

Appendix Test Data

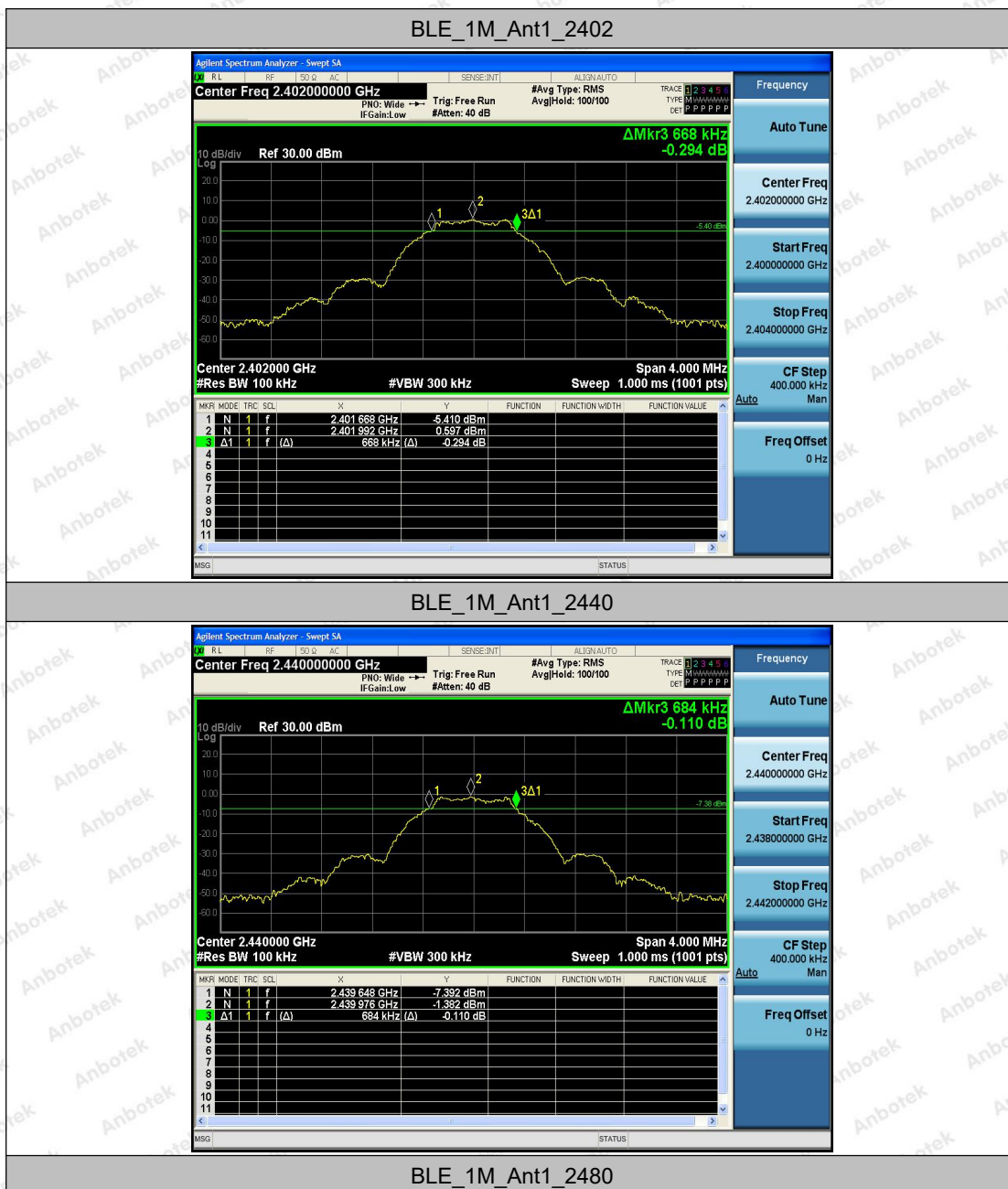
Report No.:	18220WC10289901	Test Sample No.:	1-2-2
Start Test Date:	2021.12.31	Finish Test Date:	2022.1.4
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	56 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.668	2402.336	≥0.5	PASS
		2440	0.684	2439.648	2440.332	≥0.5	PASS
