

Appendix Test Data

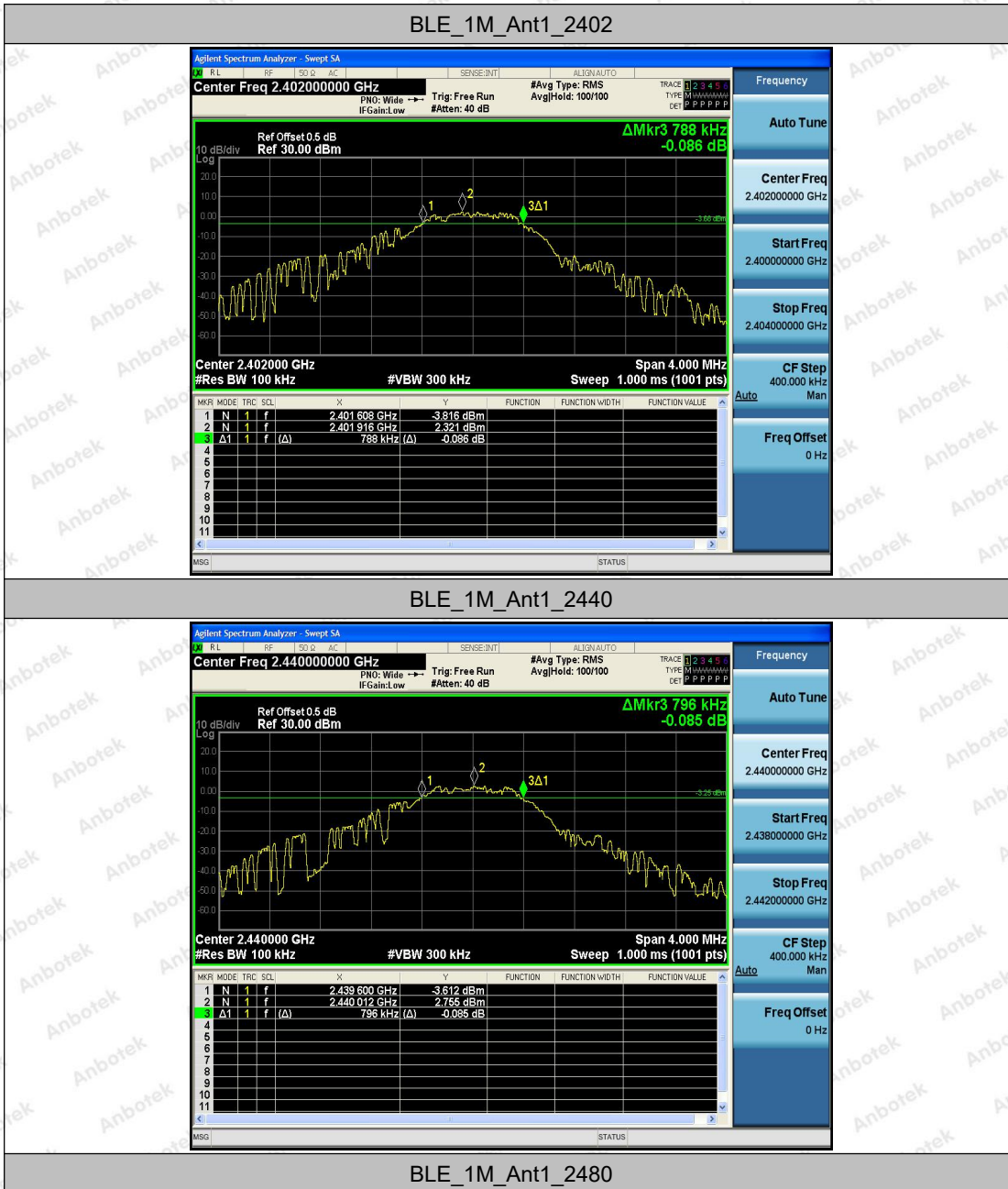
Report No.:	18220WC20130702	Test Sample No.:	1-2-2
Start Test Date:	2022.6.20	Finish Test Date:	2022.6.25
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	22.9°C	Relative Humidity:	53.7 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.788	2401.608	2402.396	≥0.5	PASS
		2440	0.796	2439.600	2440.396	≥0.5	PASS
		2480	0.808	2479.592	2480.400	≥0.5	PASS

