

Appendix Test Data

Project No.:	18220WC10176302	Test Date:	2021.8.6-8.23
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	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	0.712	2401.644	2402.356	>=0.5	PASS
		2440	0.692	2439.648	2440.340	>=0.5	PASS
		2480	0.692	2479.652	2480.344	>=0.5	PASS

Test Graphs



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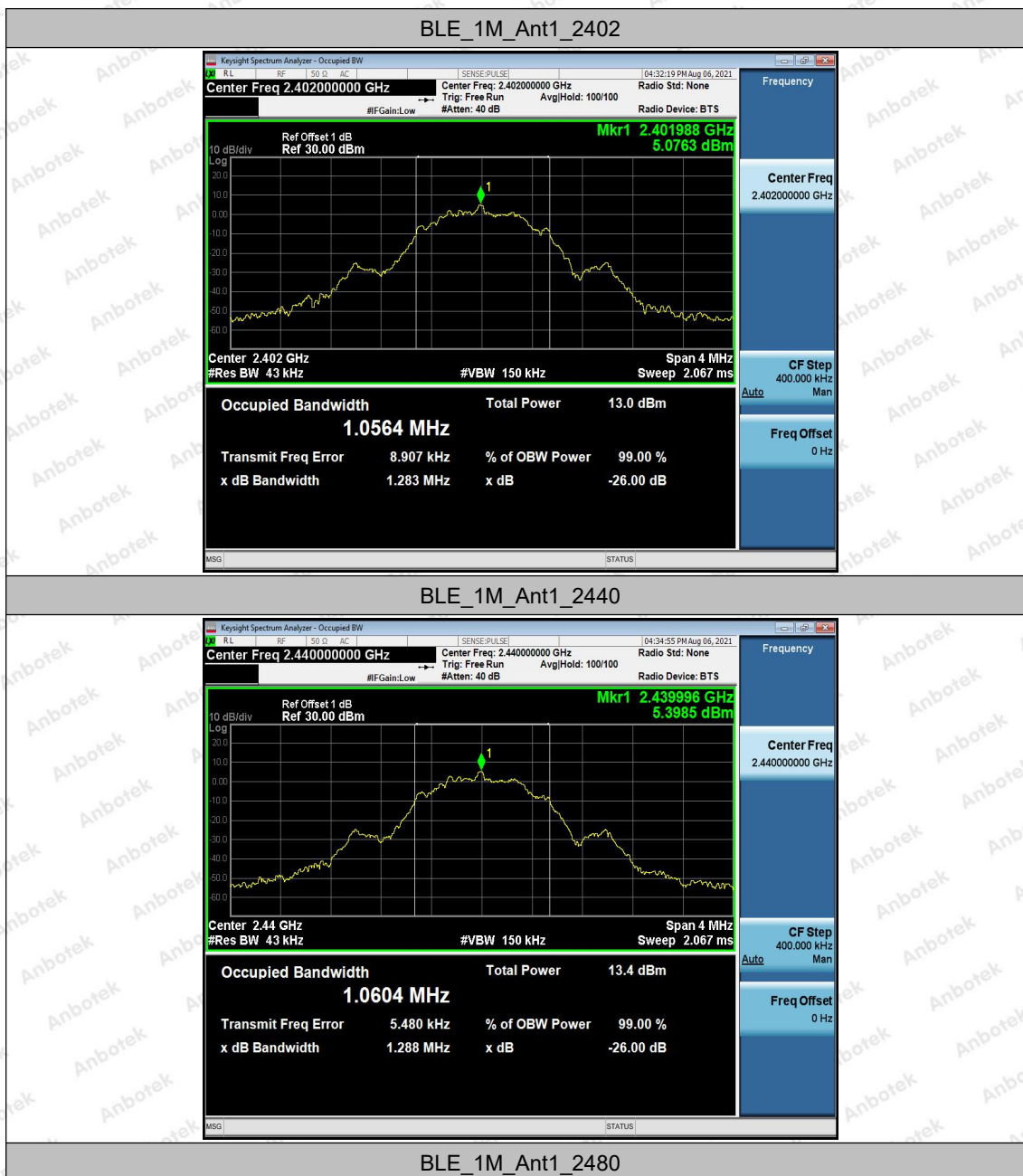
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0564	2401.481	2402.537	---	PASS
		2440	1.0604	2439.475	2440.536	---	PASS
		2480	1.0607	2479.474	2480.535	---	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	6.2	<=30	PASS
		2440	6.54	<=30	PASS
		2480	7.63	<=30	PASS

