

Appendix Test Data

Report No.:	18220WC10271802	Test Sample No.:	1-2-2
Start Test Date:	2021.12.15	Finish Test Date:	2021.12.25
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	23.3°C	Relative Humidity:	58 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.504	2401.672	2402.176	≥0.5	PASS
		2440	0.700	2439.652	2440.352	≥0.5	PASS
		2480	0.656	2479.680	2480.336	≥0.5	PASS
BLE_2M	Ant1	2402	1.120	2401.428	2402.548	≥0.5	PASS
		2440	1.112	2439.448	2440.560	≥0.5	PASS
		2480	1.084	2479.508	2480.592	≥0.5	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

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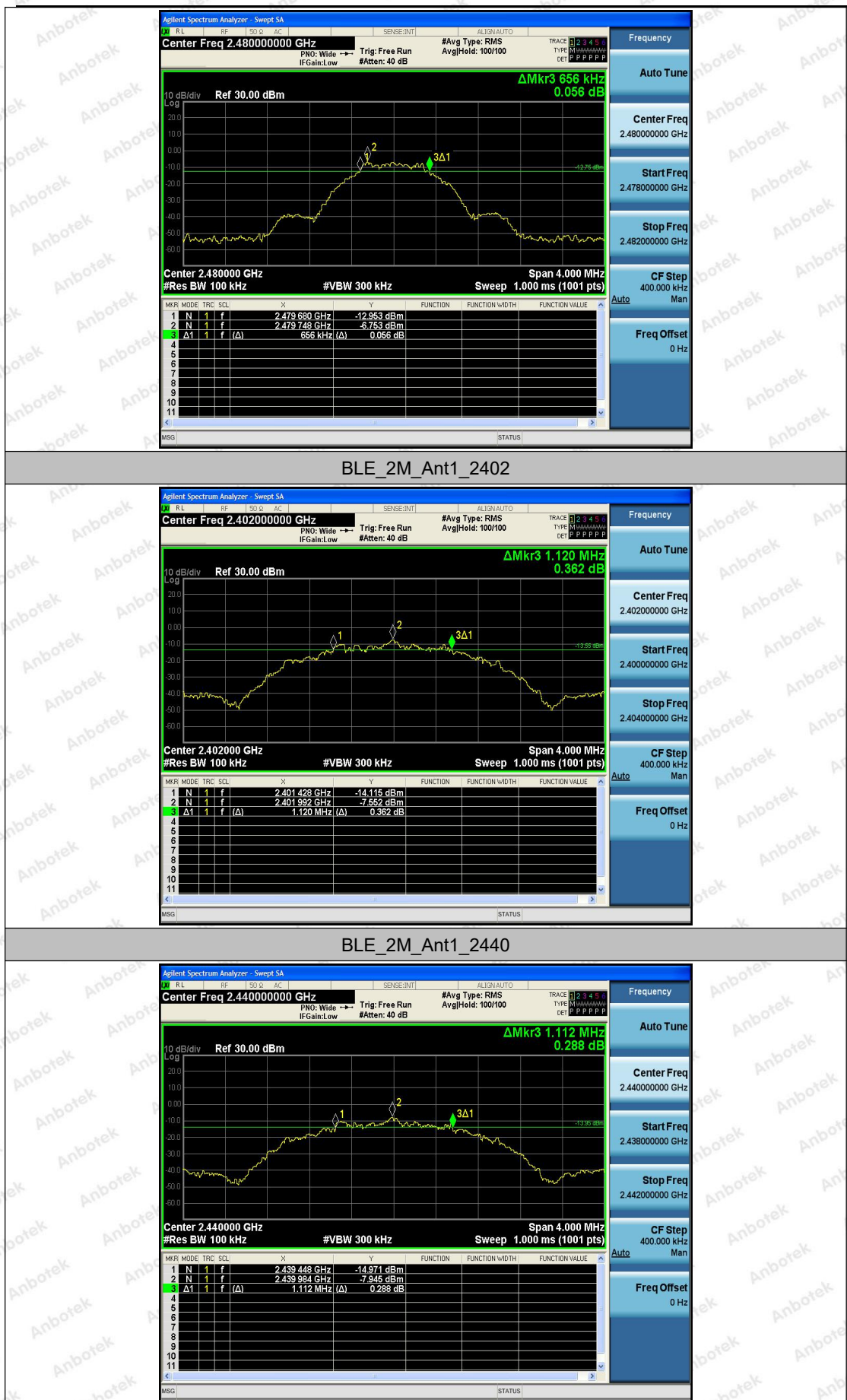
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0466	2401.485	2402.532	---	PASS
		2440	1.0463	2439.478	2440.524	---	PASS
		2480	1.0542	2479.476	2480.530	---	PASS
BLE_2M	Ant1	2402	2.0816	2400.974	2403.055	---	PASS
		2440	2.0919	2438.971	2441.063	---	PASS
		2480	2.0908	2478.966	2481.057	---	PASS

