

Case No. : <u>GTS20260122012-1-2</u>	
Ambient Condition: <u>22</u> °C, <u>55</u> %RH,	
Test Date: <u>2026.3.4</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

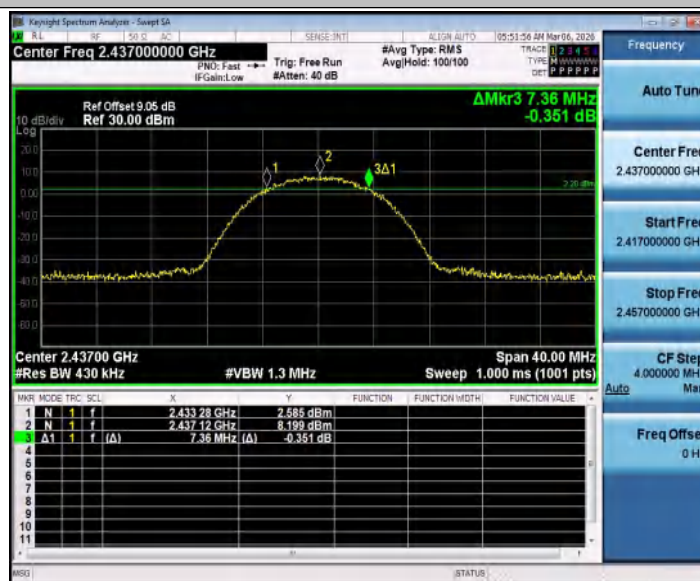
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.360	2408.360	2415.720	0.5	PASS
		2437	7.360	2433.280	2440.640	0.5	PASS
		2462	7.400	2458.080	2465.480	0.5	PASS
11G	Ant1	2412	13.880	2405.680	2419.560	0.5	PASS
		2437	13.800	2429.840	2443.640	0.5	PASS
		2462	8.800	2457.320	2466.120	0.5	PASS
11N20SISO	Ant1	2412	14.240	2406.040	2420.280	0.5	PASS
		2437	15.320	2429.240	2444.560	0.5	PASS
		2462	12.640	2454.400	2467.040	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

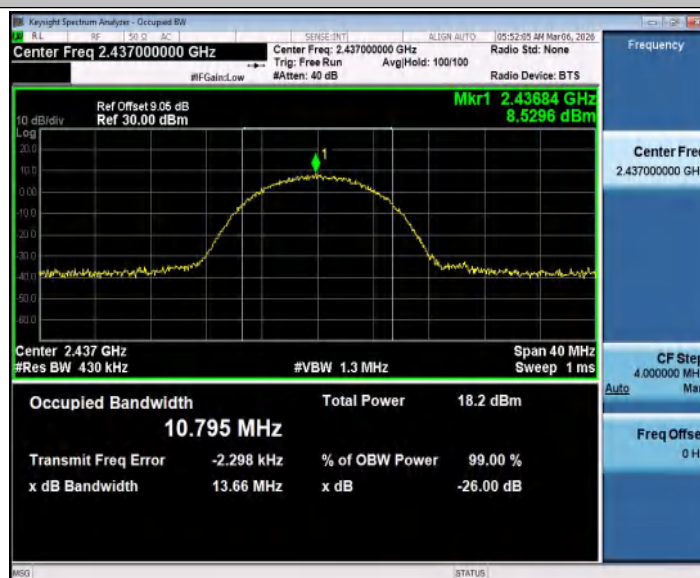
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.823	2406.6156	2417.4386	---	---
		2437	10.795	2431.6002	2442.3952	---	---
		2462	10.875	2456.5320	2467.4070	---	---
11G	Ant1	2412	16.887	2403.5767	2420.4637	---	---
		2437	16.885	2428.5474	2445.4324	---	---
		2462	16.781	2453.4905	2470.2715	---	---
11N20SISO	Ant1	2412	17.906	2403.1033	2421.0093	---	---
		2437	17.978	2428.0147	2445.9927	---	---
		2462	17.748	2453.0821	2470.8301	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



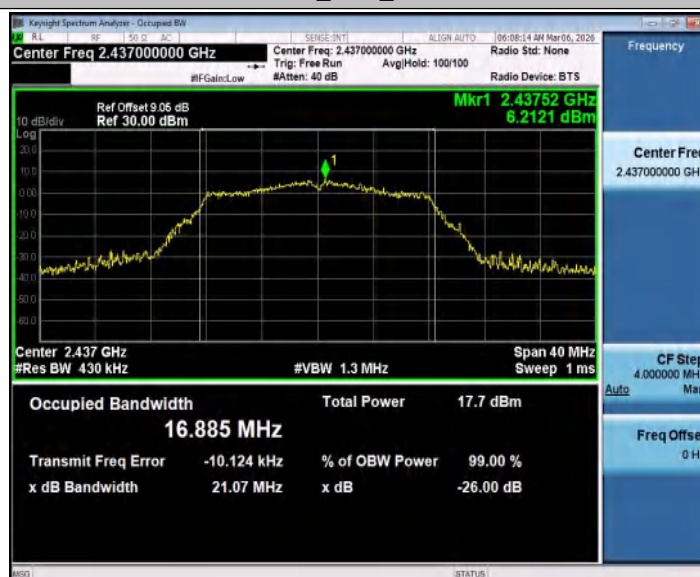
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.66	≤30.00	PASS
		2437	17.75	≤30.00	PASS
		2462	17.92	≤30.00	PASS
11G	Ant1	2412	18.99	≤30.00	PASS
		2437	18.86	≤30.00	PASS
		2462	19.16	≤30.00	PASS
11N20SISO	Ant1	2412	18.05	≤30.00	PASS
		2437	18.10	≤30.00	PASS
		2462	18.42	≤30.00	PASS

Note:

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

Appendix A.4: Maximum power spectral density

Test Result

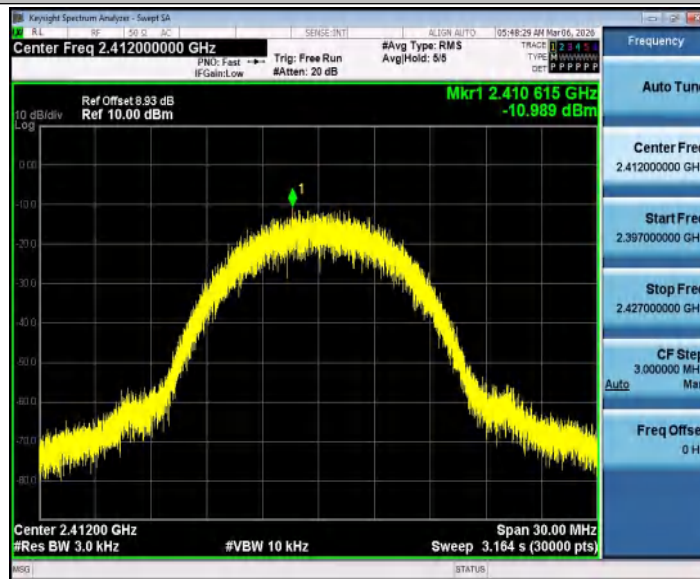
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.99	≤8.00	PASS
		2437	-10.76	≤8.00	PASS
		2462	-8.77	≤8.00	PASS
11G	Ant1	2412	-12.52	≤8.00	PASS
		2437	-11.79	≤8.00	PASS
		2462	-11.04	≤8.00	PASS
11N20SISO	Ant1	2412	-12.89	≤8.00	PASS
		2437	-12.60	≤8.00	PASS
		2462	-12.27	≤8.00	PASS

