

Appendix Test Data

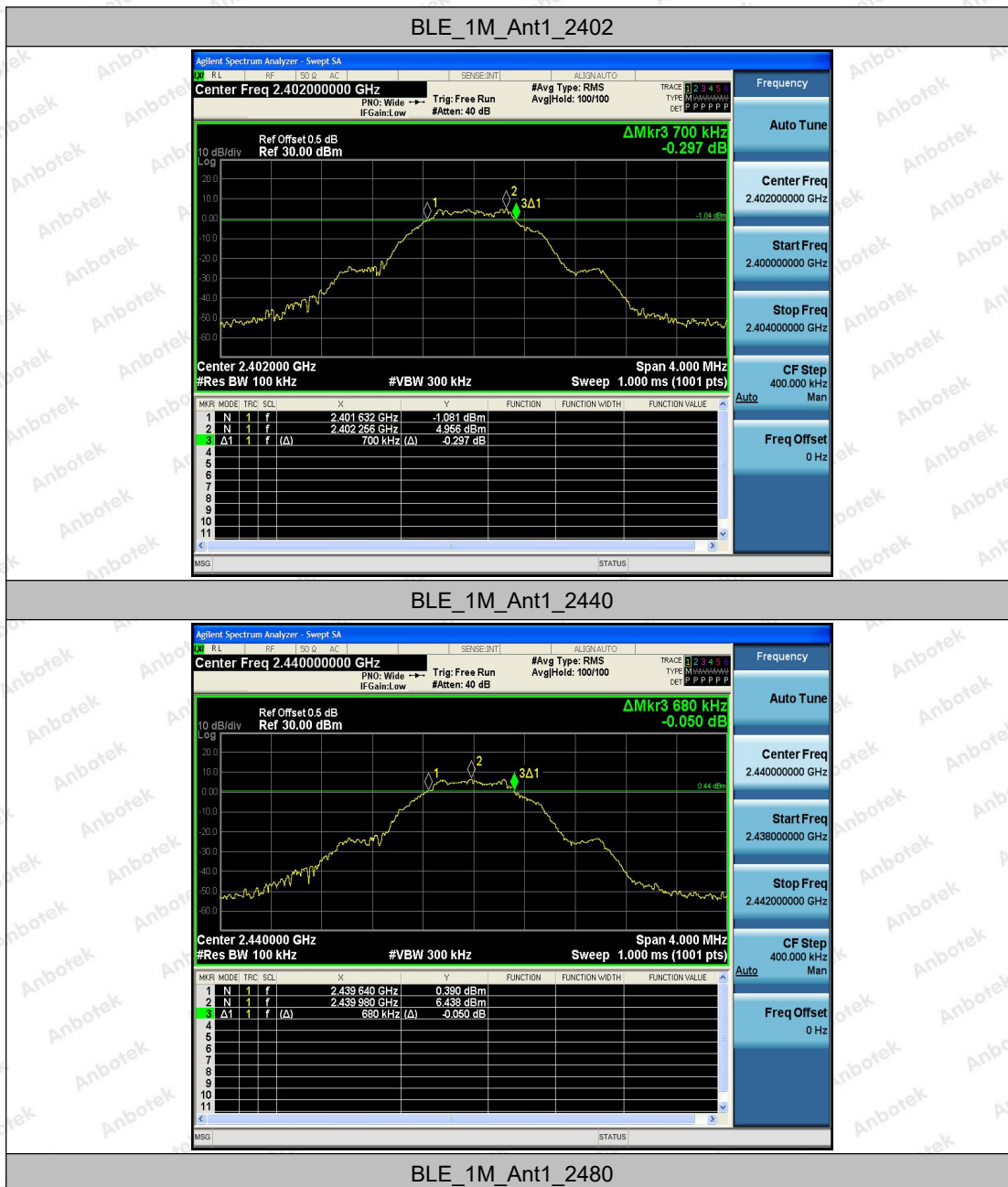
Report No.:	18220WC20136601	Test Sample No.:	1-2-2
Start Test Date:	2022.6.28	Finish Test Date:	2022.7.5
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57.1 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.632	2402.332	≥0.5	PASS
		2440	0.680	2439.640	2440.320	≥0.5	PASS
		2480	0.704	2479.616	2480.320	≥0.5	PASS

