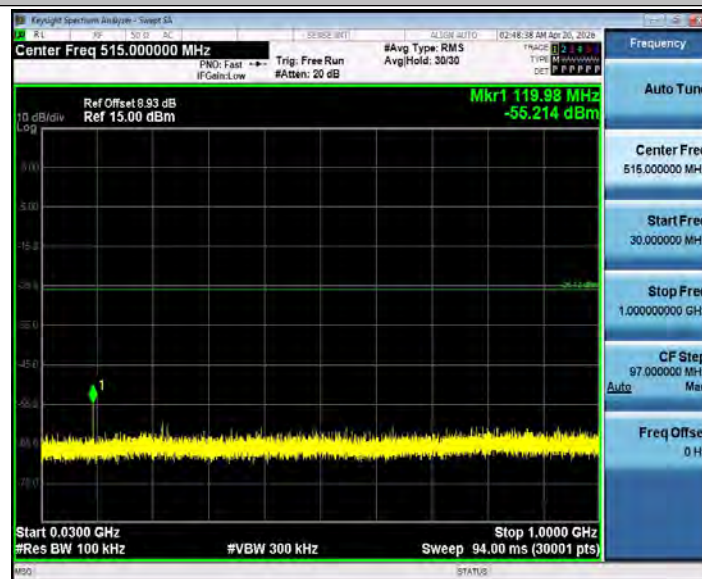
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



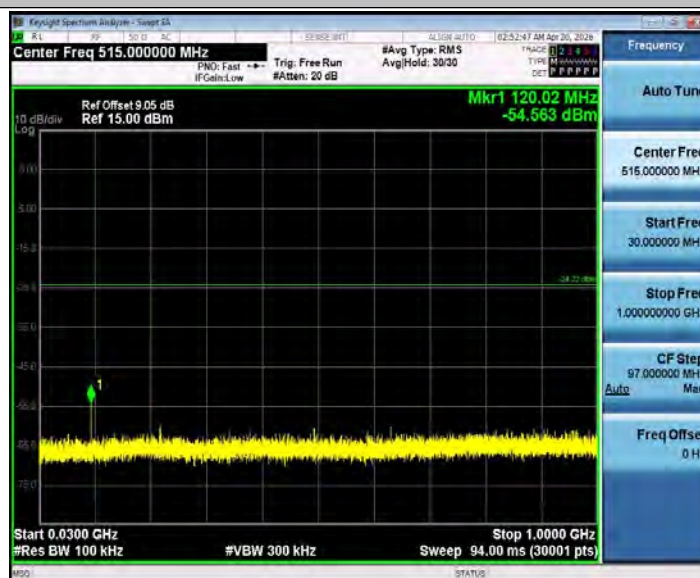
11G_Ant1_2412_1000~26500



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



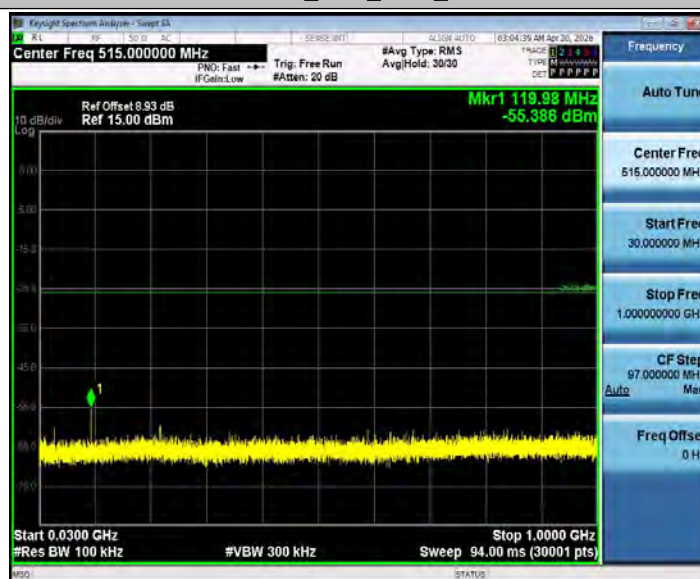
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



