

Appendix Test Data

Report No.:	18220WC20167101	Test Sample No.:	1-2-2
Start Test Date:	2022.7.27	Finish Test Date:	2022.8.2
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	26.3C°	Relative Humidity:	46 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.640	2407.440	2417.080	≥0.5	PASS
		2437	9.640	2432.440	2442.080	≥0.5	PASS
		2462	9.200	2457.400	2466.600	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.288	2405.907	2418.195	---	PASS
		2437	12.302	2430.885	2443.187	---	PASS
		2462	12.316	2455.874	2468.190	---	PASS

Test Graphs



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Appendix C: Maximum conducted output power

Test Result

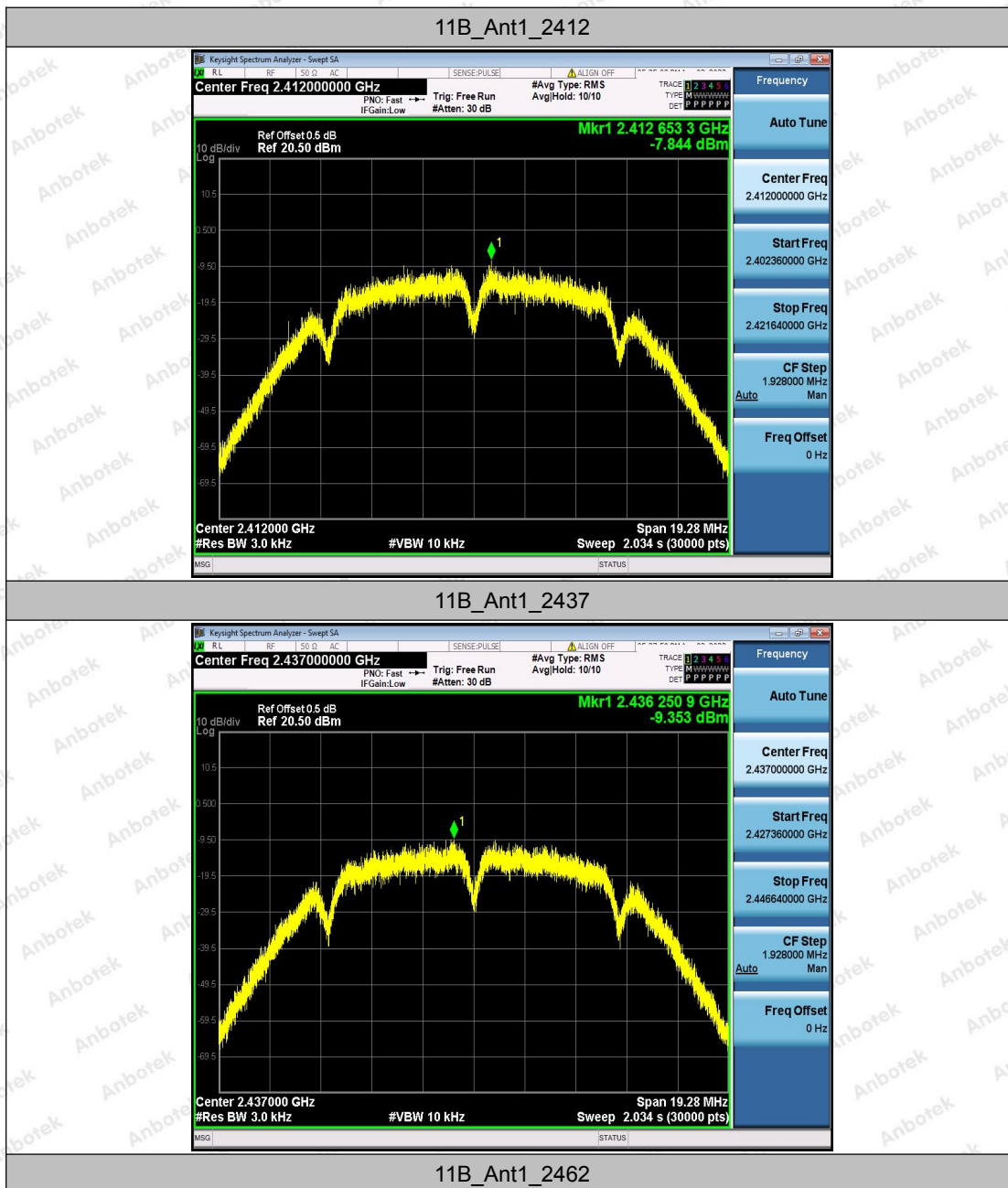
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.79	≤30	PASS
		2437	16.62	≤30	PASS
		2462	16.69	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.84	≤8	PASS
		2437	-9.35	≤8	PASS
		2462	-9.31	≤8	PASS