Test Graphs



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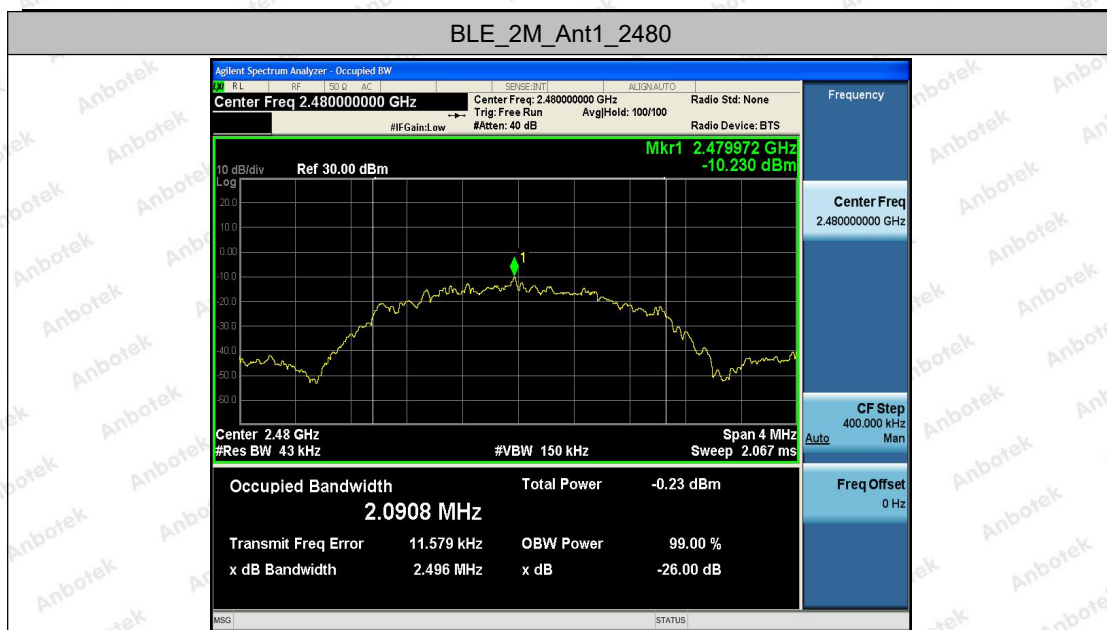
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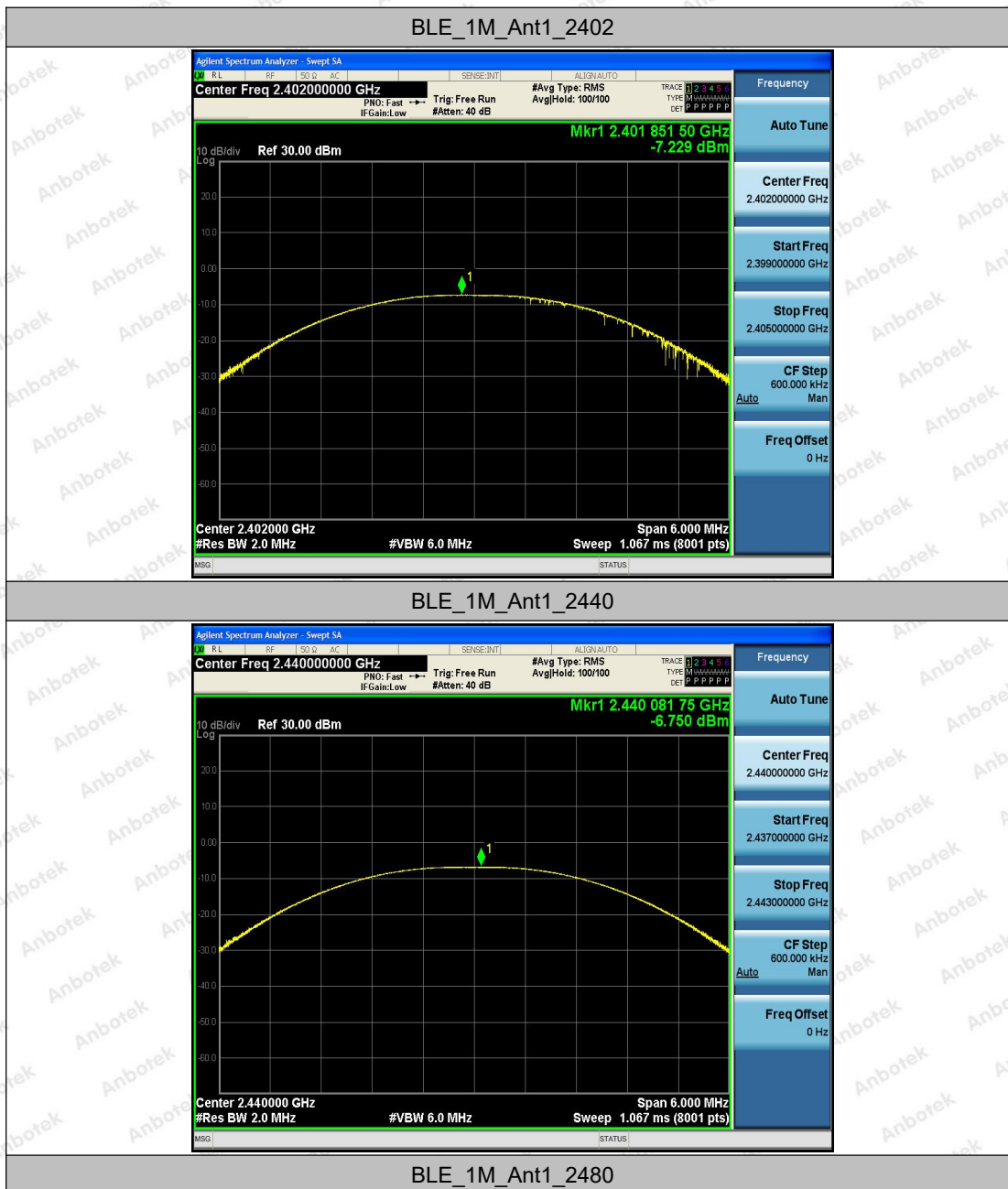
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-7.23	≤30	PASS
		2440	-6.75	≤30	PASS
		2480	-6.14	≤30	PASS
BLE_2M	Ant1	2402	-6.74	≤30	PASS
		2440	-6.92	≤30	PASS
		2480	-6.3	≤30	PASS

