

Appendix Test Data

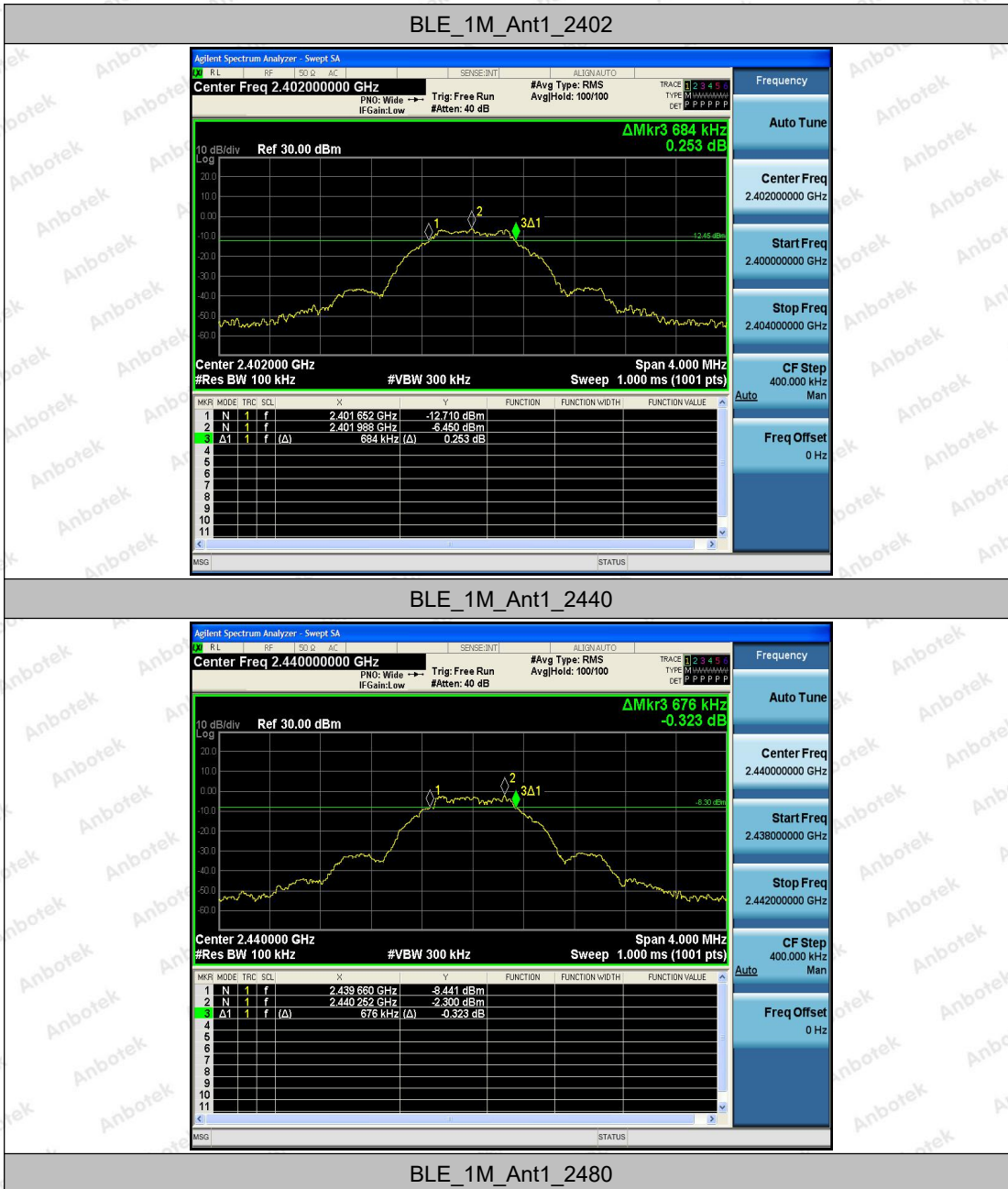
Report No.:	18220WC20004901	Test Sample No.:	1-2-2
Start Test Date:	2022.1.7	Finish Test Date:	2022.1.11
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.684	2401.652	2402.336	≥0.5	PASS
		2440	0.676	2439.660	2440.336	≥0.5	PASS
		2480	0.656	2479.672	2480.328	≥0.5	PASS

Test Graphs





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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	1.0330	2401.493	2402.526	---	PASS
		2440	1.0328	2439.490	2440.523	---	PASS
		2480	1.0245	2479.495	2480.519	---	PASS