Test Graphs



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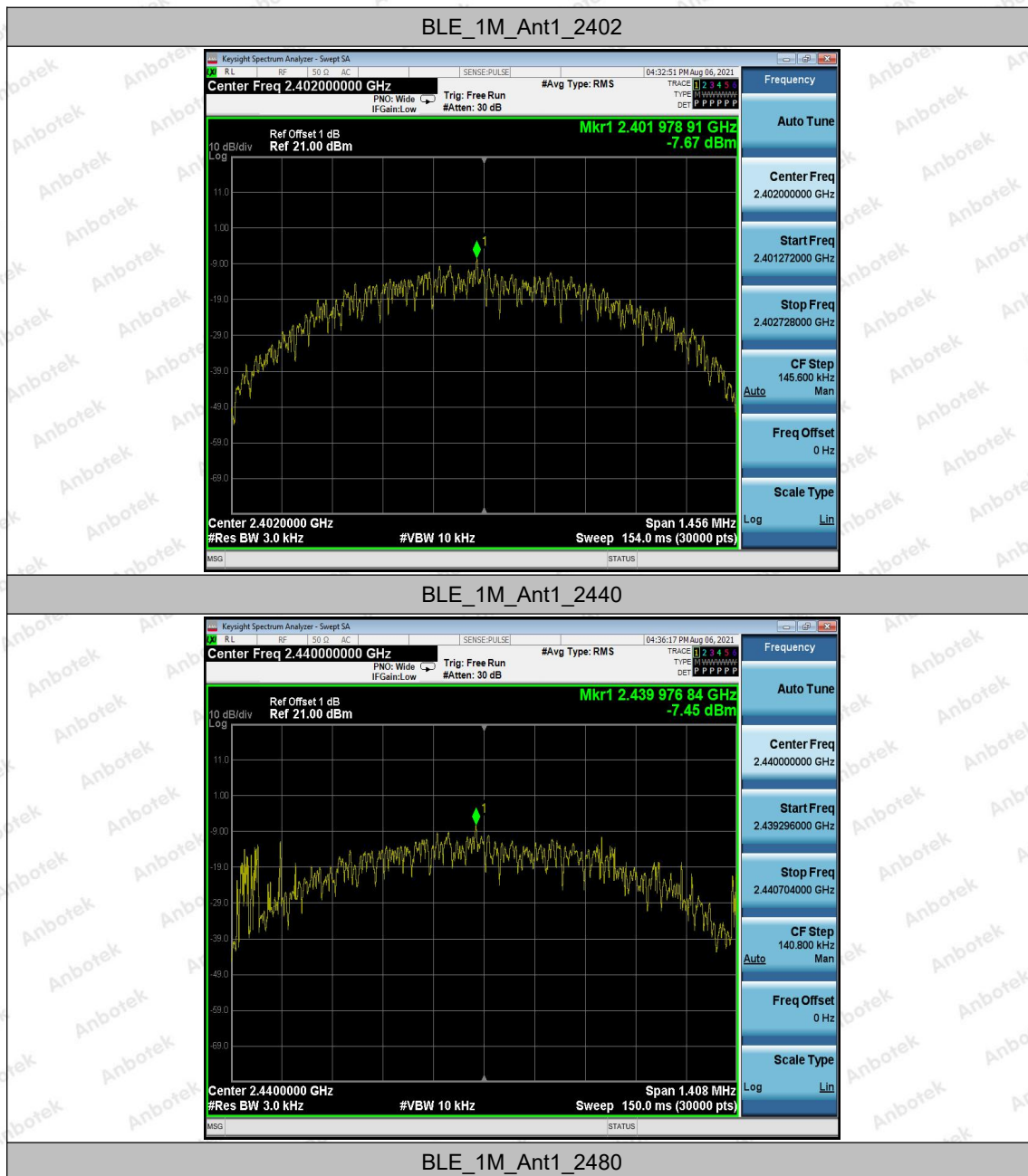
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/10kHz]	*Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-7.67	-12.90	<=8	PASS
		2440	-7.45	-12.68	<=8	PASS
		2480	-6.42	-11.65	<=8	PASS

