

Appendix Test Data

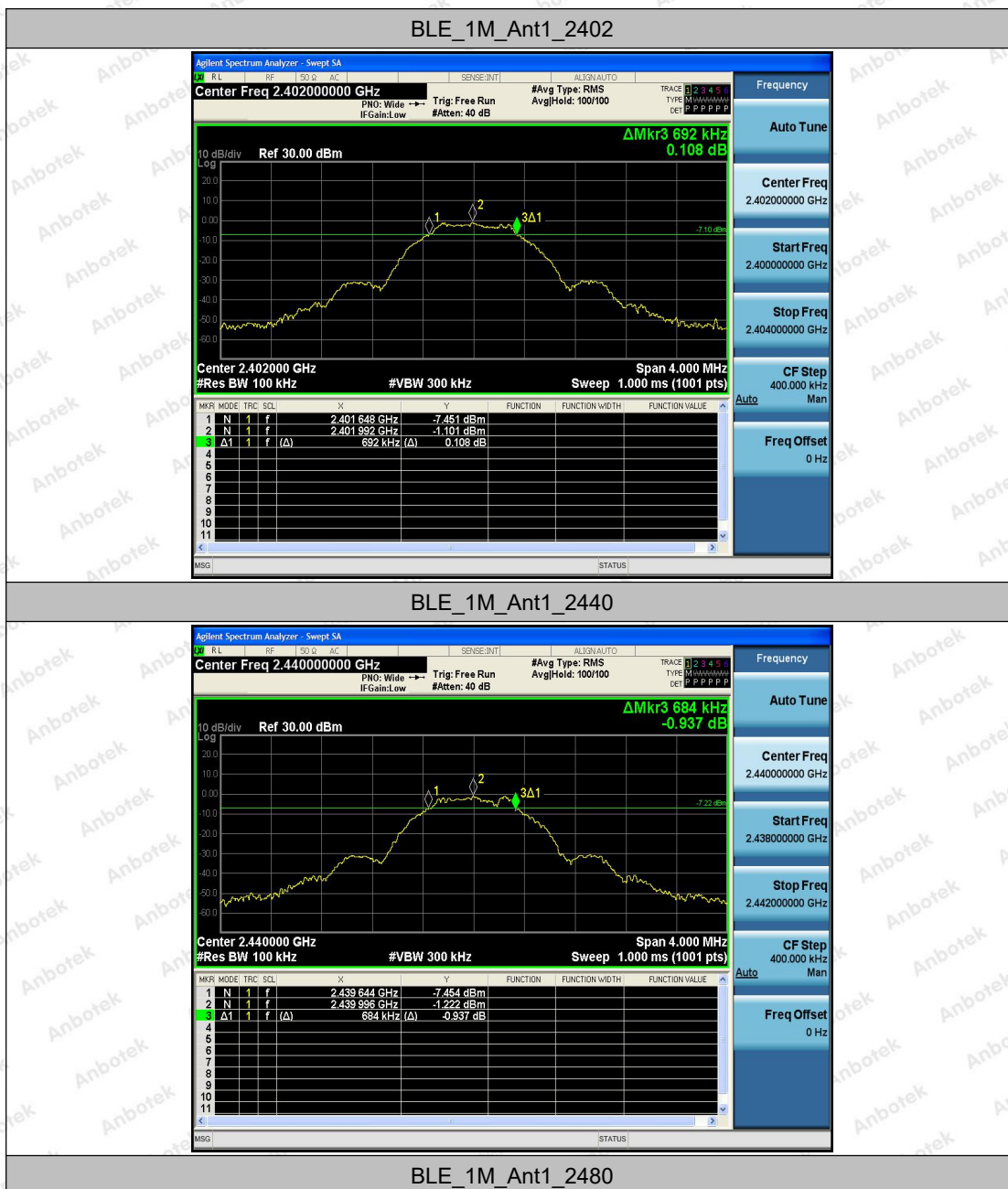
Report No.:	18220WC20016502	Test Sample No.:	1-2-2
Start Test Date:	2022.2.16	Finish Test Date:	2022.3.1
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	55 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.648	2402.340	≥0.5	PASS
		2440	0.684	2439.644	2440.328	≥0.5	PASS
		2480	0.692	2479.648	2480.340	≥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	1.0341	2401.495	2402.529	---	PASS
		2440	1.0281	2439.496	2440.524	---	PASS
		2480	1.0293	2479.496	2480.525	---	PASS