Test Graphs



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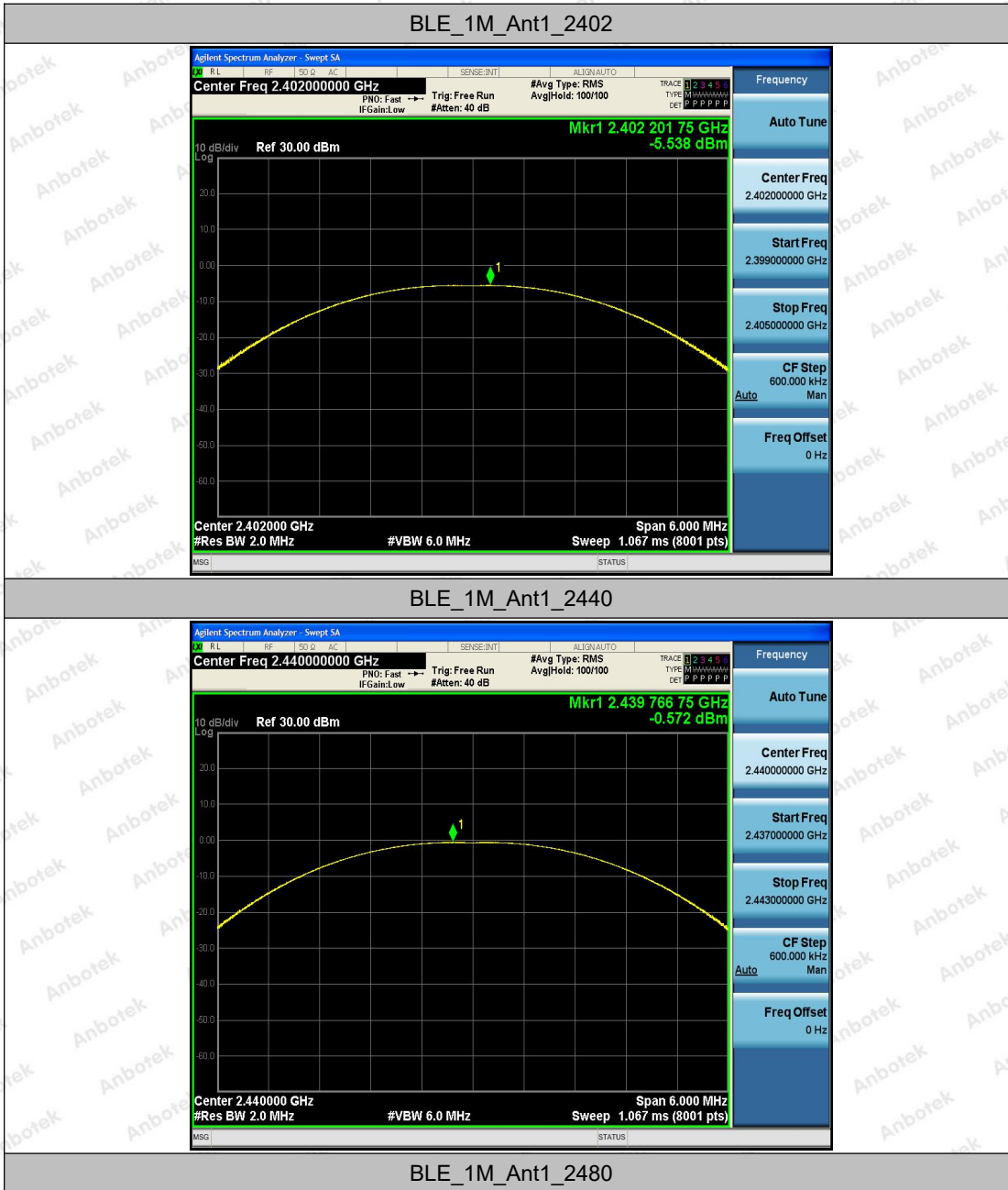
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-5.54	≤30	PASS
		2440	-0.57	≤30	PASS
		2480	0.3	≤30	PASS