Test Graphs





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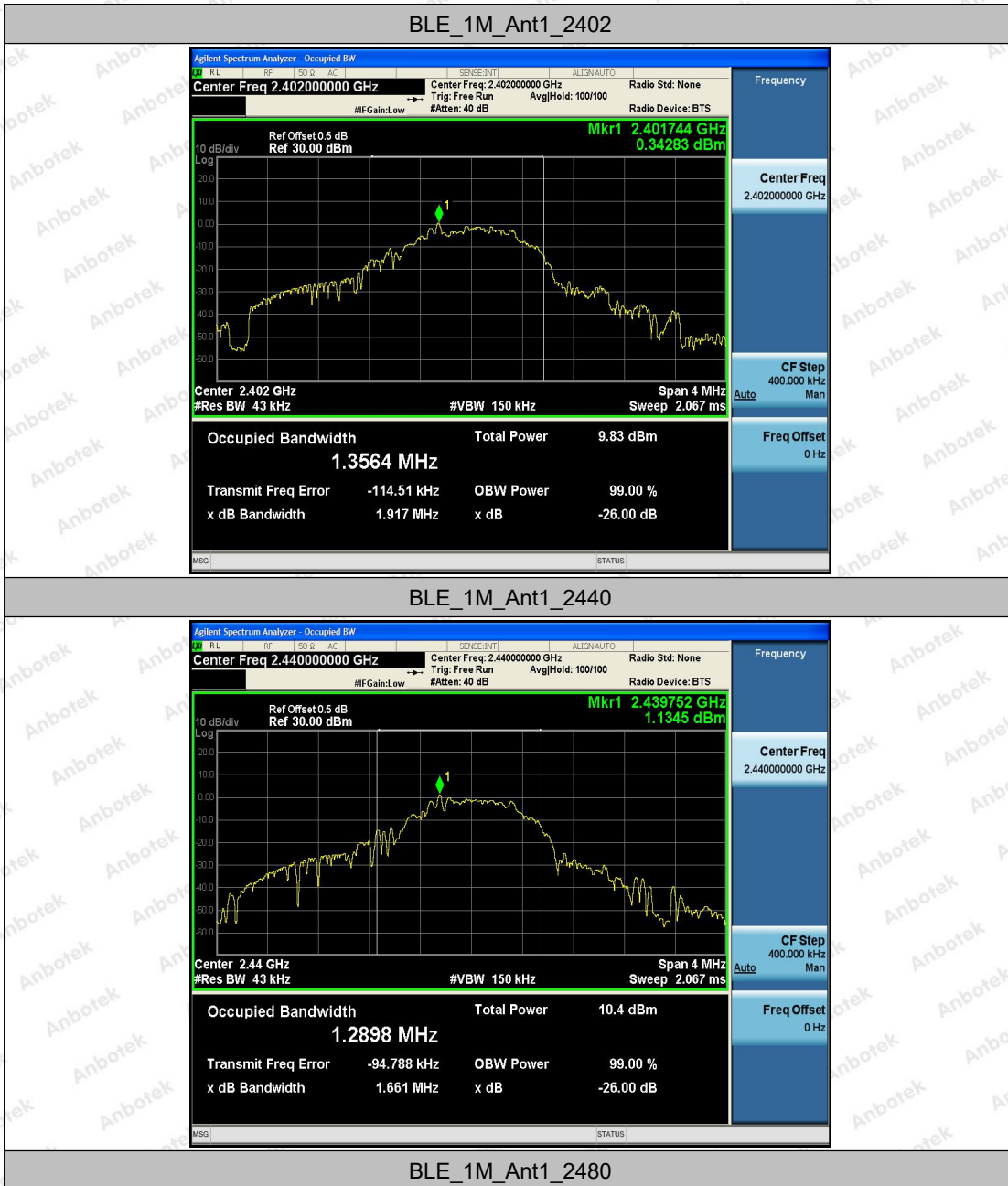
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.3564	2401.207	2402.564	---	PASS
		2440	1.2898	2439.260	2440.550	---	PASS
		2480	1.2565	2479.303	2480.559	---	PASS

Test Graphs





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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.35	≤30	PASS
		2440	4.5	≤30	PASS
		2480	4.42	≤30	PASS