Test Graphs



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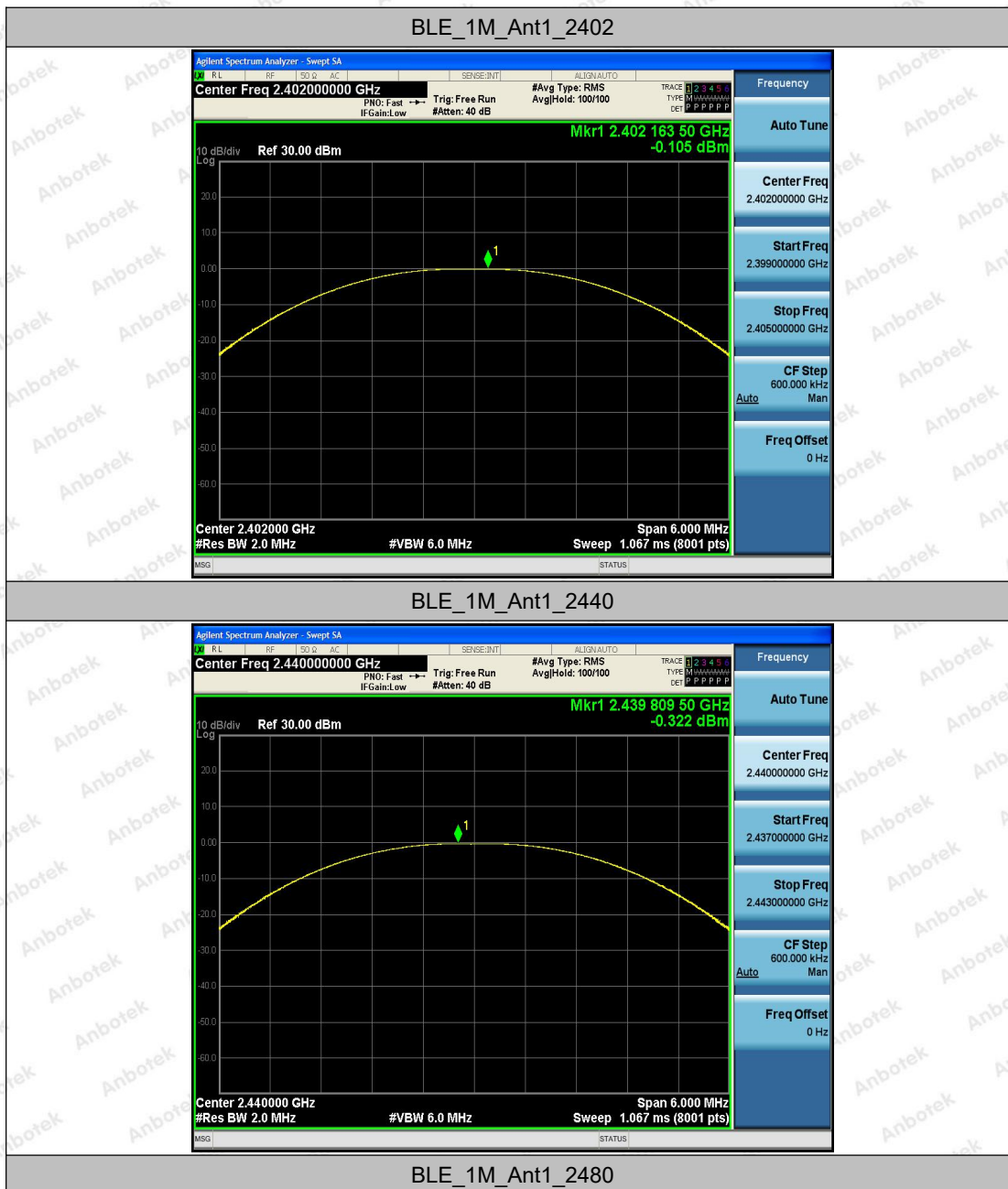
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.11	≤30	PASS
		2440	-0.32	≤30	PASS
		2480	0.42	≤30	PASS