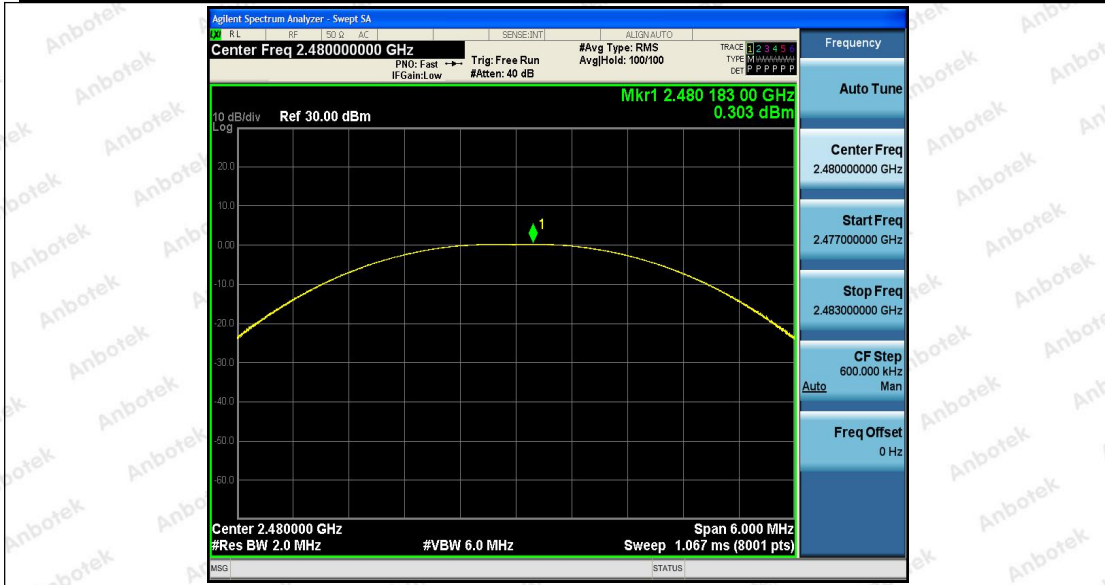
Test Graphs



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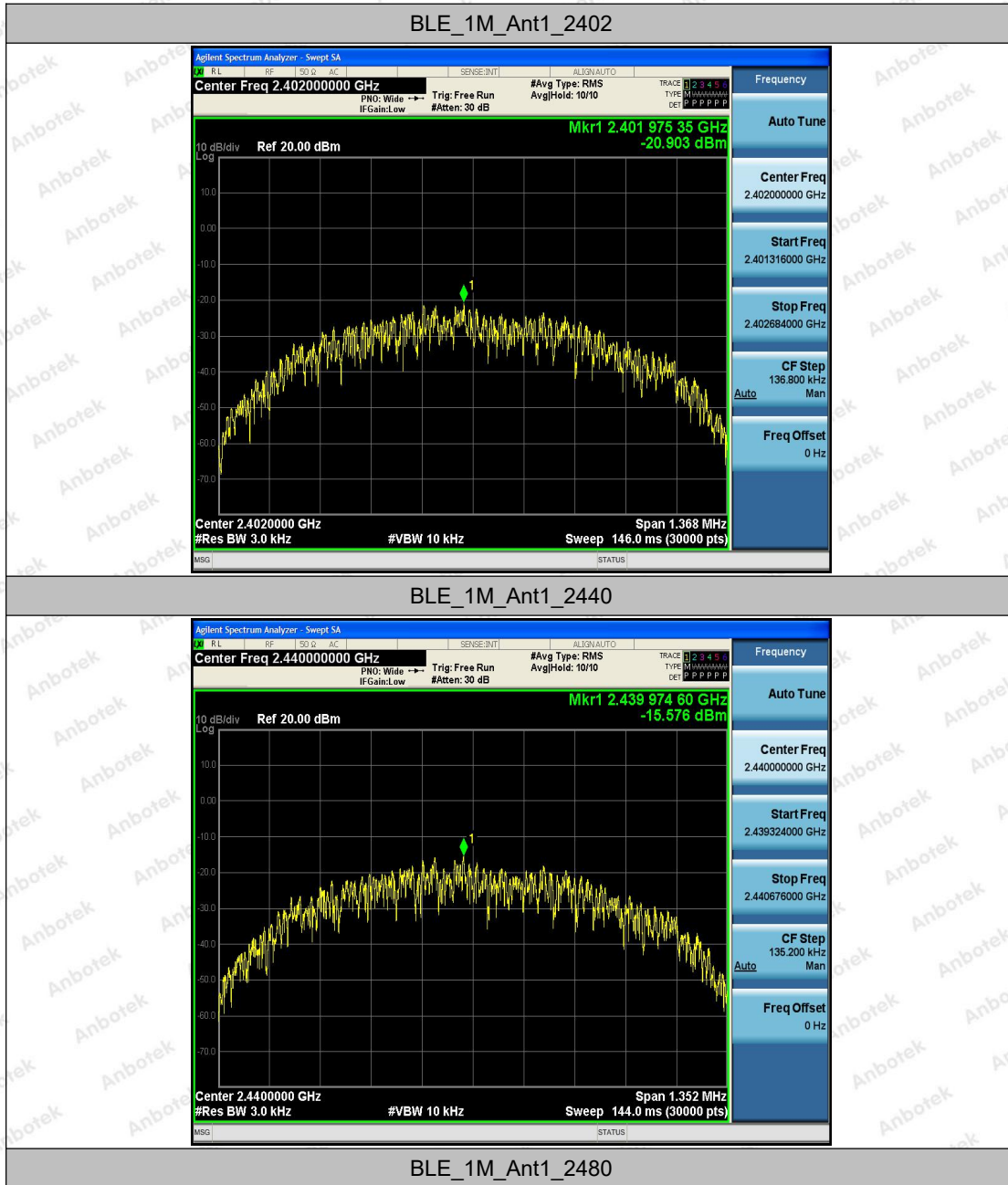
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-20.9	≤ 8	PASS
		2440	-15.58	≤ 8	PASS
		2480	-14.84	≤ 8	PASS