Note: *Result [dBm/3kHz]= Result[dBm/10kHz]-10*Log(10/3)

Test Graphs



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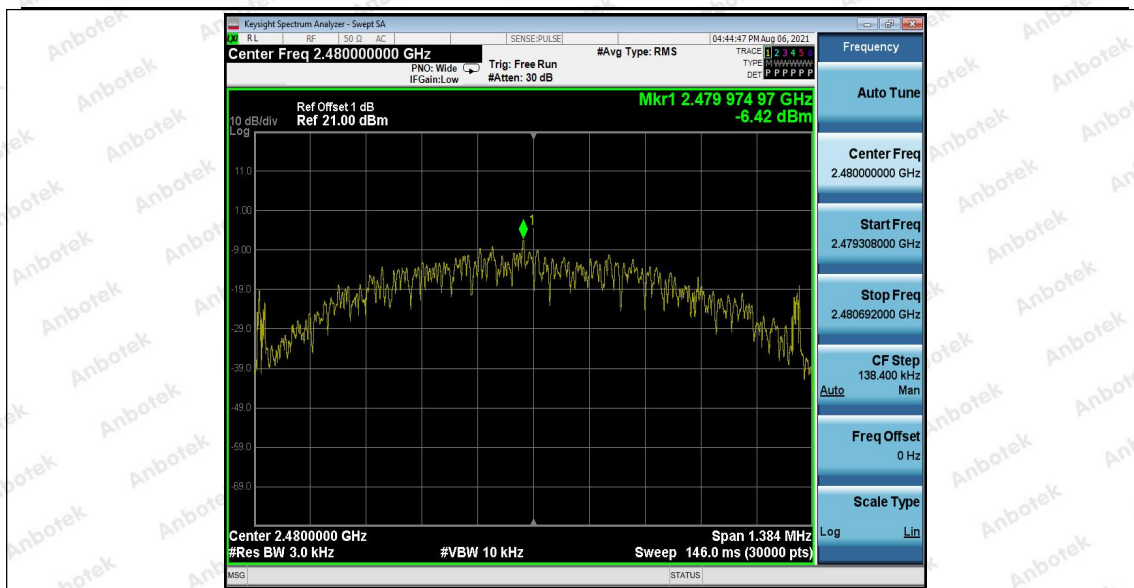
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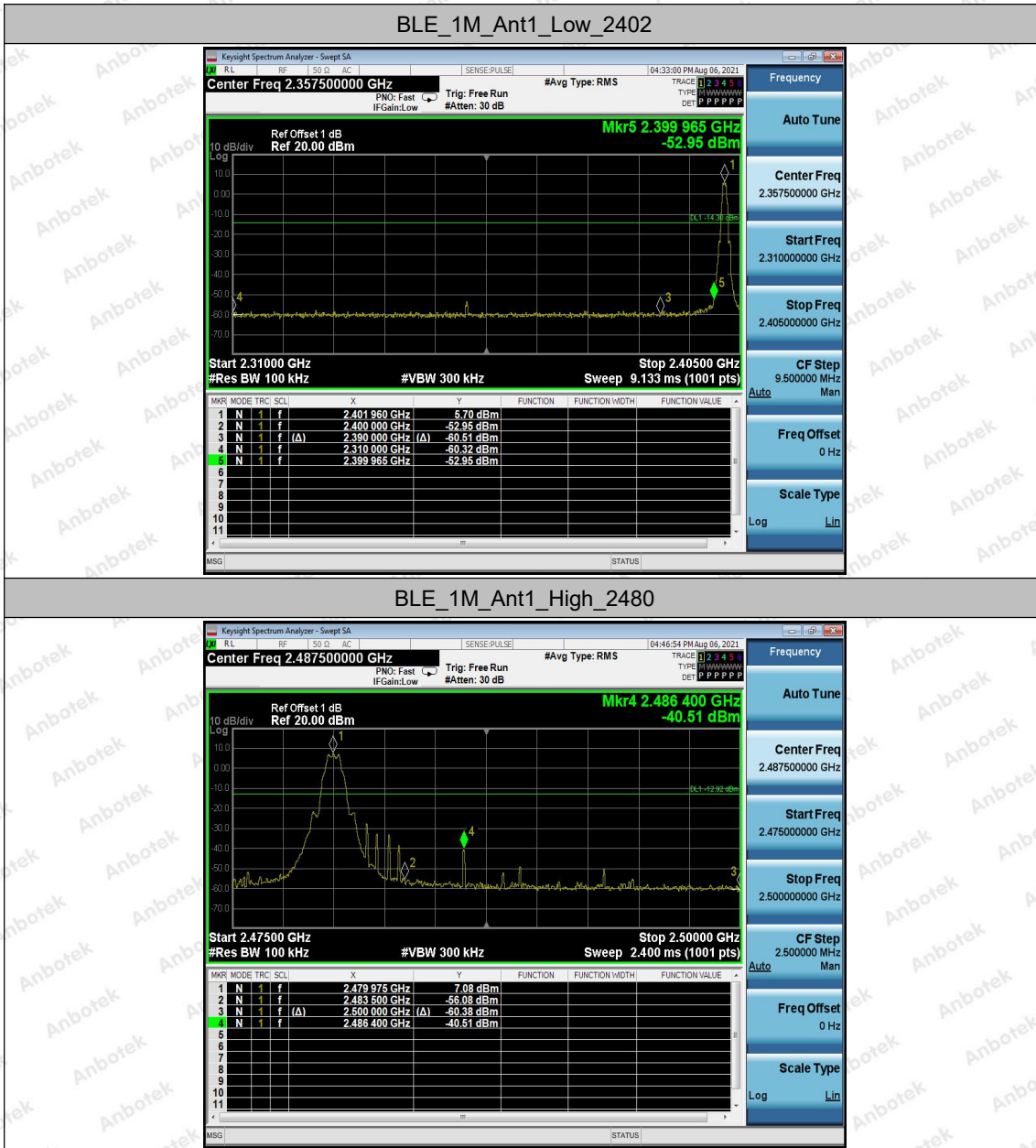
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.70	-52.95	<=-14.3	PASS
		High	2480	7.09	-40.51	<=-12.92	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	5.49	5.49	---	PASS
			30~1000	5.49	-67.3	<=-14.51	PASS
			1000~265000	5.49	-53.67	<=-14.51	PASS
		2440	Reference	5.82	5.82	---	PASS
			30~1000	5.82	-68.14	<=-14.18	PASS
			1000~265000	5.82	-53.01	<=-14.18	PASS
		2480	Reference	6.95	6.95	---	PASS
			30~1000	6.95	-68.38	<=-13.05	PASS
			1000~265000	6.95	-59.98	<=-13.05	PASS