		2480	0.696	2479.640	2480.336	≥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	1.0257	2401.491	2402.516	---	PASS
		2440	1.0263	2439.492	2440.519	---	PASS
		2480	1.0292	2479.488	2480.518	---	PASS

Test Graphs



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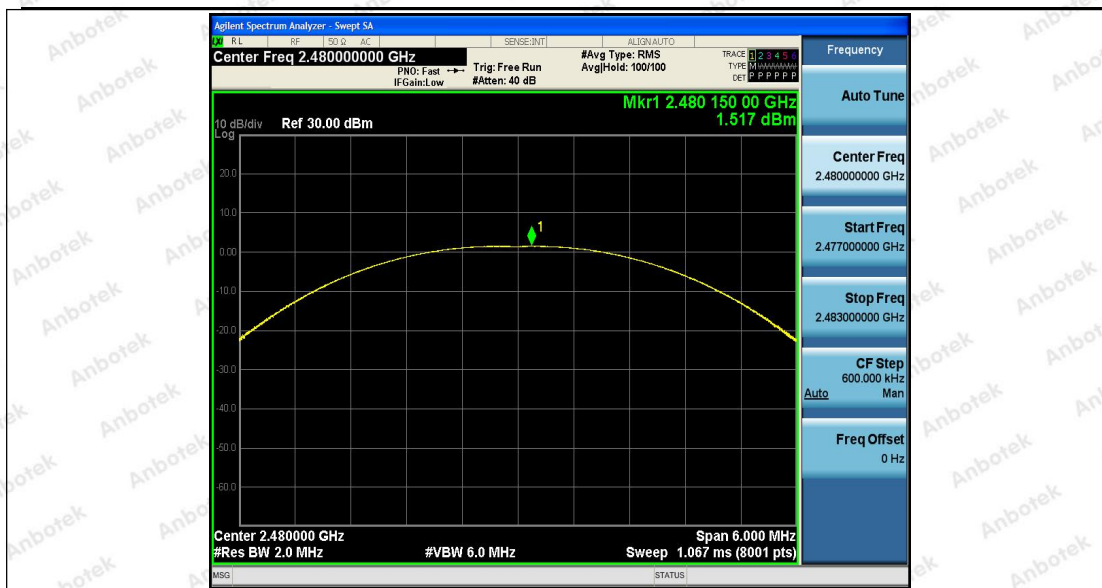
