

Appendix Test Data

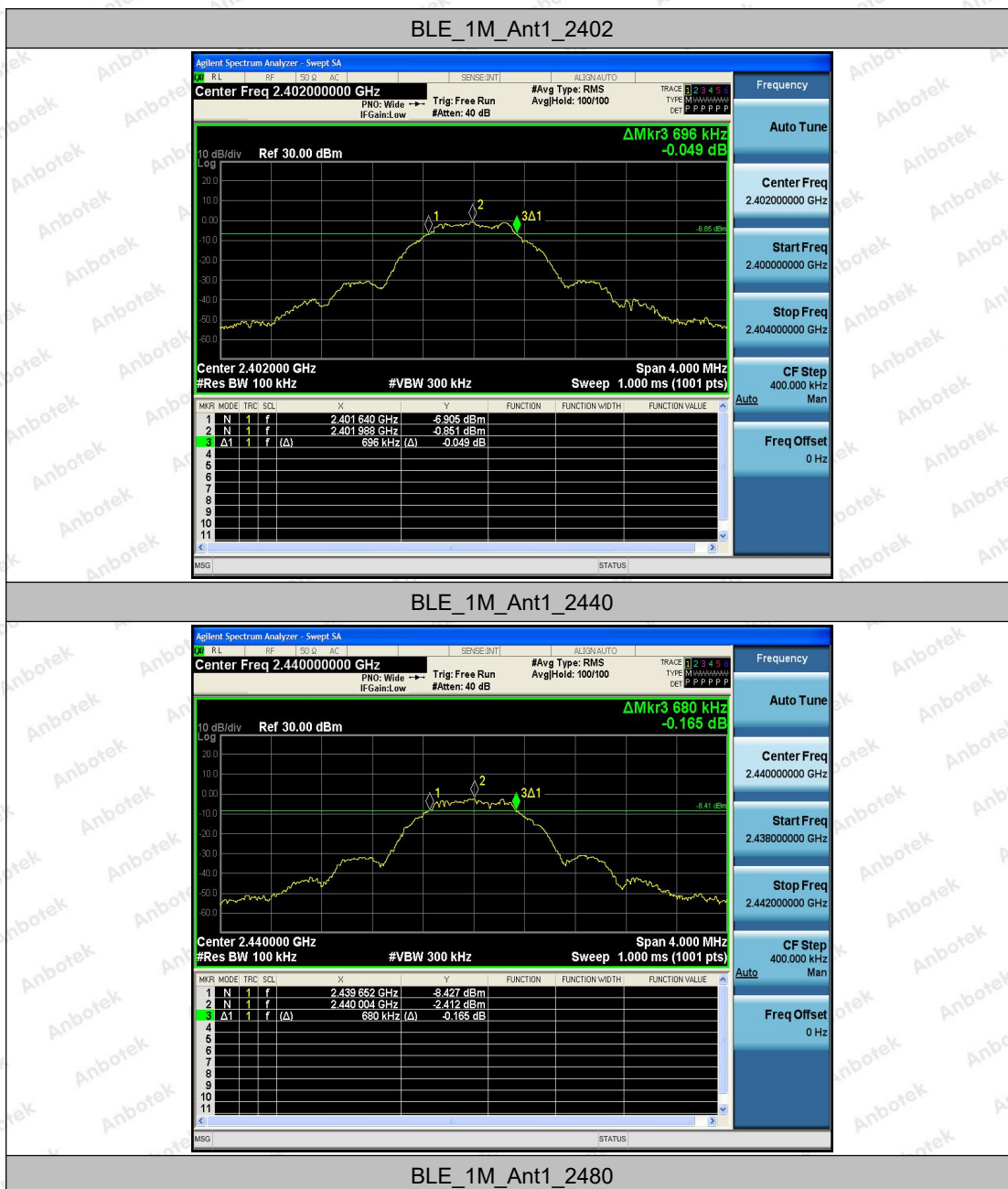
Project No.:	18220WC10171902	Test Date:	2021.8.11
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.640	2402.336	≥0.5	PASS
		2440	0.680	2439.652	2440.332	≥0.5	PASS
		2480	0.700	2479.636	2480.336	≥0.5	PASS