Test Graphs



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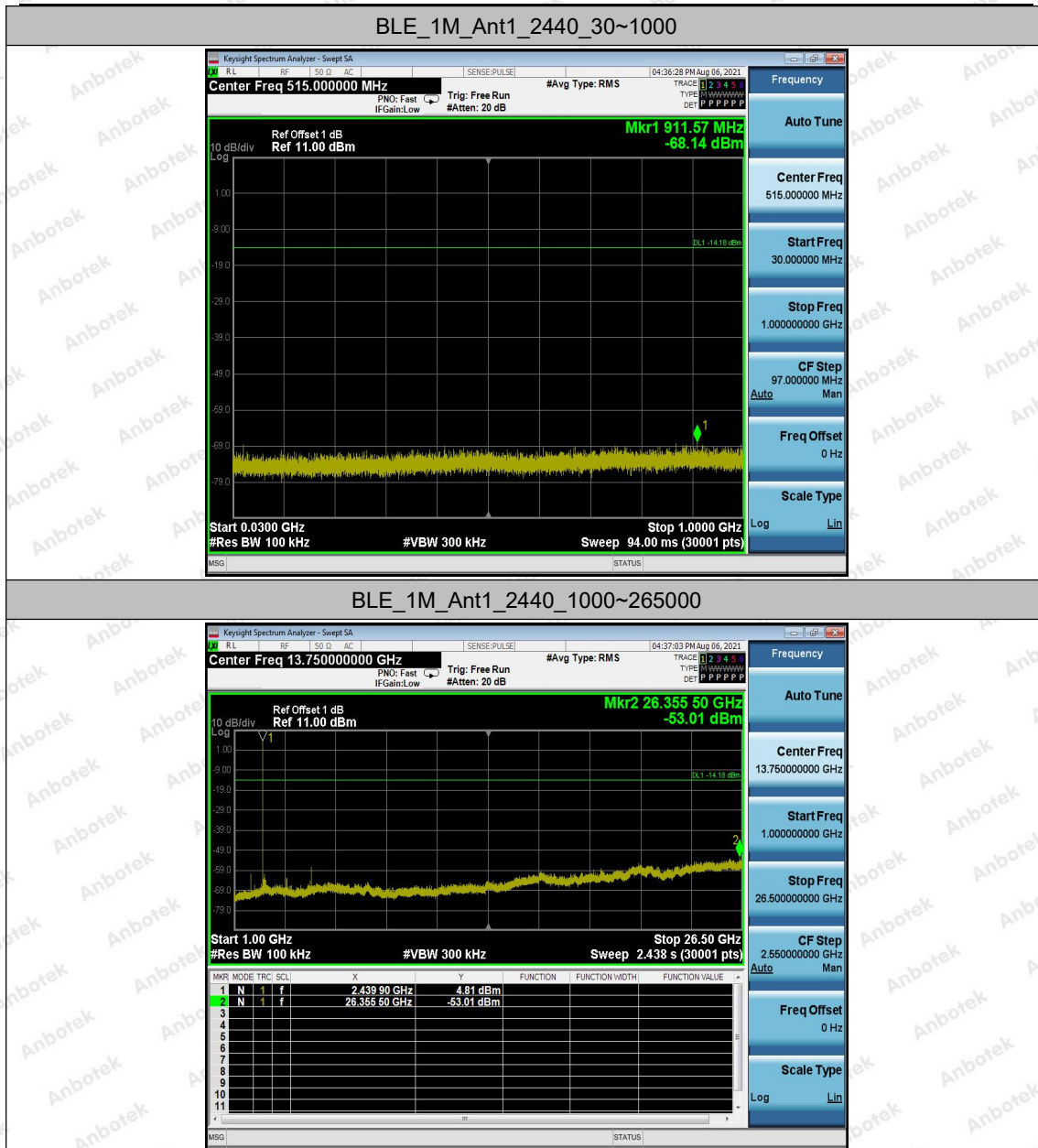