Note:

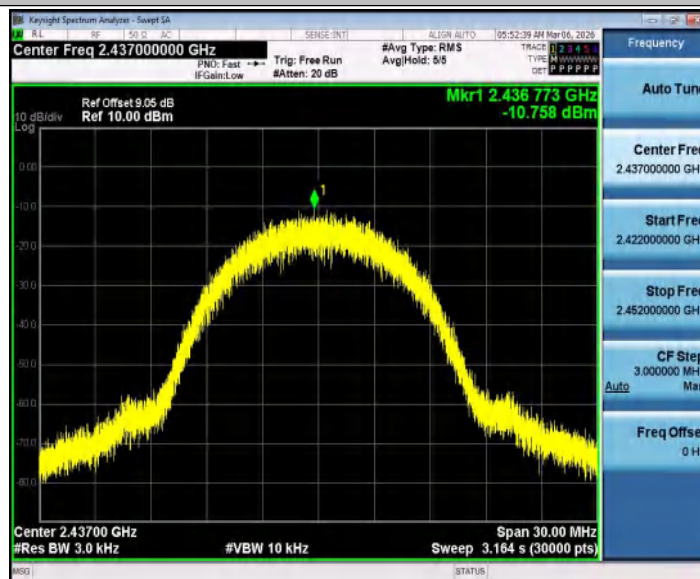
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

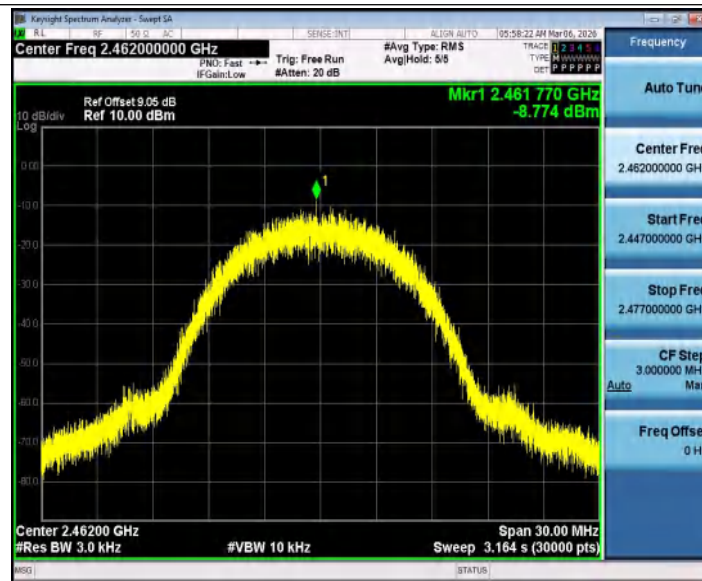
11B_Ant1_2412



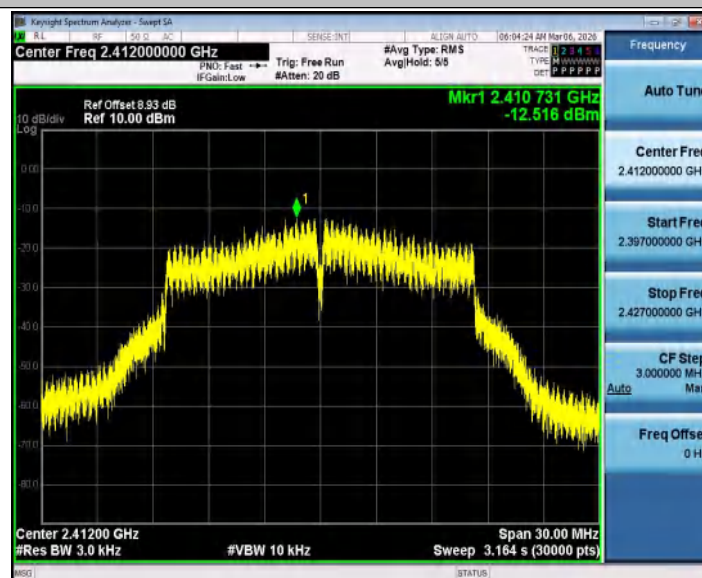
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



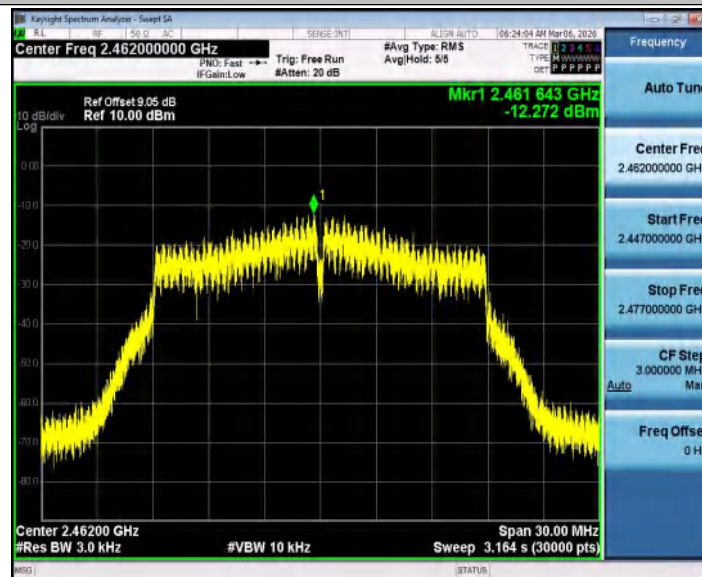
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