Test Graphs



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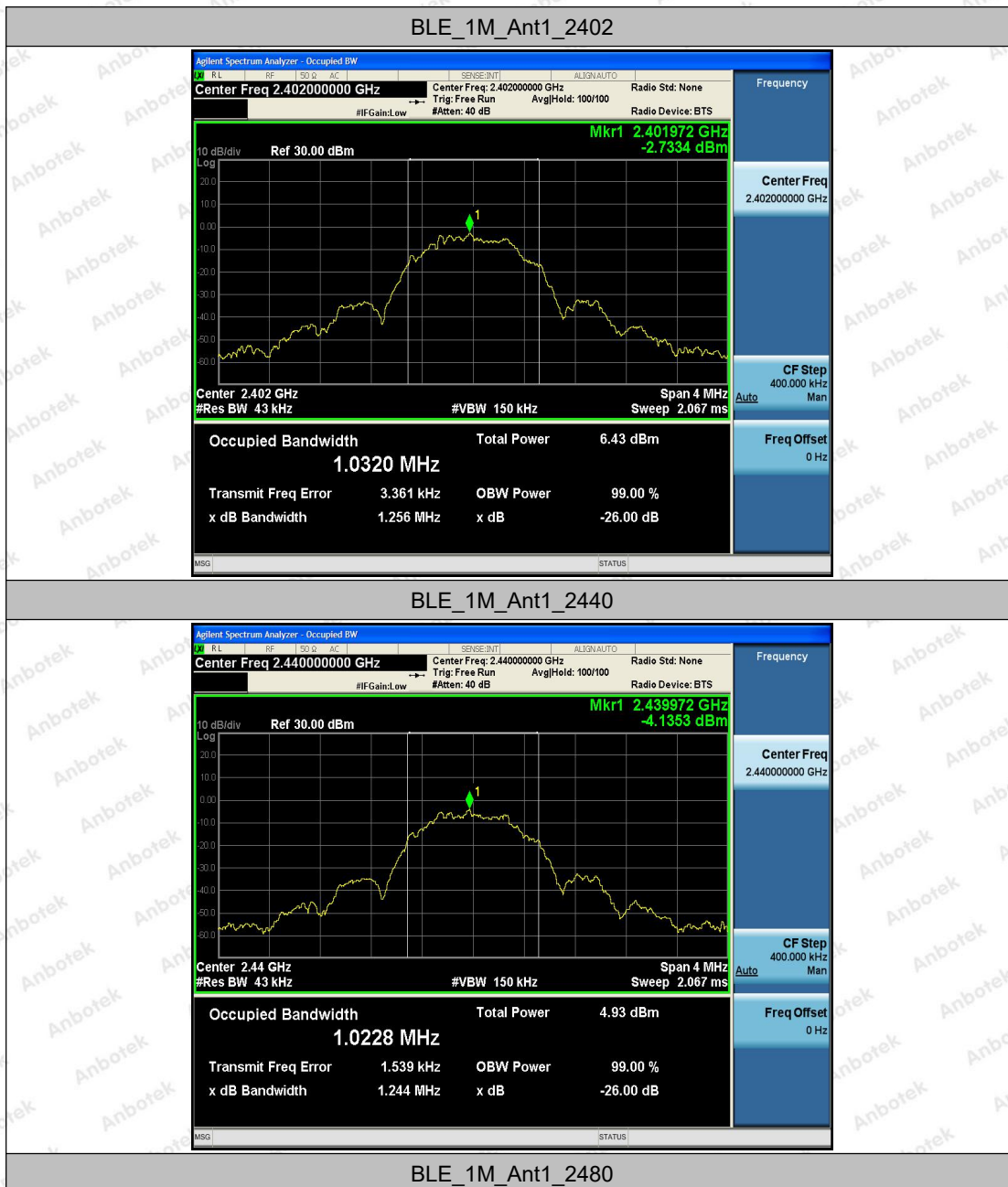
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0320	2401.487	2402.519	---	PASS
		2440	1.0228	2439.490	2440.513	---	PASS
		2480	1.0237	2479.491	2480.515	---	PASS

