

Appendix Test Data

Report No.:	18220WC30023801	Test Sample No.:	1-2-2
Start Test Date:	2023.02.17	Finish Test Date:	2023.02.28
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	21.5C°	Relative Humidity:	46%
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2464	1.088	2463.600	2464.688	0.5	PASS

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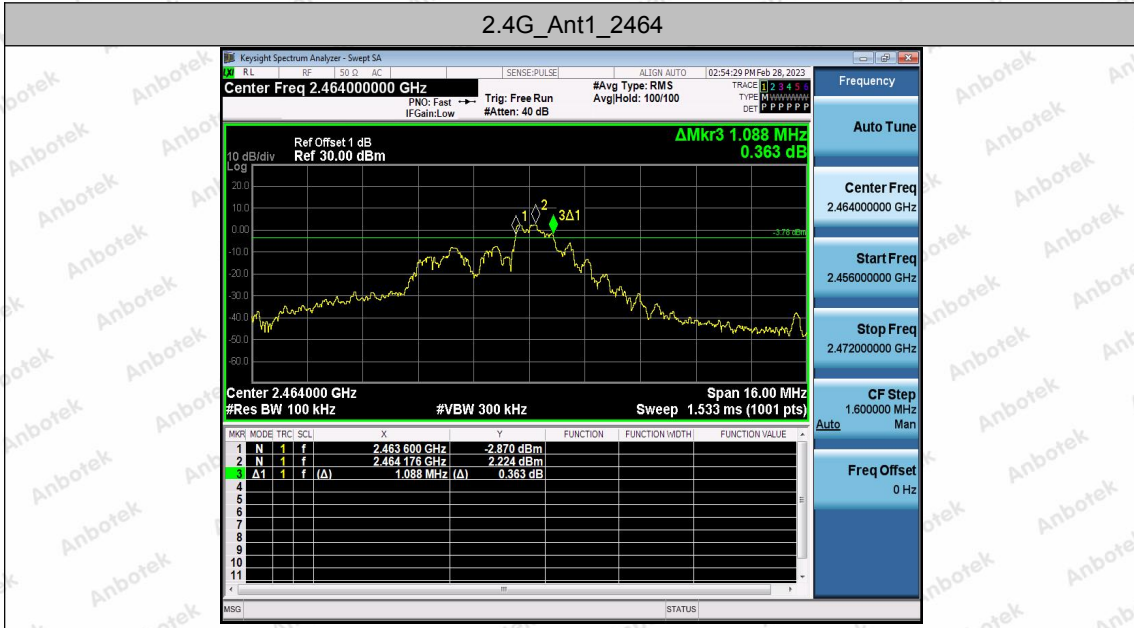
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Test Graphs



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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
2.4G	Ant1	2464	4.7784	2460.8997	2465.6781

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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2464	1.98	≤30	PASS

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Test Graphs Peak



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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2464	-5.46	≤8.00	PASS

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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	High	2464	2.16	-49.77	≤-17.84	PASS
2.4G	Ant1	High	2464	2.14	-48.60	≤-17.86	PASS