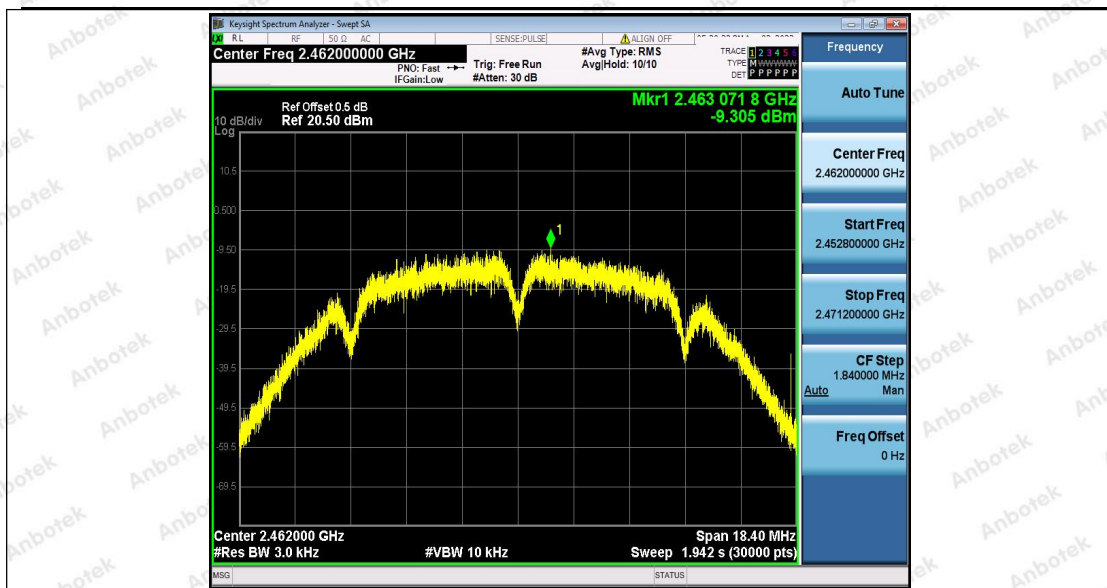
Test Graphs



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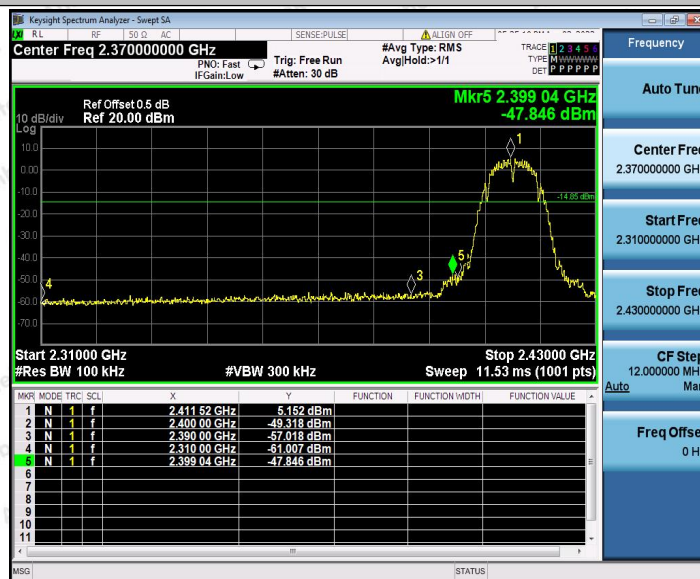
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.15	-47.85	≤-14.85	PASS
		High	2462	4.69	-54.58	≤-15.31	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