Test Graphs

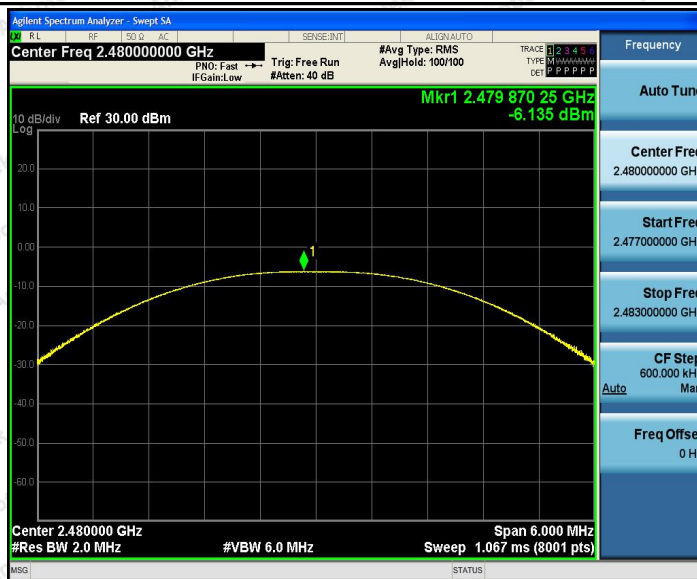


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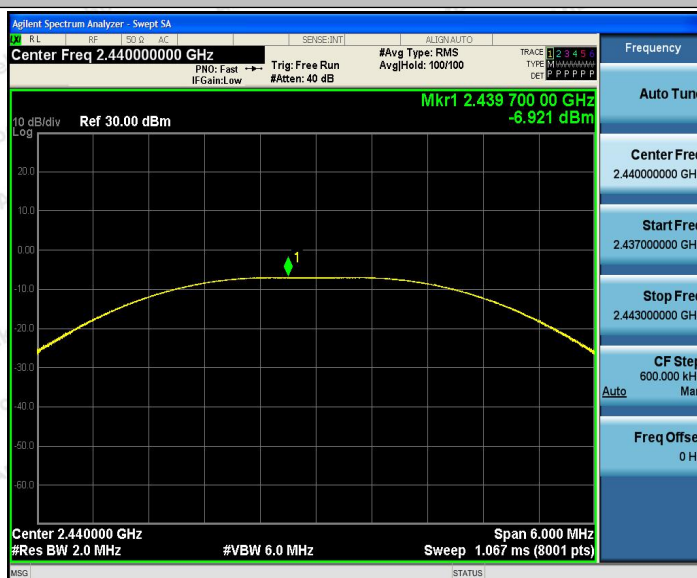
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BLE_2M_Ant1_2402