Test Graphs



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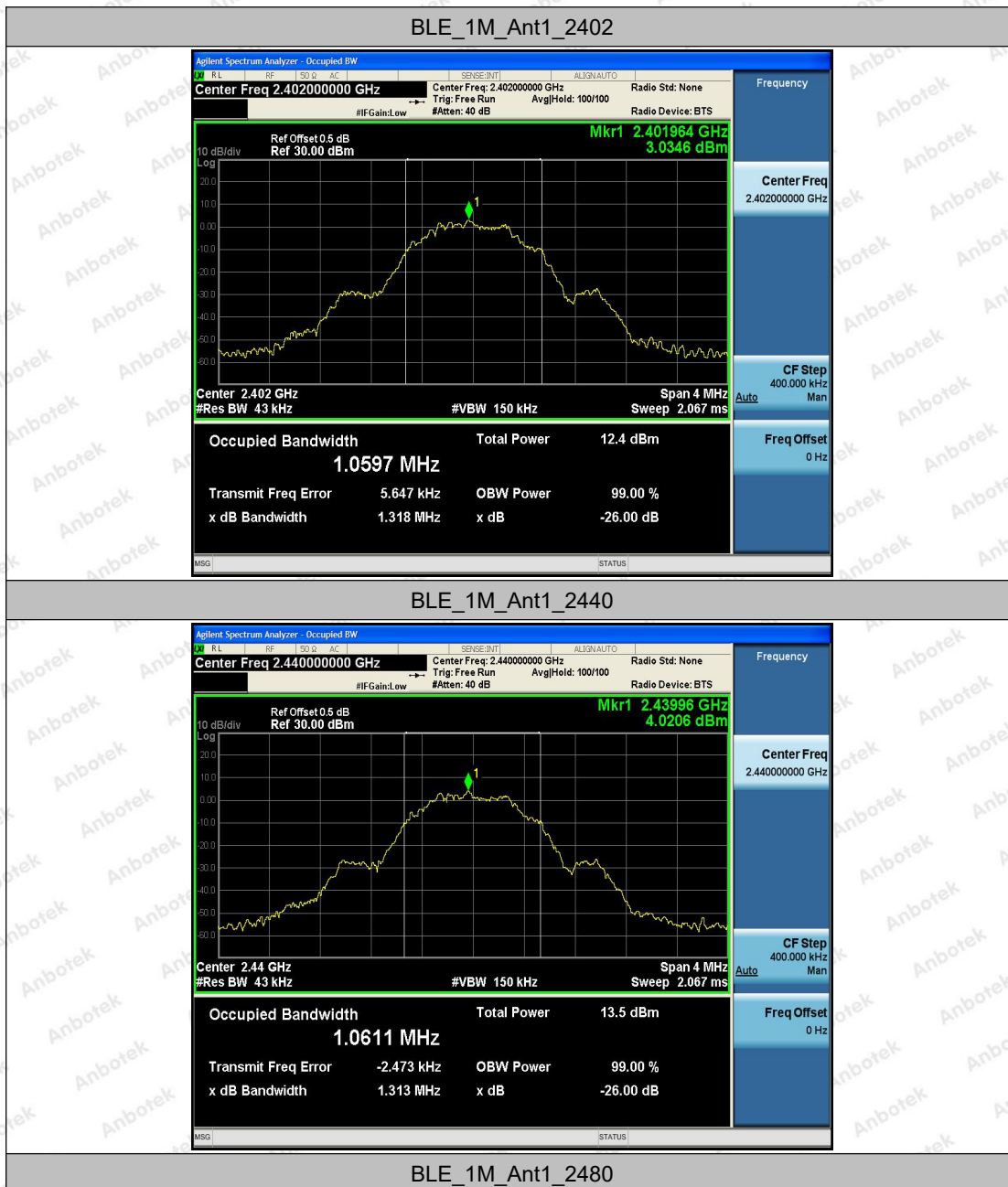
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0597	2401.476	2402.536	---	PASS
		2440	1.0611	2439.467	2440.528	---	PASS