Test Graphs



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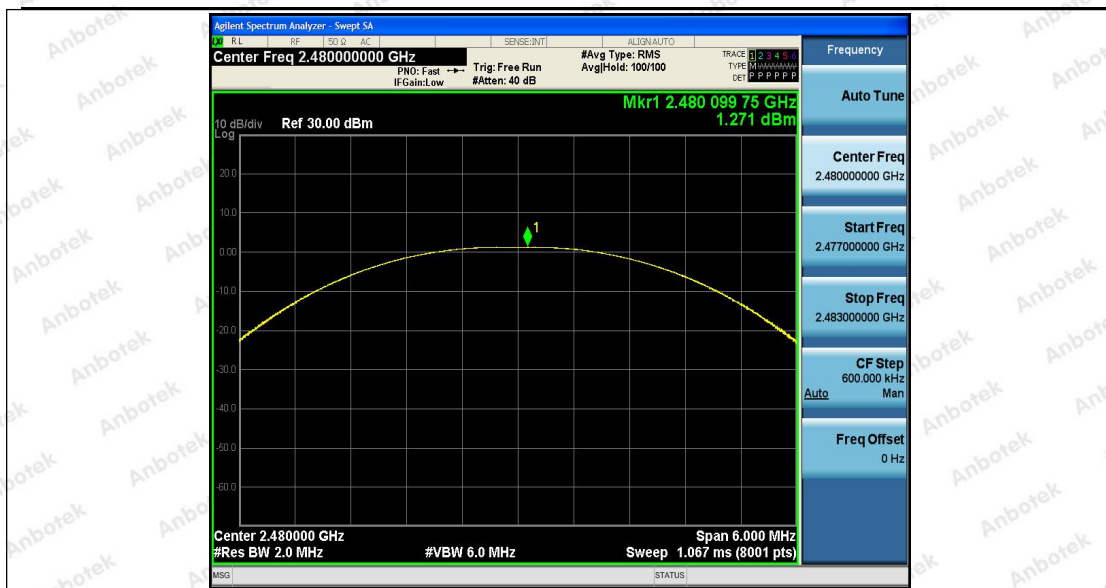
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.02	≤30	PASS
		2440	-1.4	≤30	PASS
		2480	1.27	≤30	PASS



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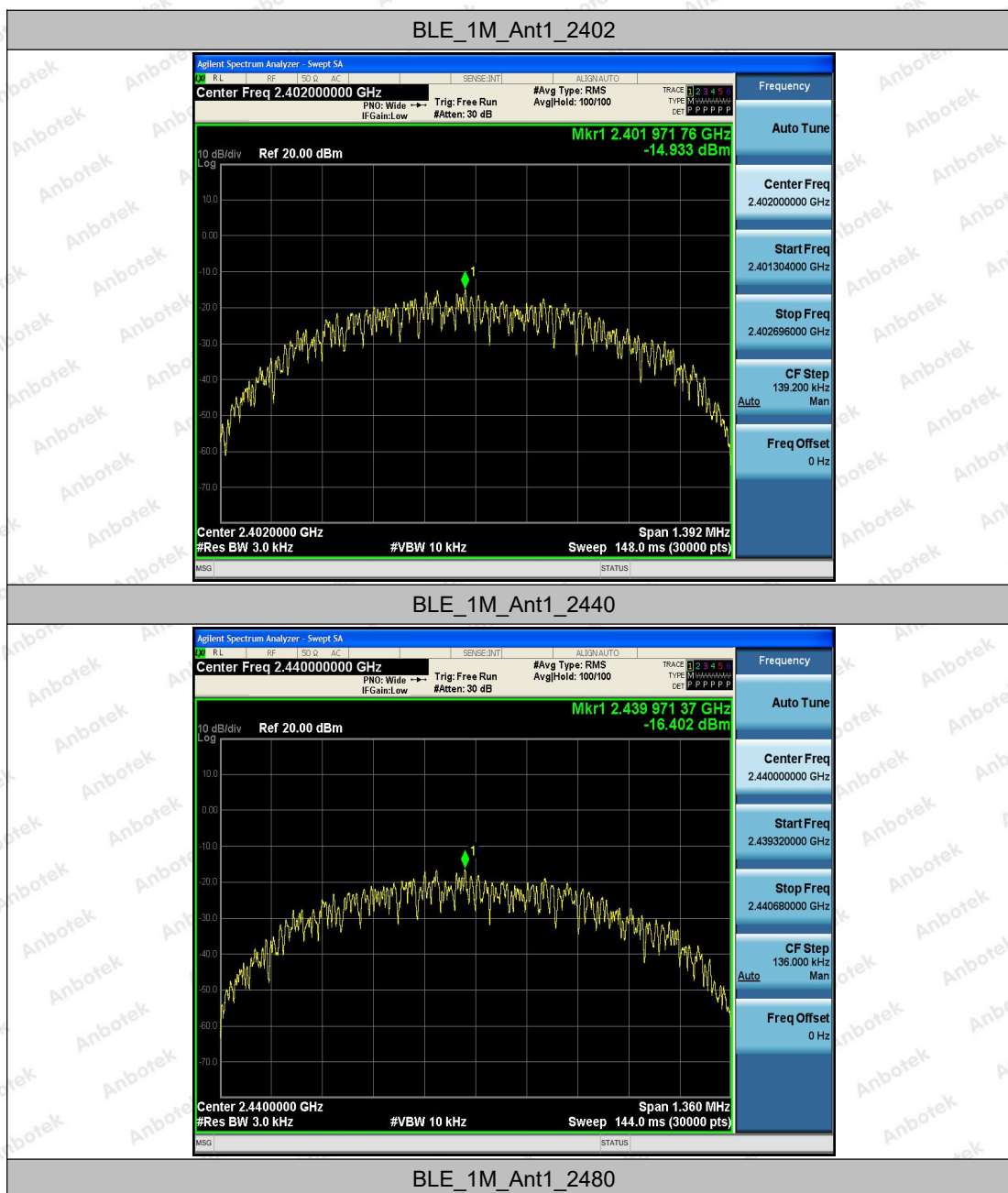
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.93	≤8	PASS
		2440	-16.4	≤8	PASS
		2480	-13.7	≤8	PASS