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.85	≤30	PASS
		2440	-0.41	≤30	PASS
		2480	1.52	≤30	PASS



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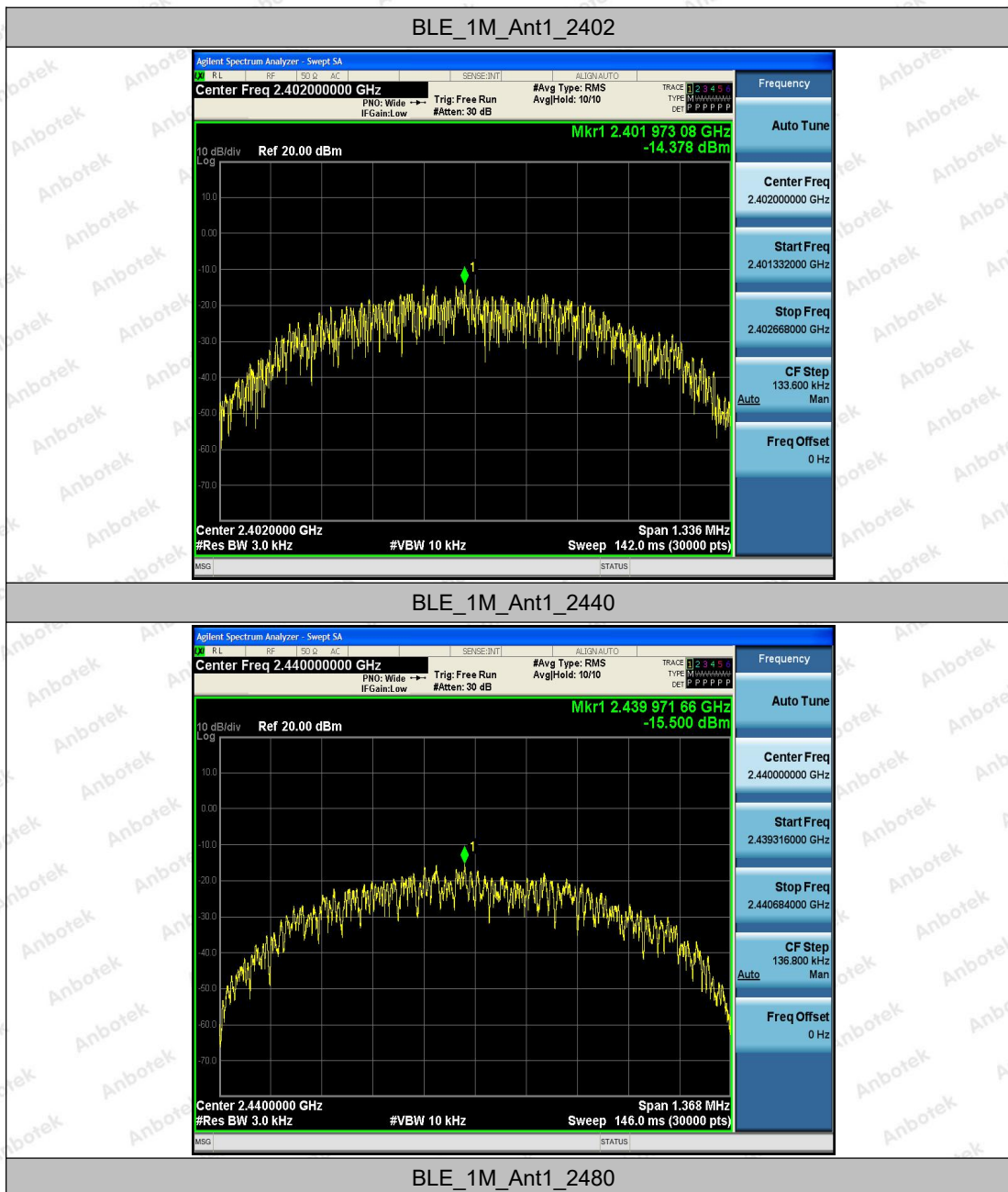
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.38	≤8	PASS
		2440	-15.5	≤8	PASS
		2480	-13.48	≤8	PASS