Test Graphs



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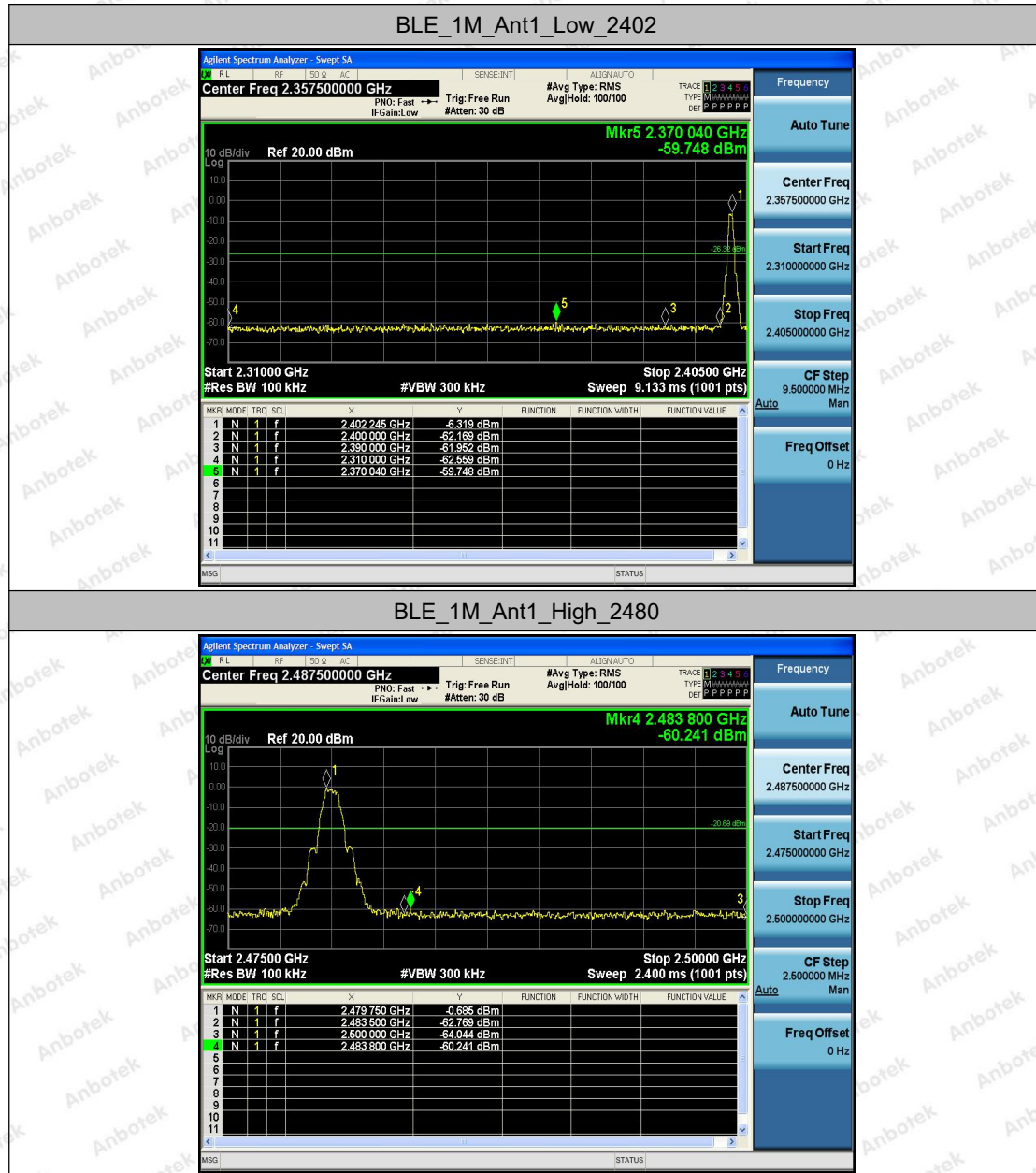
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-6.32	-59.75	≤-26.32	PASS
		High	2480	-0.69	-60.24	≤-20.69	PASS