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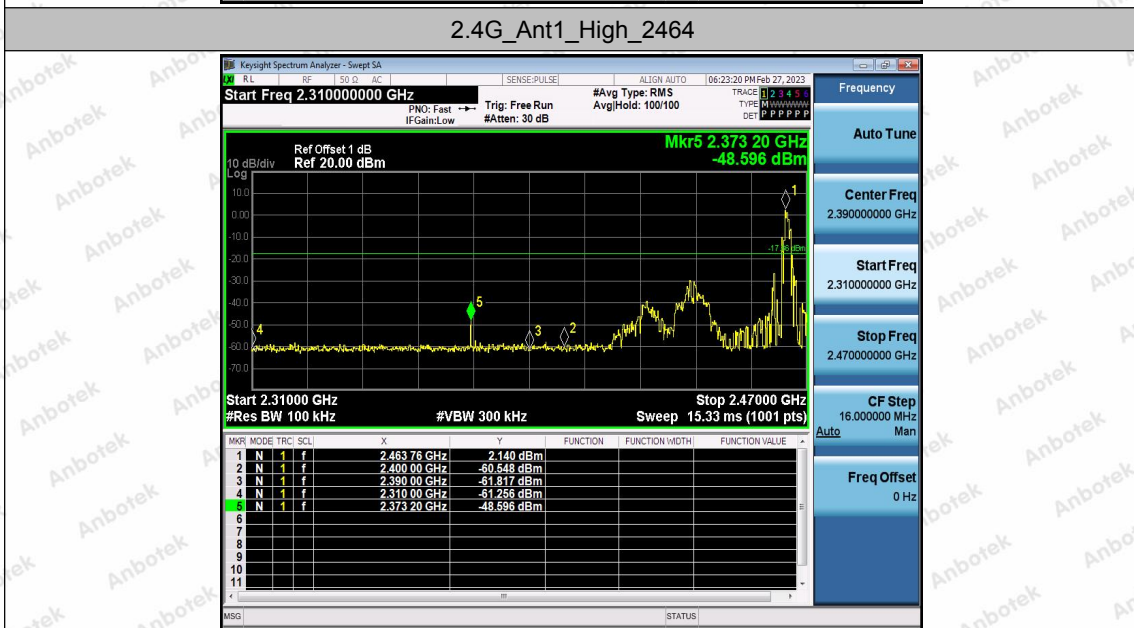
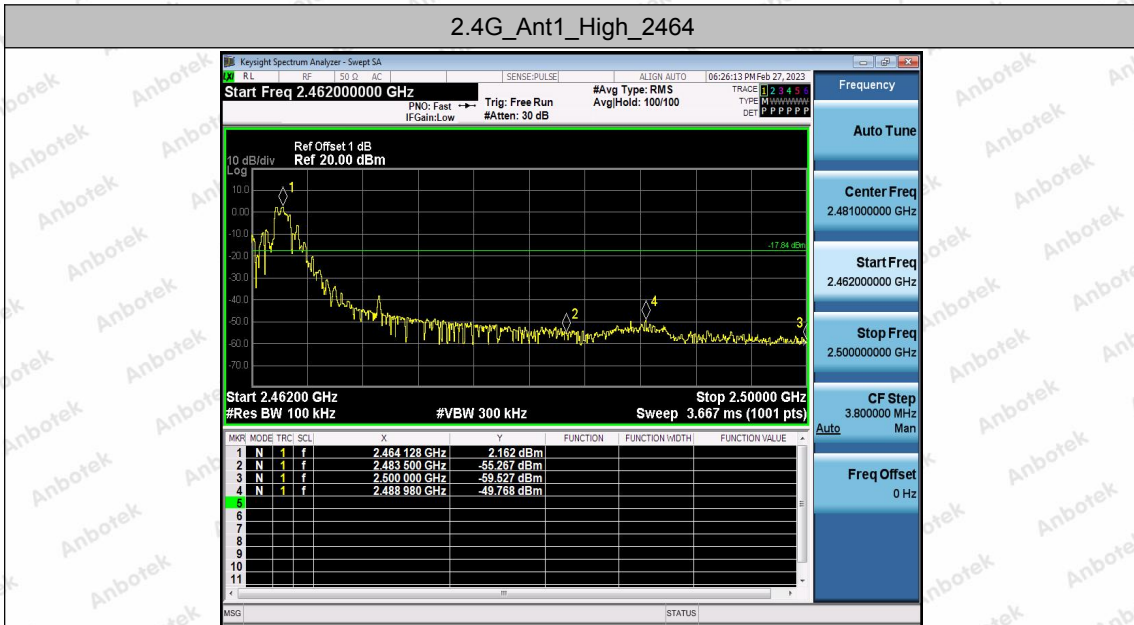
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2464	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-69.26	≤-19.83	PASS
			1000~26500	0.17	-53.72	≤-19.83	PASS

