

Appendix Test Data

Report No.:	18220WC10157802	Test Date:	2021.7.16
Test Engineer:	<i>Jony. He</i>	Auditor:	<i>Edward. Pan</i>
Temperature:	24.3°C	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	0.660	2401.656	2402.316	≥ 0.5	PASS
		2440	0.676	2439.648	2440.324	≥ 0.5	PASS
		2480	0.656	2479.660	2480.316	≥ 0.5	PASS

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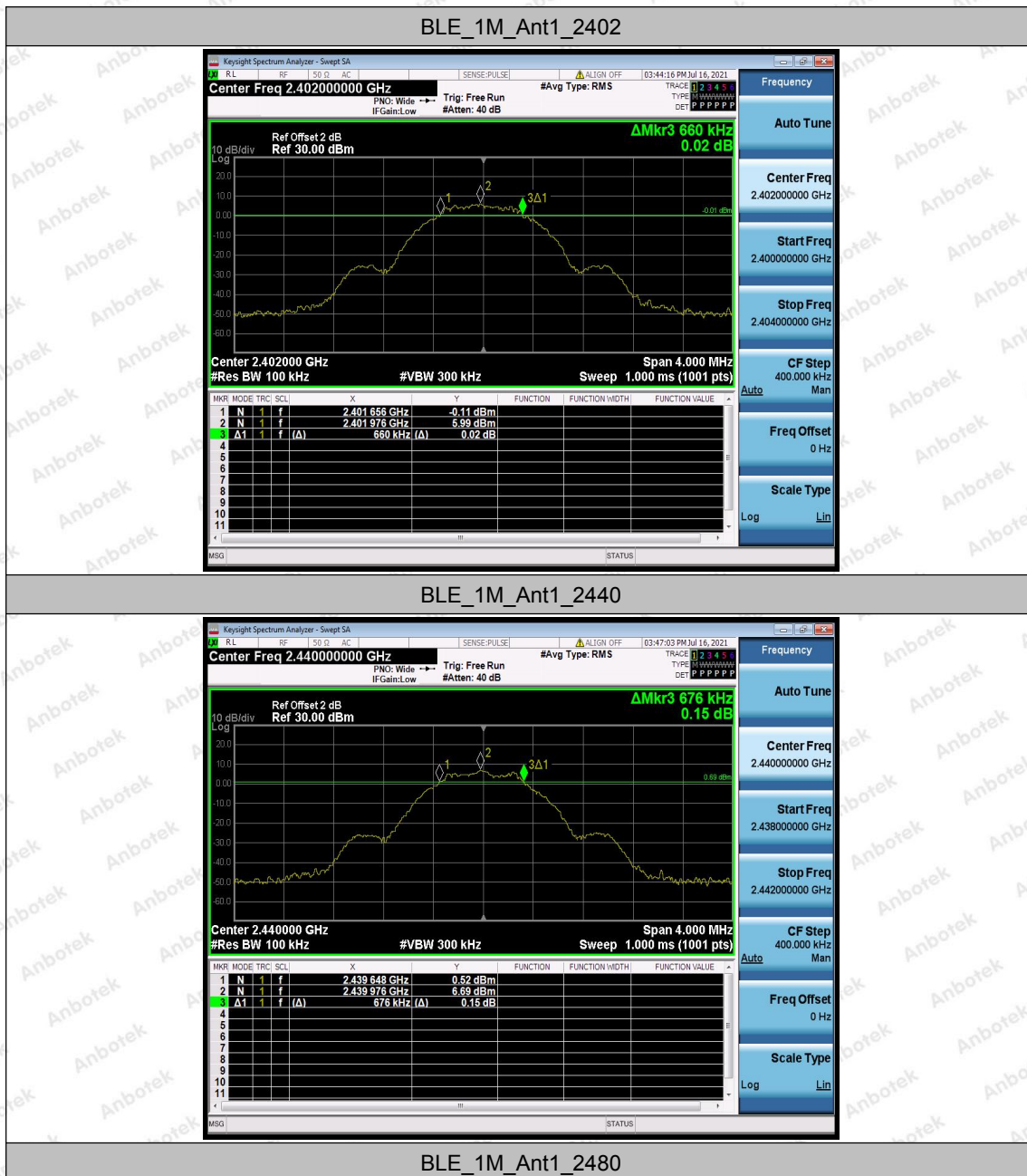
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Test Graphs