Test Graphs



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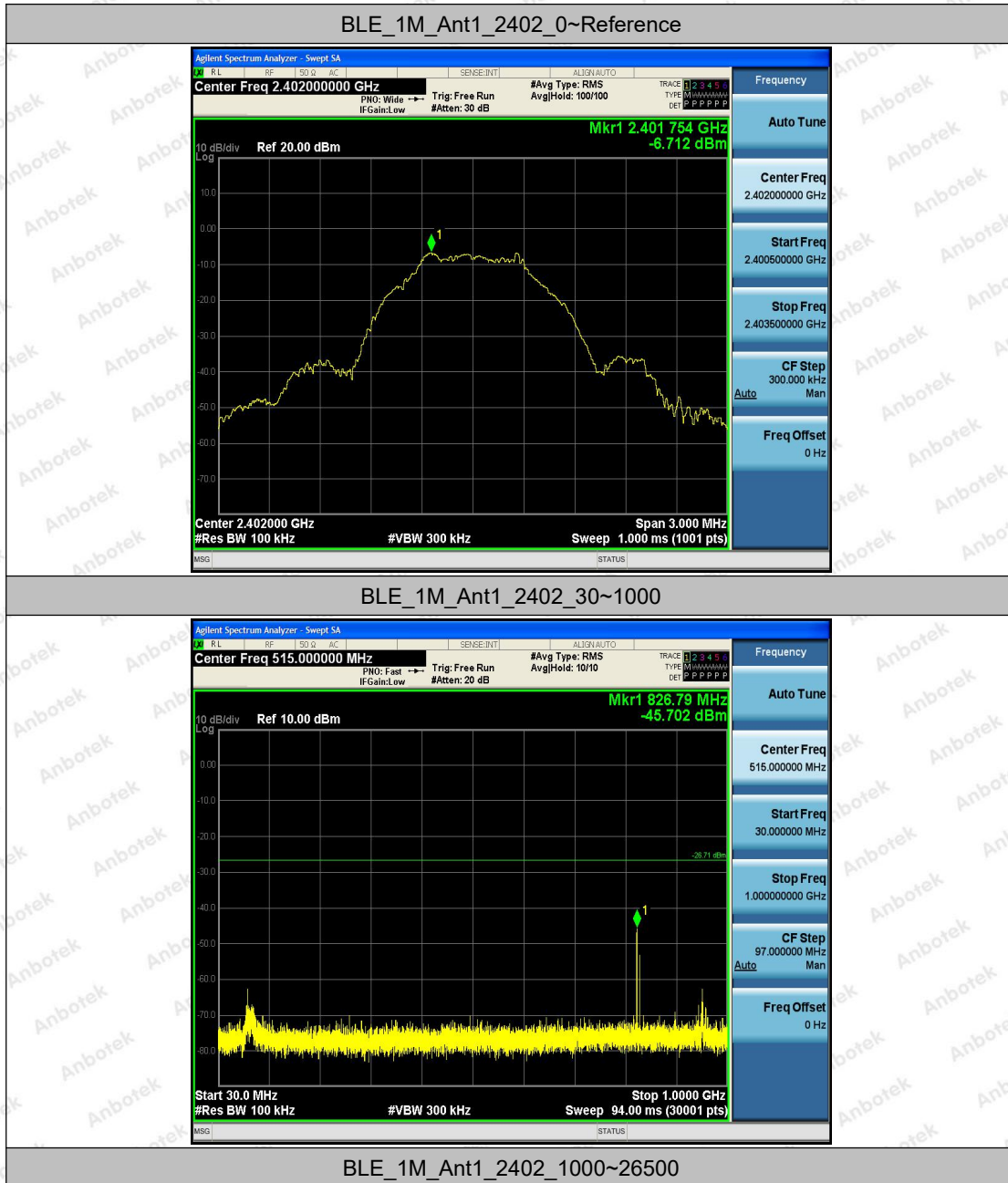
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-6.71	-6.71	---	PASS
			30~1000	-6.71	-45.7	≤-26.71	PASS
			1000~265 00	-6.71	-44.87	≤-26.71	PASS
		2440	Reference	-1.42	-1.42	---	PASS
			30~1000	-1.42	-69.71	≤-21.42	PASS
			1000~265 00	-1.42	-46.15	≤-21.42	PASS
		2480	Reference	-0.23	-0.23	---	PASS
			30~1000	-0.23	-59.71	≤-20.23	PASS
			1000~265 00	-0.23	-52.52	≤-20.23	PASS