Test Graphs



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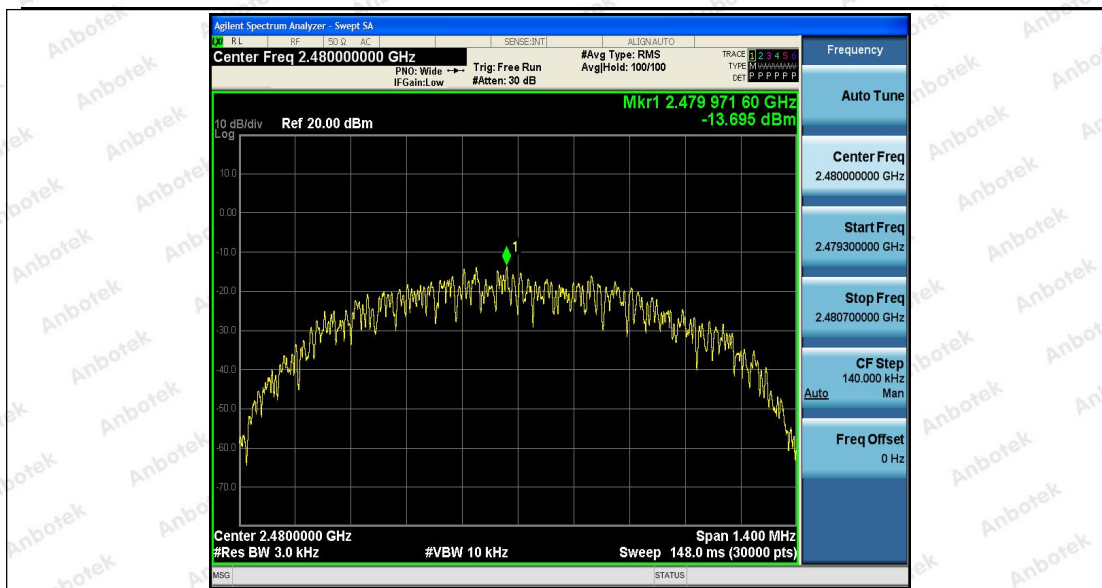
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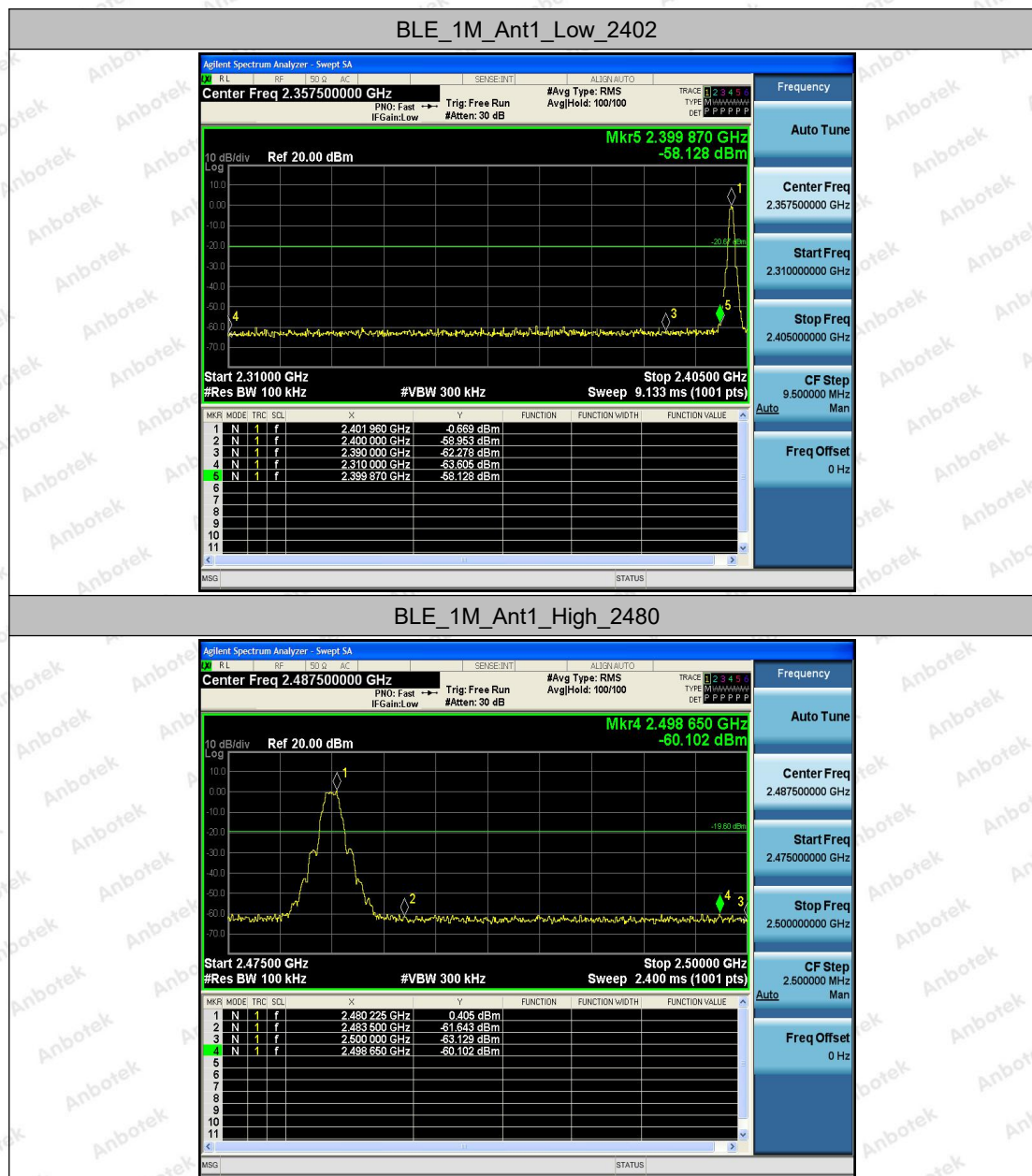
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.67	-58.13	≤ -20.67	PASS
		High	2480	0.41	-60.1	≤ -19.6	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