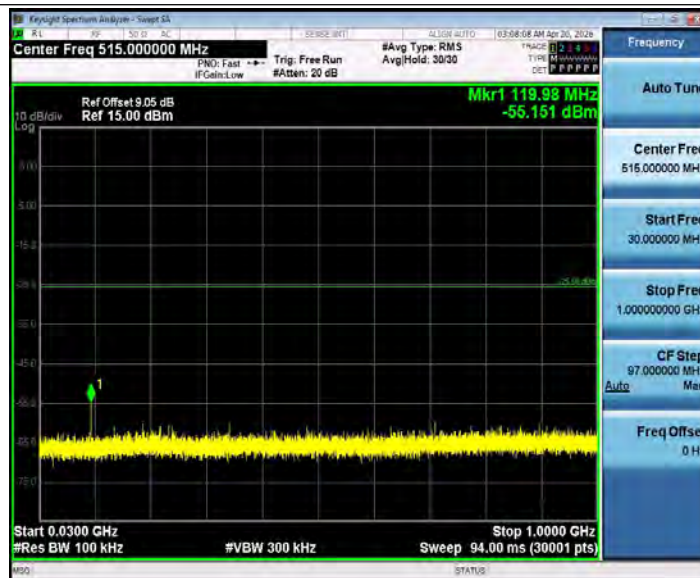
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



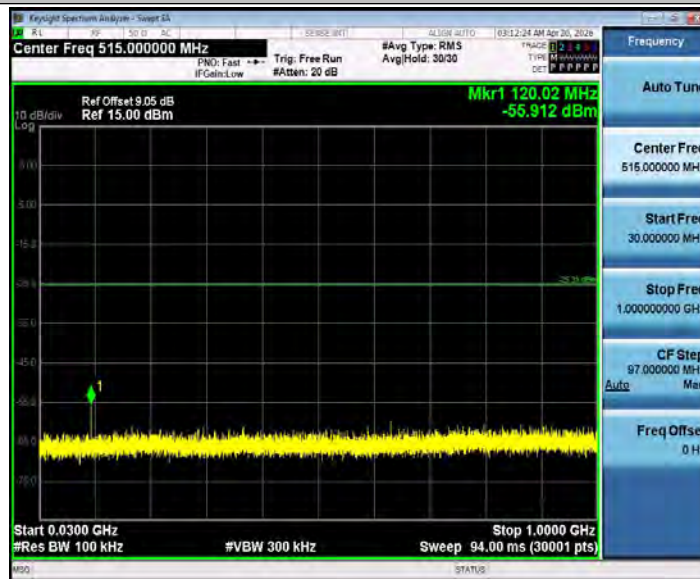
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



Appendix B.7: Duty Cycle

Test Result

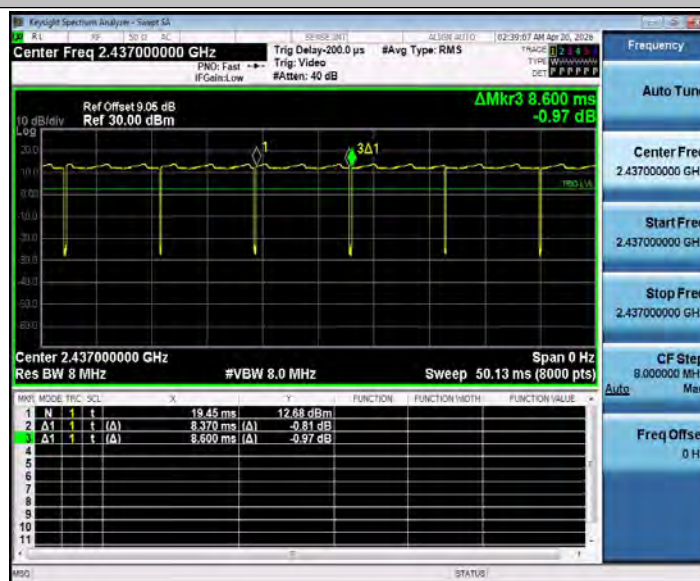
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	8.38	8.65	96.88	0.14	0.12
		2437	8.37	8.60	97.33	0.12	0.12
		2462	8.38	8.65	96.88	0.14	0.12
11G	Ant1	2412	1.36	1.63	83.44	0.79	0.74
		2437	1.36	1.64	82.93	0.81	0.74
		2462	1.36	1.64	82.93	0.81	0.74
11N20SISO	Ant1	2412	5.07	5.34	94.94	0.23	0.20
		2437	5.07	5.34	94.94	0.23	0.20
		2462	5.07	5.34	94.94	0.23	0.20