		2480	1.0541	2479.466	2480.520	---	PASS

Test Graphs



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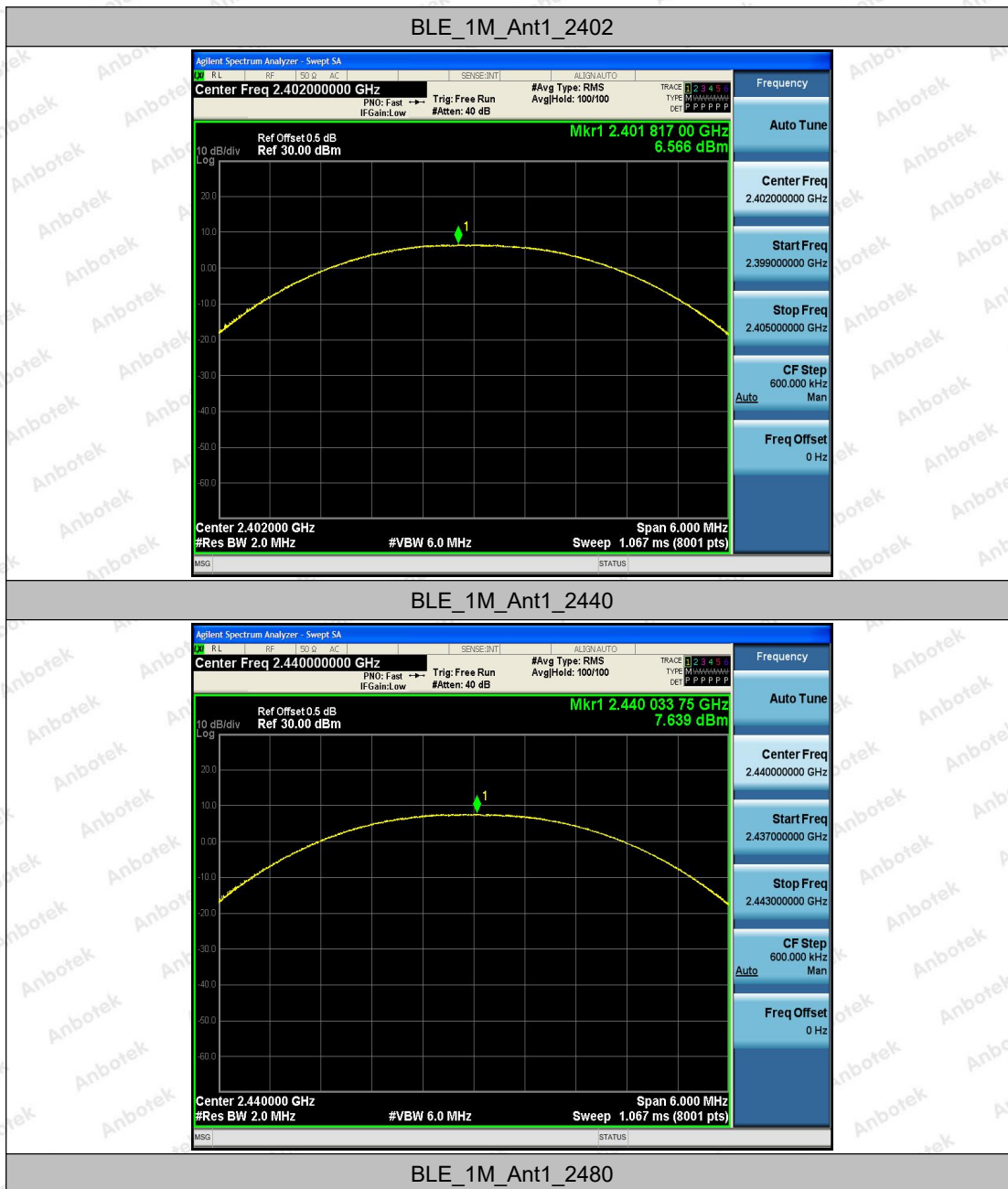
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.57	≤30	PASS
		2440	7.64	≤30	PASS
		2480	9.22	≤30	PASS