Test Graphs

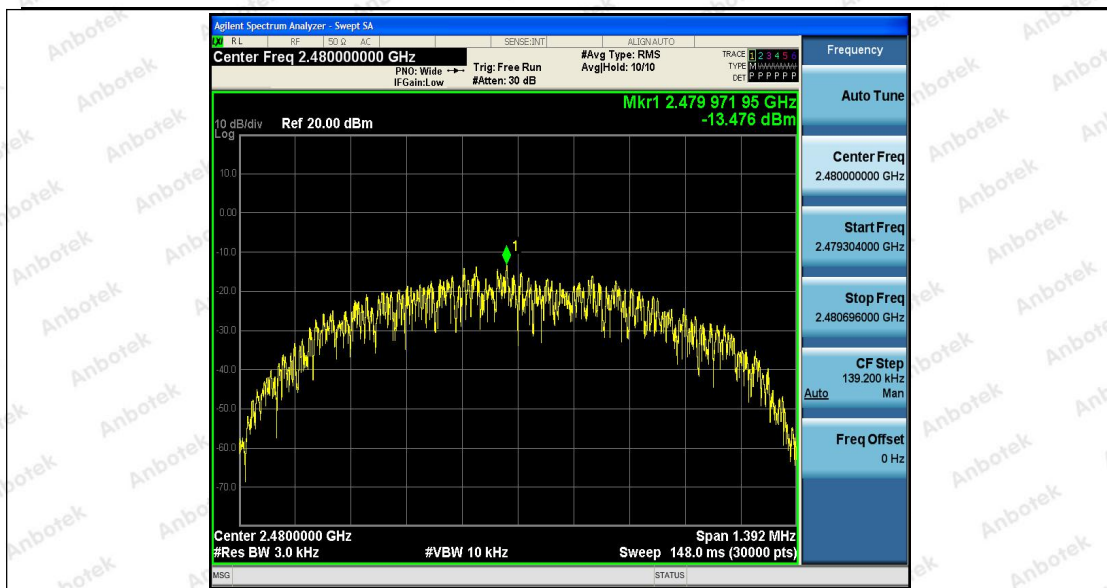


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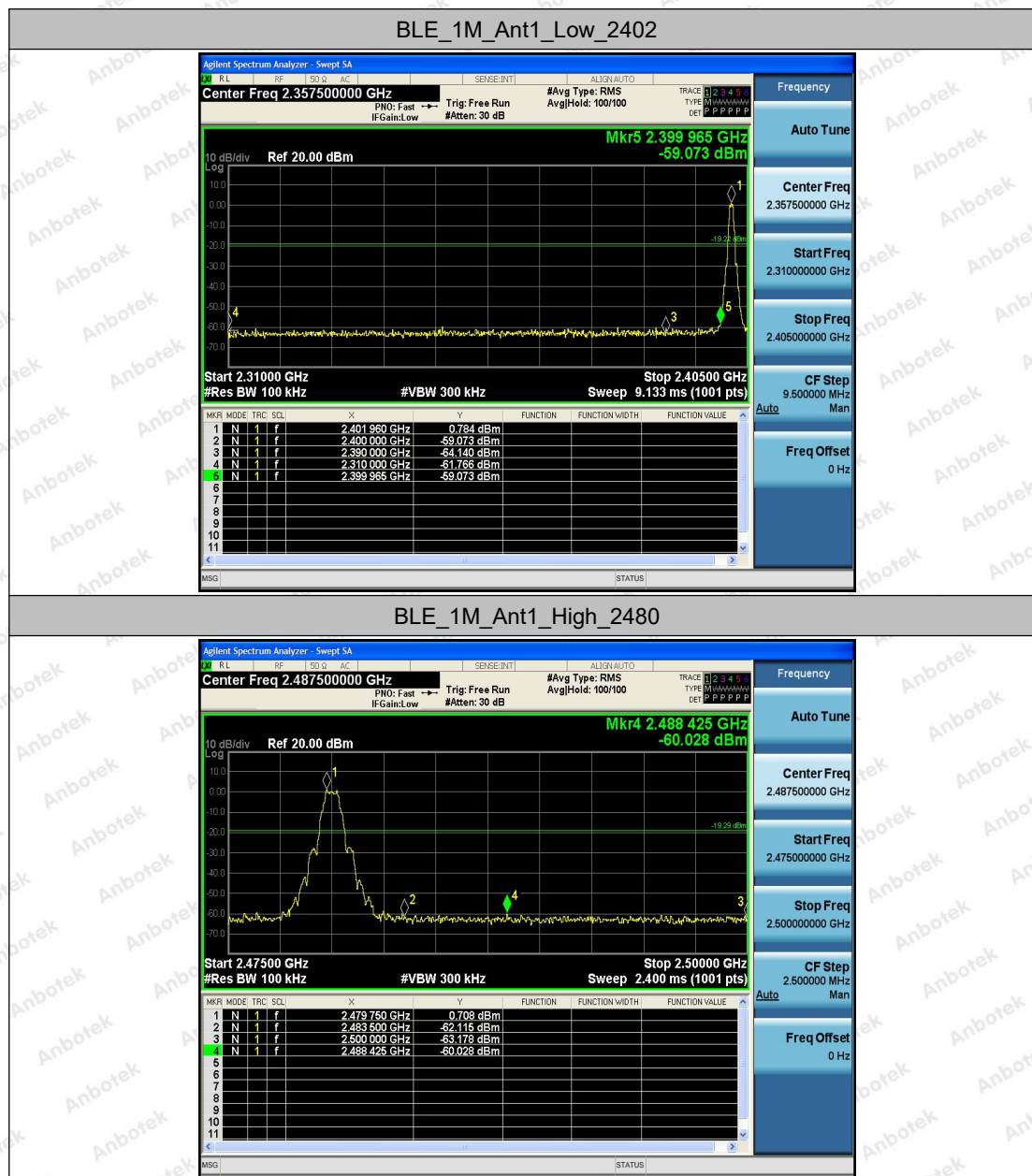
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.78	-59.07	≤-19.22	PASS
		High	2480	0.71	-60.03	≤-19.29	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