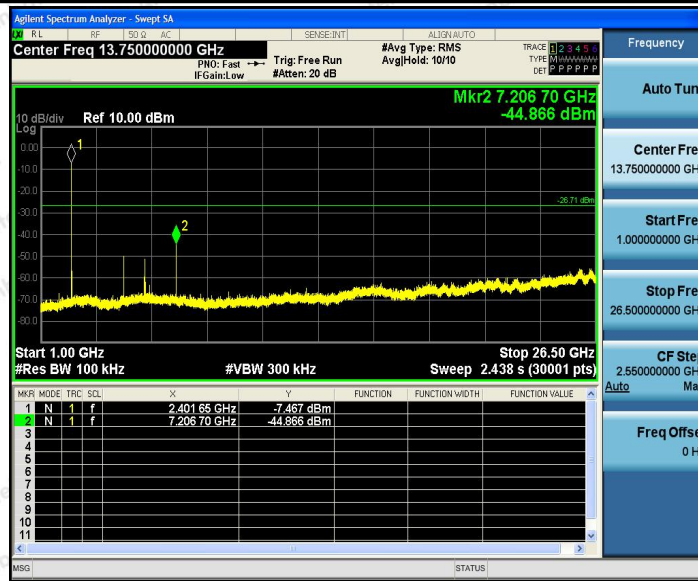
Test Graphs



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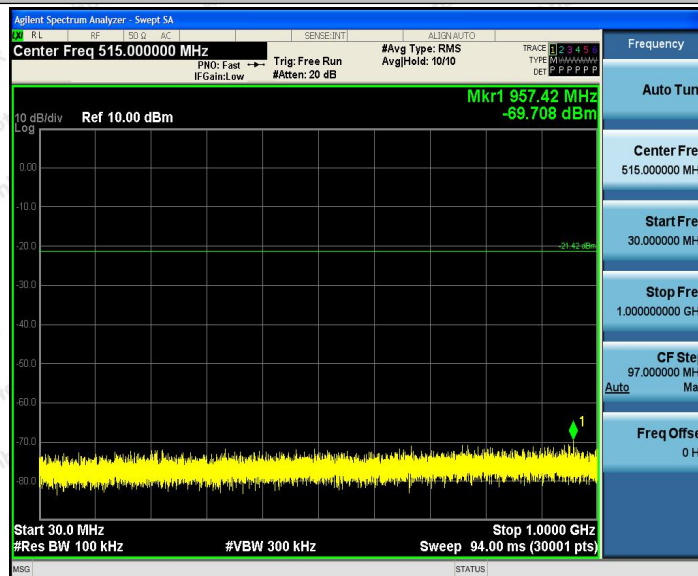
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