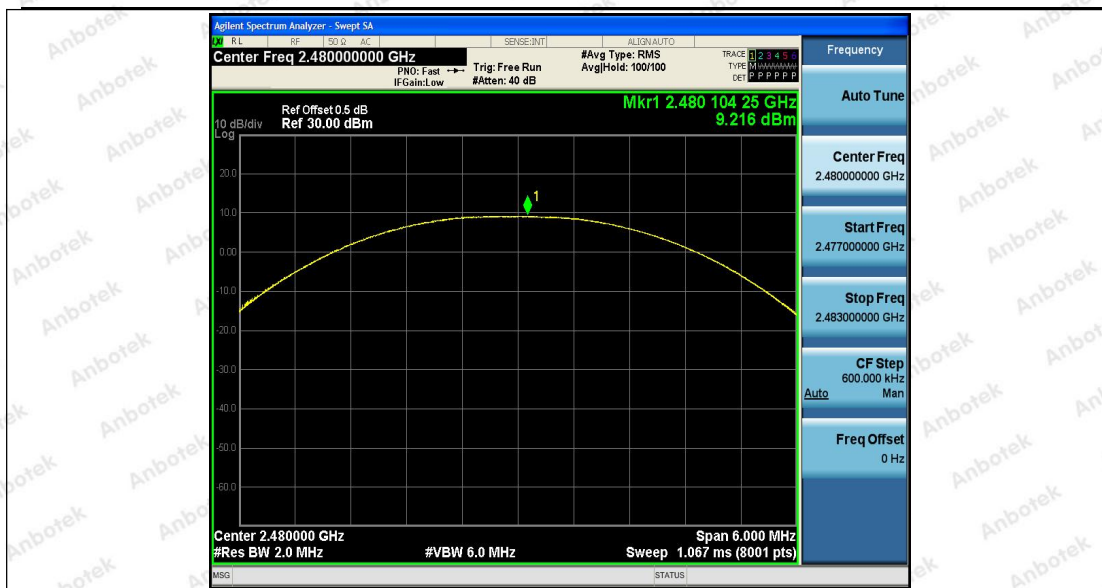
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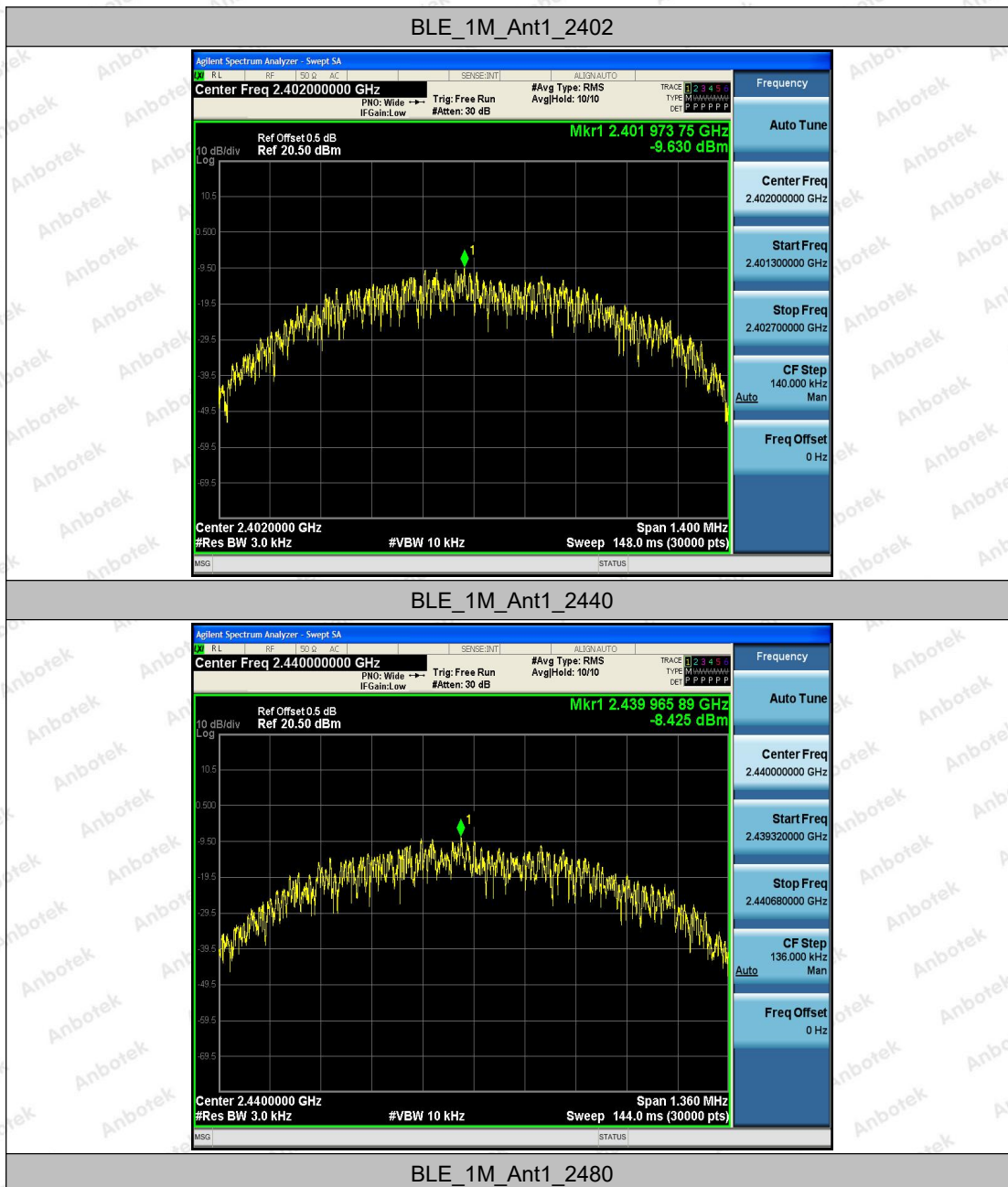
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.63	≤8	PASS
		2440	-8.43	≤8	PASS
		2480	-6.49	≤8	PASS