Test Graphs

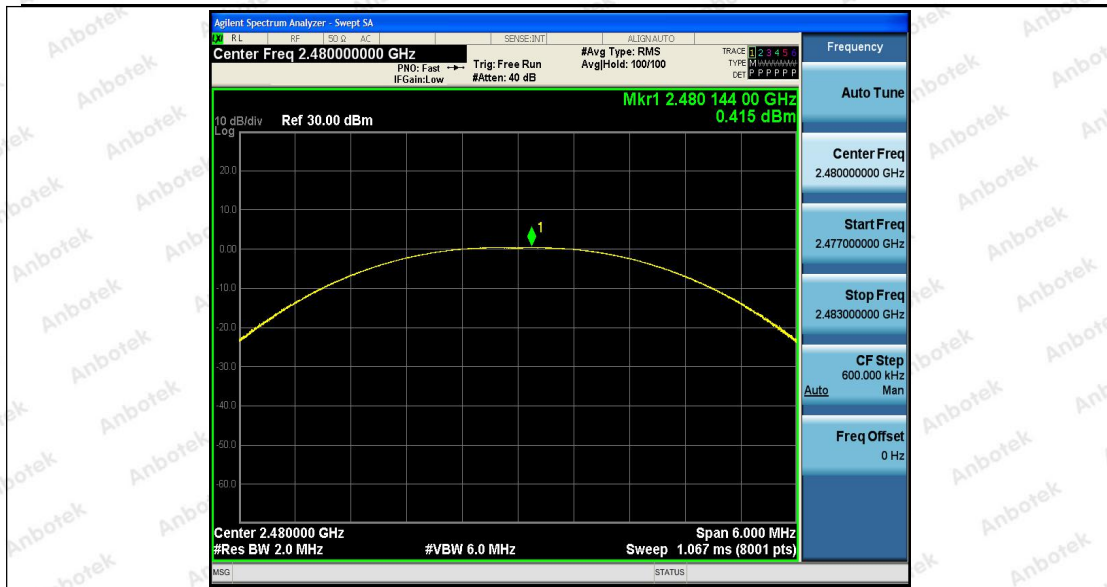


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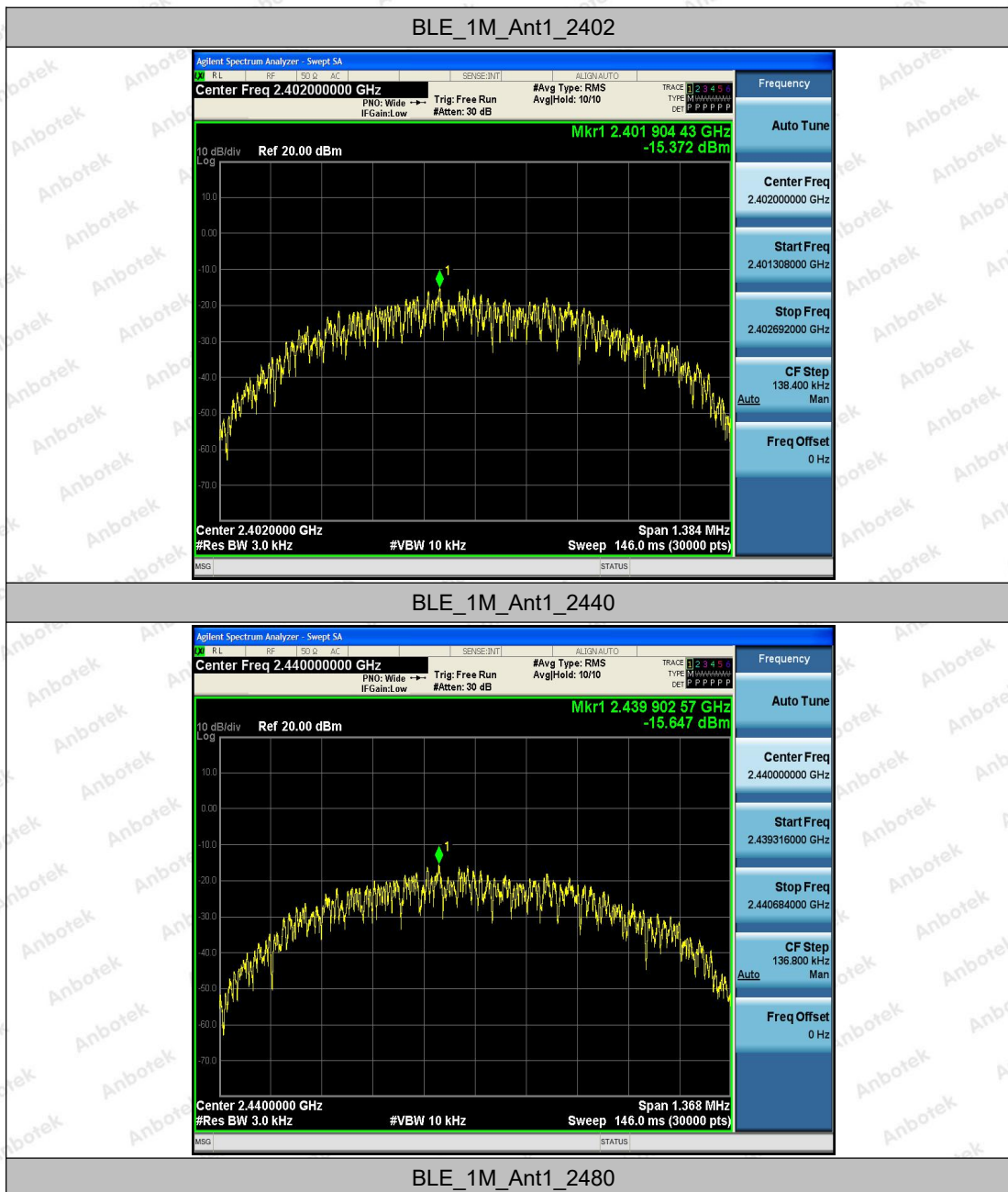
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.37	≤8	PASS
		2440	-15.65	≤8	PASS
		2480	-14.84	≤8	PASS