Test Graphs

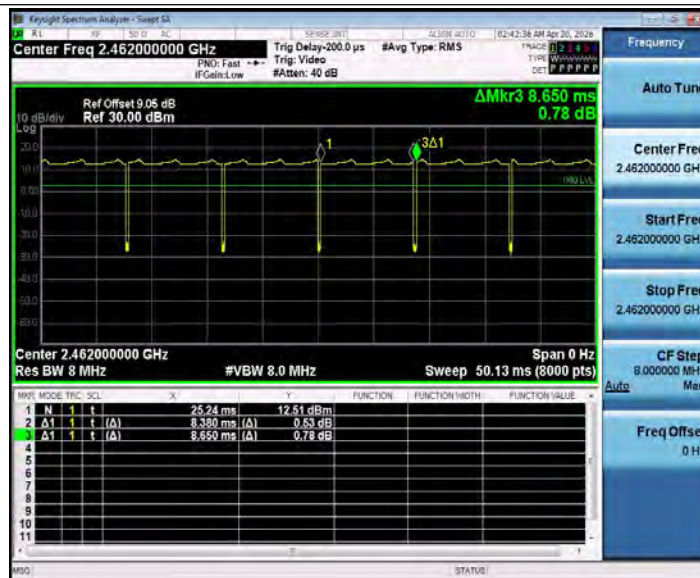
11B_Ant1_2412



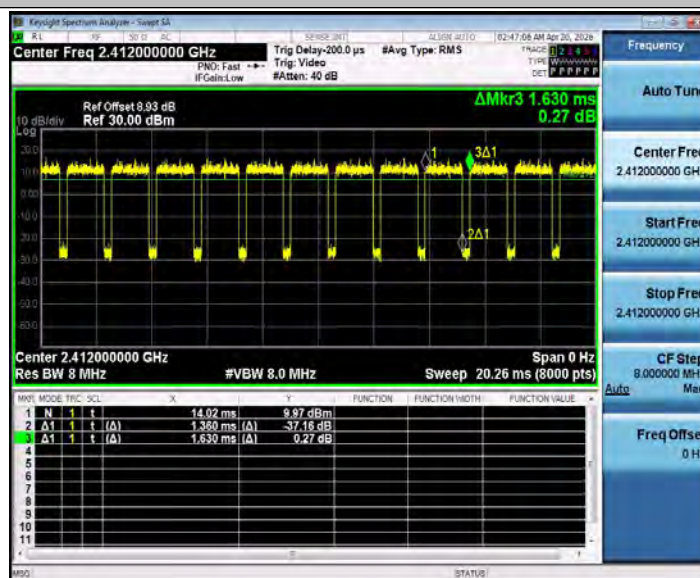
11B_Ant1_2437



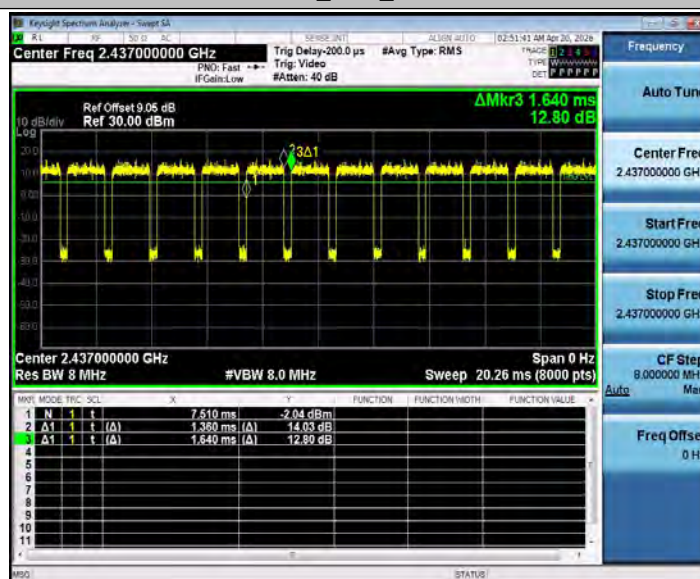
11B_Ant1_2462



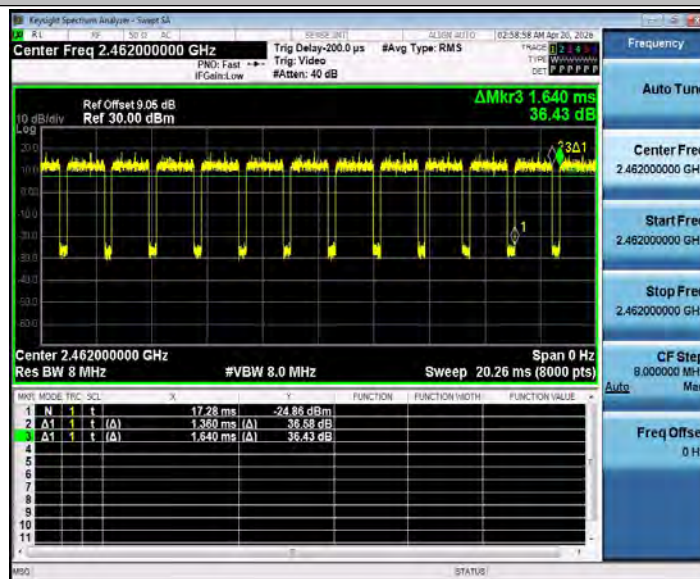
11G_Ant1_2412