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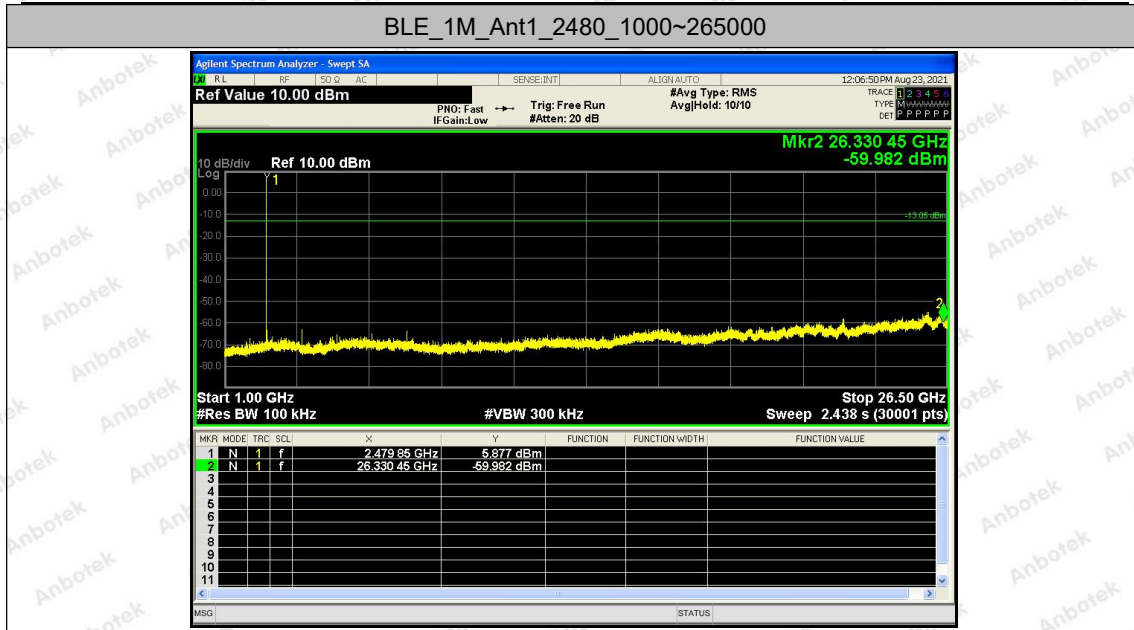


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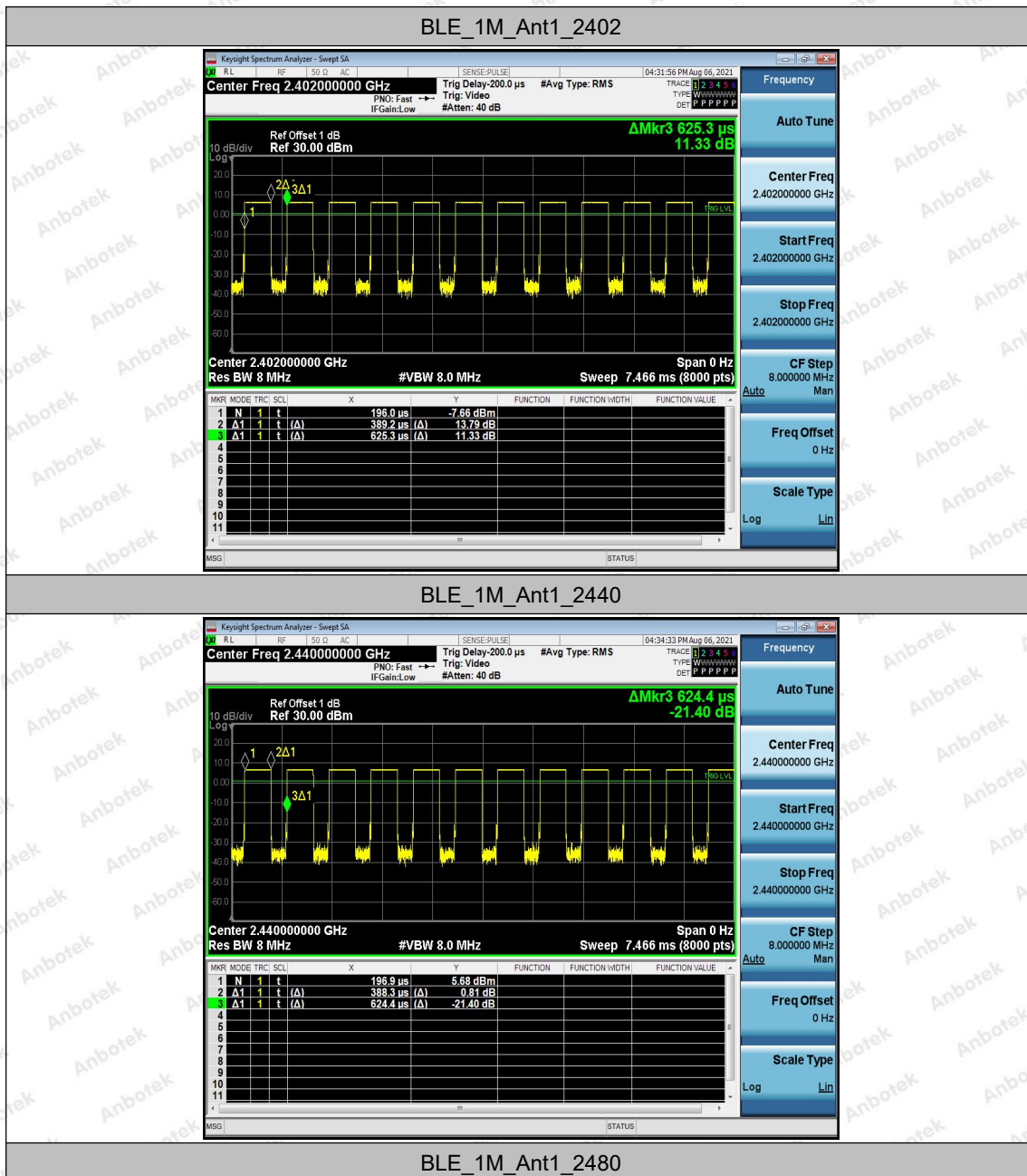
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.63	0.6190	61.90	2.08	---	PASS
		2440	0.39	0.62	0.6290	62.90	2.01	---	PASS
		2480	0.39	0.63	0.6190	61.90	2.08	---	PASS