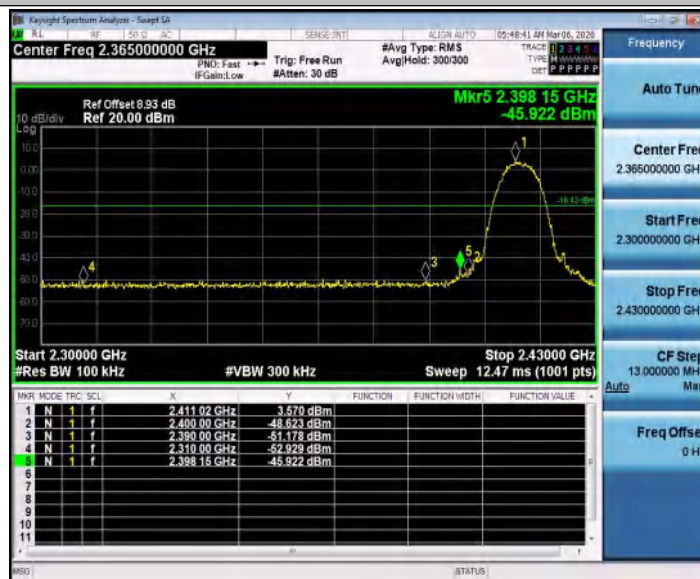
Appendix A.5: Band edge measurements

Test Result

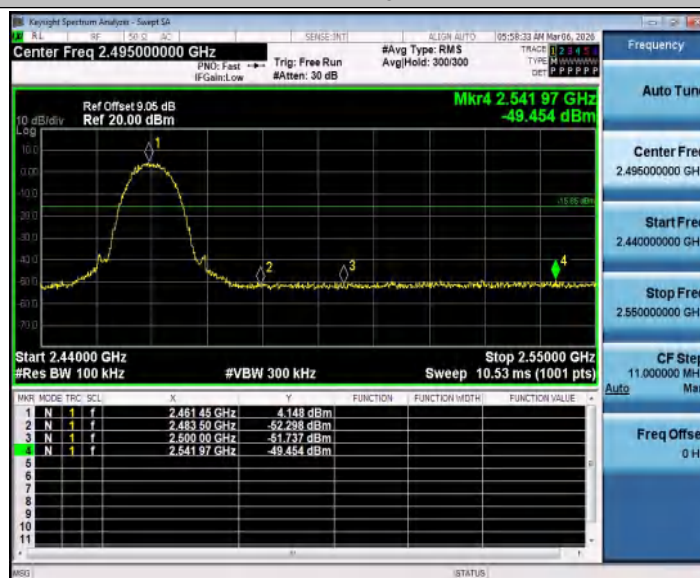
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.57	-45.92	≤-16.43	PASS
		High	2462	4.15	-49.45	≤-15.85	PASS
11G	Ant1	Low	2412	0.13	-33.19	≤-19.87	PASS
		High	2462	0.72	-44.32	≤-19.28	PASS
11N20SISO	Ant1	Low	2412	-0.35	-37.81	≤-20.35	PASS
		High	2462	0.27	-48.91	≤-19.73	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



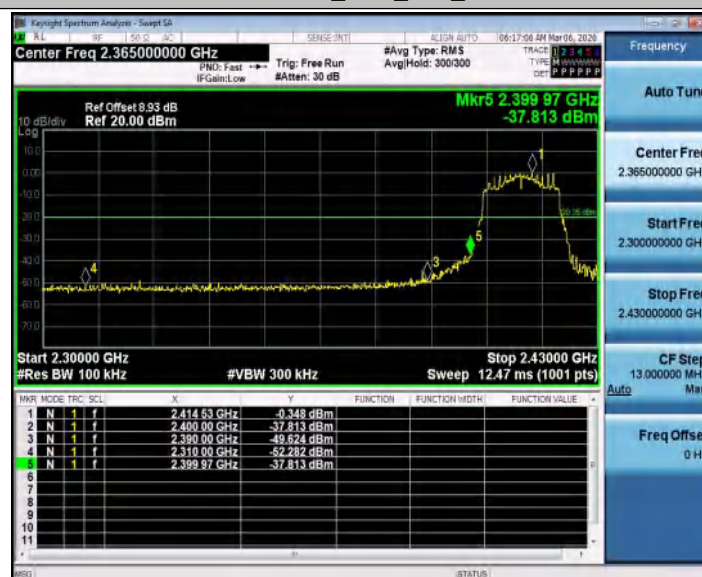
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412





Appendix A.6: Conducted Spurious Emission

Test Result

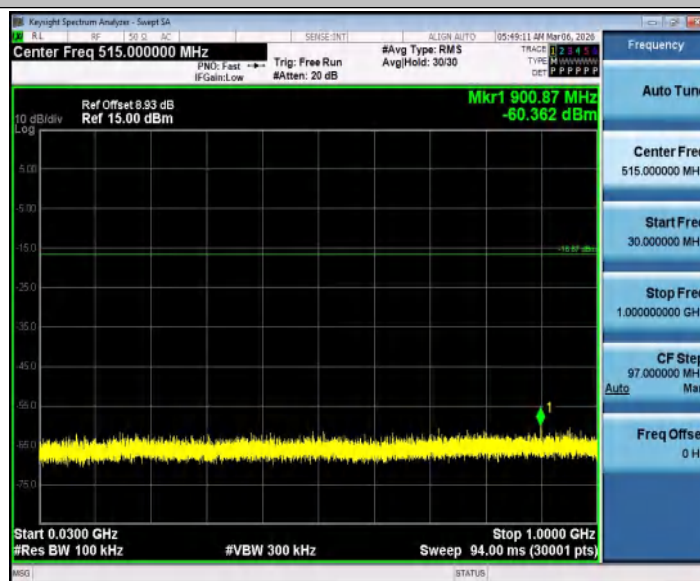
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.33	3.33	---	PASS
			30~1000	3.33	-60.36	≤-16.67	PASS
			1000~26500	3.33	-48.04	≤-16.67	PASS
		2437	Reference	3.41	3.41	---	PASS
			30~1000	3.41	-60.04	≤-16.59	PASS
			1000~26500	3.41	-47.95	≤-16.59	PASS
		2462	Reference	5.19	5.19	---	PASS
			30~1000	5.19	-60.56	≤-14.81	PASS
			1000~26500	5.19	-47.77	≤-14.81	PASS
11G	Ant1	2412	Reference	-1.30	-1.30	---	PASS
			30~1000	-1.30	-61	≤-21.3	PASS
			1000~26500	-1.30	-47.23	≤-21.3	PASS
		2437	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-59.38	≤-19.87	PASS
			1000~26500	0.13	-47.6	≤-19.87	PASS
		2462	Reference	-0.16	-0.16	---	PASS
			30~1000	-0.16	-60.33	≤-20.16	PASS
			1000~26500	-0.16	-47.64	≤-20.16	PASS
11N20SISO	Ant1	2412	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-60.87	≤-21.08	PASS
			1000~26500	-1.08	-47.45	≤-21.08	PASS
		2437	Reference	-1.22	-1.22	---	PASS
			30~1000	-1.22	-60.66	≤-21.22	PASS
			1000~26500	-1.22	-47.48	≤-21.22	PASS
		2462	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-60.47	≤-20.34	PASS
			1000~26500	-0.34	-47.56	≤-20.34	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



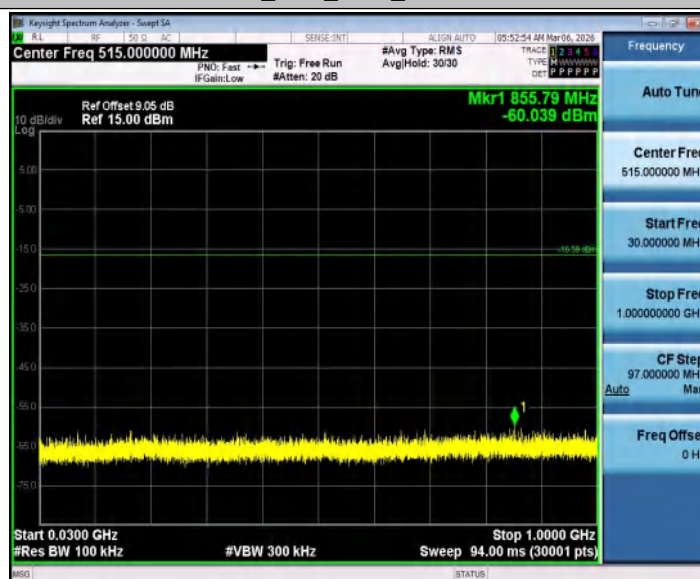
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