BLE_2M_Ant1_2440

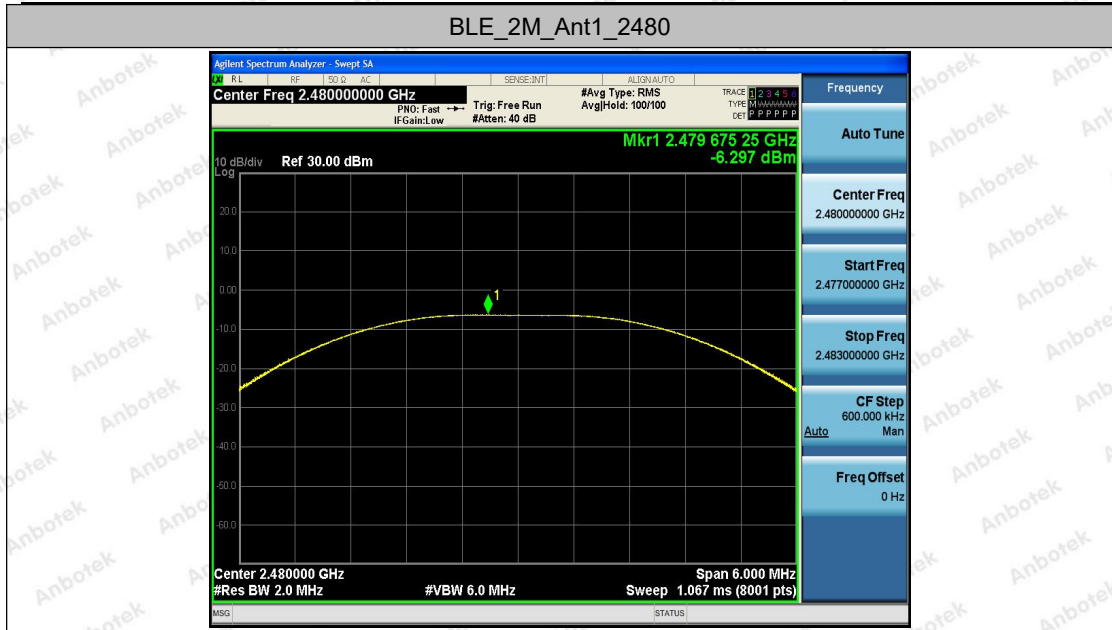


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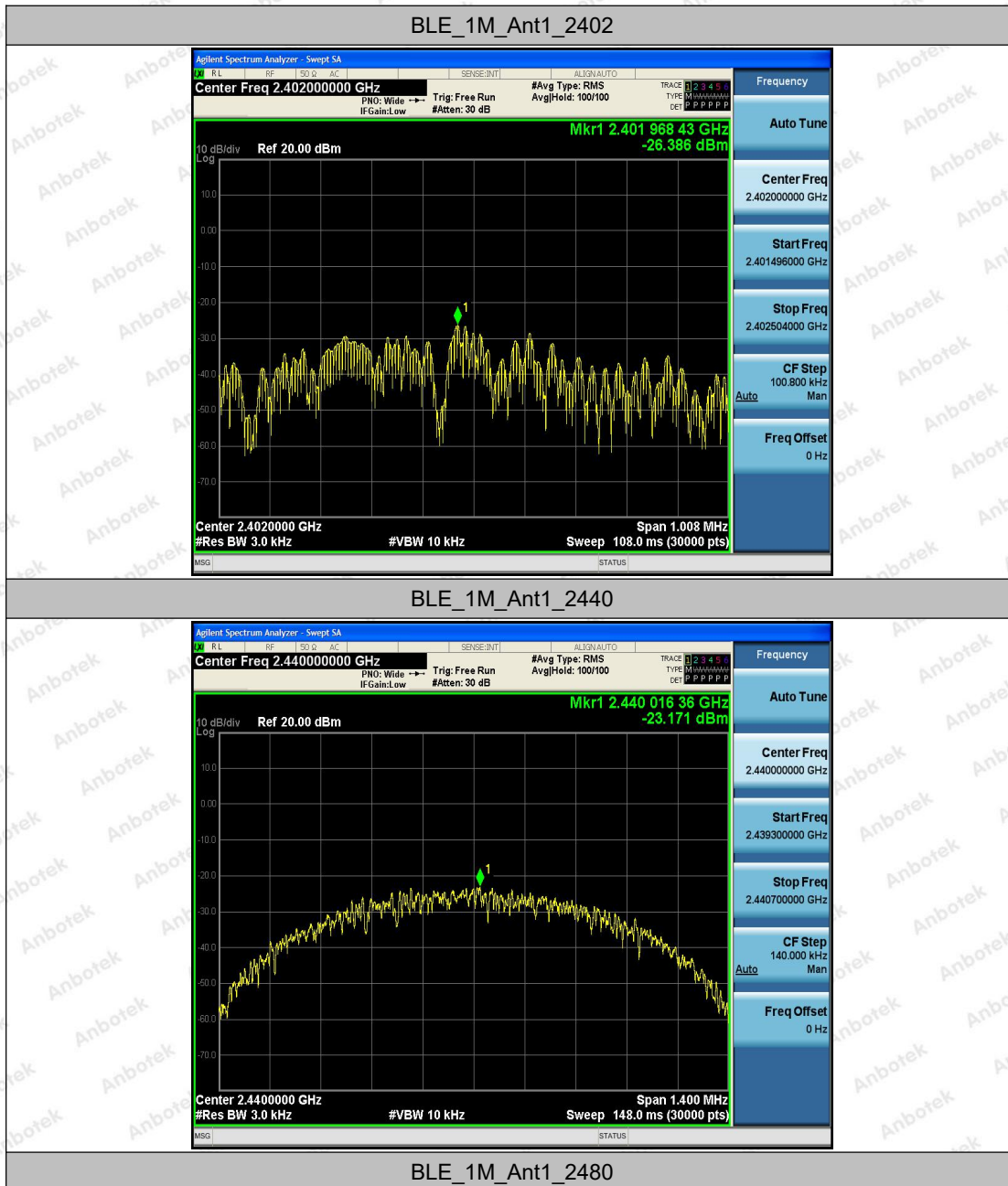
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-26.39	≤8	PASS
		2440	-23.17	≤8	PASS
		2480	-22.55	≤8	PASS
BLE_2M	Ant1	2402	-25.53	≤8	PASS
		2440	-25.77	≤8	PASS
		2480	-25.09	≤8	PASS