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Appendix F: Conducted Spurious Emission

Test Result

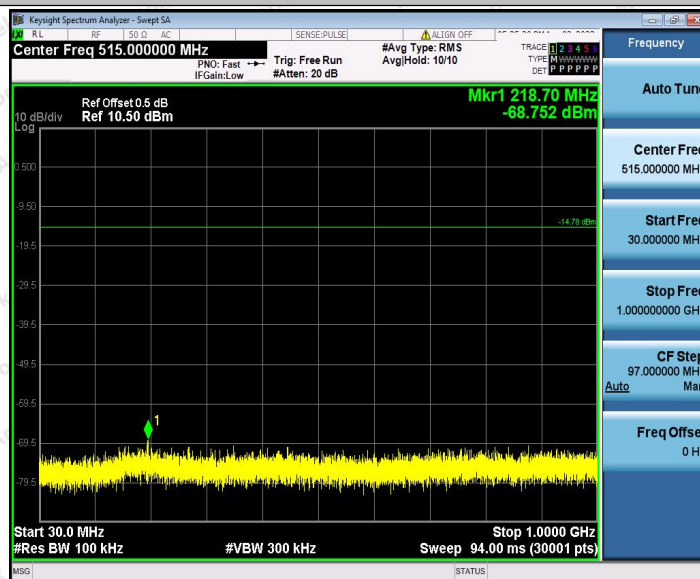
Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.22	5.22	---	PASS
			30~1000	5.22	-68.75	≤ -14.78	PASS
			1000~26500	5.22	-53.87	≤ -14.78	PASS
		2437	Reference	4.42	4.42	---	PASS
			30~1000	4.42	-69.53	≤ -15.58	PASS
			1000~26500	4.42	-53.91	≤ -15.58	PASS
		2462	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-69.12	≤ -15.39	PASS
			1000~26500	4.61	-53.77	≤ -15.39	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