Test Graphs



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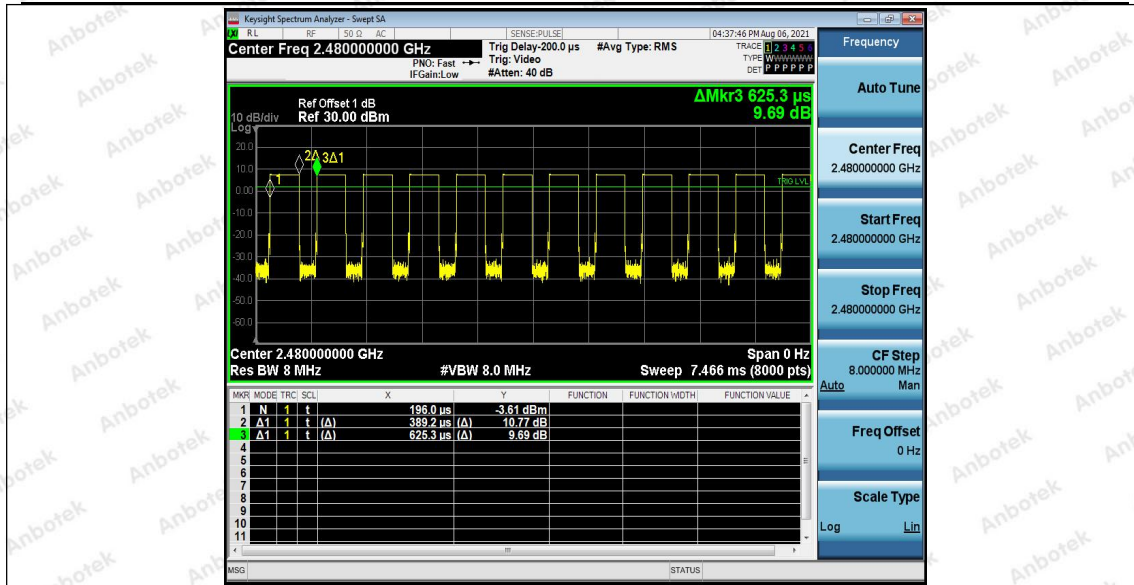
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