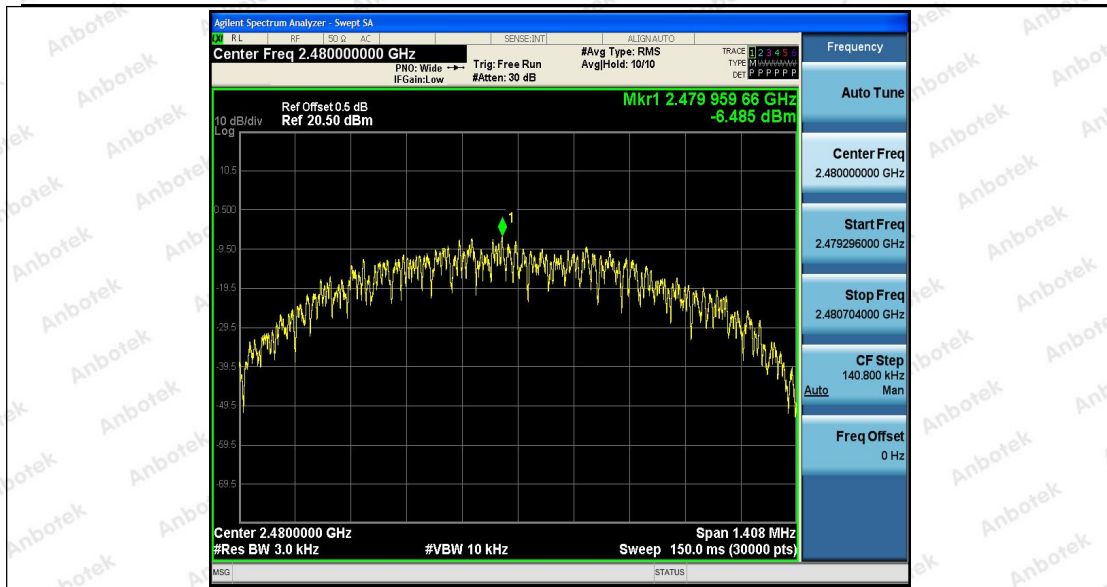
Test Graphs



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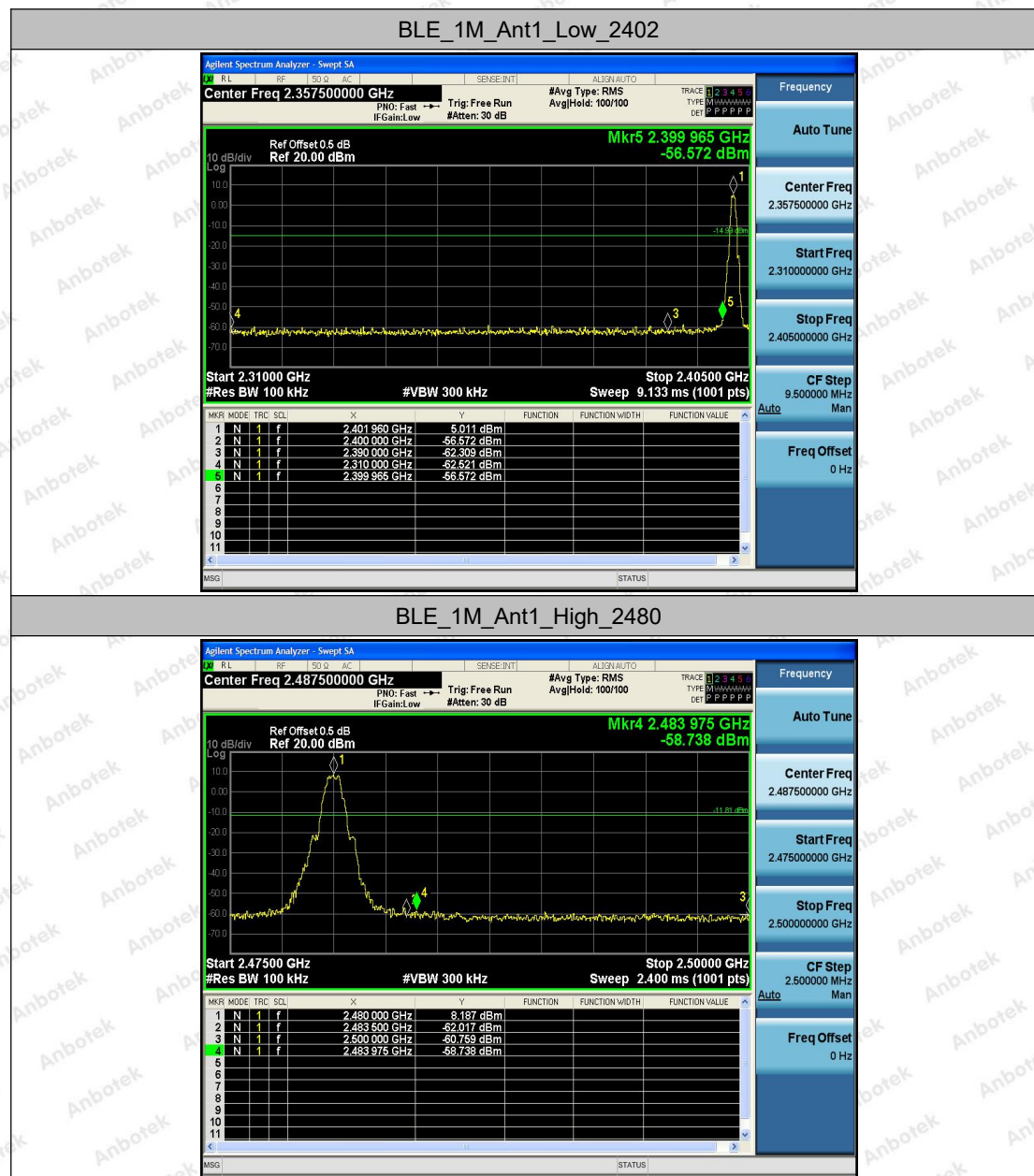
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.01	-56.57	≤-14.99	PASS
		High	2480	8.19	-58.74	≤-11.81	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

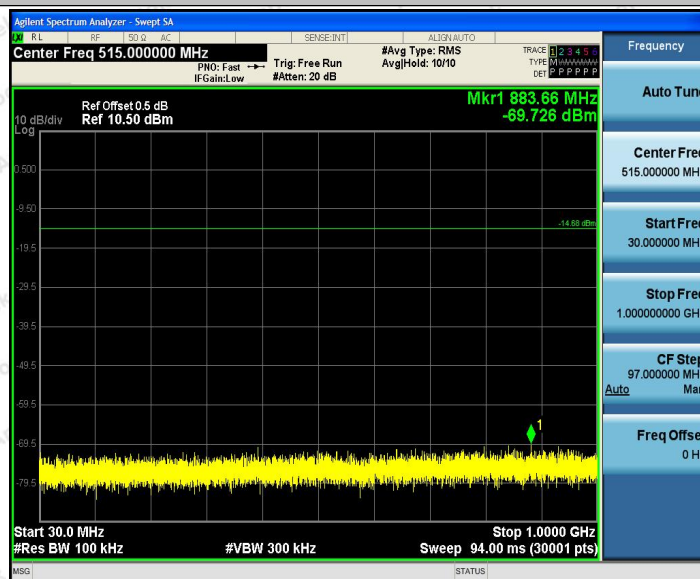
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	5.32	5.32	---	PASS
			30~1000	5.32	-69.73	≤-14.68	PASS
			1000~26500	5.32	-46.37	≤-14.68	PASS
		2440	Reference	6.23	6.23	---	PASS
			30~1000	6.23	-69.45	≤-13.77	PASS
			1000~26500	6.23	-49.48	≤-13.77	PASS
		2480	Reference	8.07	8.07	---	PASS
			30~1000	8.07	-69.94	≤-11.93	PASS
			1000~26500	8.07	-51.45	≤-11.93	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