Test Graphs



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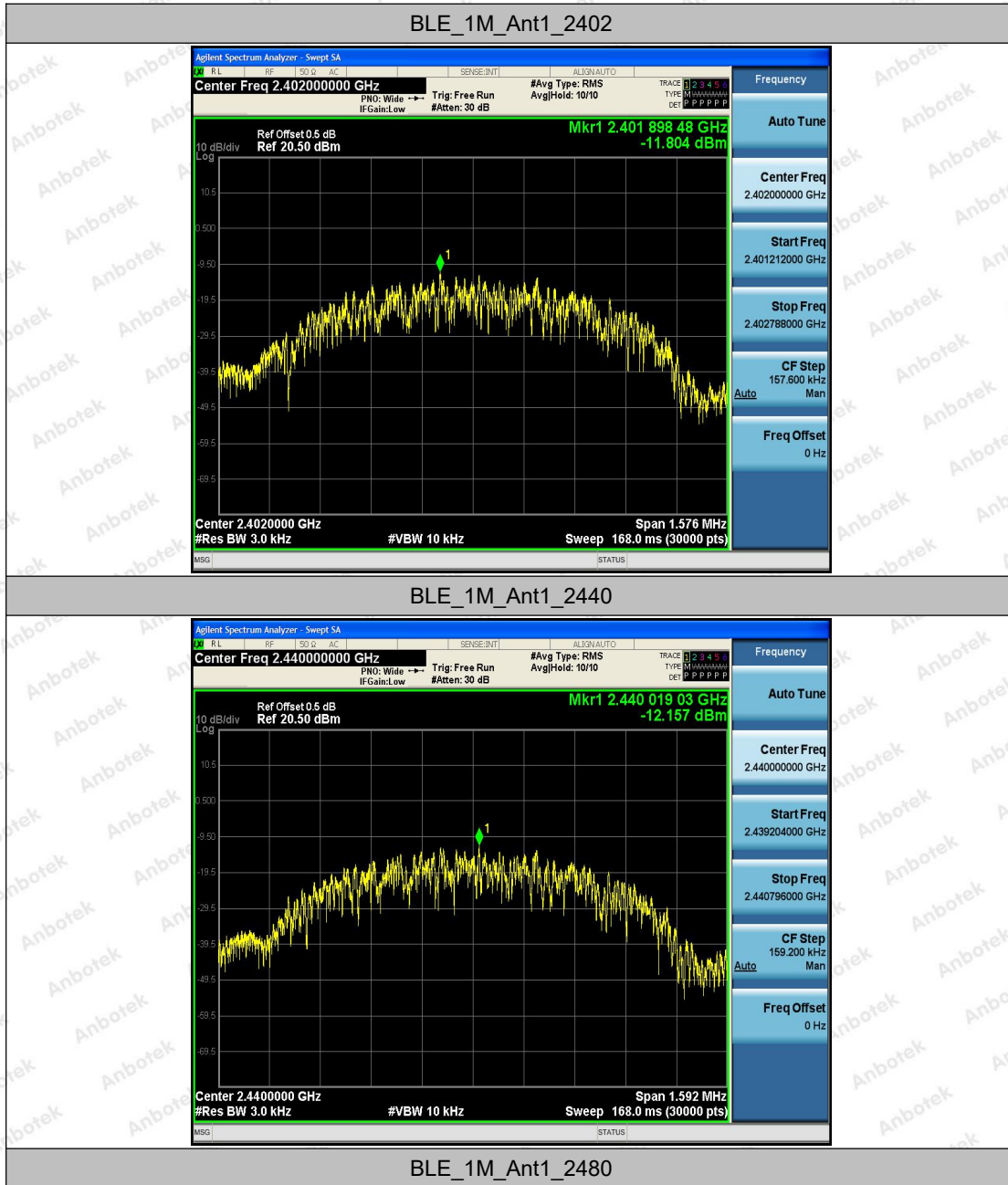
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.8	≤ 8	PASS
		2440	-12.16	≤ 8	PASS
		2480	-12.22	≤ 8	PASS