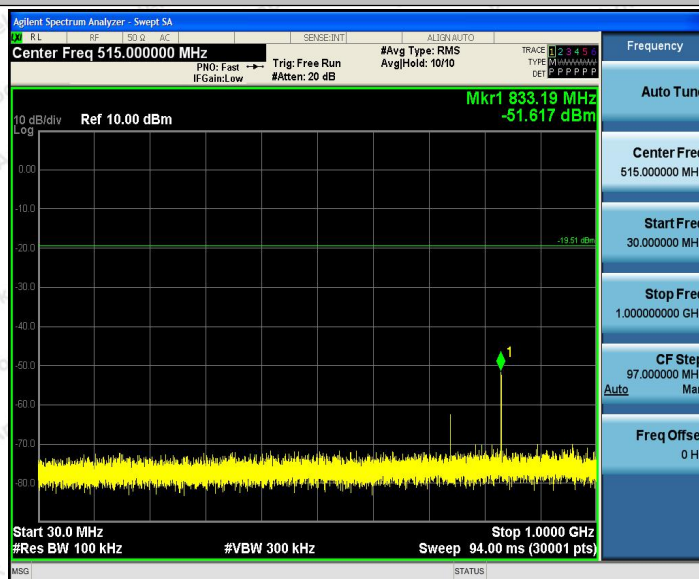
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.49	0.49	---	PASS
			30~1000	0.49	-51.62	≤-19.51	PASS
			1000~265 00	0.49	-45.66	≤-19.51	PASS
		2440	Reference	-0.98	-0.98	---	PASS
			30~1000	-0.98	-65.05	≤-20.98	PASS
			1000~265 00	-0.98	-49.28	≤-20.98	PASS
		2480	Reference	0.68	0.68	---	PASS