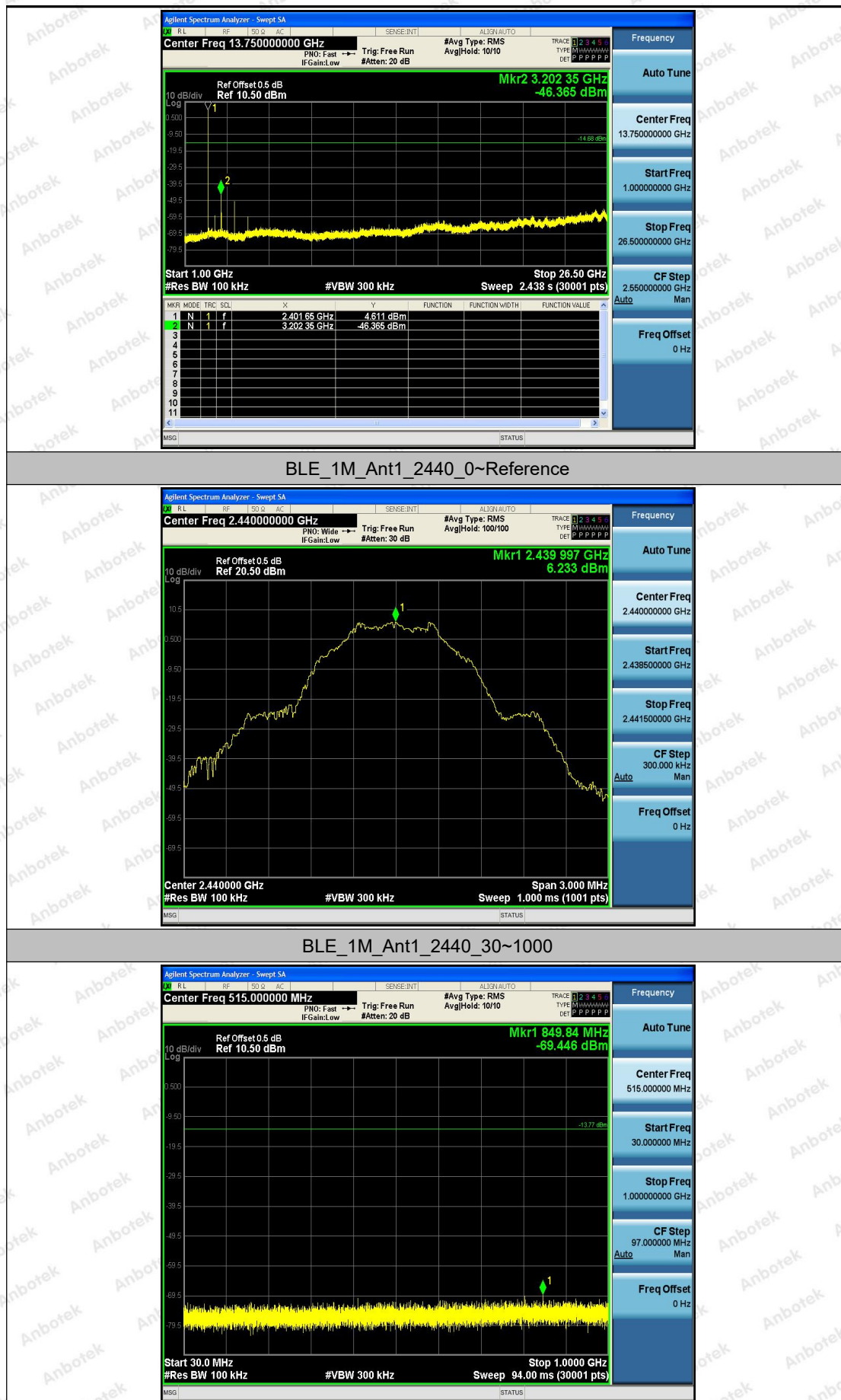
BLE_1M_Ant1_2402_1000~26500

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