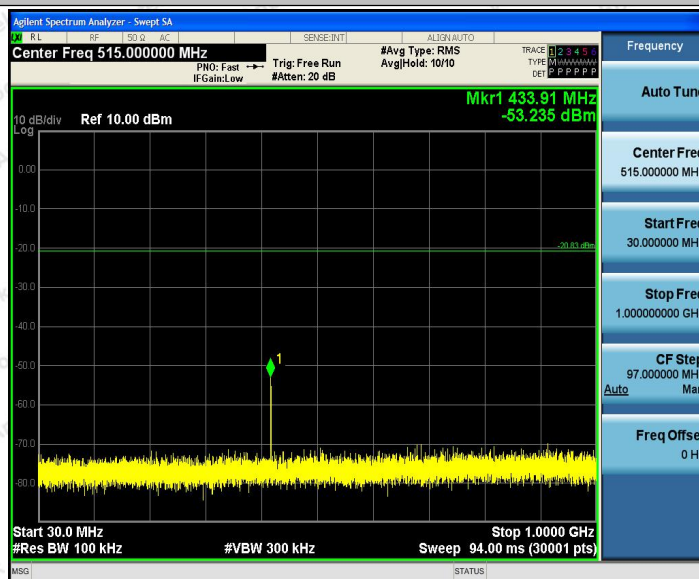
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.83	-0.83	---	PASS
			30~1000	-0.83	-53.24	≤-20.83	PASS
			1000~265 00	-0.83	-42.32	≤-20.83	PASS
		2440	Reference	-2.30	-2.30	---	PASS
			30~1000	-2.30	-69.63	≤-22.3	PASS
			1000~265 00	-2.30	-43.62	≤-22.3	PASS
		2480	Reference	0.08	0.08	---	PASS
			30~1000	0.08	-70.05	≤-19.92	PASS
			1000~265 00	0.08	-48.93	≤-19.92	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