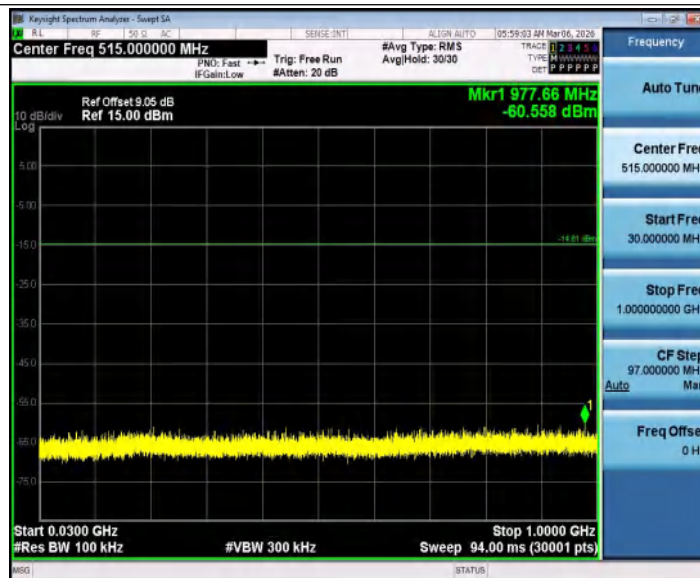
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



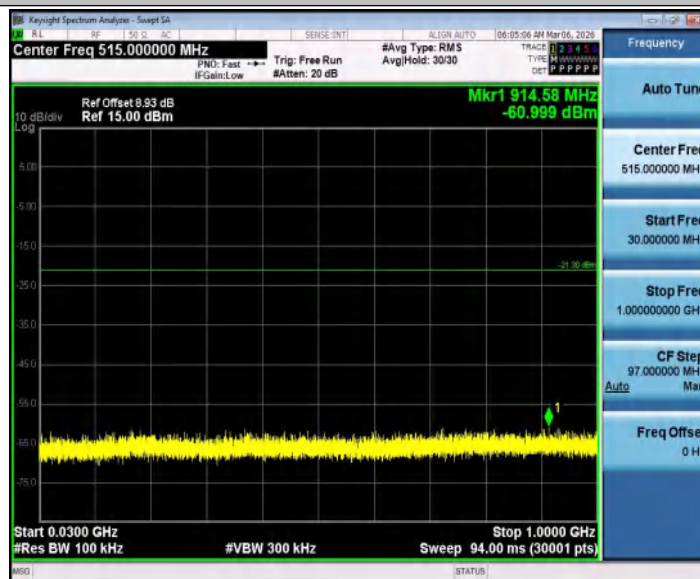
11B_Ant1_2462_1000~26500



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



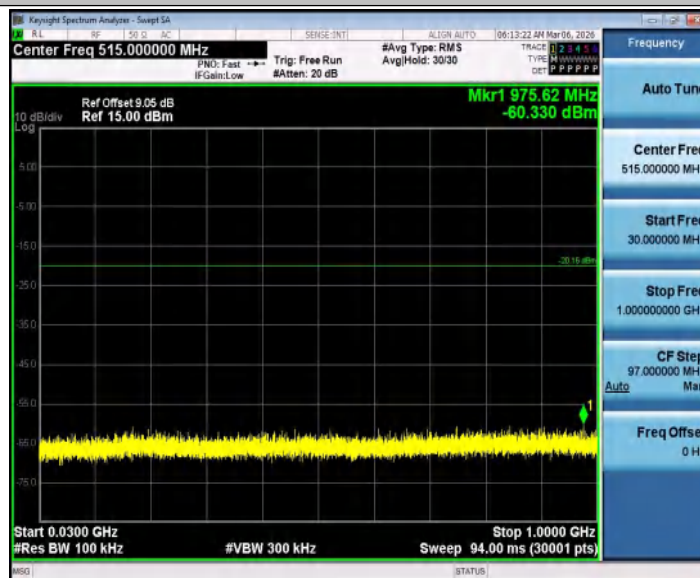
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



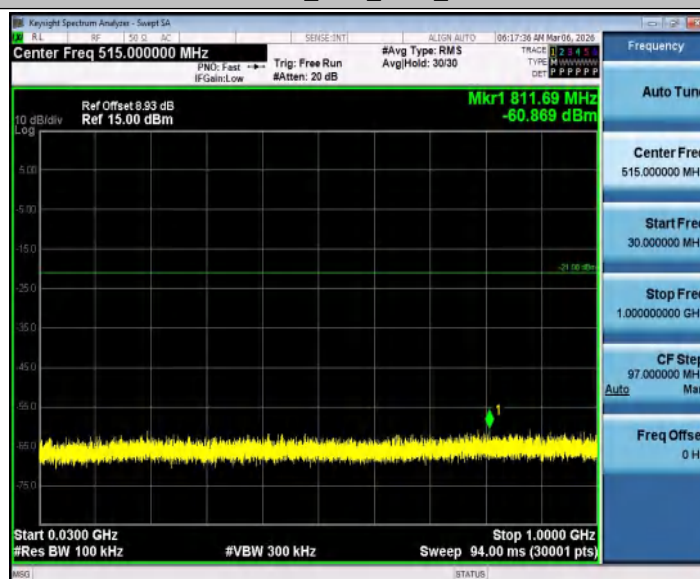
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