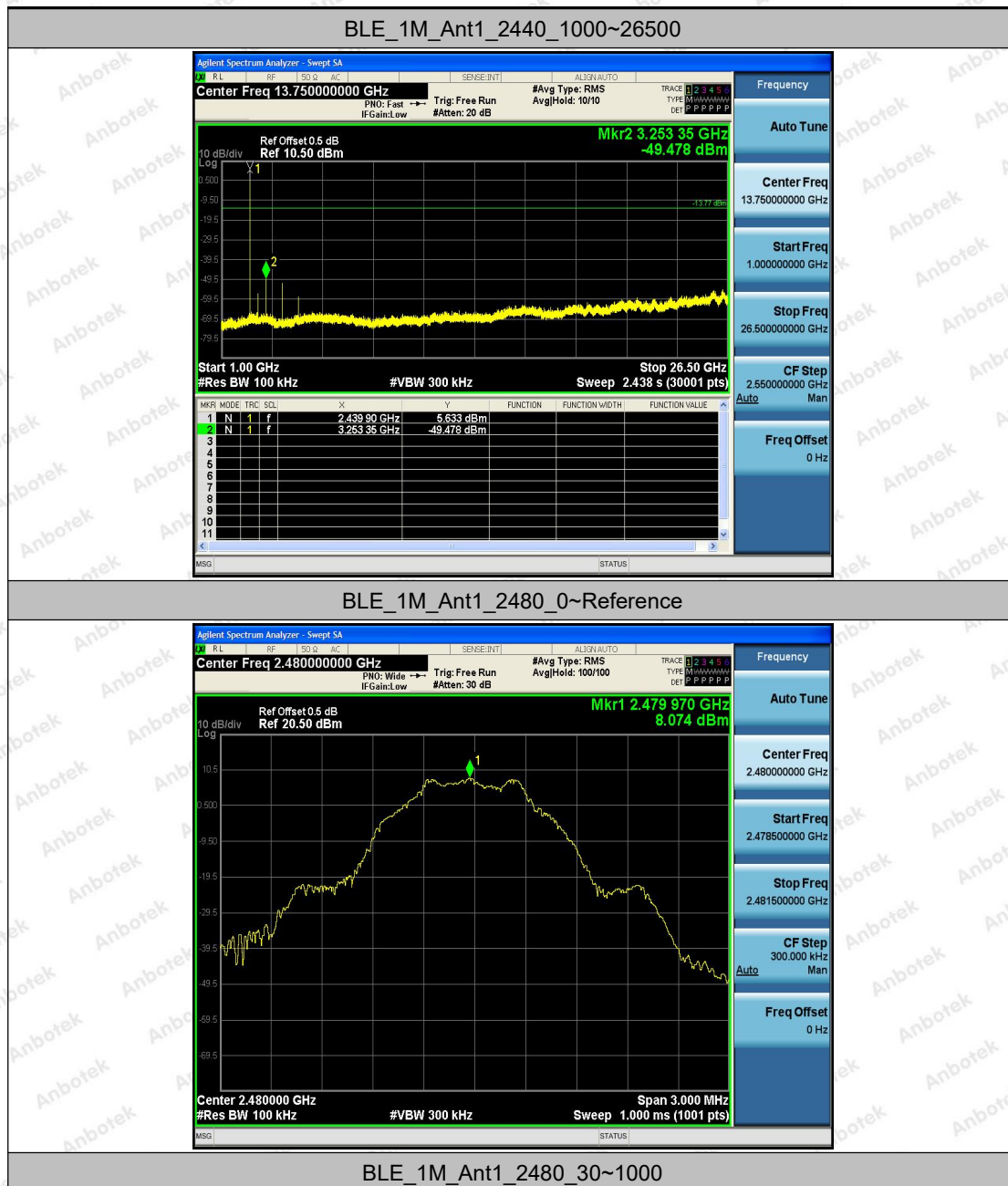
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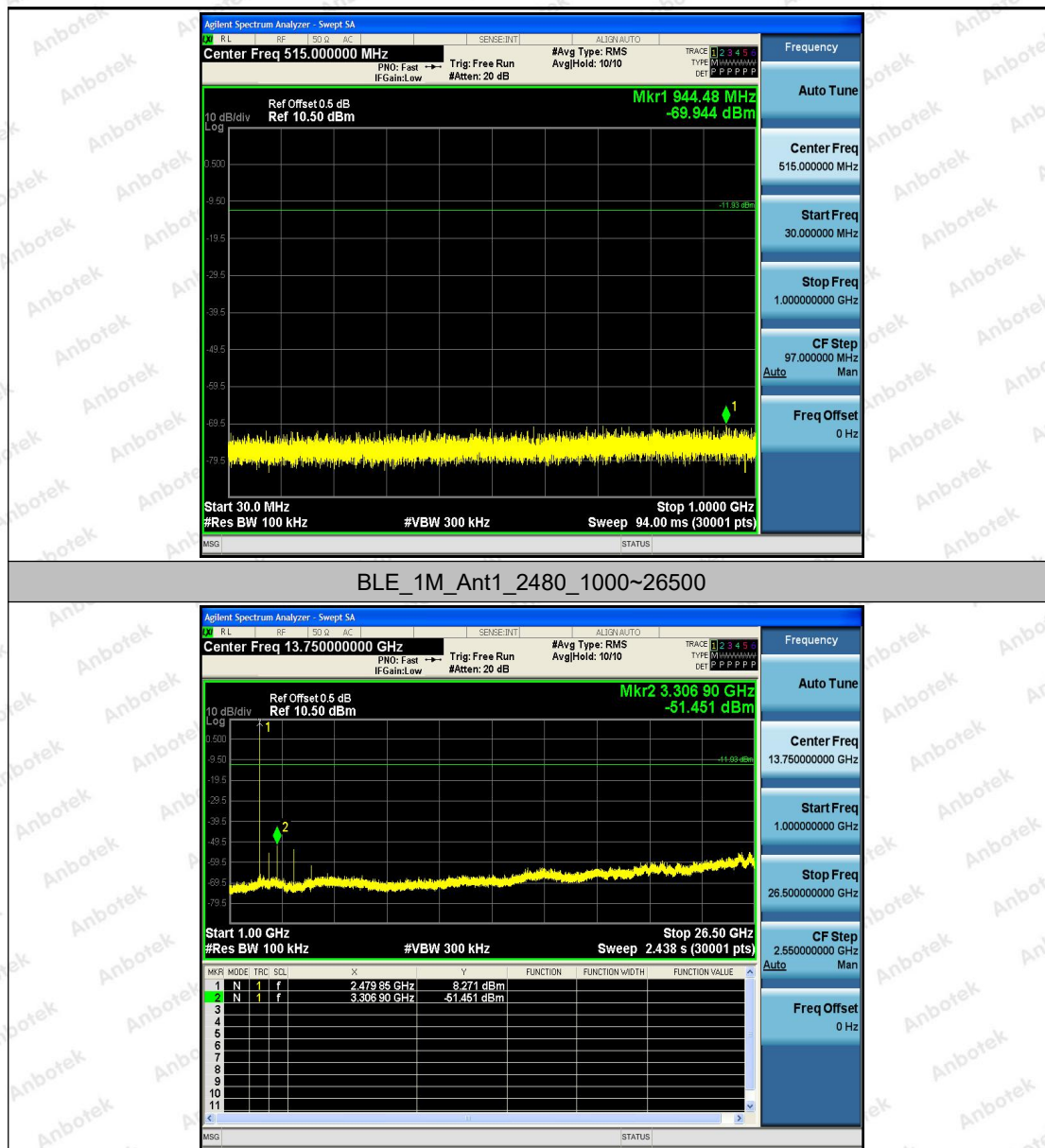