			30~1000	0.68	-64.13	≤-19.33	PASS
			1000~265 00	0.68	-49.06	≤-19.33	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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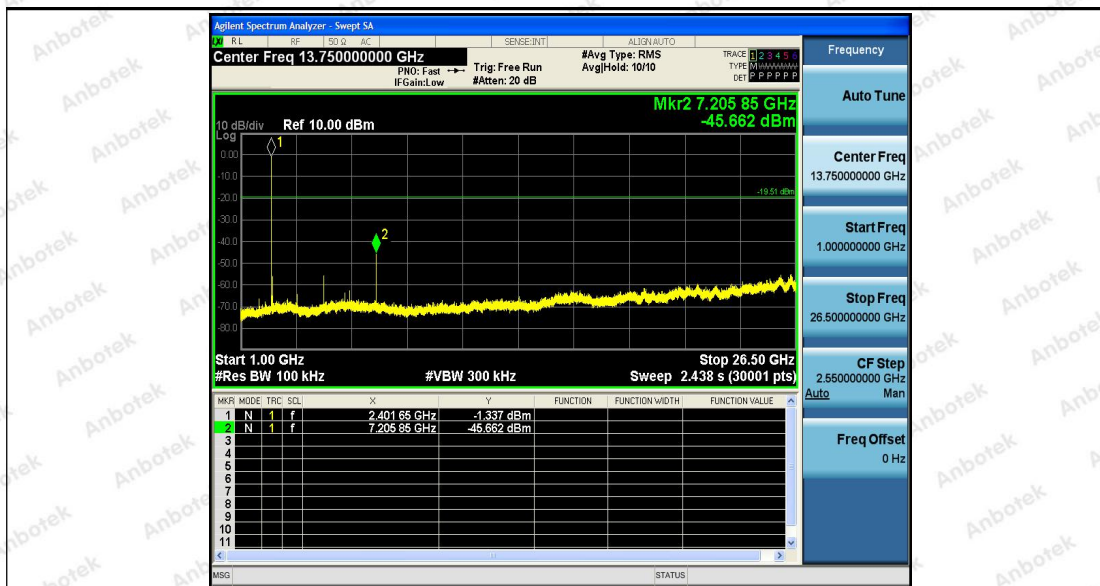
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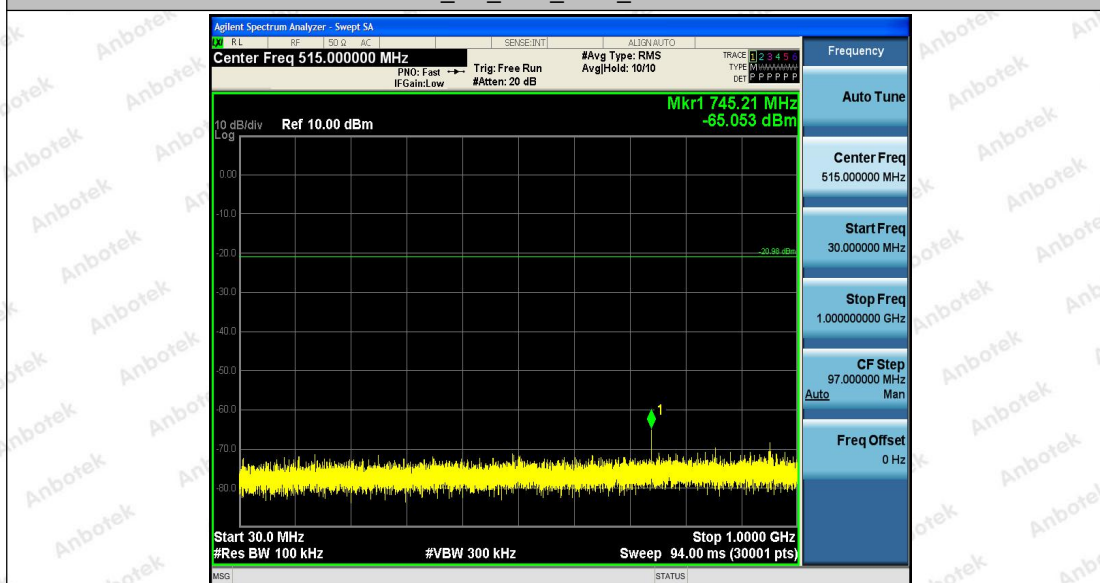
