

Appendix Test Data

Project No.:	18220WC20015001	Test Date:	2022.2.10
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2407.960	2416.080	>=0.5	PASS
		2437	8.640	2432.440	2441.080	>=0.5	PASS
		2462	8.640	2457.920	2466.560	>=0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.936	2405.045	2418.981	---	PASS
		2437	13.945	2429.999	2443.944	---	PASS
		2462	13.969	2454.970	2468.939	---	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	18.96	<=30	PASS
		2437	19.00	<=30	PASS
		2462	19.06	<=30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.56	-5.79	<=8	PASS
		2437	-0.63	-5.86	<=8	PASS
		2462	-0.32	-5.55	<=8	PASS

Note: *Result [dBm/3kHz]= Result[dBm/10kHz]-10*Log(10/3)

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



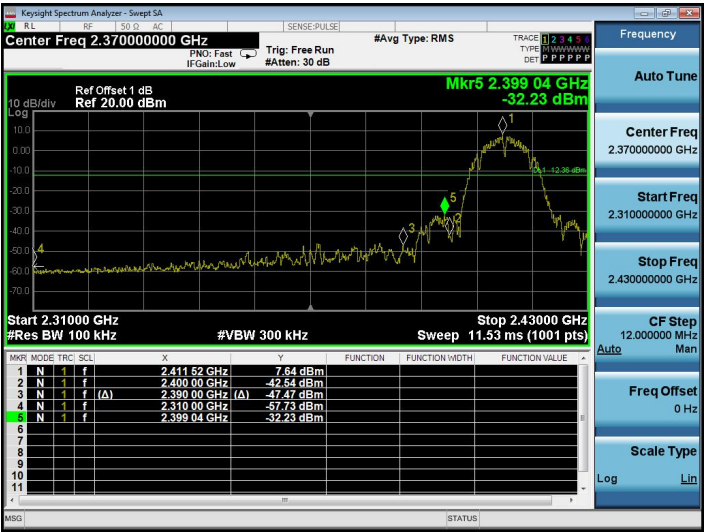
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.64	-32.23	<=-12.36	PASS
		High	2462	8.27	-48.26	<=-11.74	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



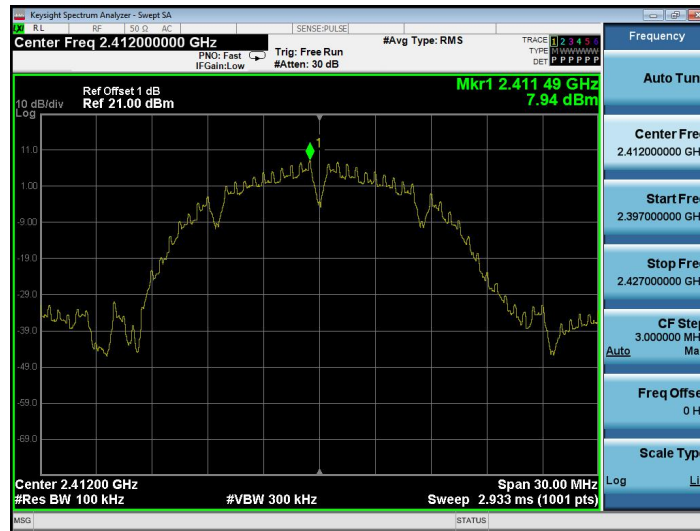
Appendix F: Conducted Spurious Emission

Test Result

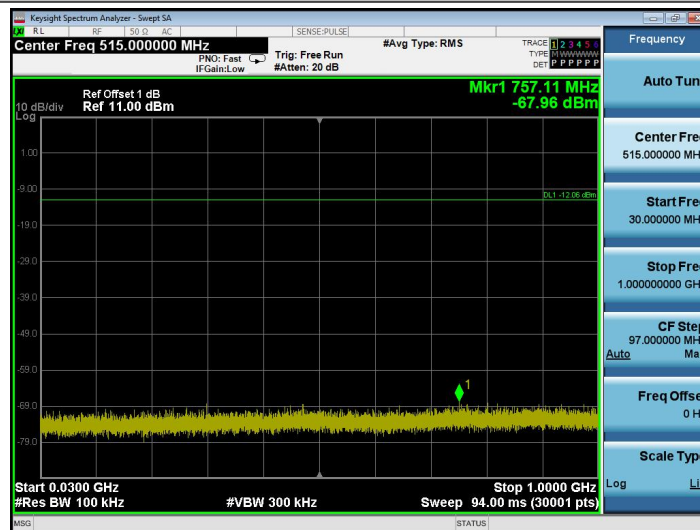
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.94	7.94	---	PASS
			30~1000	7.94	-67.96	<=-12.06	PASS
			1000~26500	7.94	-53.15	<=-12.06	PASS
		2437	Reference	7.21	7.21	---	PASS
			30~1000	7.21	-67.92	<=-12.79	PASS
			1000~26500	7.21	-52.82	<=-12.79	PASS
		2462	Reference	7.72	7.72	---	PASS
			30~1000	7.72	-67.55	<=-12.28	PASS
			1000~26500	7.72	-52.45	<=-12.28	PASS