Test Graphs

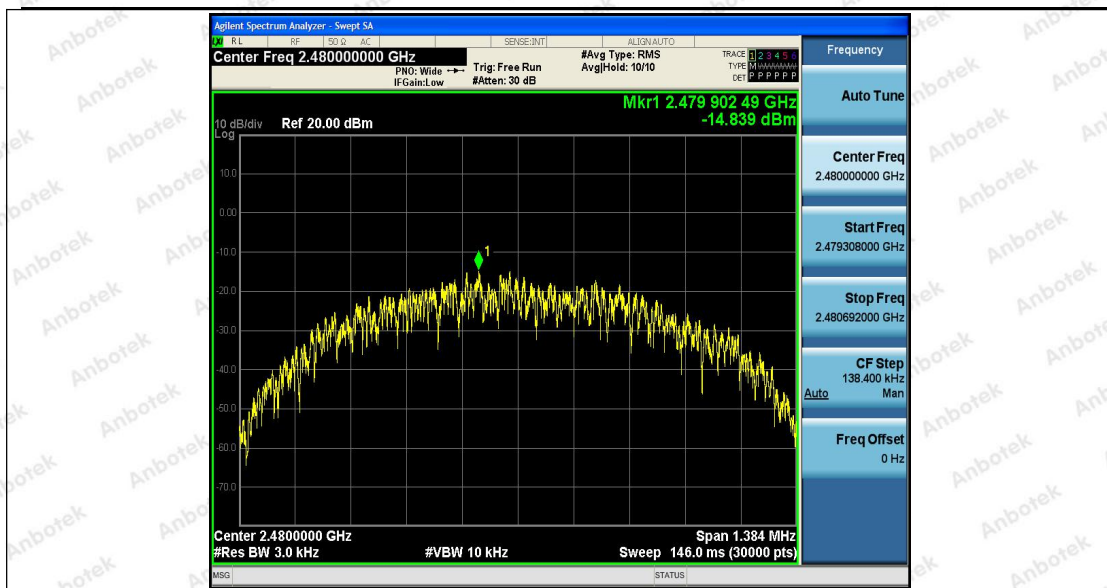


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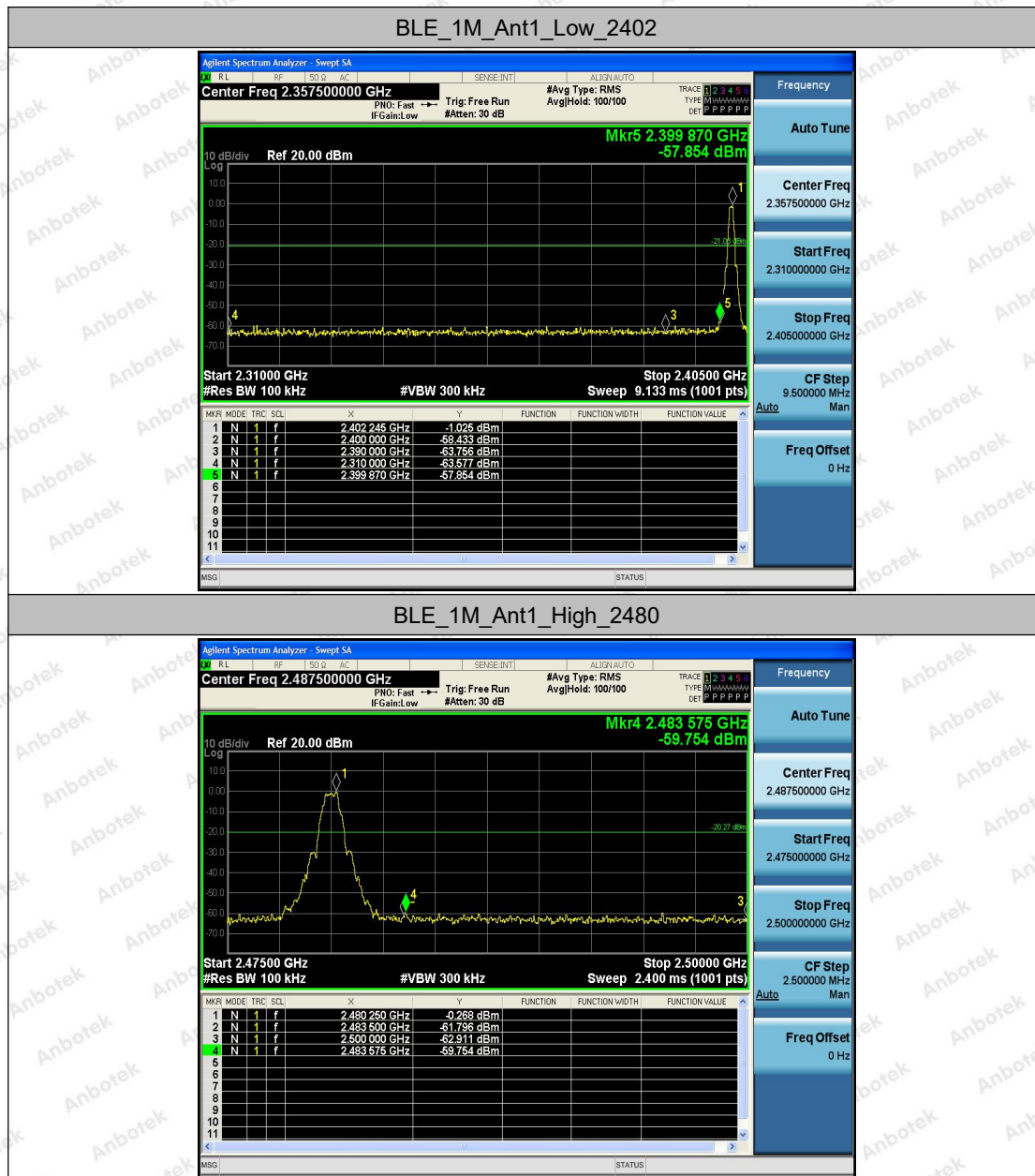
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.03	-57.85	≤ -21.03	PASS
		High	2480	-0.27	-59.75	≤ -20.27	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