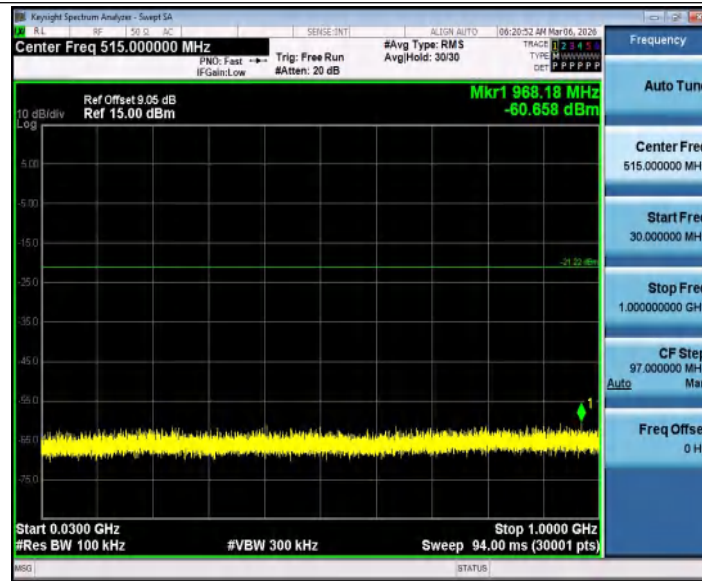
11N20SISO_Ant1_2412_1000~26500



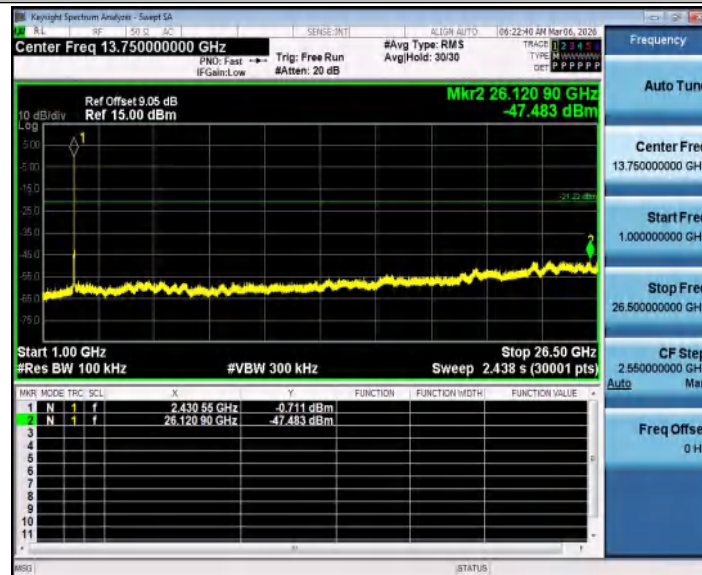
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

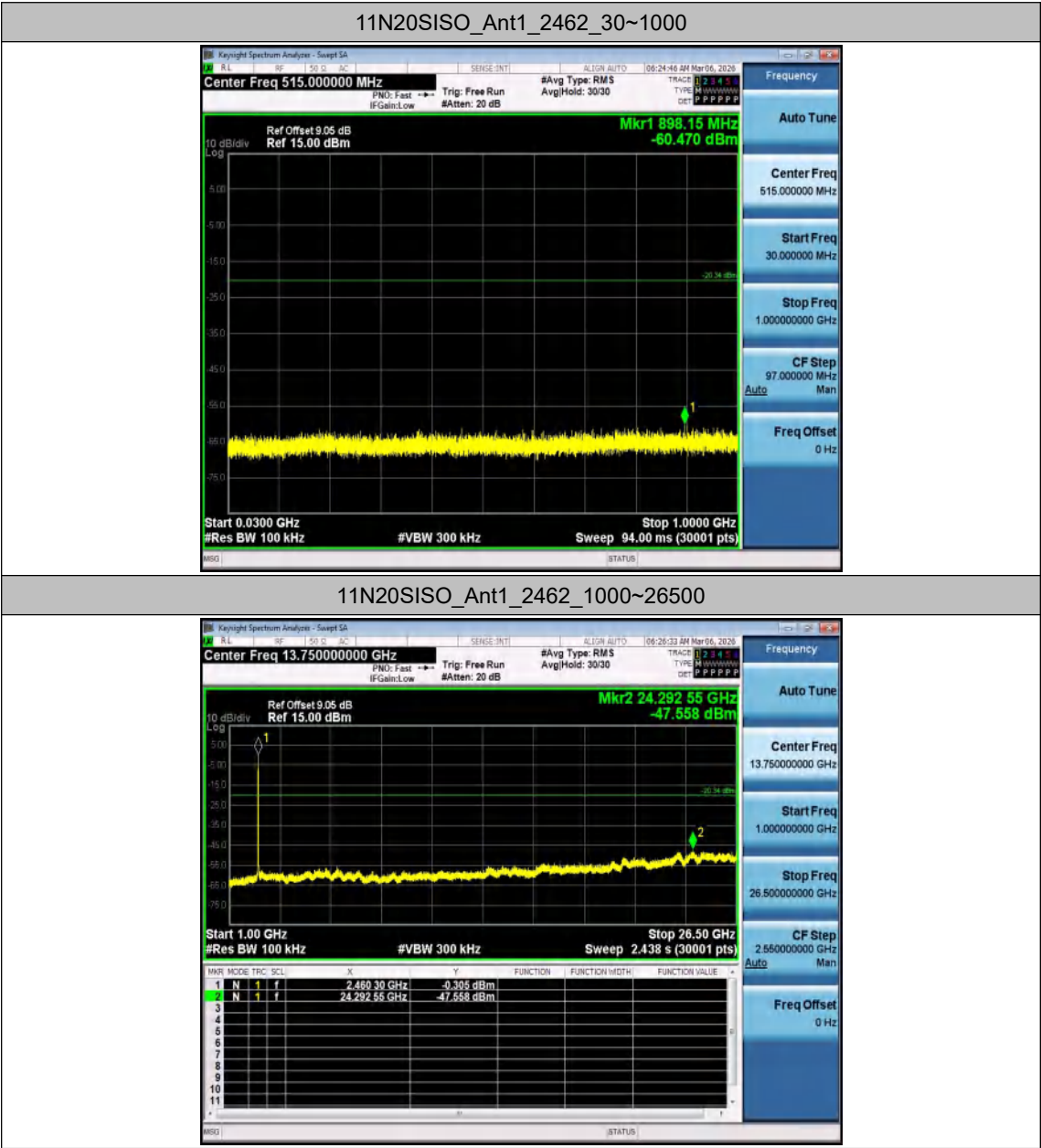


11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference





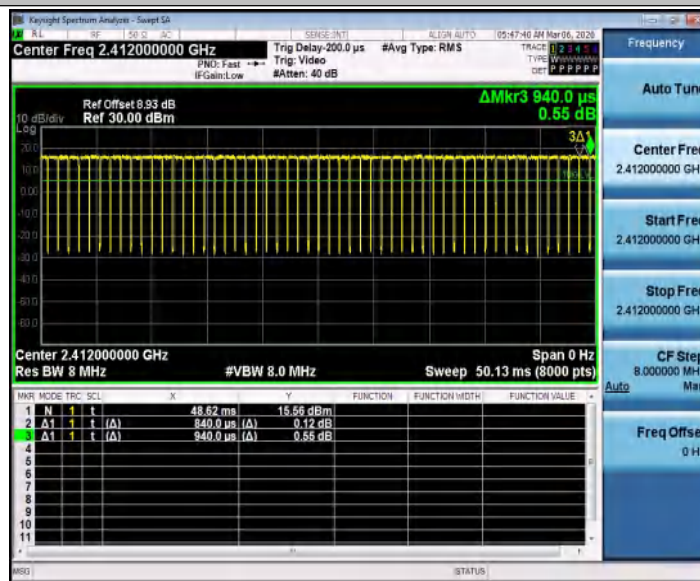
Appendix A.7: Duty Cycle

Test Result

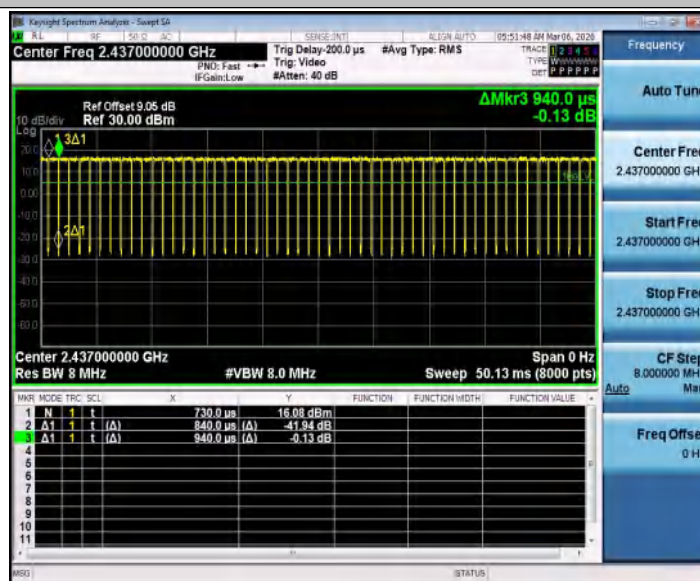
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	0.84	0.94	89.36	0.49	1.19
		2437	0.84	0.94	89.36	0.49	1.19
		2462	0.84	0.94	89.36	0.49	1.19
11G	Ant1	2412	1.40	1.50	93.33	0.30	0.71
		2437	1.40	1.50	93.33	0.30	0.71
		2462	1.40	1.50	93.33	0.30	0.71
11N20SISO	Ant1	2412	1.31	1.41	92.91	0.32	0.76
		2437	1.31	1.42	92.25	0.35	0.76
		2462	1.30	1.40	92.86	0.32	0.77