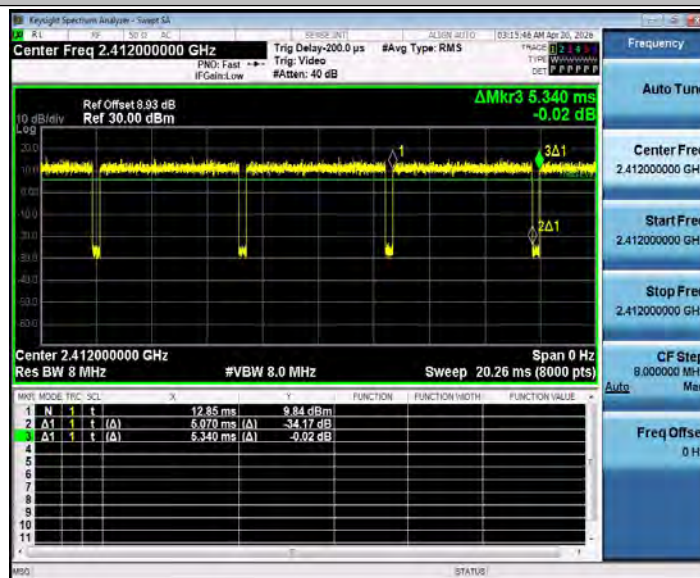
11G_Ant1_2437



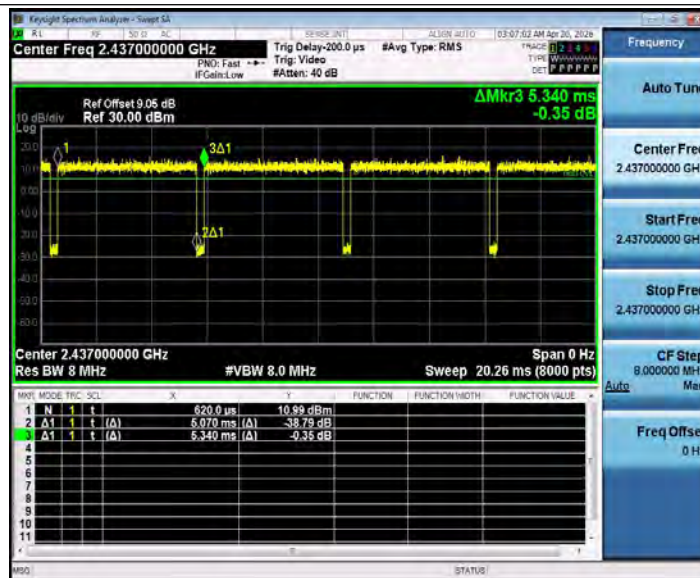
11G_Ant1_2462



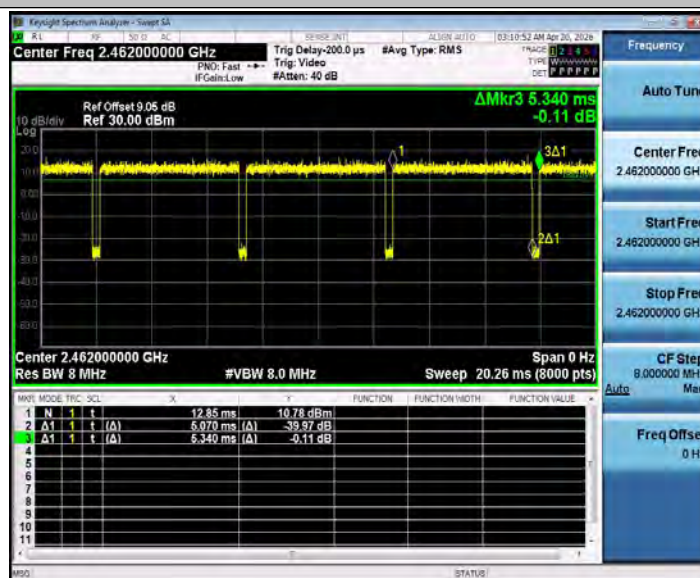
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix B.8: Emissions in Restricted Bands