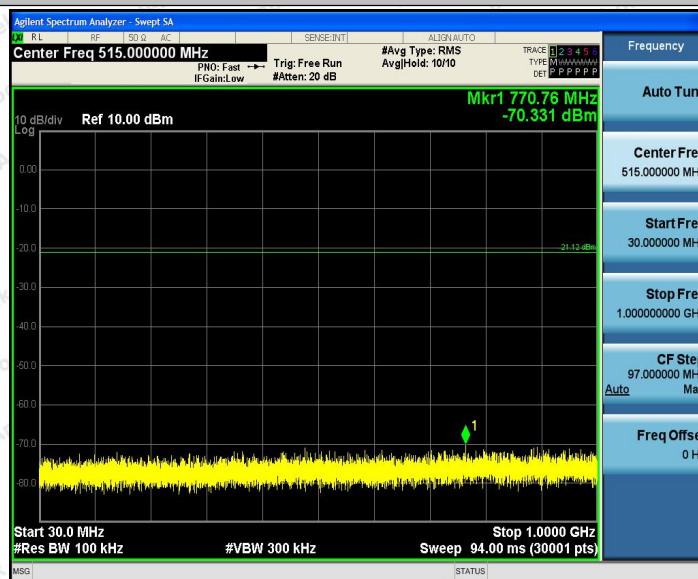
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.12	-1.12	---	PASS
			30~1000	-1.12	-70.33	≤-21.12	PASS
			1000~265 00	-1.12	-55.75	≤-21.12	PASS
		2440	Reference	-1.29	-1.29	---	PASS
			30~1000	-1.29	-70.69	≤-21.29	PASS
			1000~265 00	-1.29	-55.82	≤-21.29	PASS
		2480	Reference	-0.48	-0.48	---	PASS
			30~1000	-0.48	-69.88	≤-20.48	PASS
			1000~265 00	-0.48	-55.76	≤-20.48	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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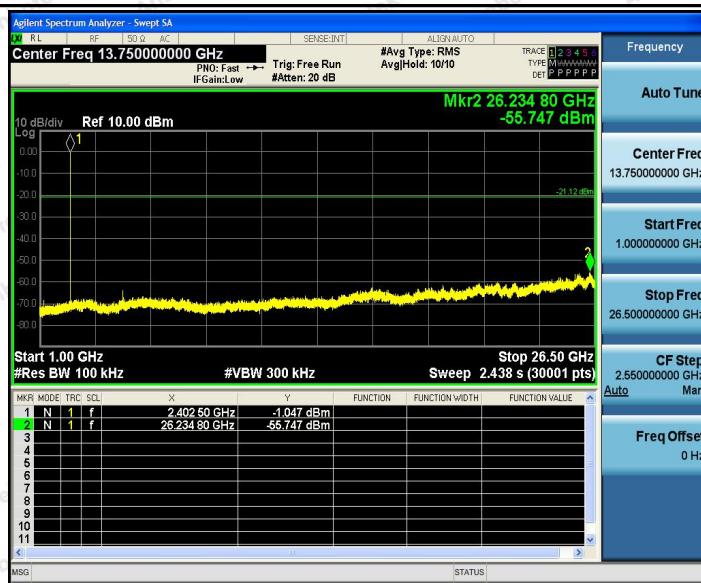
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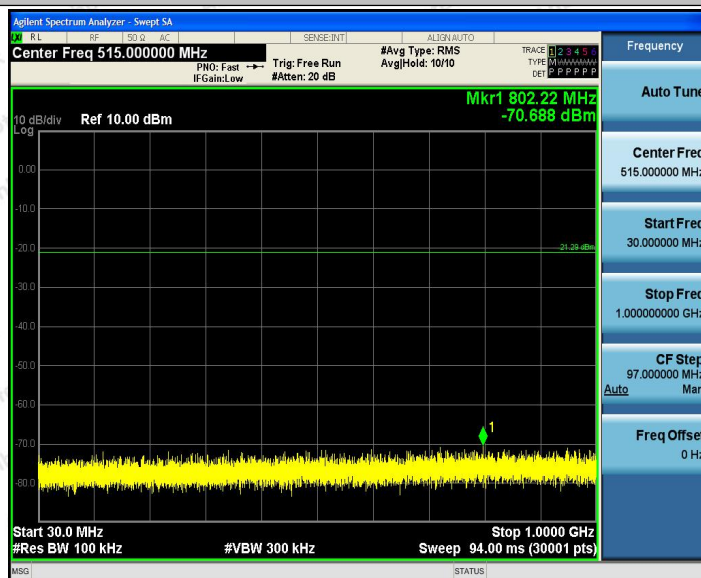
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