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



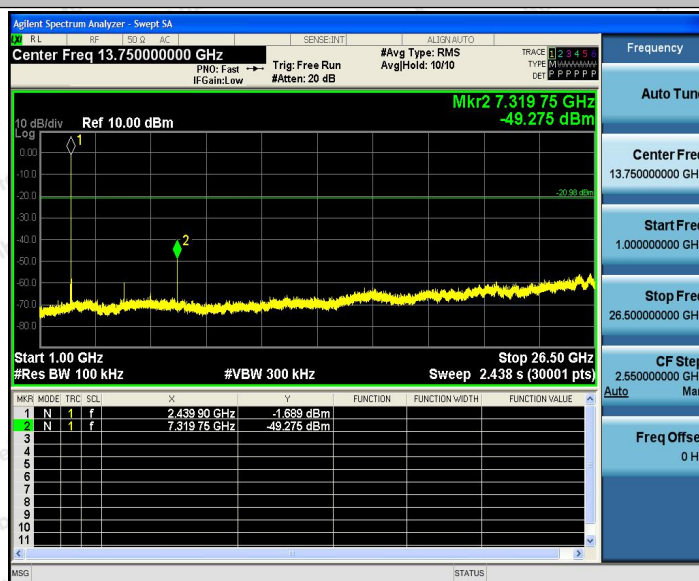
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



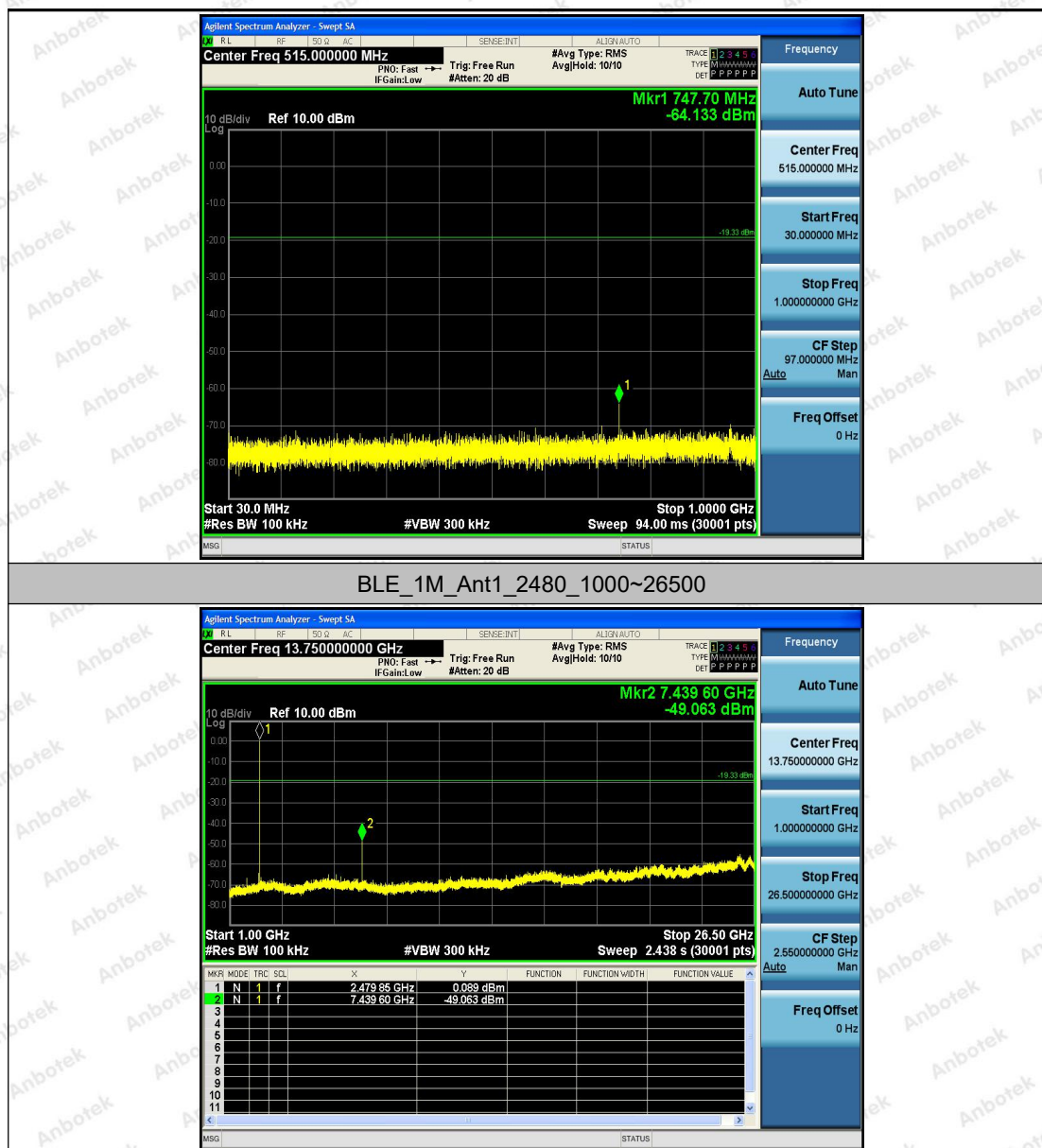
BLE_1M_Ant1_2480_30~1000

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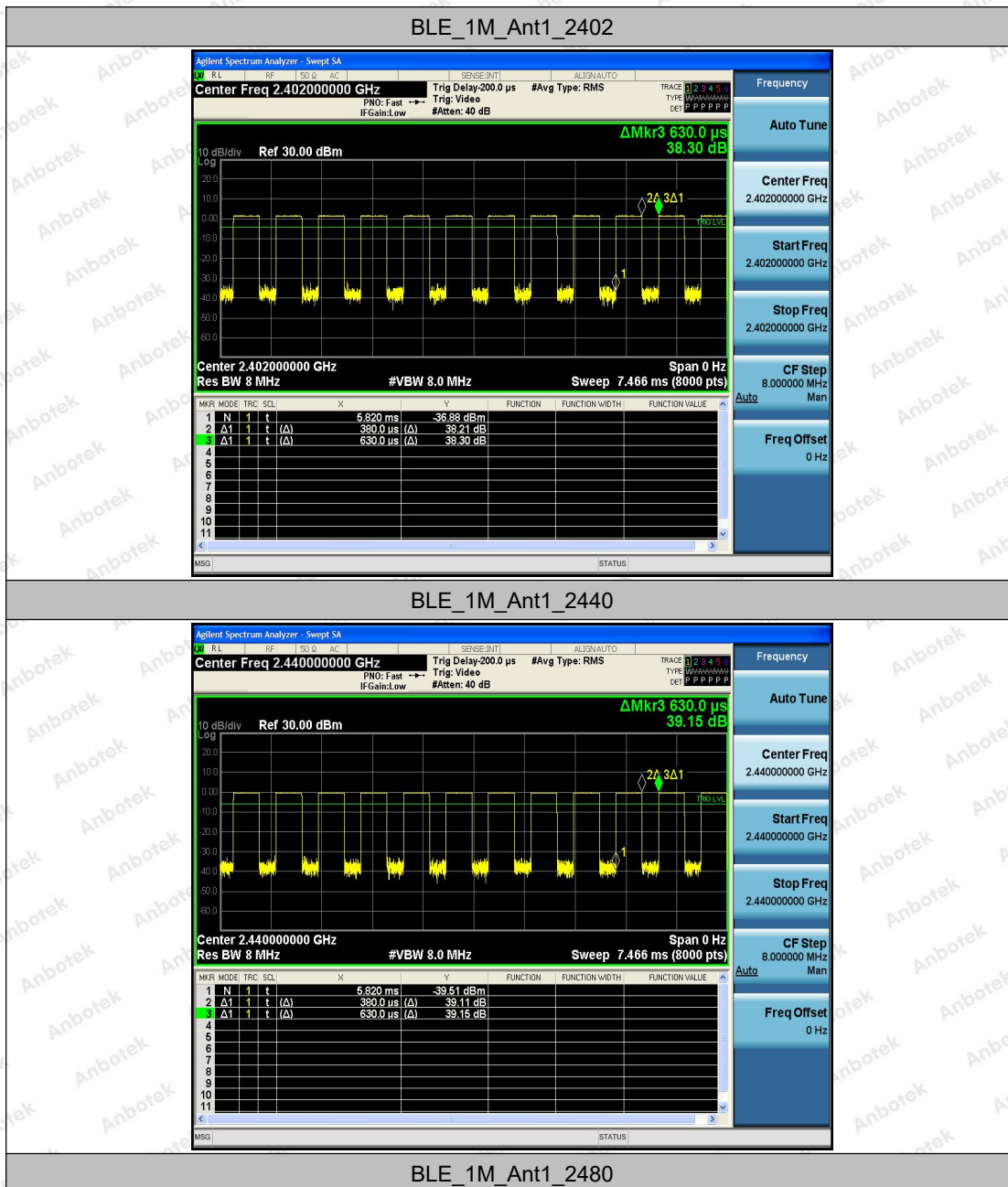