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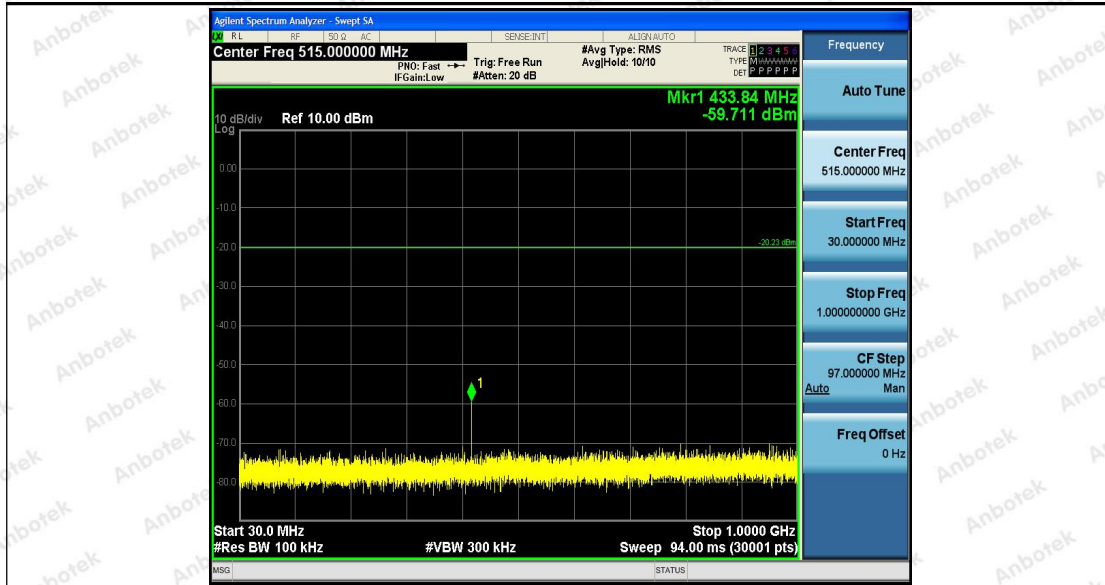
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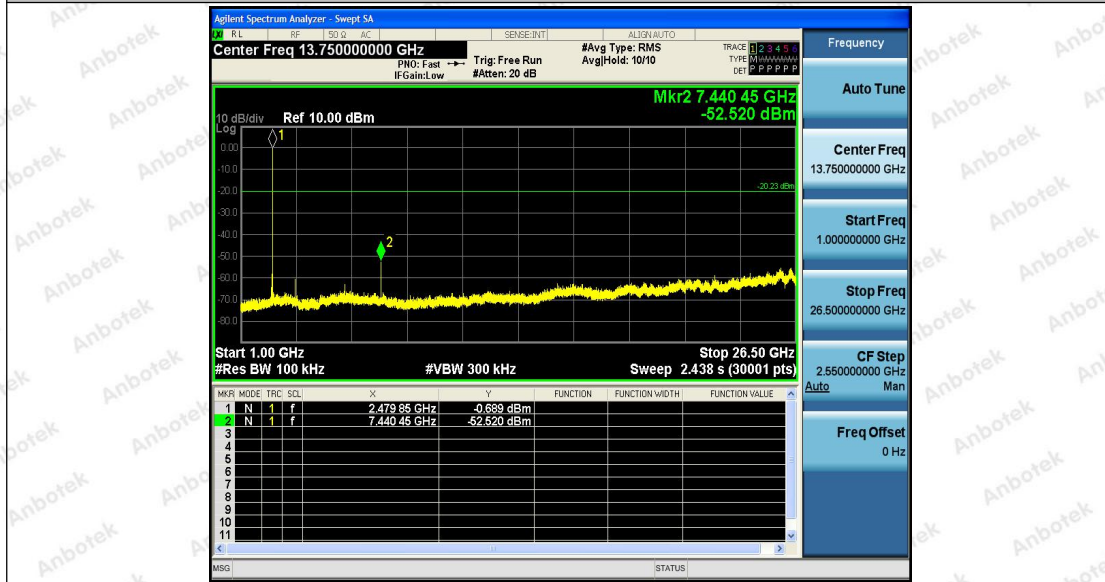
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BLE_1M_Ant1_2480_1000~26500