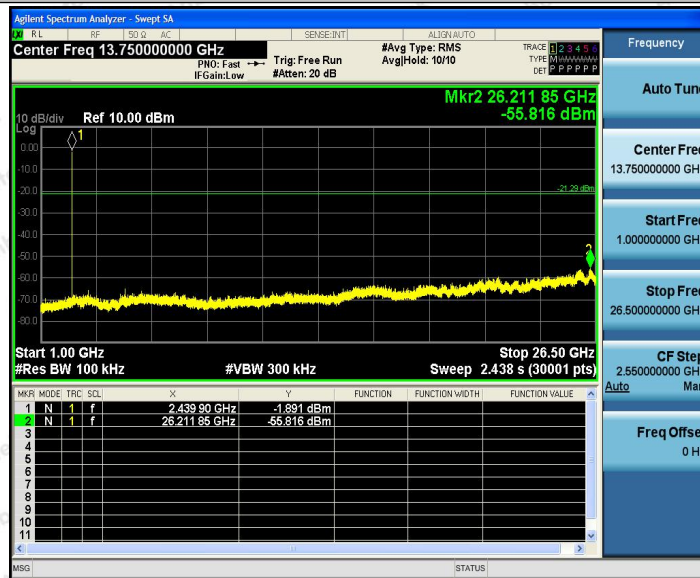
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000