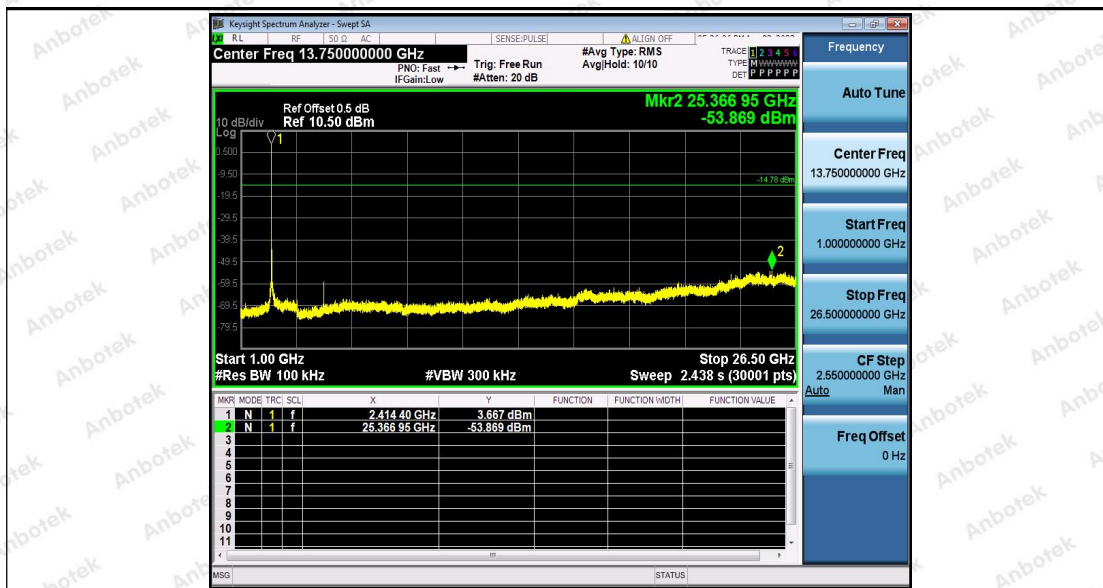
11B_Ant1_2412_1000~26500

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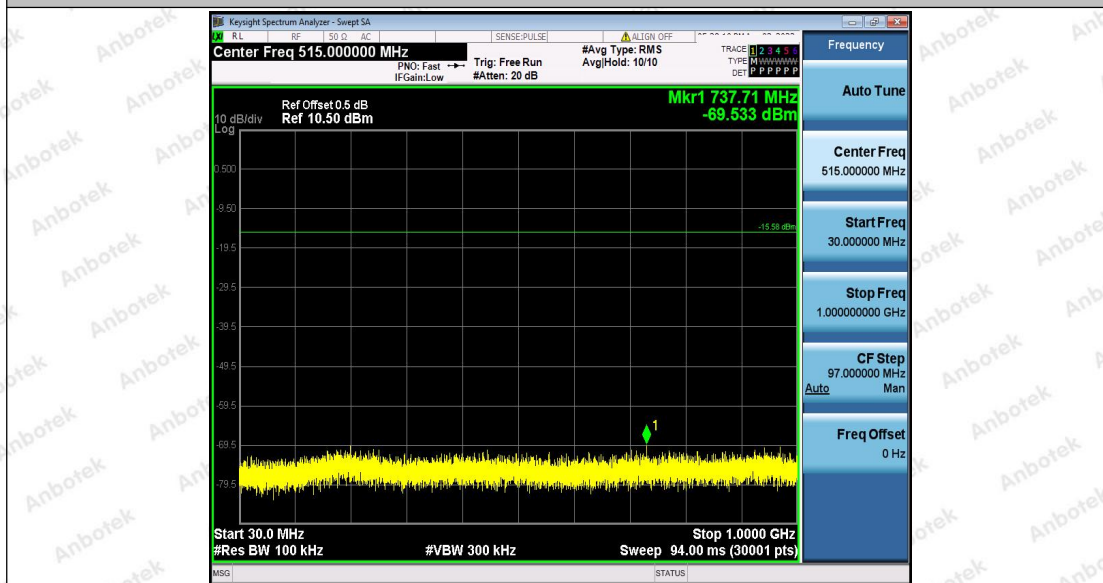
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11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