BLE_1M_Ant1_2402_1000~26500

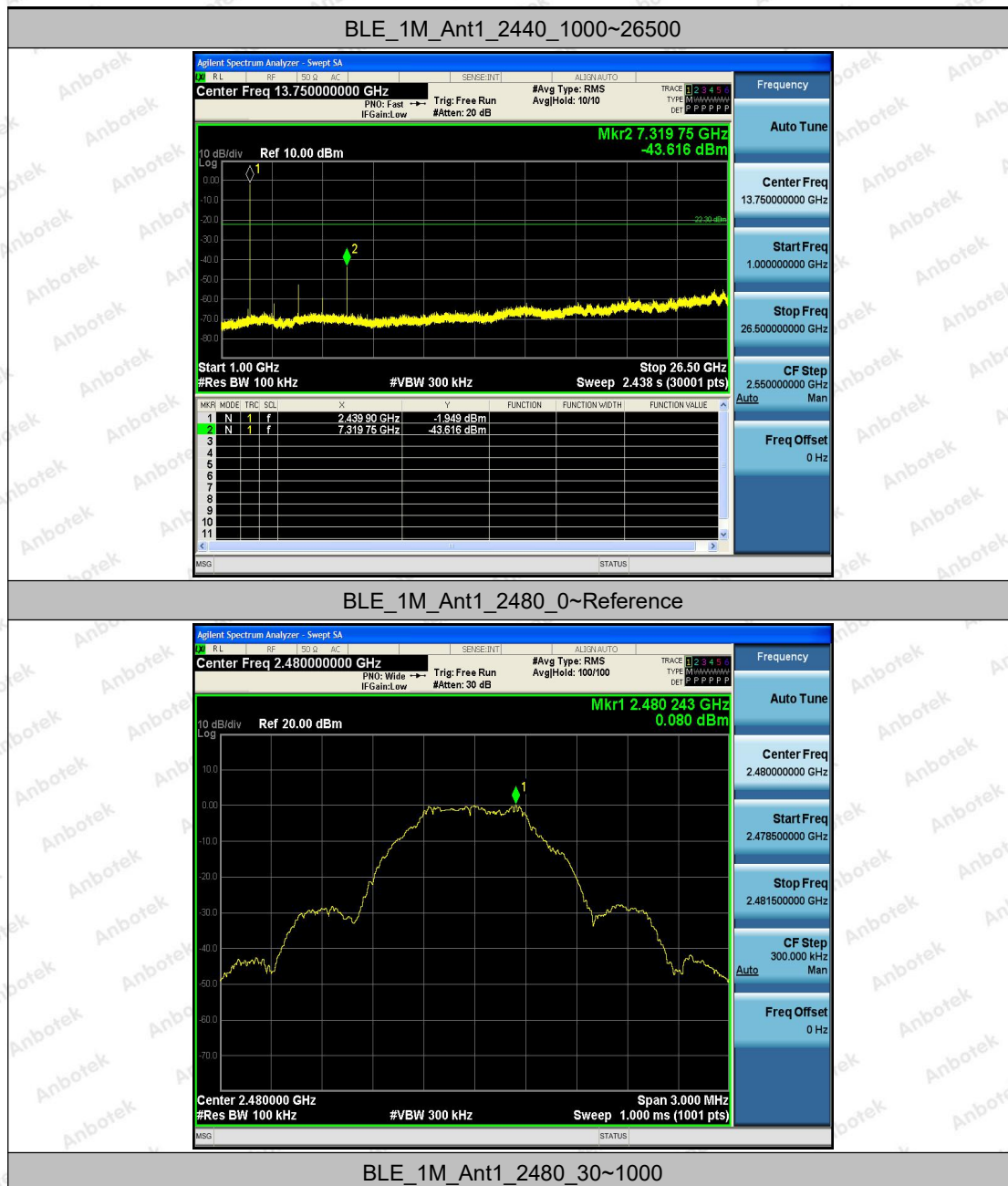