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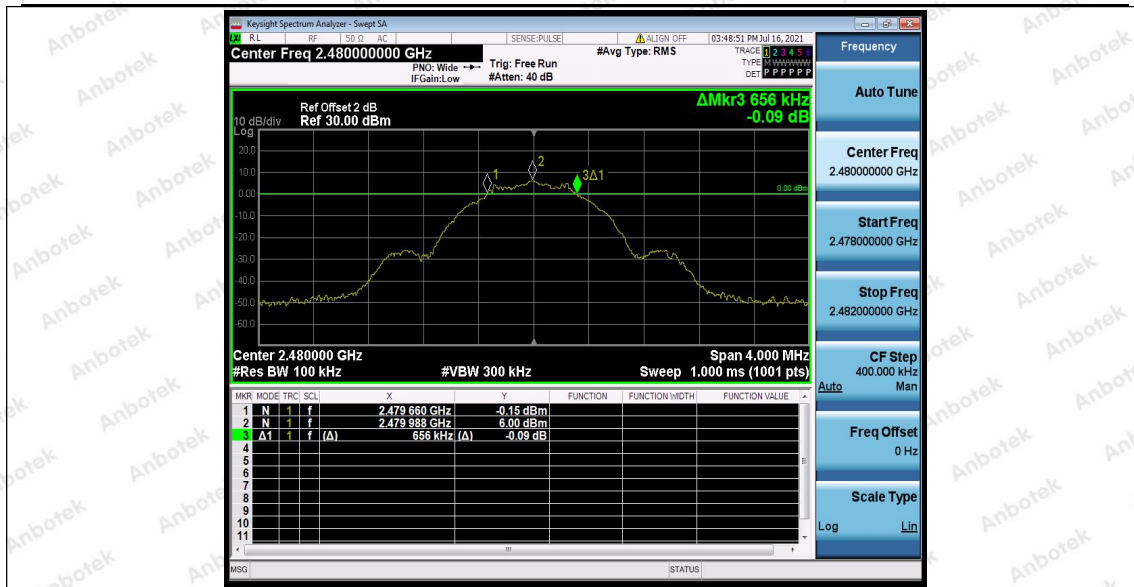
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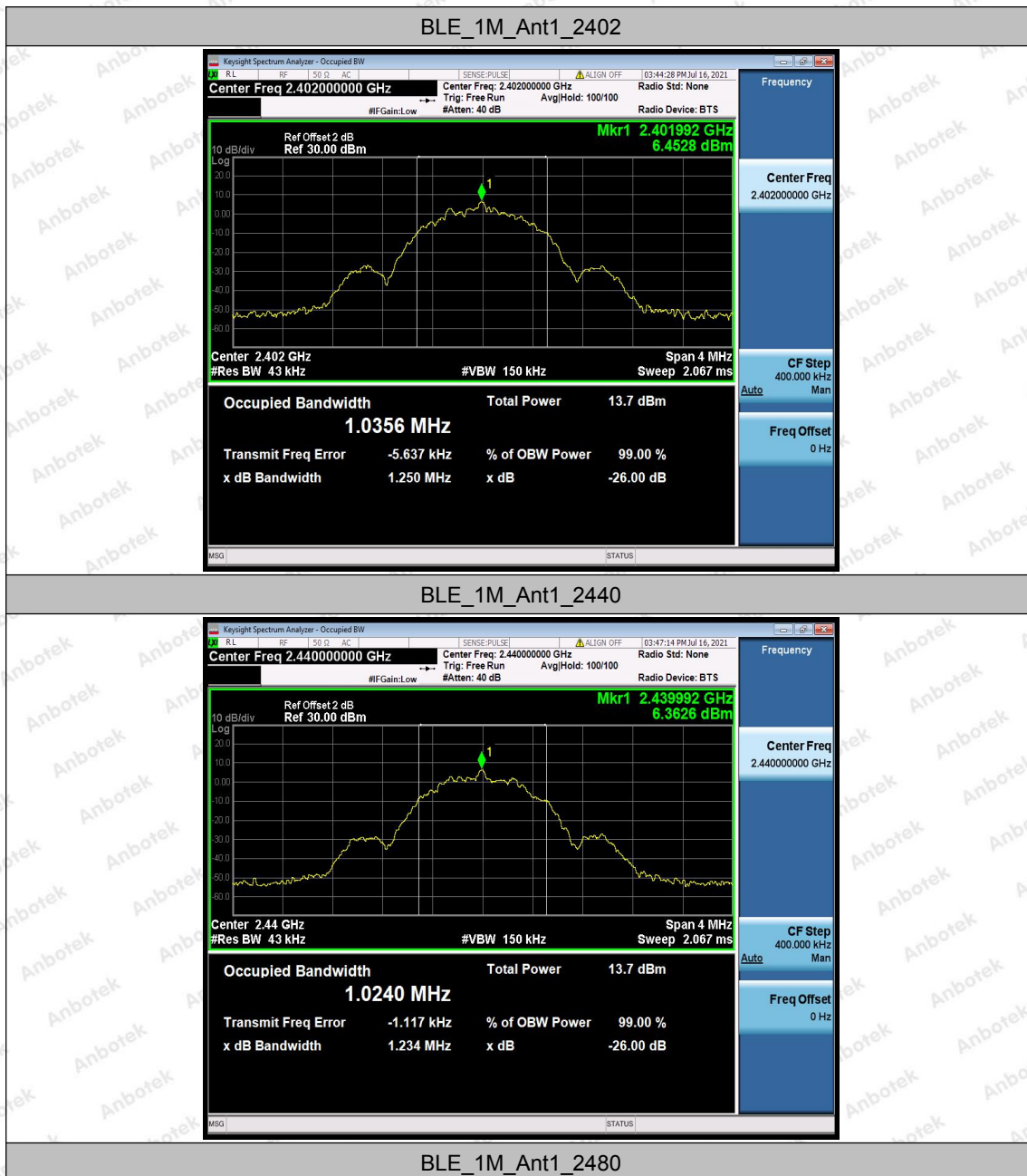
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0356	2401.477	2402.512	---	PASS
		2440	1.0240	2439.487	2440.511	---	PASS
		2480	1.0208	2479.484	2480.505	---	PASS