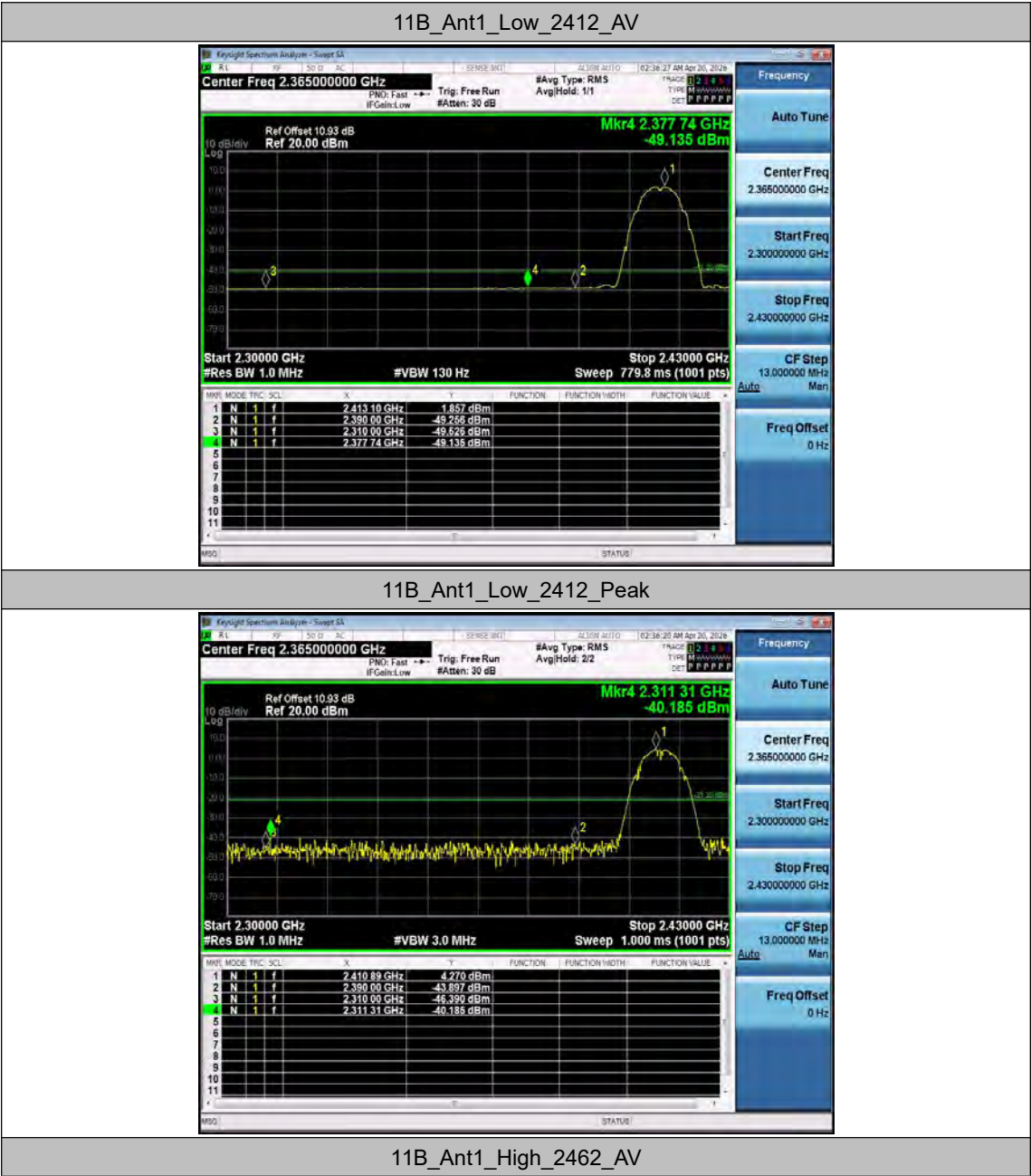
Test Result

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	-49.53	≤-41.20	45.67	≤54	PASS
				AV	2377.740	-49.14	≤-41.20	46.06	≤54	PASS
				AV	2390.000	-49.26	≤-41.20	45.94	≤54	PASS
				Peak	2310.000	-46.39	≤-21.20	48.81	≤74	PASS
				Peak	2311.310	-40.18	≤-21.20	55.02	≤74	PASS
				Peak	2390.000	-43.9	≤-21.20	51.30	≤74	PASS
		High	2462	AV	2483.500	-48.61	≤-41.20	46.59	≤54	PASS
				AV	2499.950	-48.53	≤-41.20	46.67	≤54	PASS
				AV	2500.000	-48.53	≤-41.20	46.67	≤54	PASS
				Peak	2483.500	-42.94	≤-21.20	52.26	≤74	PASS
				Peak	2496.210	-39.57	≤-21.20	55.63	≤74	PASS
				Peak	2500.000	-44.48	≤-21.20	50.72	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.5	≤-41.20	45.70	≤54	PASS
				AV	2389.960	-47.9	≤-41.20	47.30	≤54	PASS
				AV	2390.000	-47.9	≤-41.20	47.30	≤54	PASS
				Peak	2310.000	-46.26	≤-21.20	48.94	≤74	PASS
				Peak	2389.440	-40.87	≤-21.20	54.33	≤74	PASS