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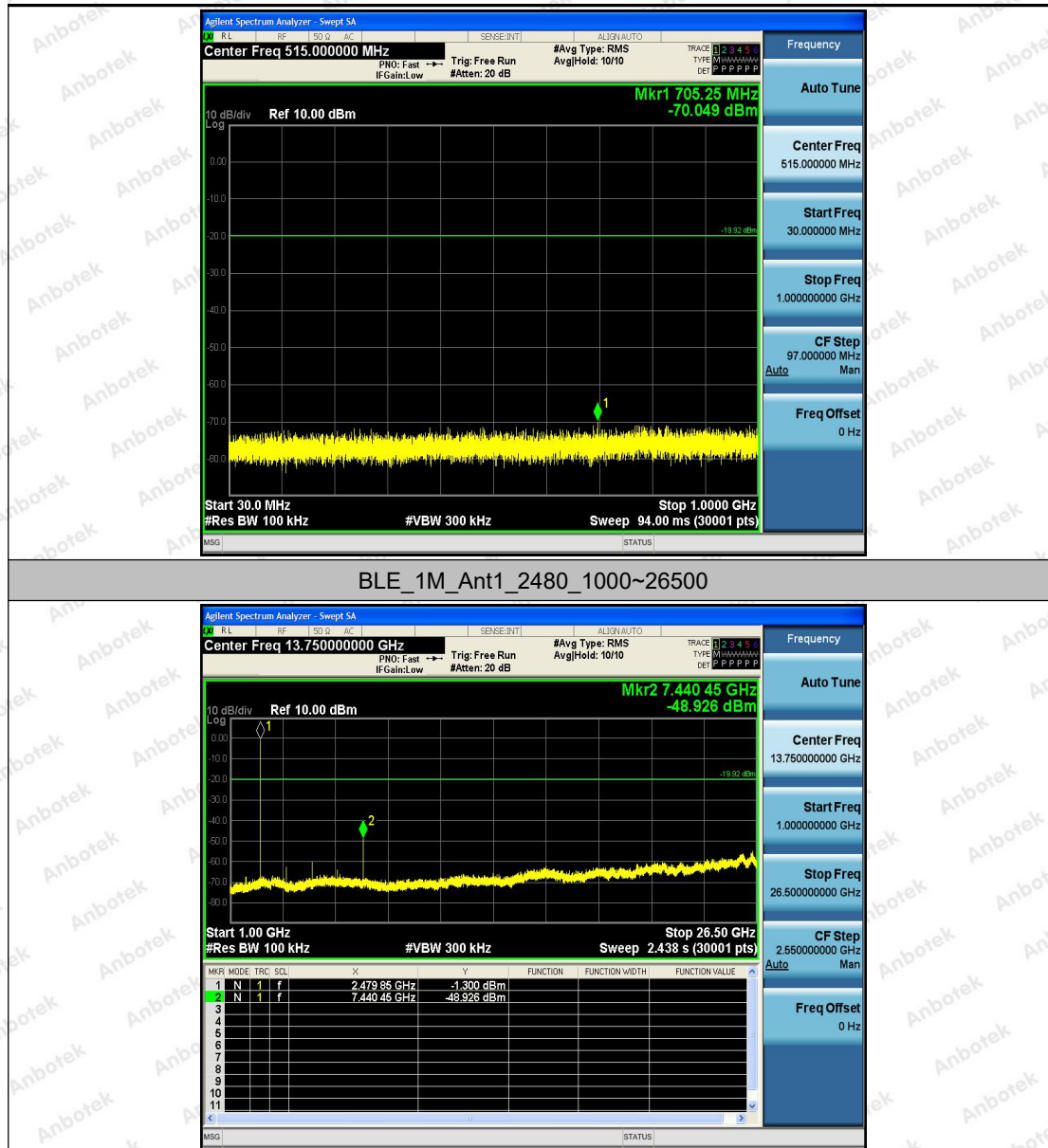