Test Graphs



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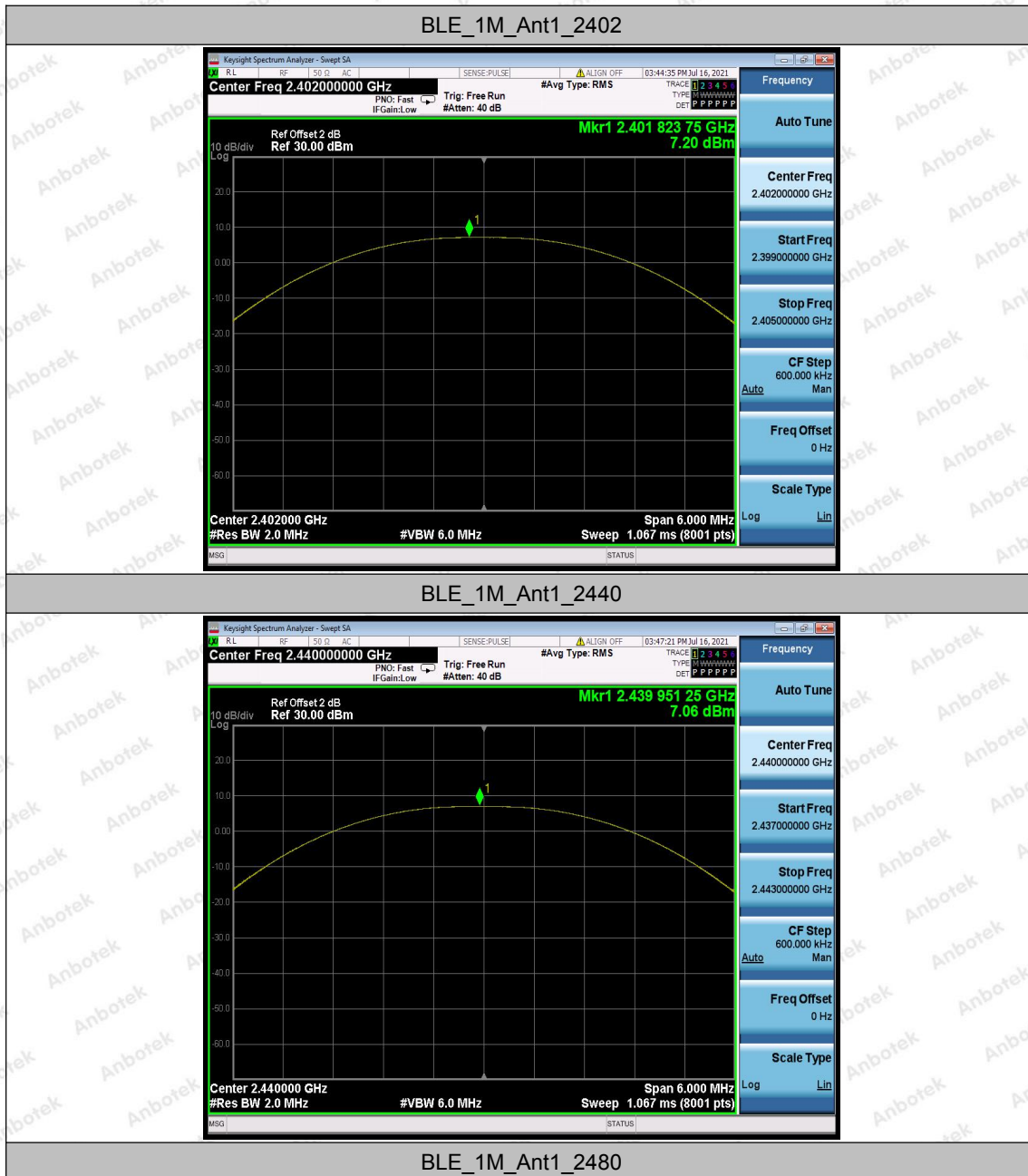
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.2	<=30	PASS
		2440	7.06	<=30	PASS
		2480	6.16	<=30	PASS