Test Graphs

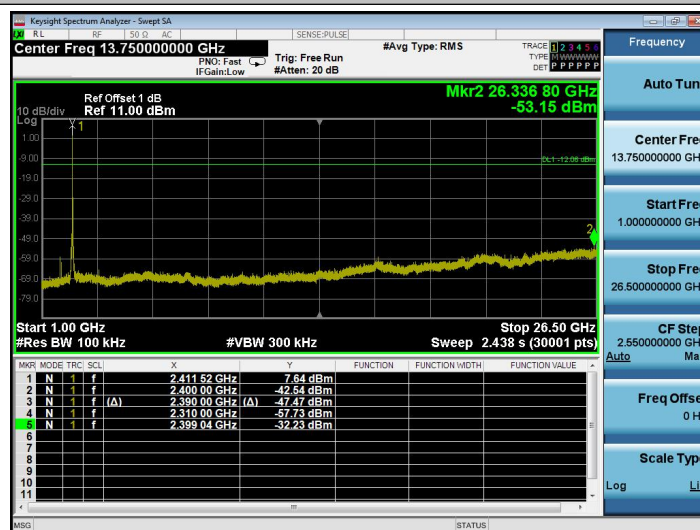
11B_Ant1_2412_0~Reference



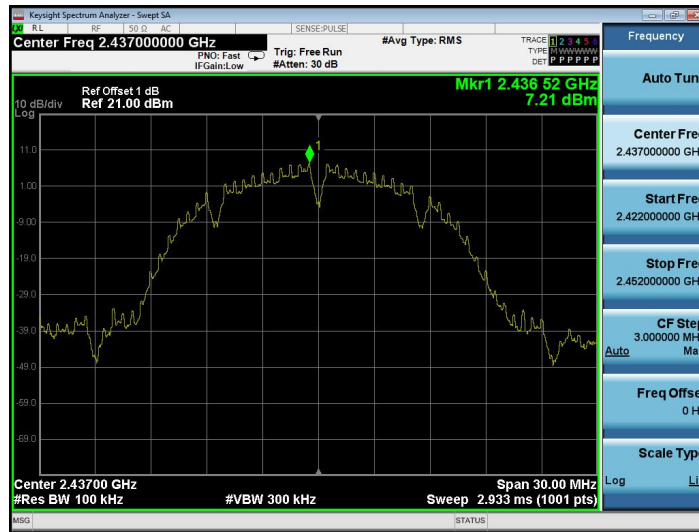
11B_Ant1_2412_30~1000



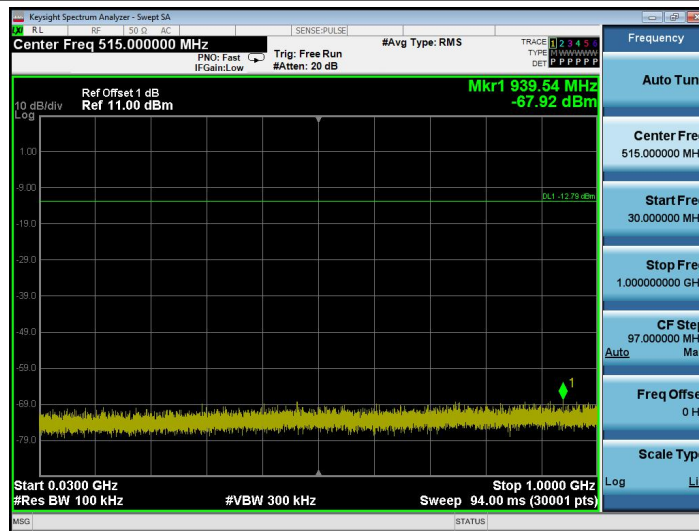
11B_Ant1_2412_1000~26500



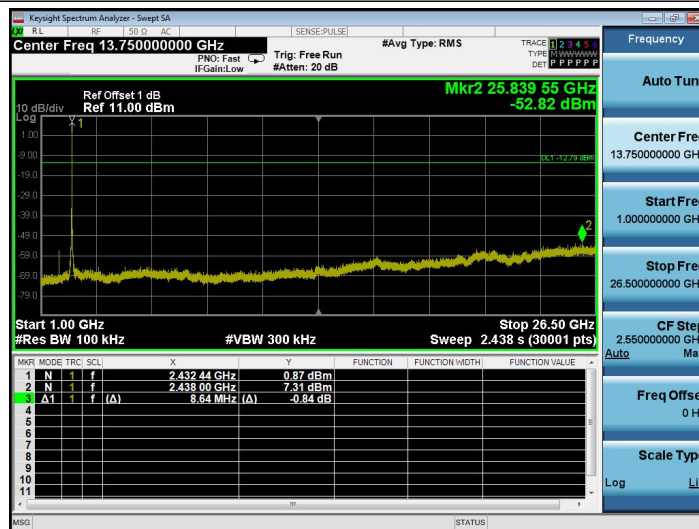