Test Graphs

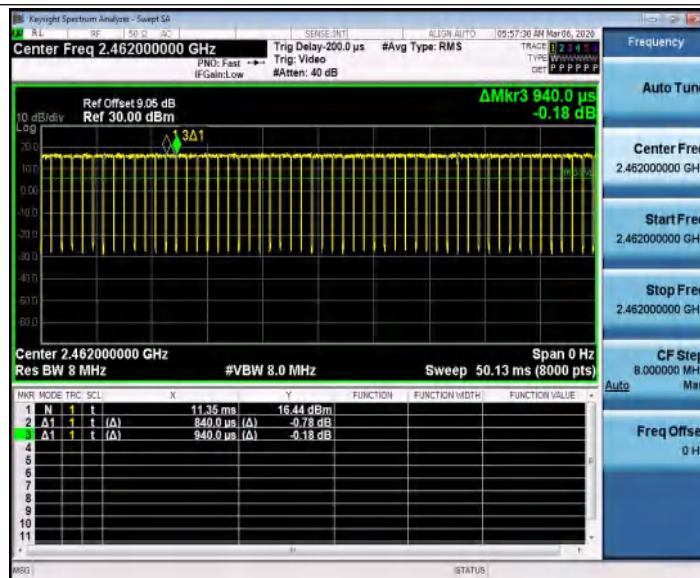
11B_Ant1_2412



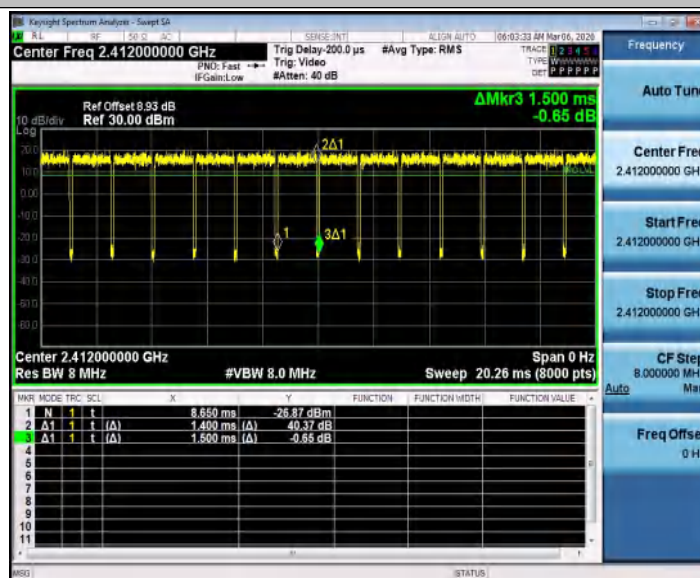
11B_Ant1_2437



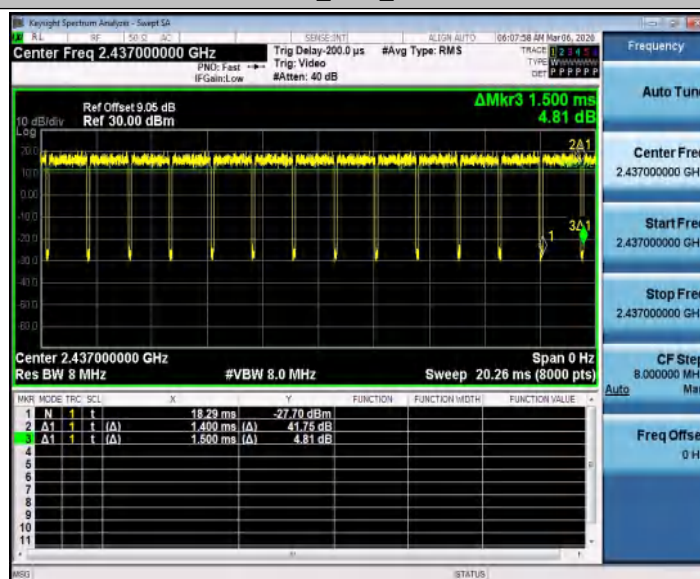
11B_Ant1_2462



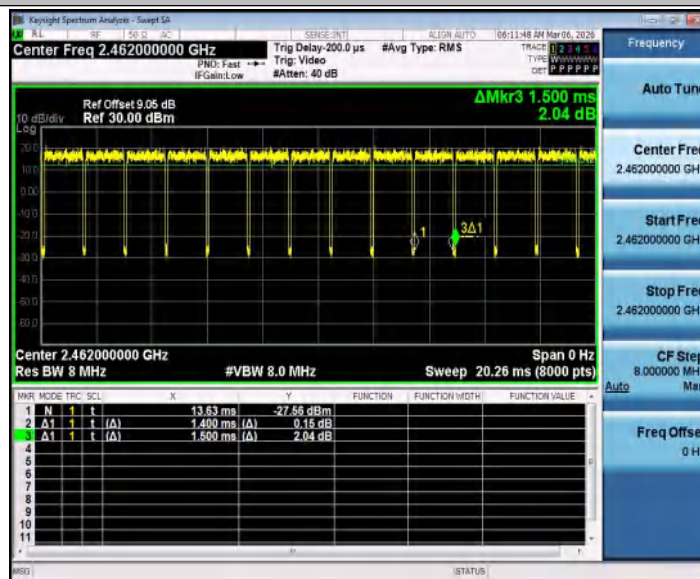
11G_Ant1_2412



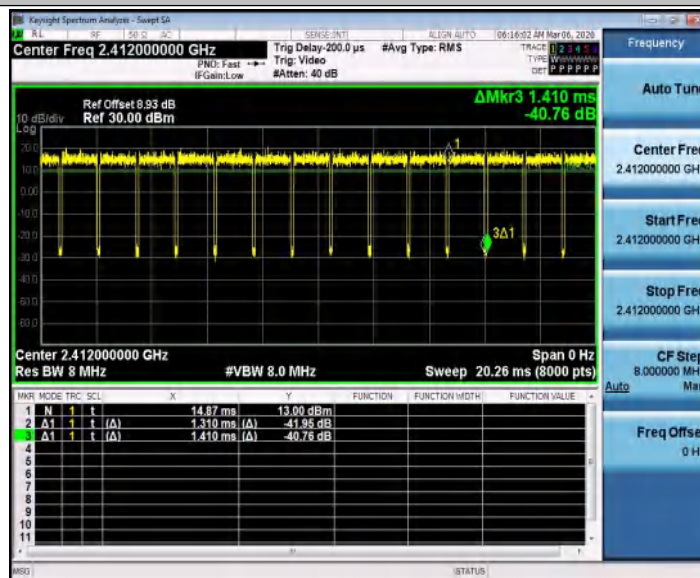
11G_Ant1_2437



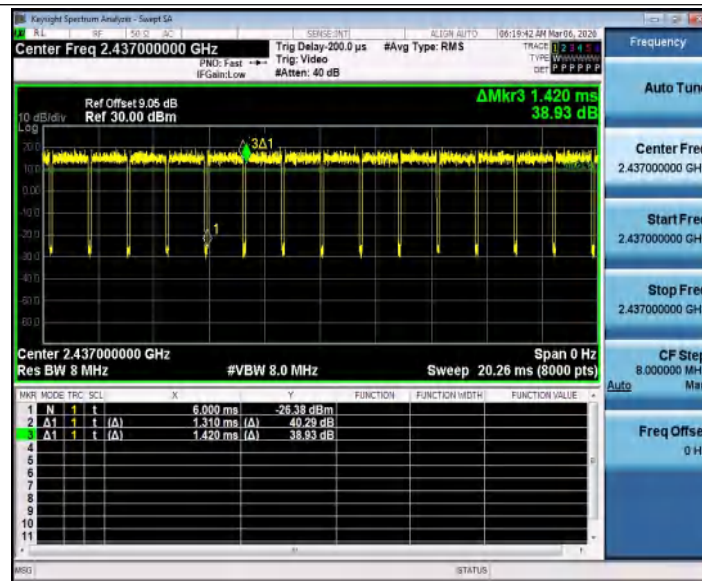
11G_Ant1_2462



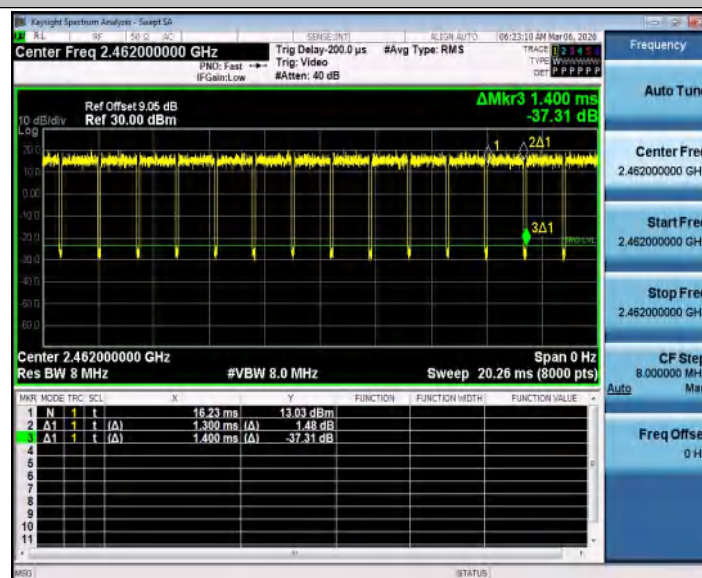
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.8: Emissions in Restricted Bands