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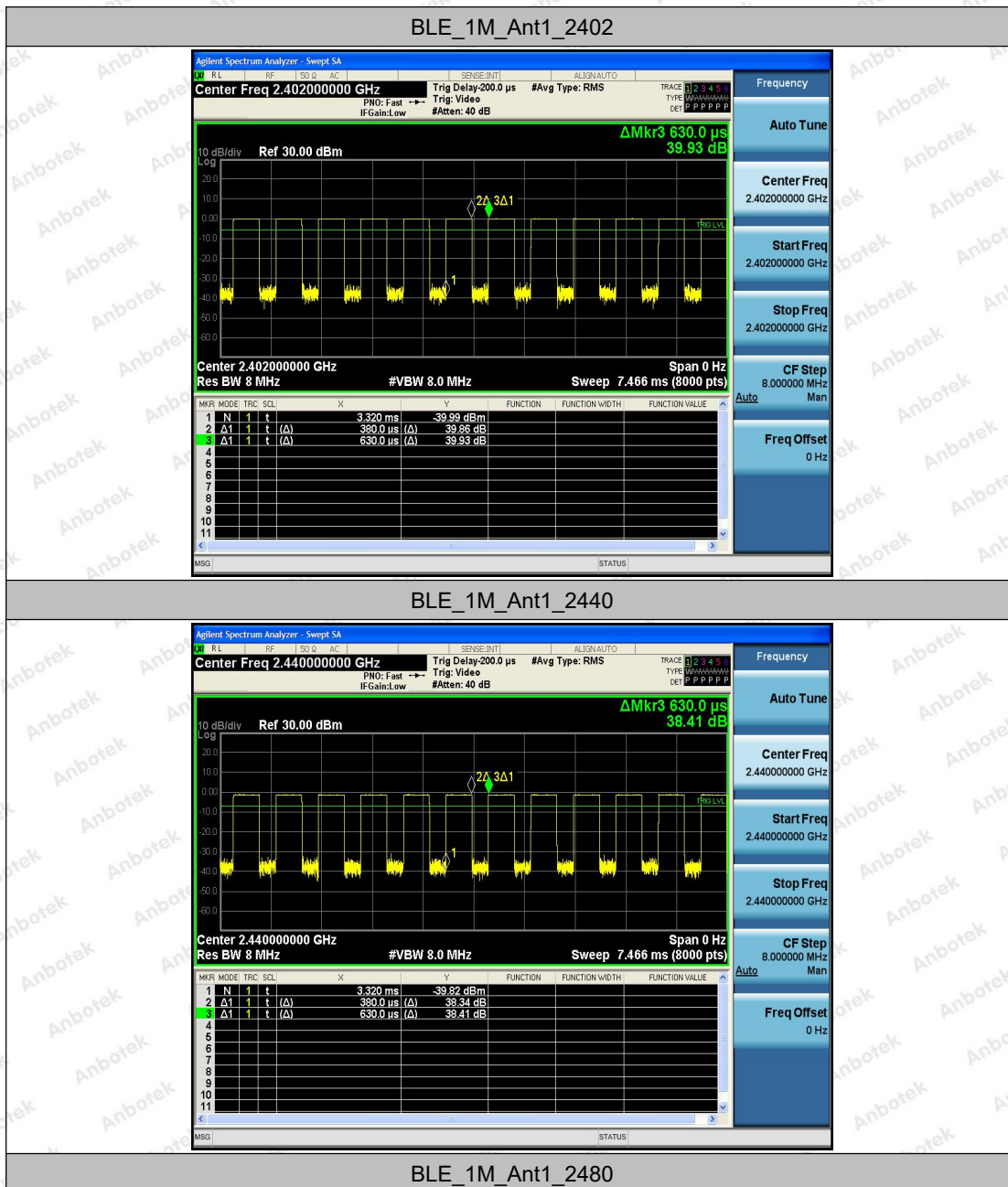
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.603 2	60.32	2.20	---	PASS
		2440	0.38	0.63	0.603 2	60.32	2.20	---	PASS
		2480	0.38	0.62	0.612 9	61.29	2.13	---	PASS

Test Graphs

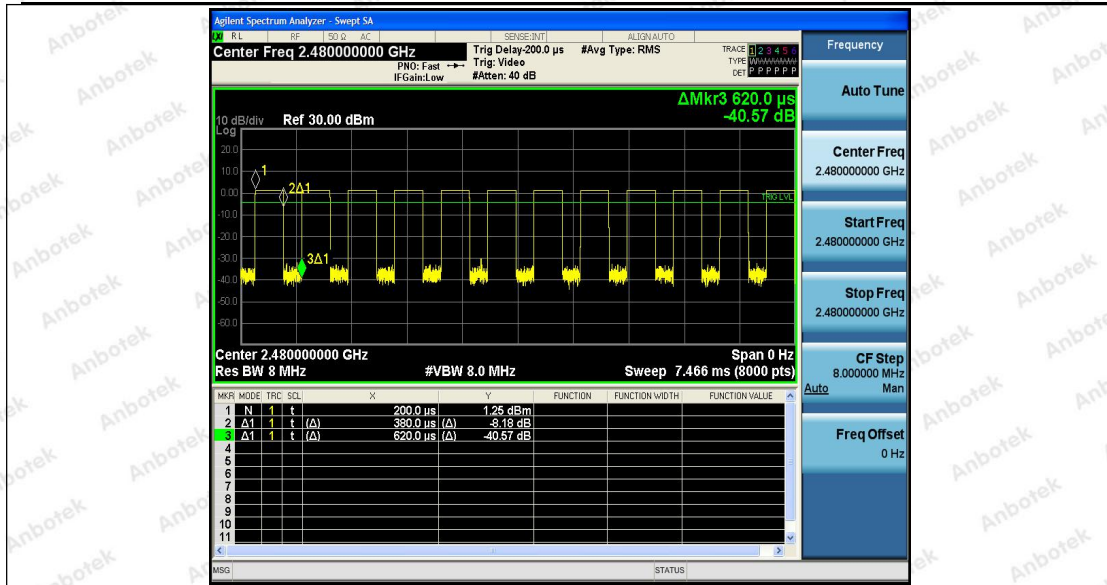


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