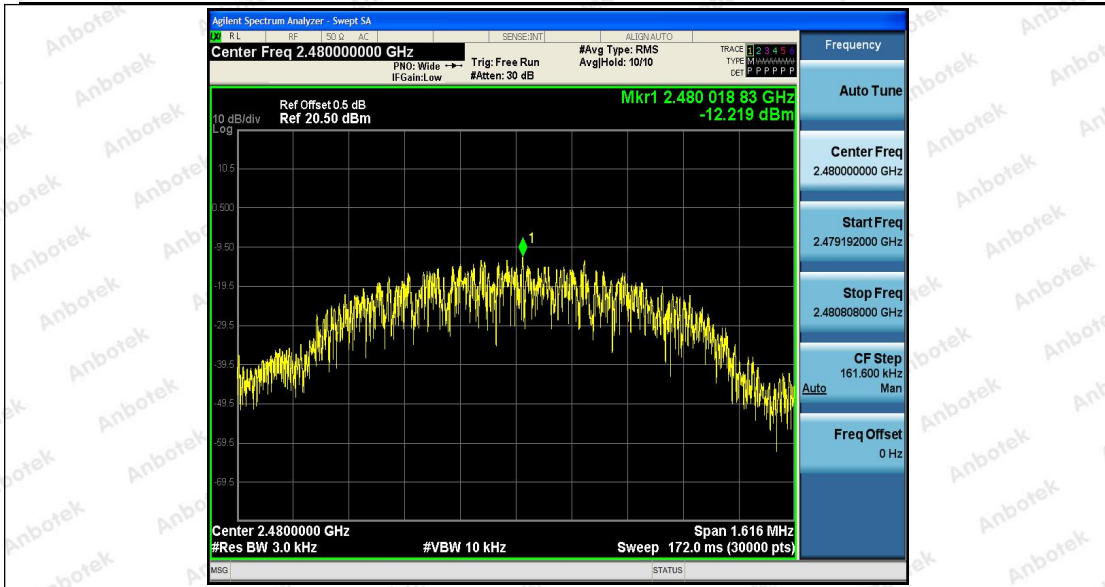
Test Graphs



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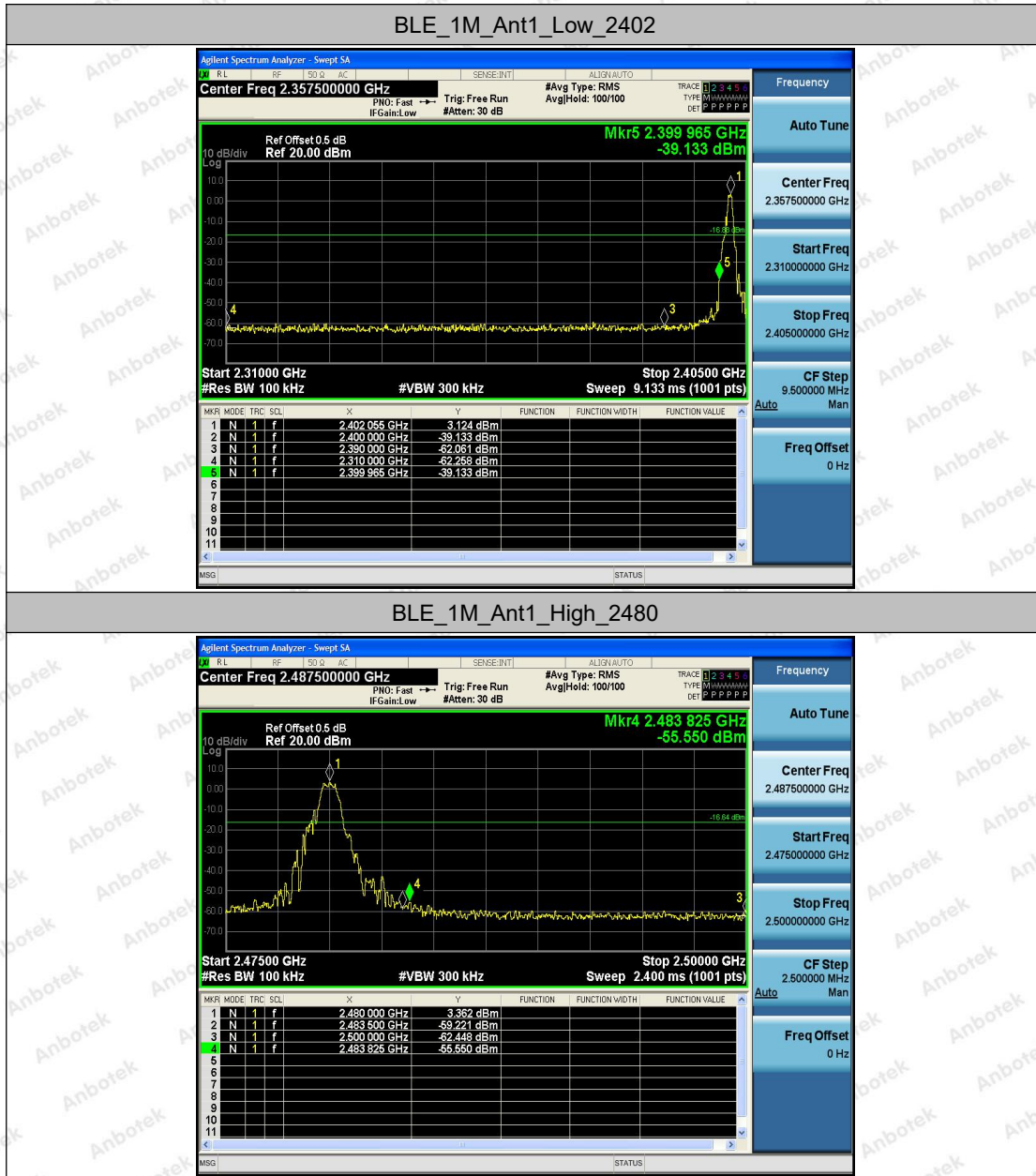
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.12	-39.13	≤-16.88	PASS
		High	2480	3.36	-55.55	≤-16.64	PASS