				Peak	2390.000	-46.21	≤-21.20	48.99	≤74	PASS
		High	2462	AV	2483.500	-48.02	≤-41.20	47.18	≤54	PASS
				AV	2483.780	-47.98	≤-41.20	47.22	≤54	PASS
				AV	2500.000	-48.77	≤-41.20	46.43	≤54	PASS
				Peak	2483.500	-42.38	≤-21.20	52.82	≤74	PASS
				Peak	2497.310	-40.84	≤-21.20	54.36	≤74	PASS
				Peak	2500.000	-45.3	≤-21.20	49.90	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-49.59	≤-41.20	45.61	≤54	PASS
				AV	2389.830	-47.52	≤-41.20	47.68	≤54	PASS
				AV	2390.000	-47.93	≤-41.20	47.27	≤54	PASS
				Peak	2310.000	-51.51	≤-21.20	43.69	≤74	PASS
				Peak	2342.640	-39.58	≤-21.20	55.62	≤74	PASS
				Peak	2390.000	-43.2	≤-21.20	52.00	≤74	PASS
		High	2462	AV	2483.500	-48.08	≤-41.20	47.12	≤54	PASS
				AV	2484.110	-48.11	≤-41.20	47.09	≤54	PASS
				AV	2500.000	-48.52	≤-41.20	46.68	≤54	PASS
				Peak	2483.500	-44.74	≤-21.20	50.46	≤74	PASS
				Peak	2484.440	-41.17	≤-21.20	54.03	≤74	PASS
				Peak	2500.000	-44.38	≤-21.20	50.82	≤74	PASS