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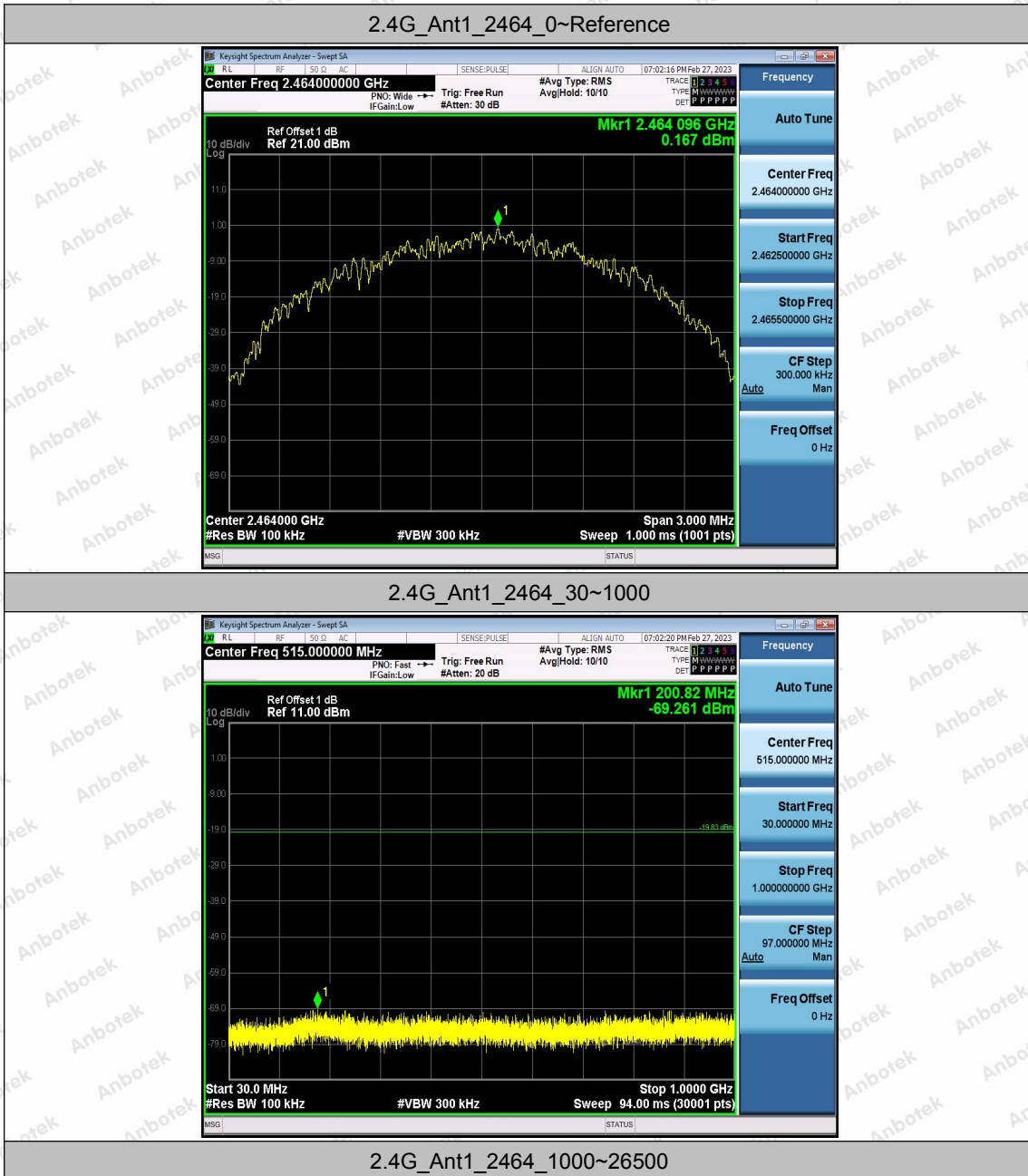
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Test Graphs