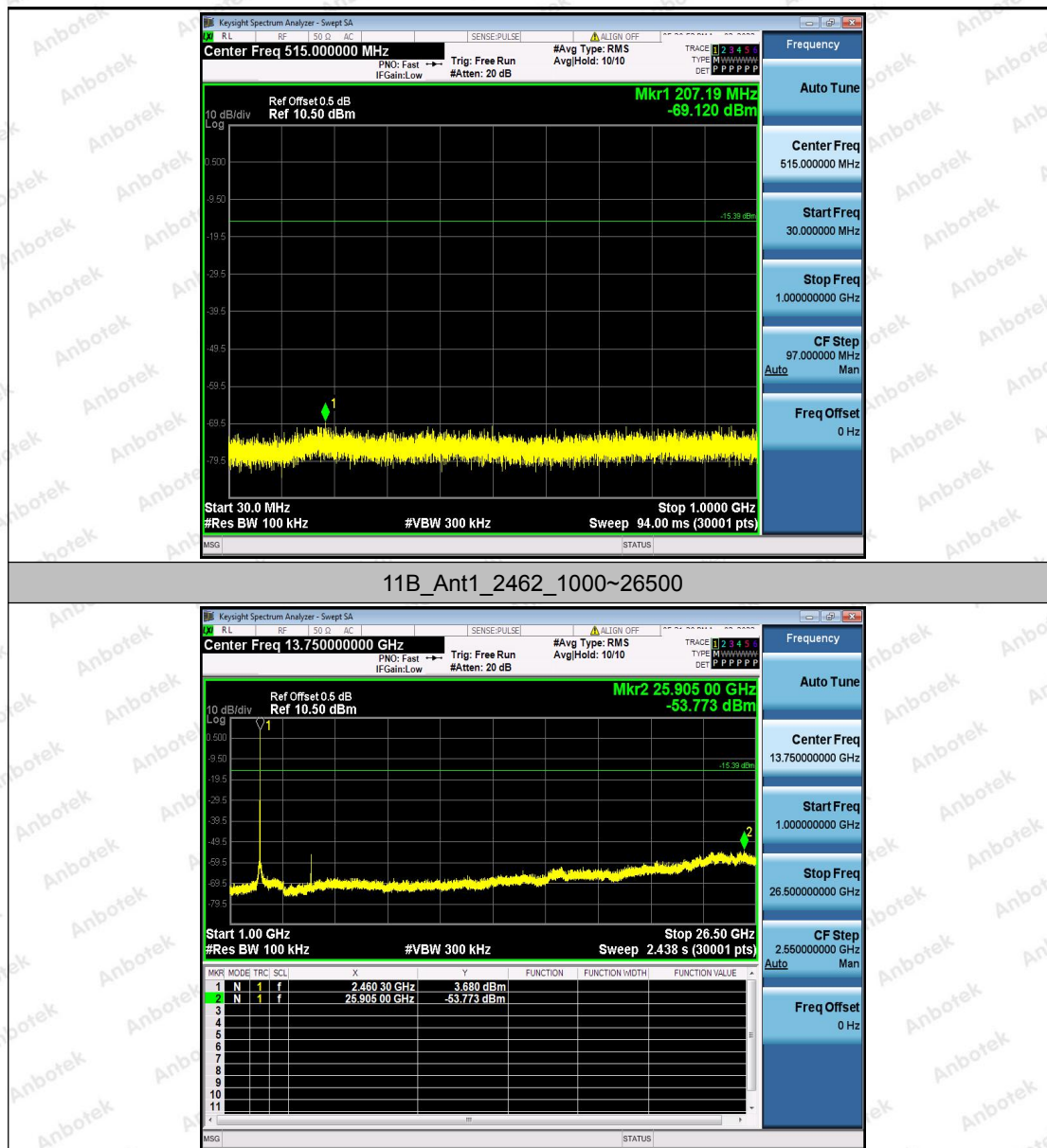


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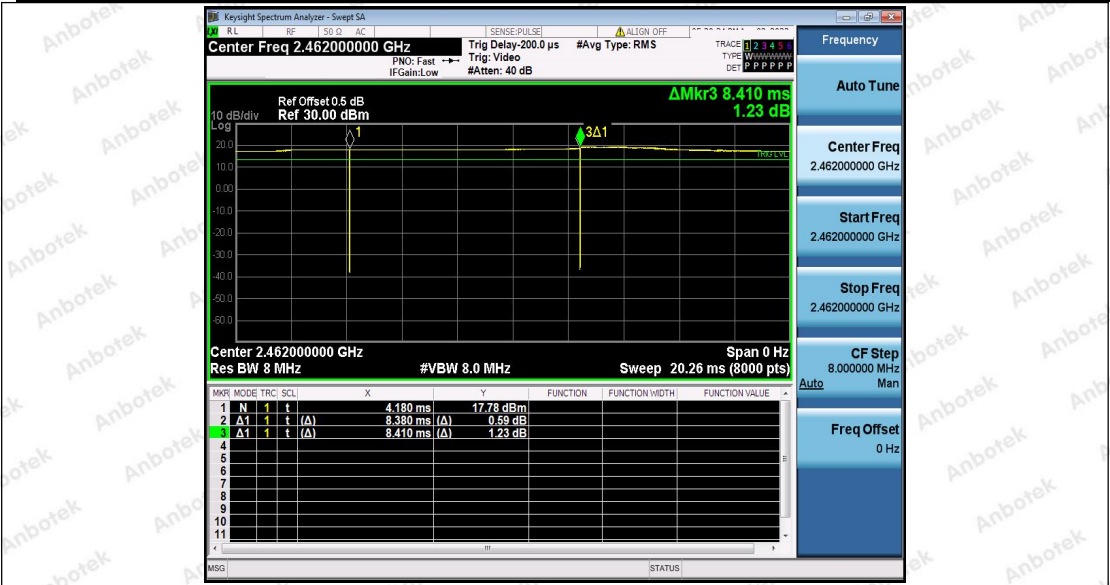
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.39	8.42	99.64	---	PASS
		2437	8.38	8.41	99.64	---	PASS
		2462	8.38	8.41	99.64	---	PASS



---End---