Test Graphs



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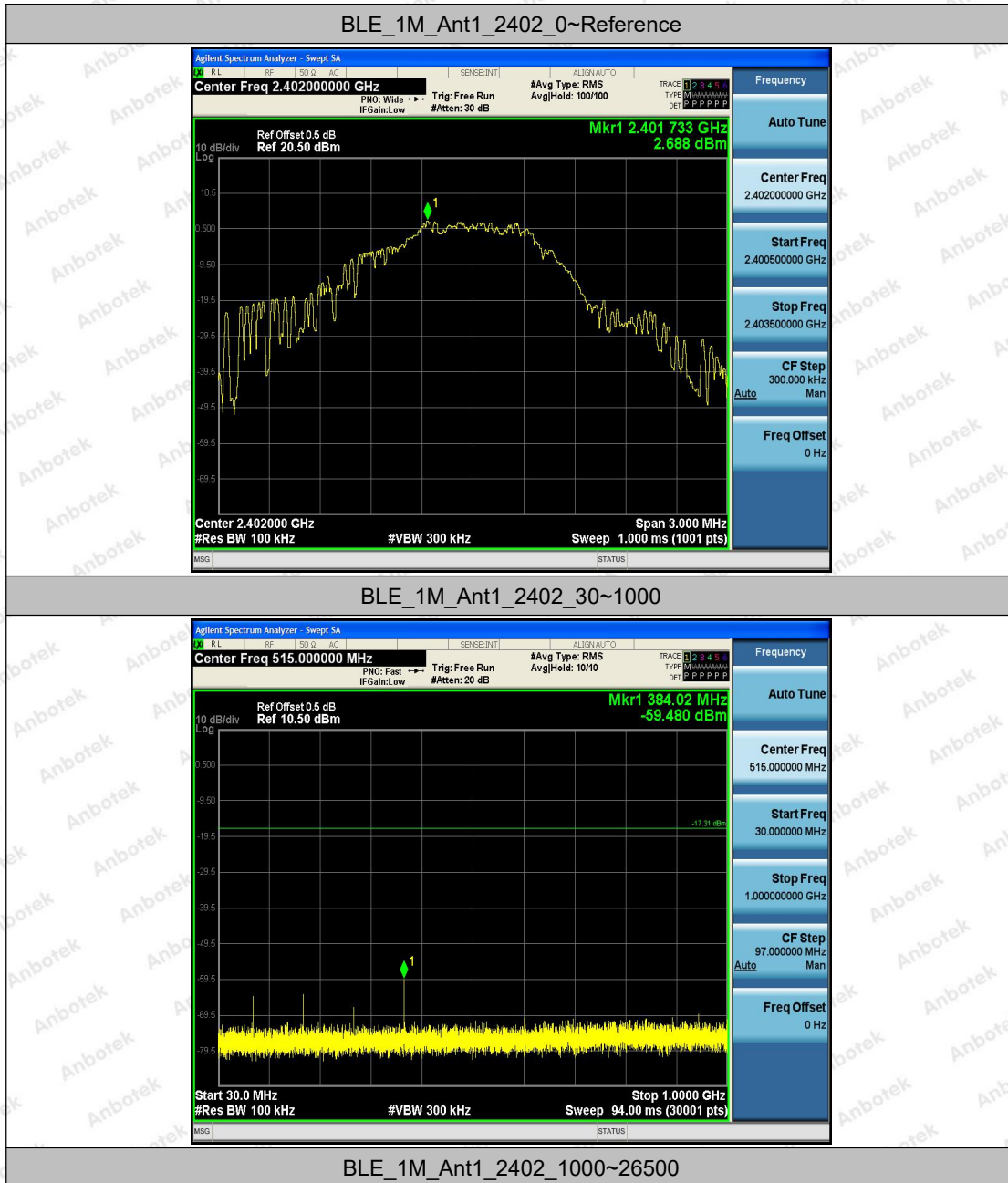
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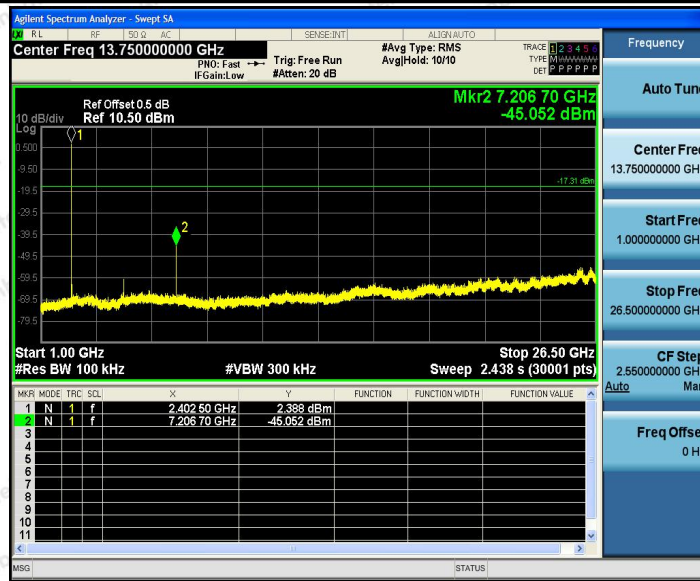
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.69	2.69	---	PASS
			30~1000	2.69	-59.48	≤-17.31	PASS
			1000~265 00	2.69	-45.05	≤-17.31	PASS
		2440	Reference	2.94	2.94	---	PASS
			30~1000	2.94	-60.09	≤-17.06	PASS
			1000~265 00	2.94	-42.36	≤-17.06	PASS
		2480	Reference	2.51	2.51	---	PASS
			30~1000	2.51	-58.41	≤-17.49	PASS
			1000~265 00	2.51	-40.5	≤-17.49	PASS