11B_Ant1_2437_0~Reference



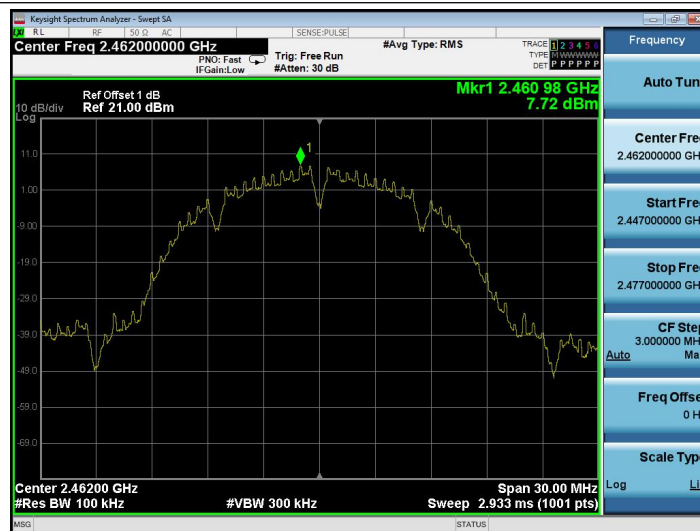
11B_Ant1_2437_30~1000



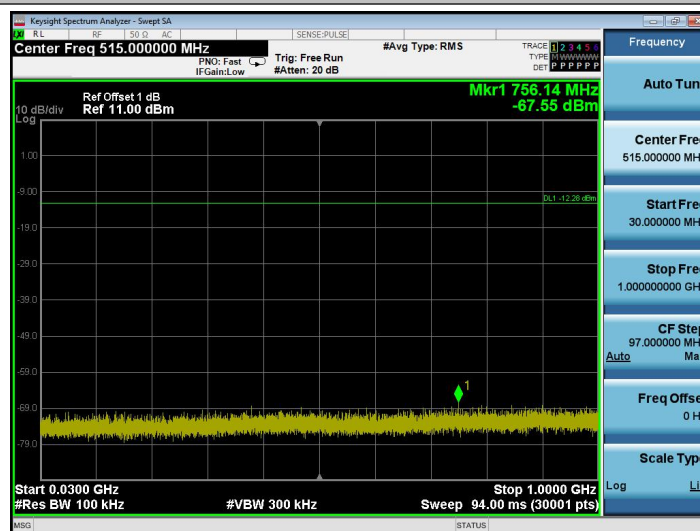
11B_Ant1_2437_1000~26500



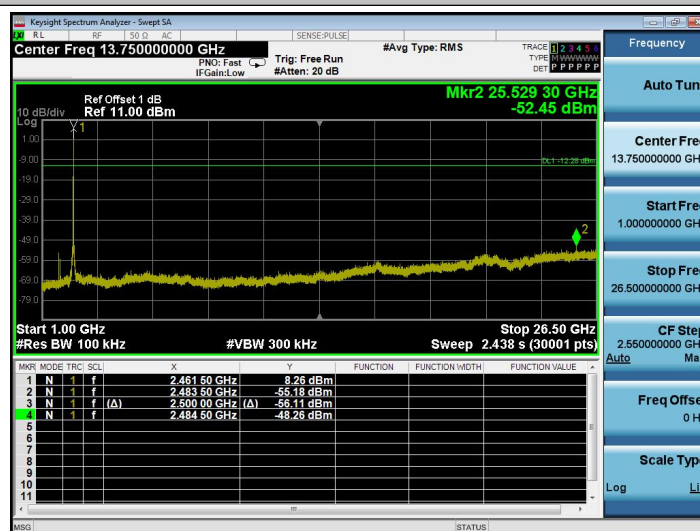
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