Test Graphs



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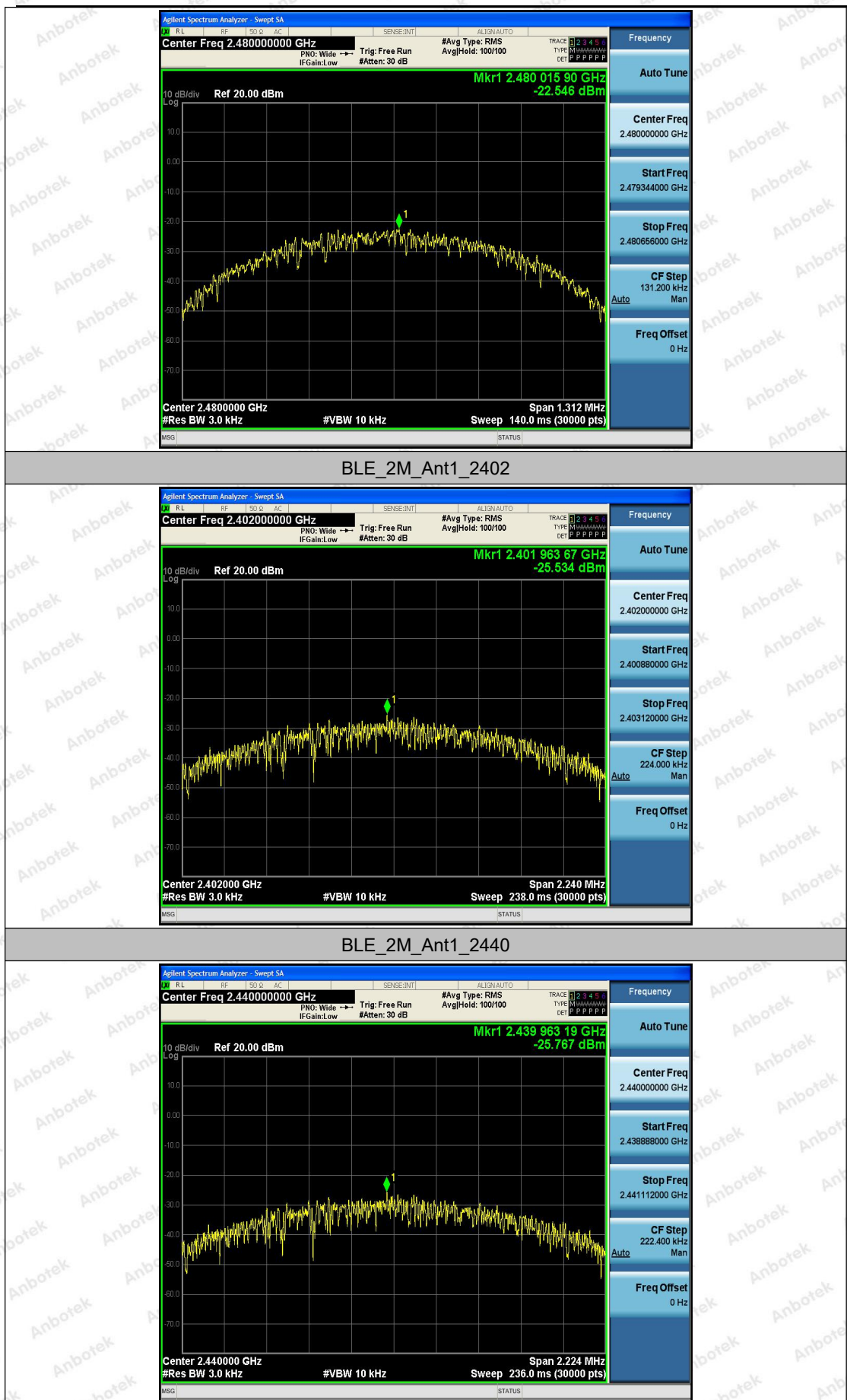
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