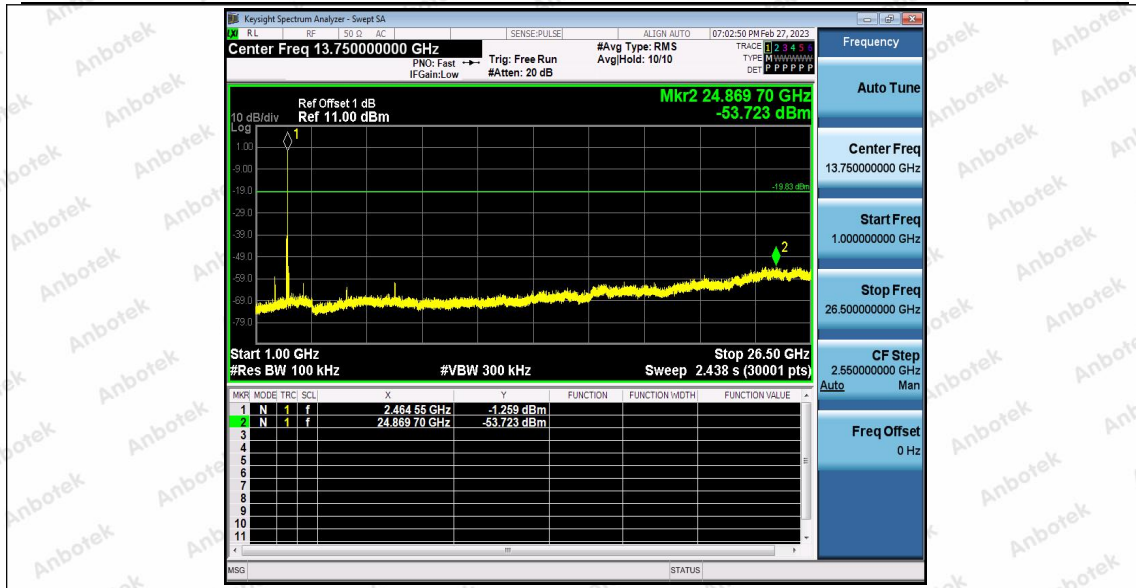


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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2464	1.38	2.71	50.92	2.93

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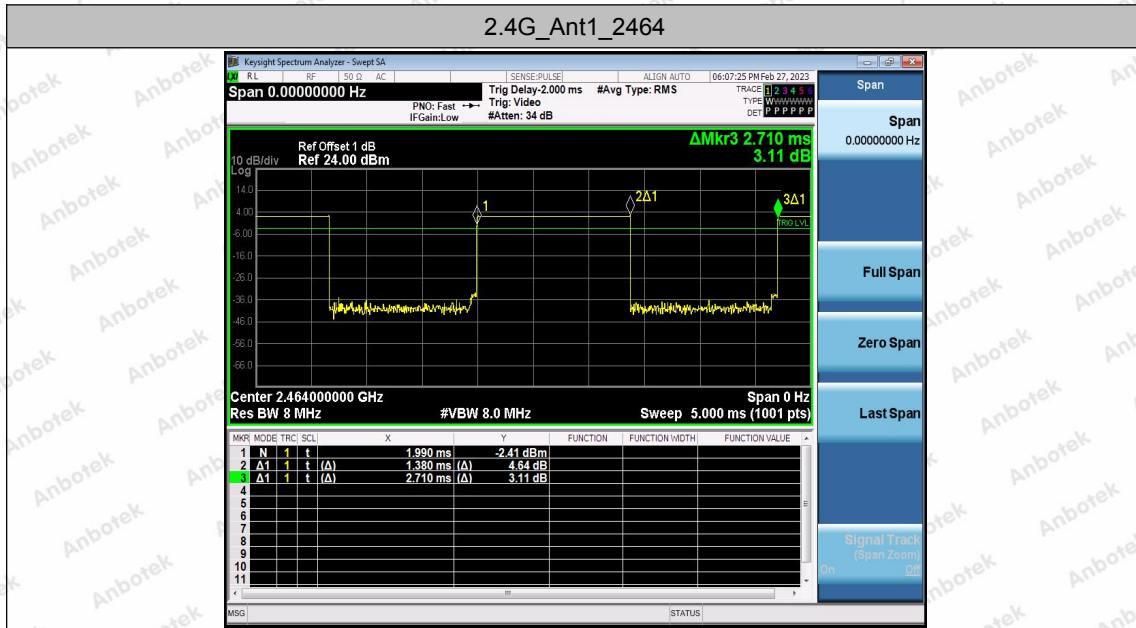
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Test Graphs



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