Test Graphs

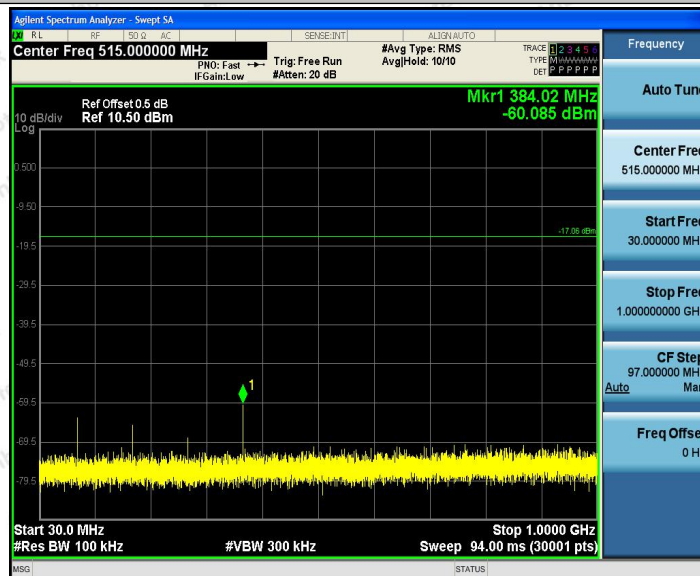




BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000

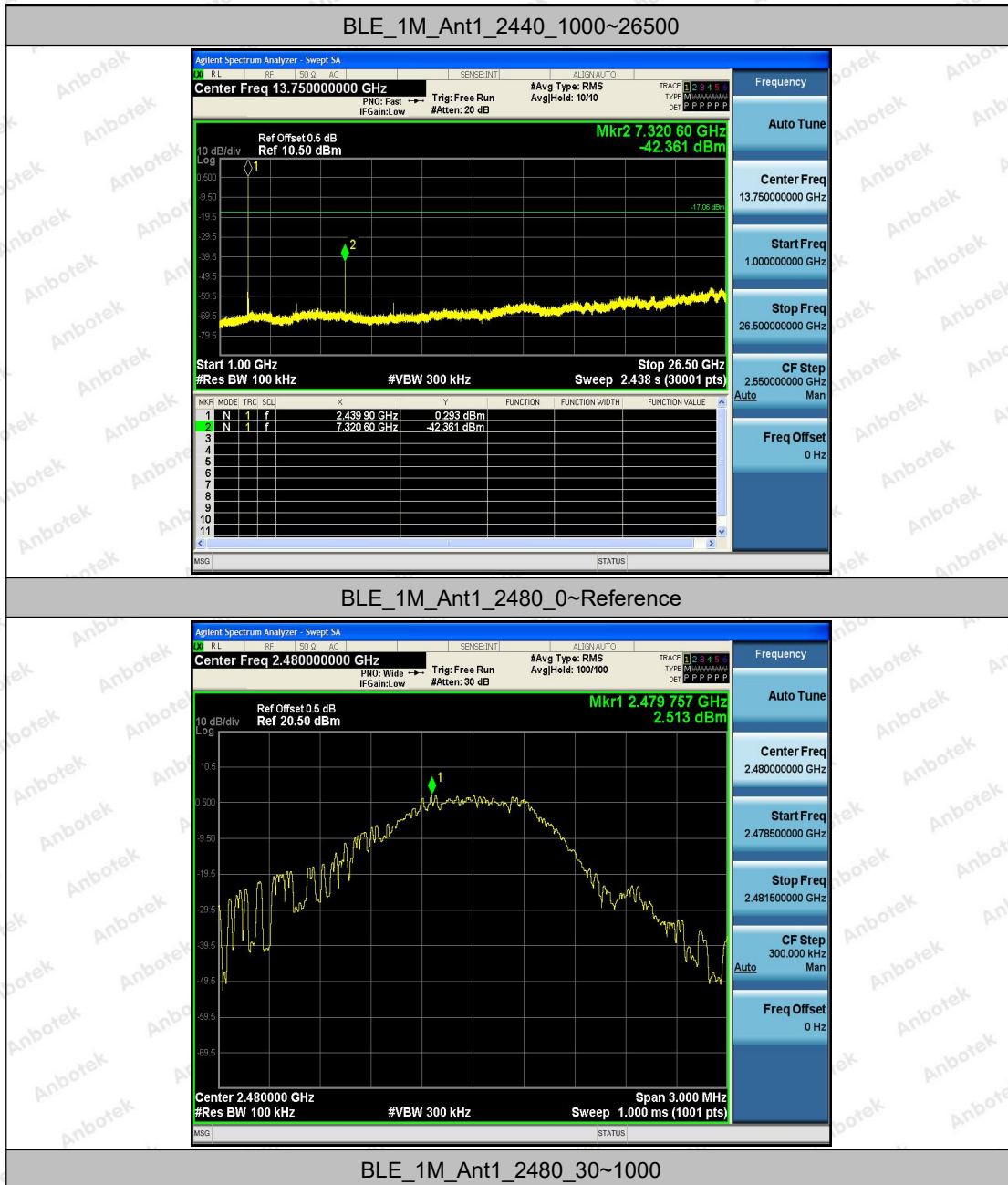


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