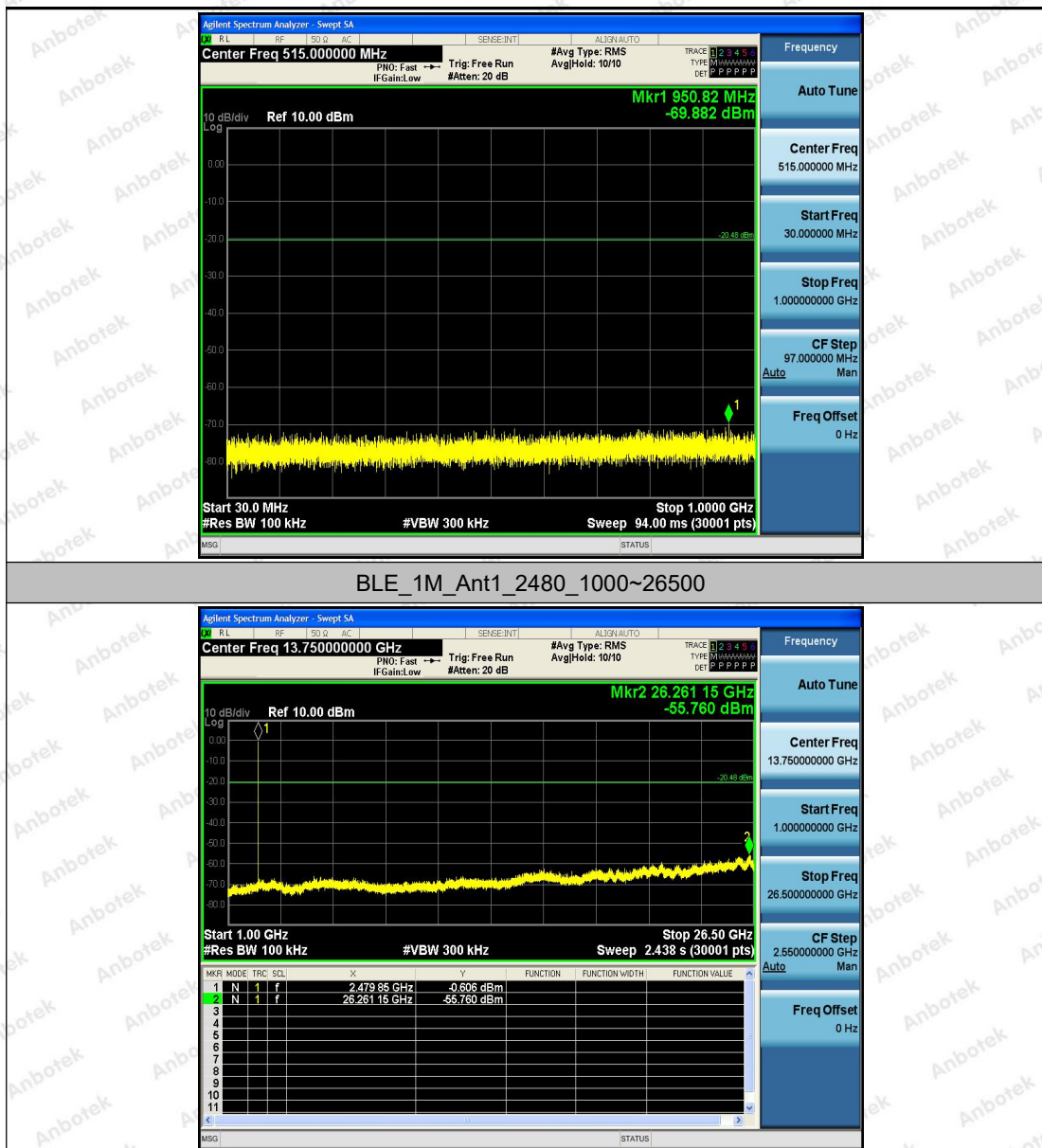
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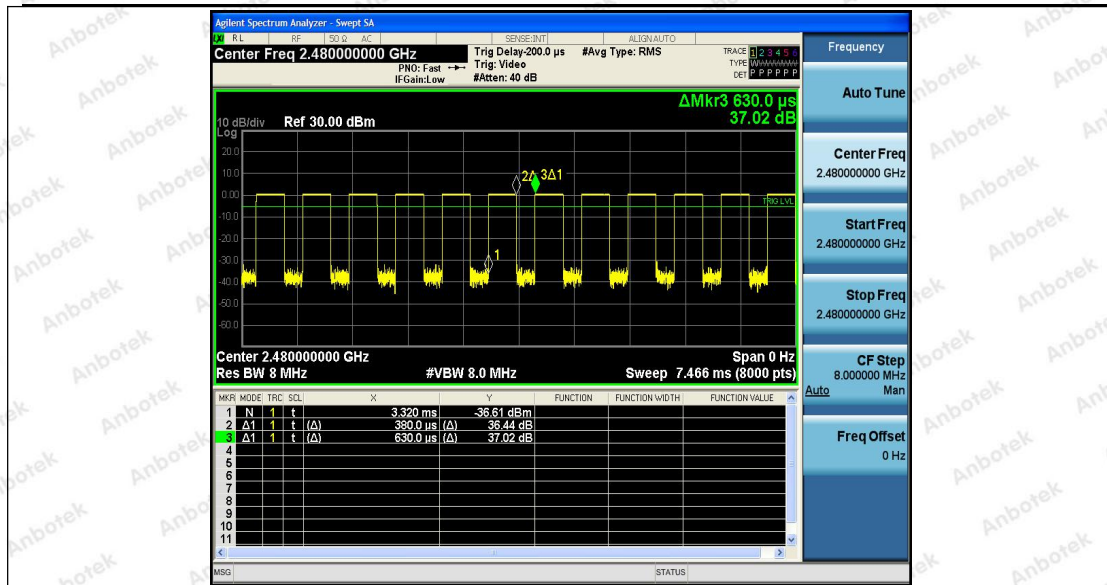
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Appendix G: Duty Cycle

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	0.62	0.612 9	61.29	2.13	---	PASS
		2480	0.38	0.63	0.603 2	60.32	2.20	---	PASS



---End---

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