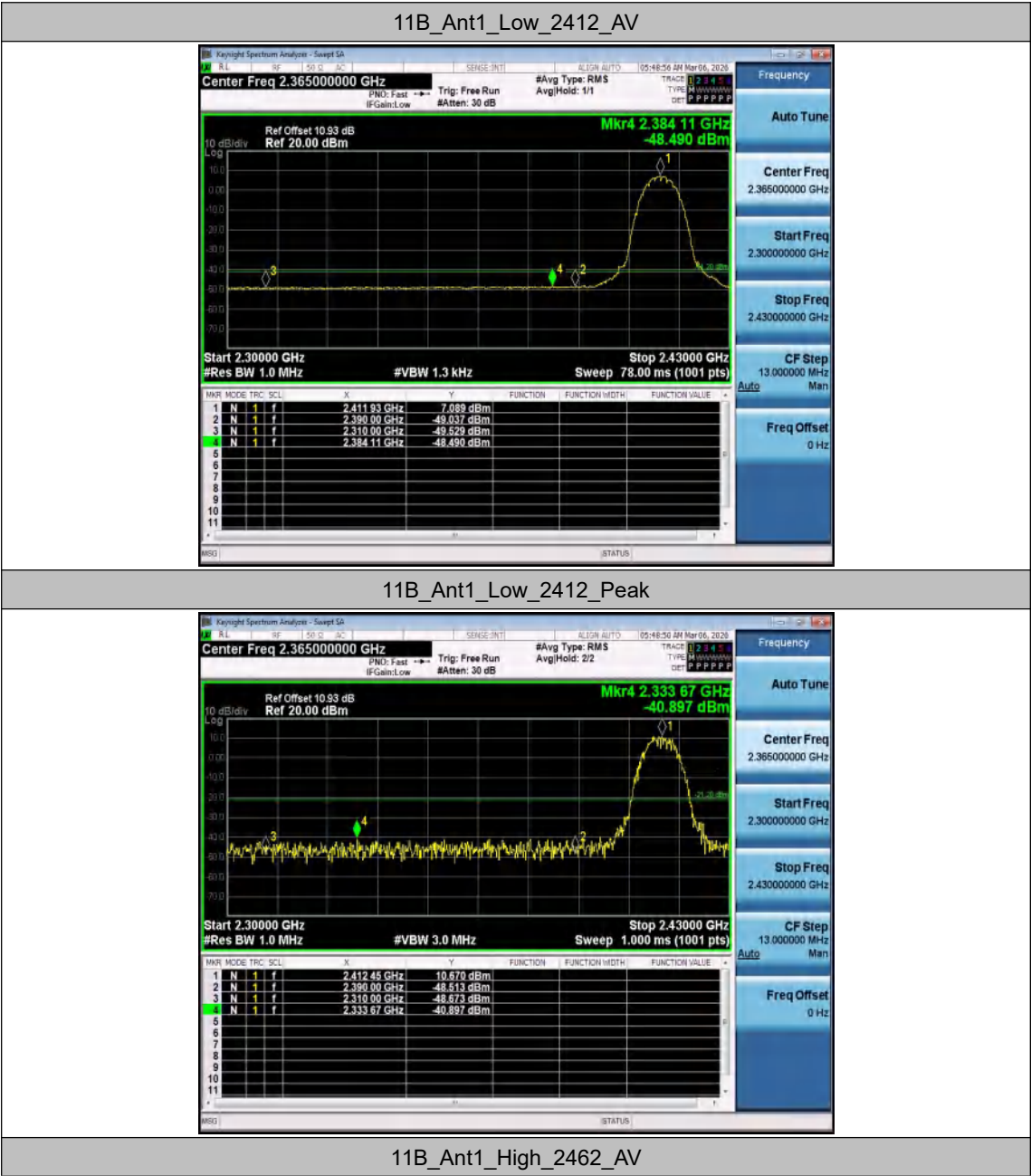
Test Result

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	2384.110	-48.49	≤-41.20	46.71	≤54	PASS
				AV	2390.000	-49.04	≤-41.20	46.16	≤54	PASS
				Peak	2310.000	-48.67	≤-21.20	46.53	≤74	PASS
				Peak	2333.670	-40.9	≤-21.20	54.30	≤74	PASS
				Peak	2390.000	-48.51	≤-21.20	46.69	≤74	PASS
		High	2462	AV	2483.500	-48.8	≤-41.20	46.40	≤54	PASS
				AV	2486.090	-48.07	≤-41.20	47.13	≤54	PASS
				AV	2500.000	-48.36	≤-41.20	46.84	≤54	PASS
				Peak	2483.500	-44.73	≤-21.20	50.47	≤74	PASS
				Peak	2495.770	-40.38	≤-21.20	54.82	≤74	PASS
				Peak	2500.000	-50.17	≤-21.20	45.03	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.41	≤-41.20	45.79	≤54	PASS
				AV	2389.960	-42.91	≤-41.20	52.29	≤54	PASS
				AV	2390.000	-42.91	≤-41.20	52.29	≤54	PASS
				Peak	2310.000	-48.48	≤-21.20	46.72	≤74	PASS
				Peak	2389.310	-34.02	≤-21.20	61.18	≤74	PASS
				Peak	2390.000	-42.16	≤-21.20	53.04	≤74	PASS
		High	2462	AV	2483.500	-44.41	≤-41.20	50.79	≤54	PASS
				AV	2483.560	-44.23	≤-41.20	50.97	≤54	PASS
				AV	2500.000	-48.64	≤-41.20	46.56	≤54	PASS