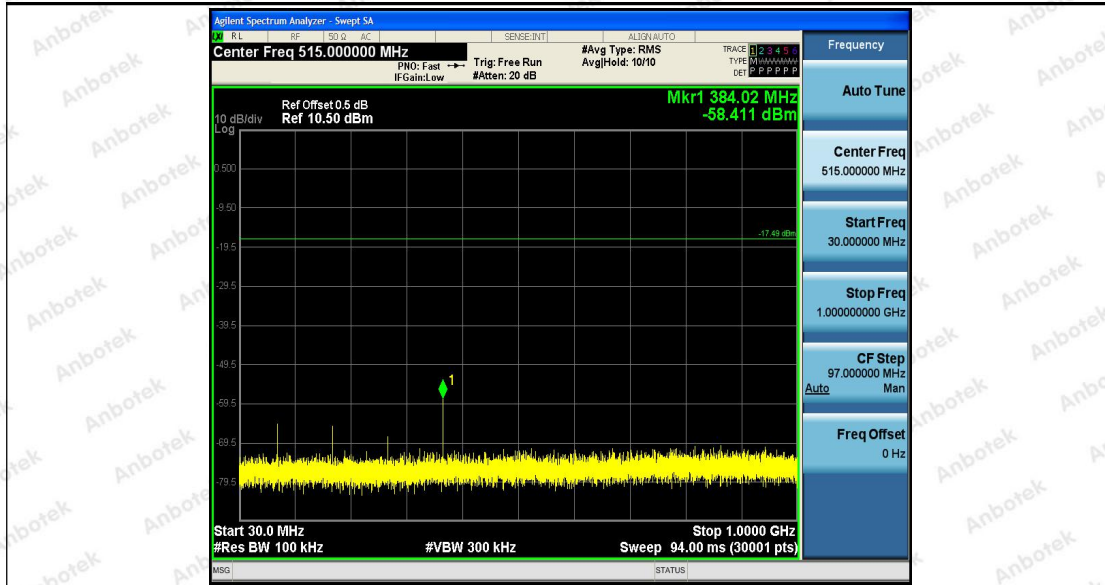


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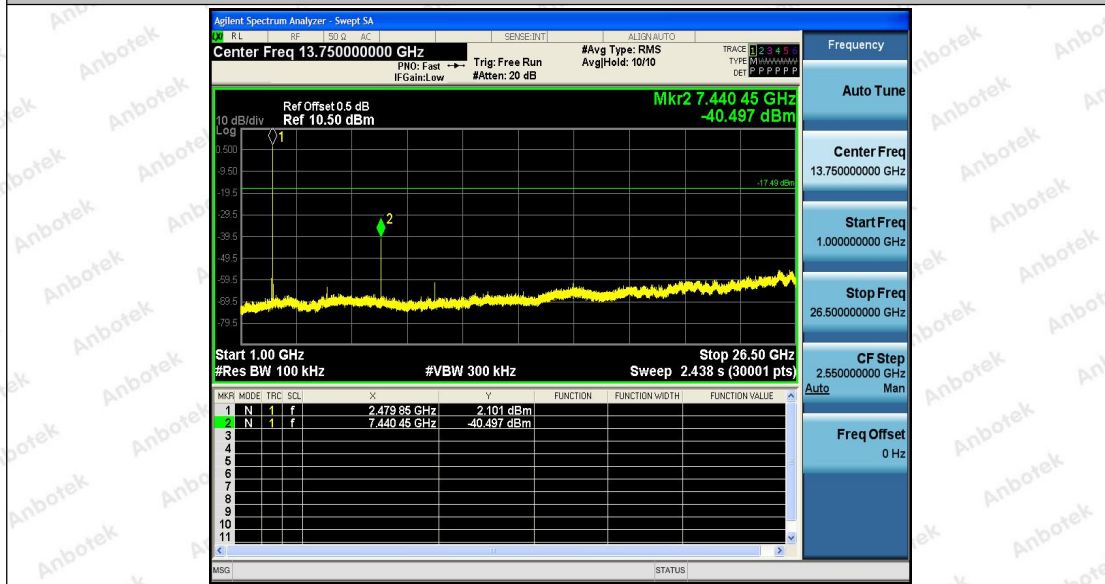
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BLE_1M_Ant1_2480_1000~26500