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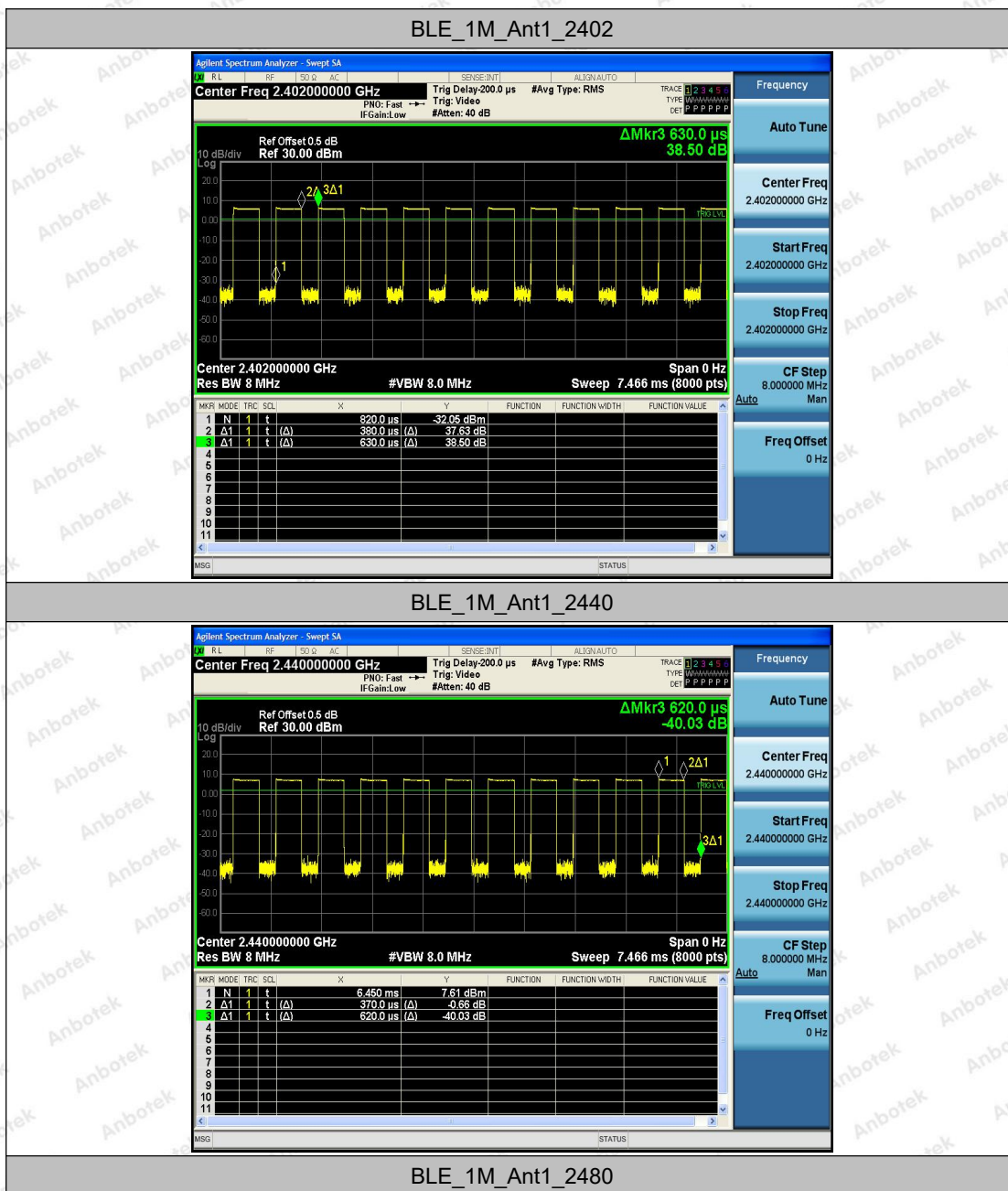
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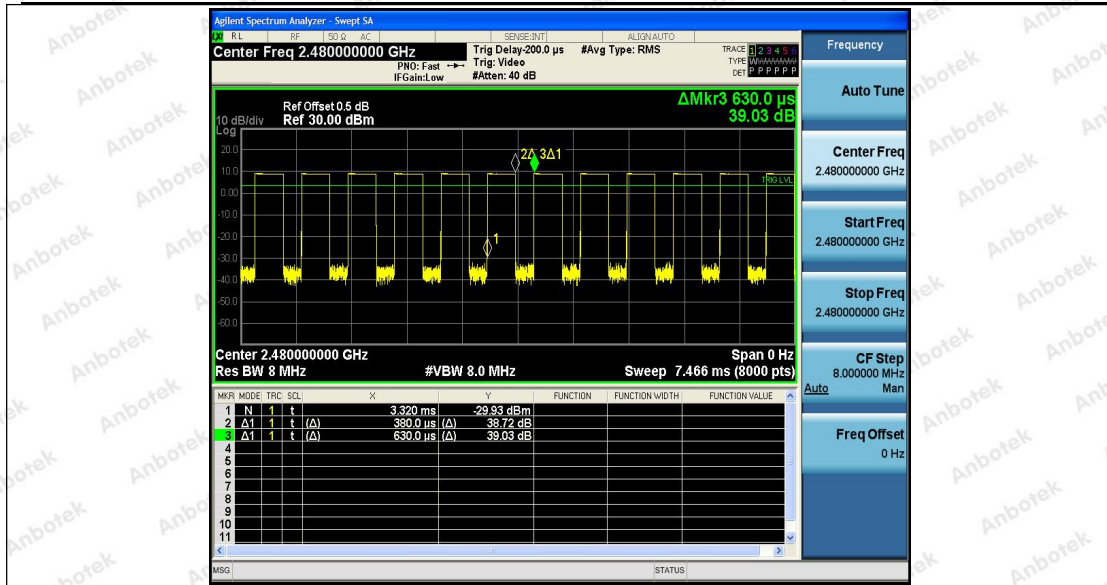
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.6032	60.32	2.20	---	PASS
		2440	0.37	0.62	0.5968	59.68	2.24	---	PASS
		2480	0.38	0.63	0.6032	60.32	2.20	---	PASS

Test Graphs





---End---