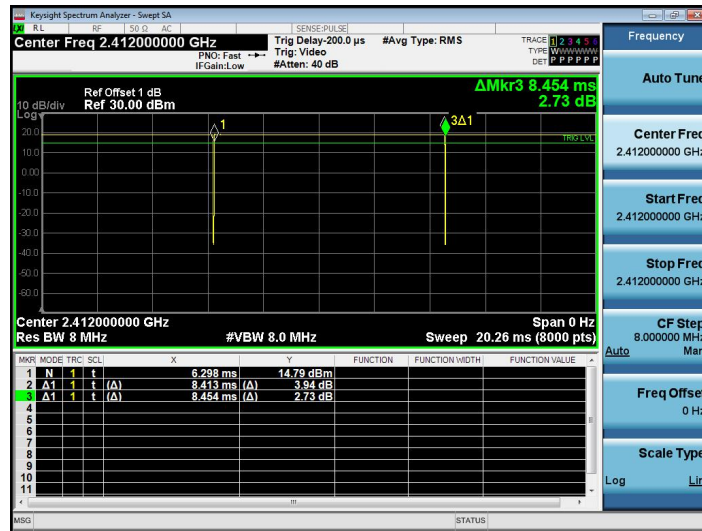
Appendix G: Duty Cycle

Test Result

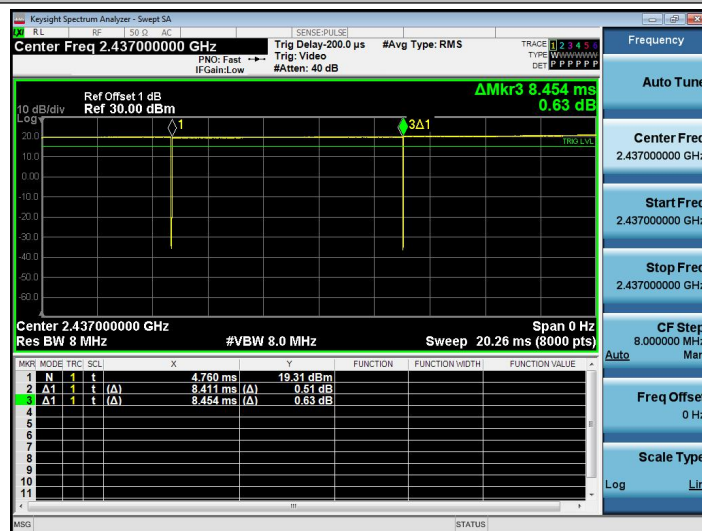
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.41	8.45	99.53	---	PASS
		2437	8.41	8.45	99.53	---	PASS
		2462	8.41	8.45	99.53	---	PASS

Test Graphs

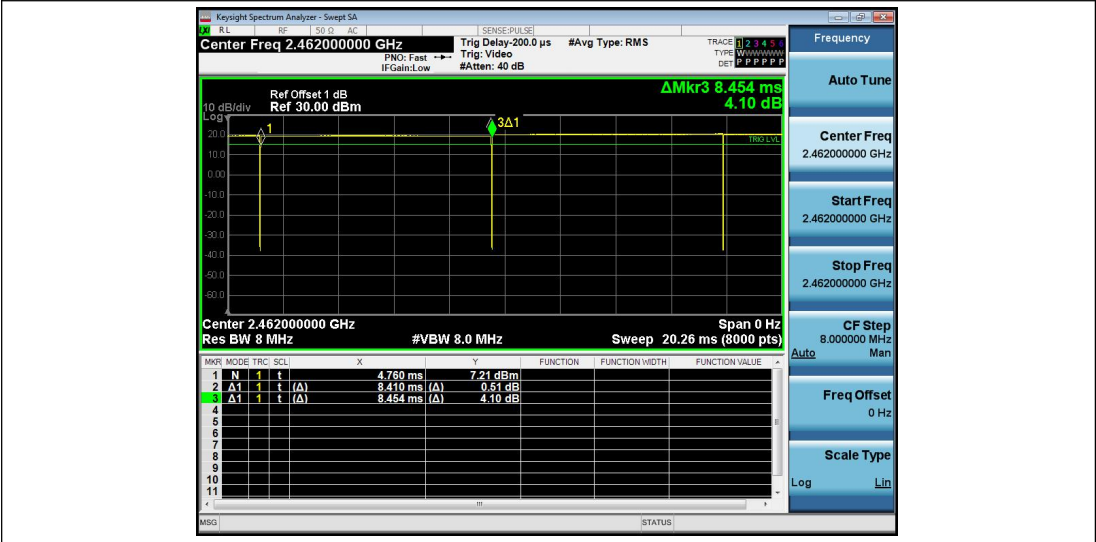
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



---End---