				Peak	2483.500	-44.86	≤-21.20	50.34	≤74	PASS
				Peak	2483.780	-28.1	≤-21.20	67.10	≤74	PASS
				Peak	2500.000	-49.17	≤-21.20	46.03	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-49.58	≤-41.20	45.62	≤54	PASS
				AV	2388.530	-45.84	≤-41.20	49.36	≤54	PASS
				AV	2390.000	-46.07	≤-41.20	49.13	≤54	PASS
				Peak	2310.000	-46.53	≤-21.20	48.67	≤74	PASS
				Peak	2380.470	-37.14	≤-21.20	58.06	≤74	PASS
				Peak	2390.000	-43.15	≤-21.20	52.05	≤74	PASS
		High	2462	AV	2483.500	-48.01	≤-41.20	47.19	≤54	PASS
				AV	2483.670	-47.14	≤-41.20	48.06	≤54	PASS
				AV	2500.000	-48.41	≤-41.20	46.79	≤54	PASS
				Peak	2483.500	-45.13	≤-21.20	50.07	≤74	PASS
				Peak	2484.220	-39.32	≤-21.20	55.88	≤74	PASS
				Peak	2500.000	-45.48	≤-21.20	49.72	≤74	PASS

Note:

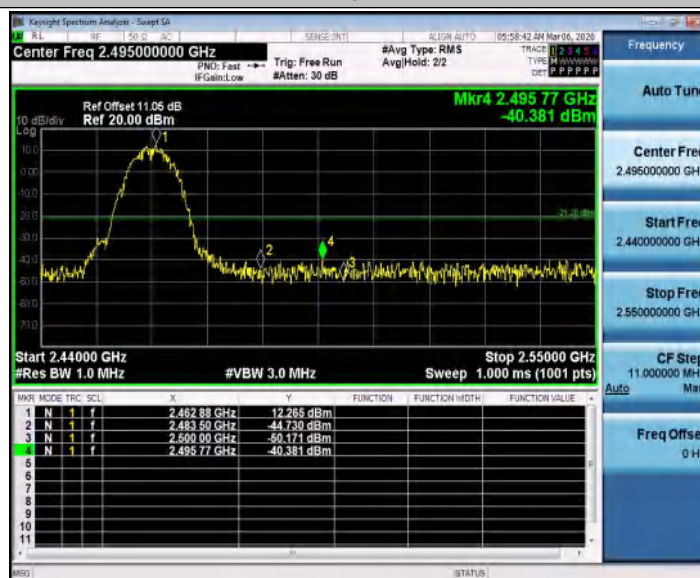
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV



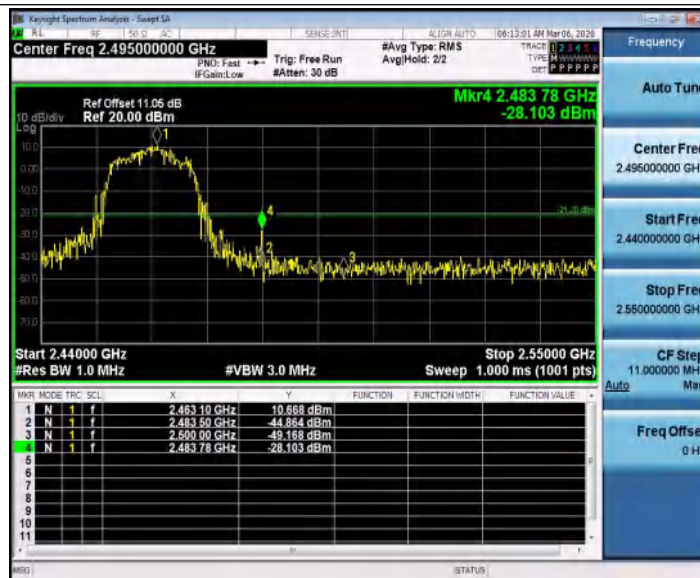
11G_Ant1_Low_2412_Peak



11G_Ant1_High_2462_AV



11G_Ant1_High_2462_Peak



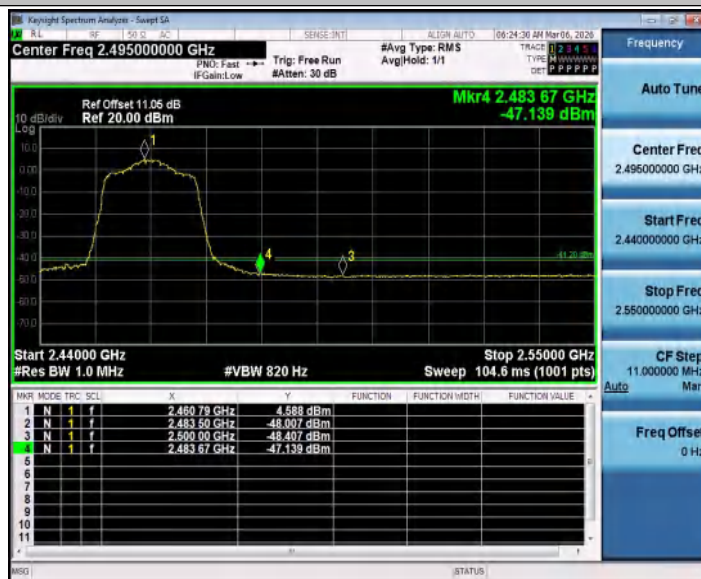
11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



11N20SISO_Ant1_High_2462_Peak