Note:

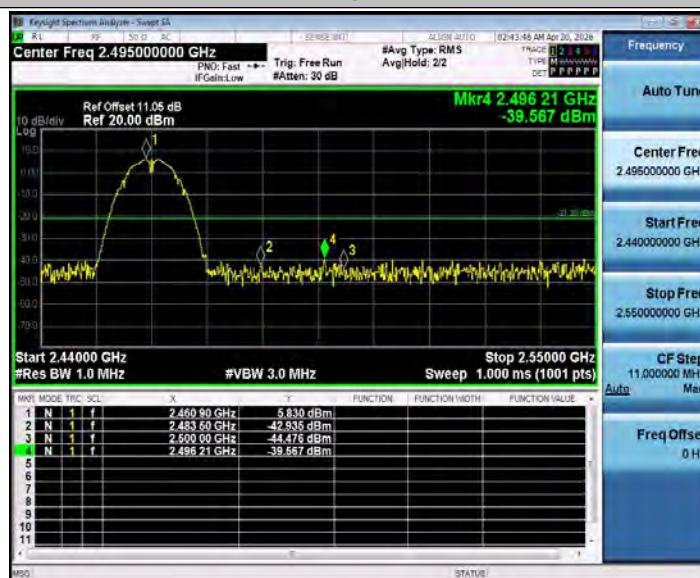
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV



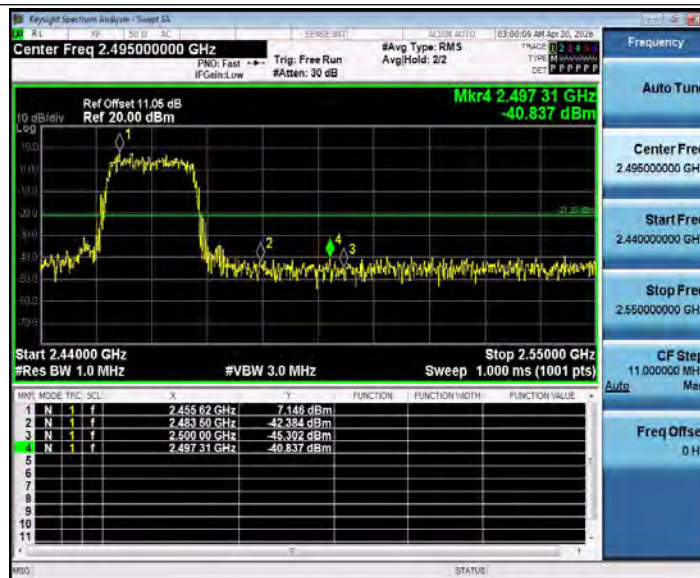
11G_Ant1_Low_2412_Peak



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