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Appendix G: Duty Cycle

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	0.63	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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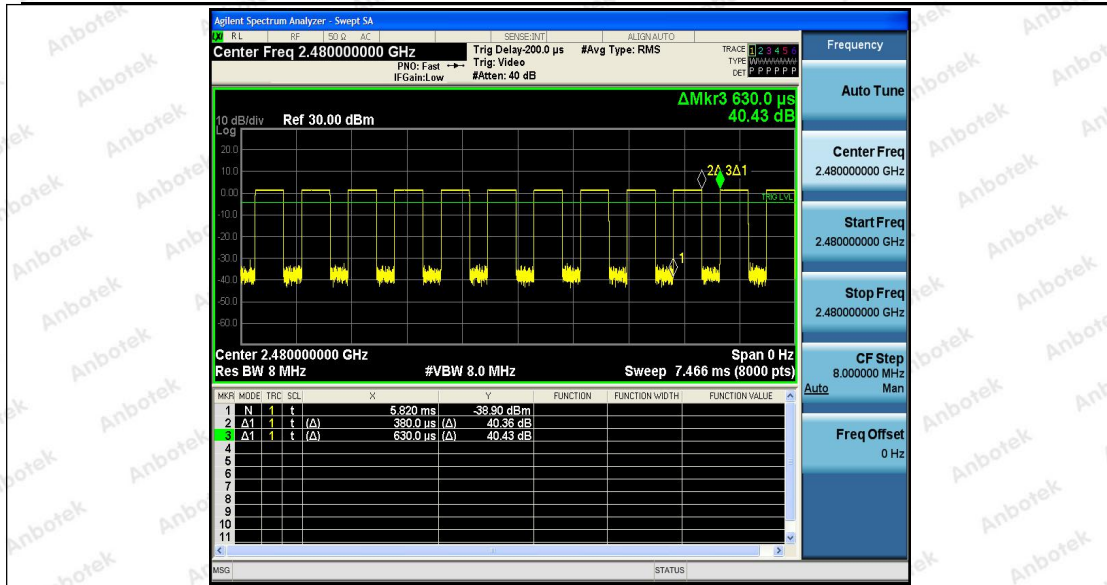
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