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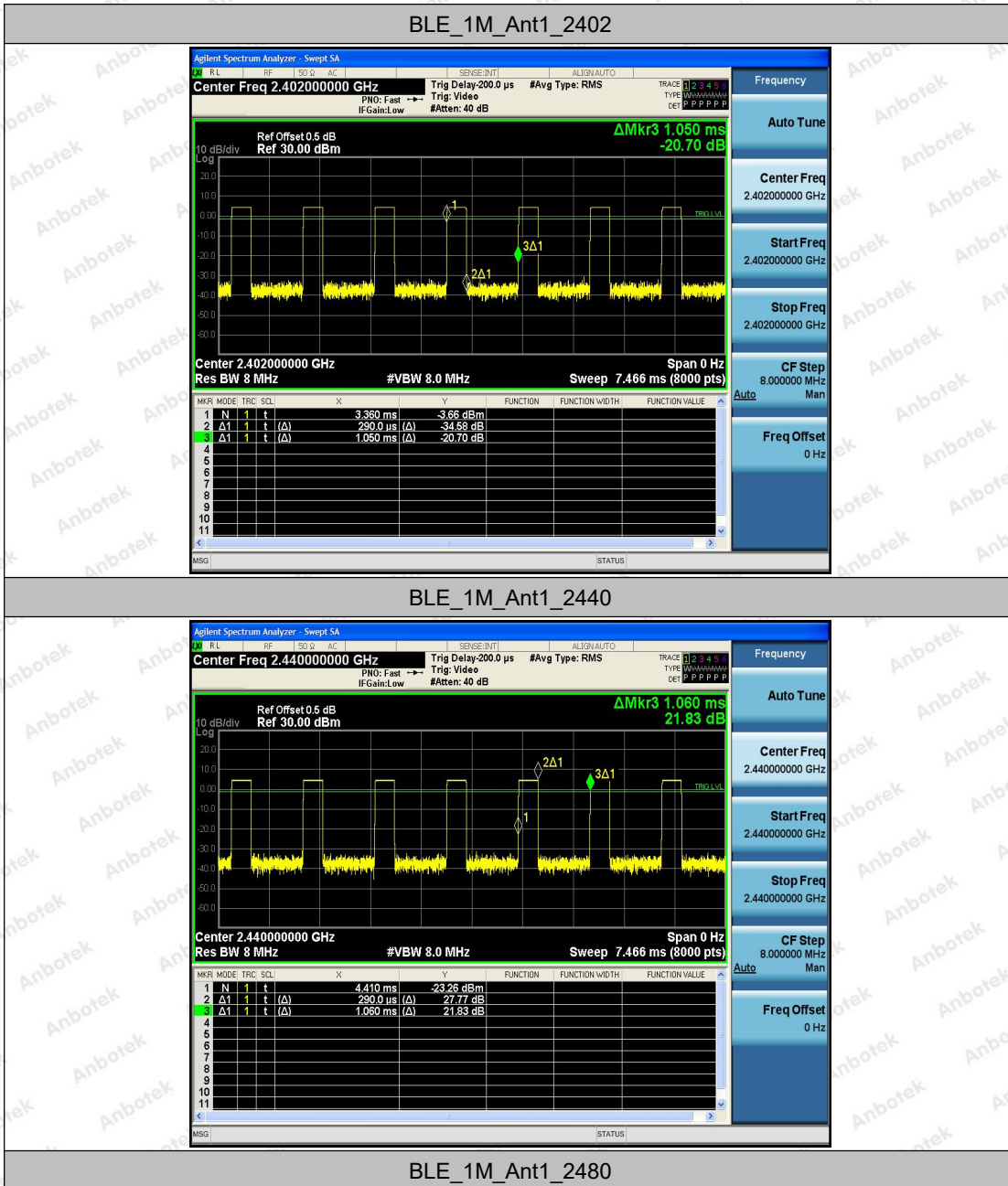
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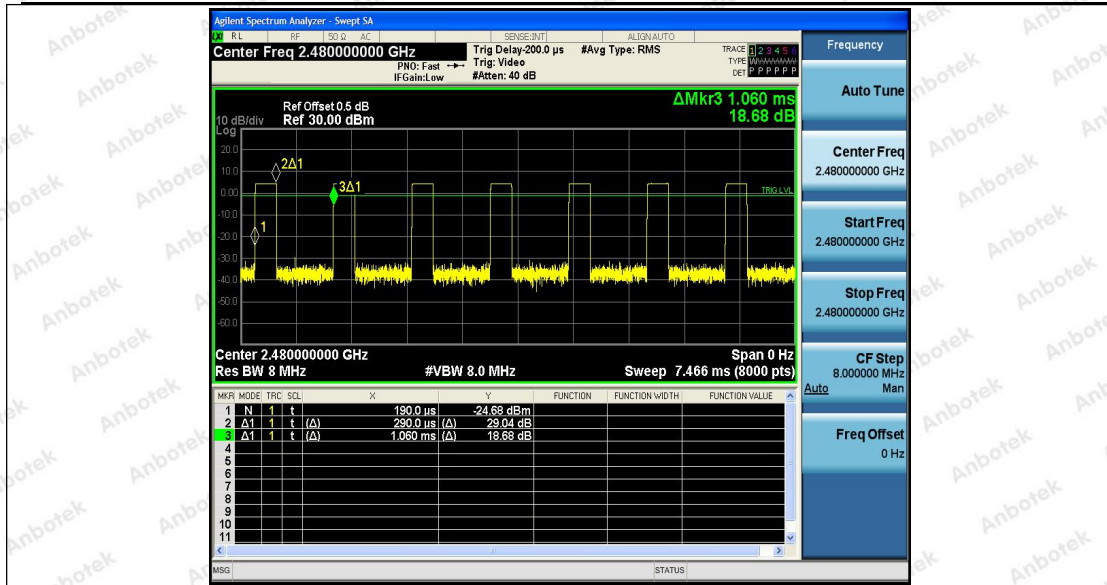
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.29	1.05	0.276 2	27.62	5.59	---	PASS
		2440	0.29	1.06	0.273 6	27.36	5.63	---	PASS
		2480	0.29	1.06	0.273 6	27.36	5.63	---	PASS

Test Graphs





---End---