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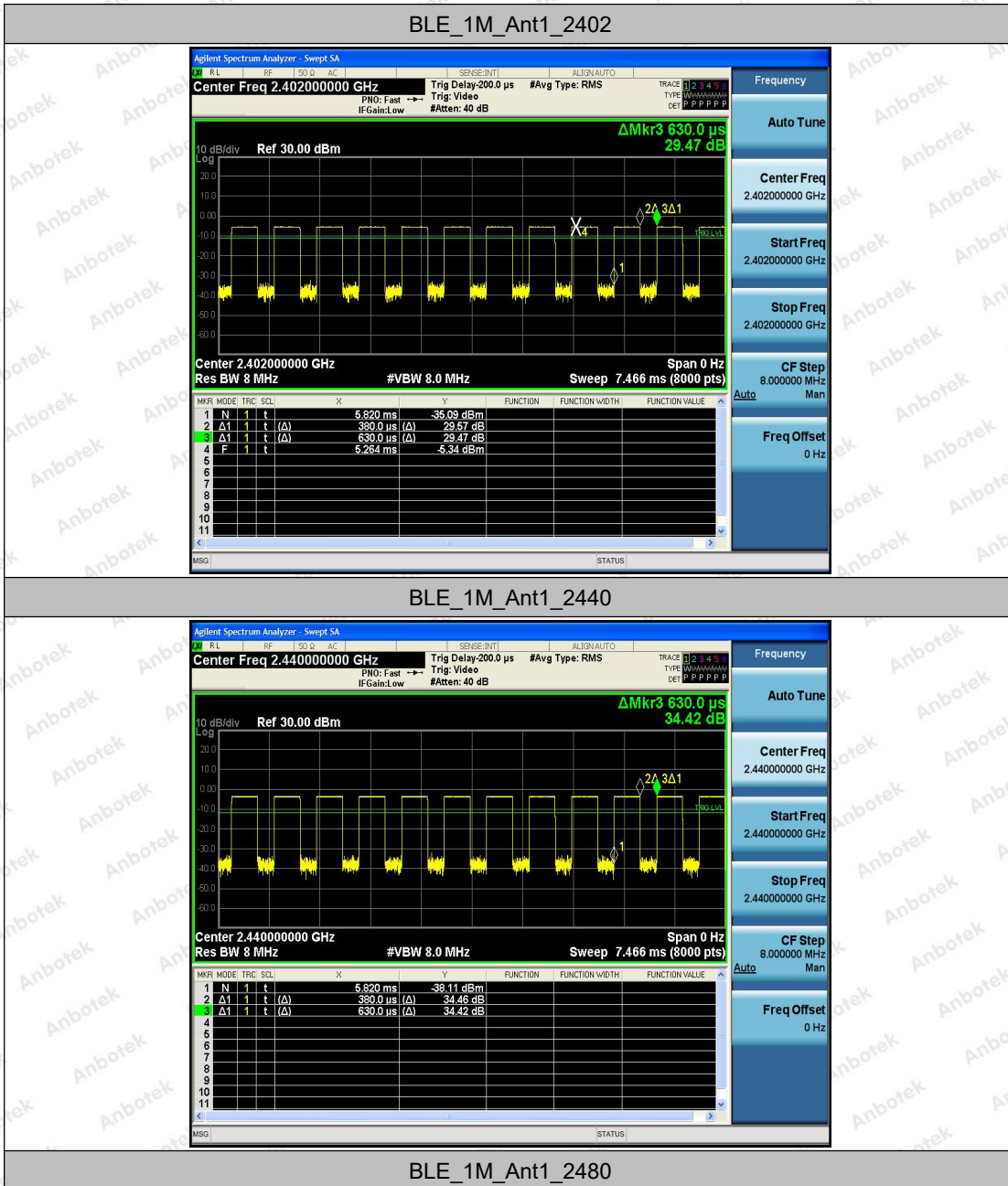
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Appendix G: Duty Cycle

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	0.63	0.603 2	60.32	2.20	---	PASS

Test Graphs

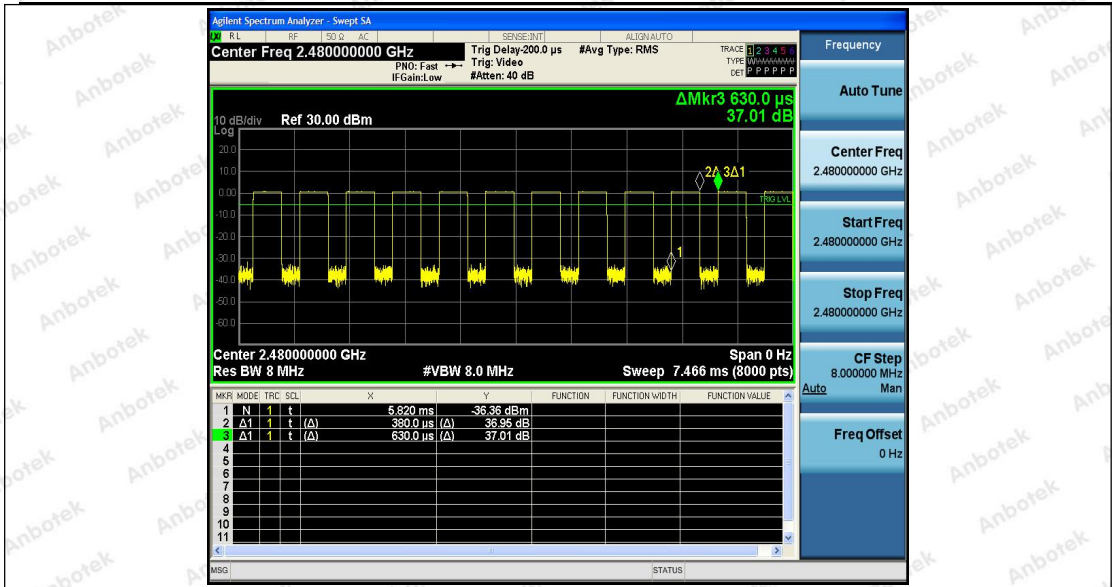


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