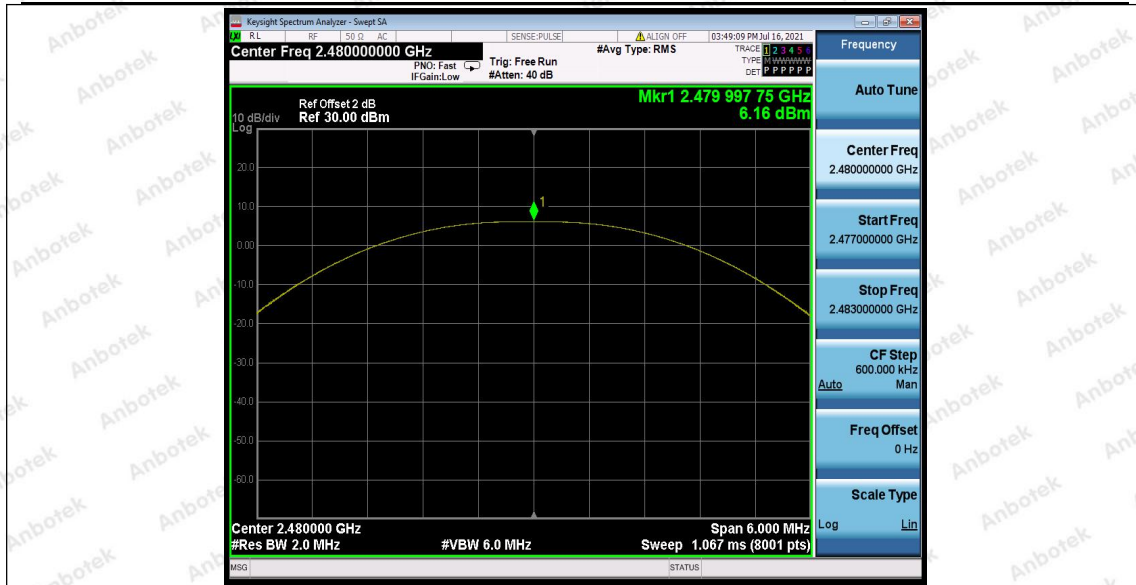
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-2.03	<=8	PASS
		2440	-2.42	<=8	PASS
		2480	-3.23	<=8	PASS

Test Graphs



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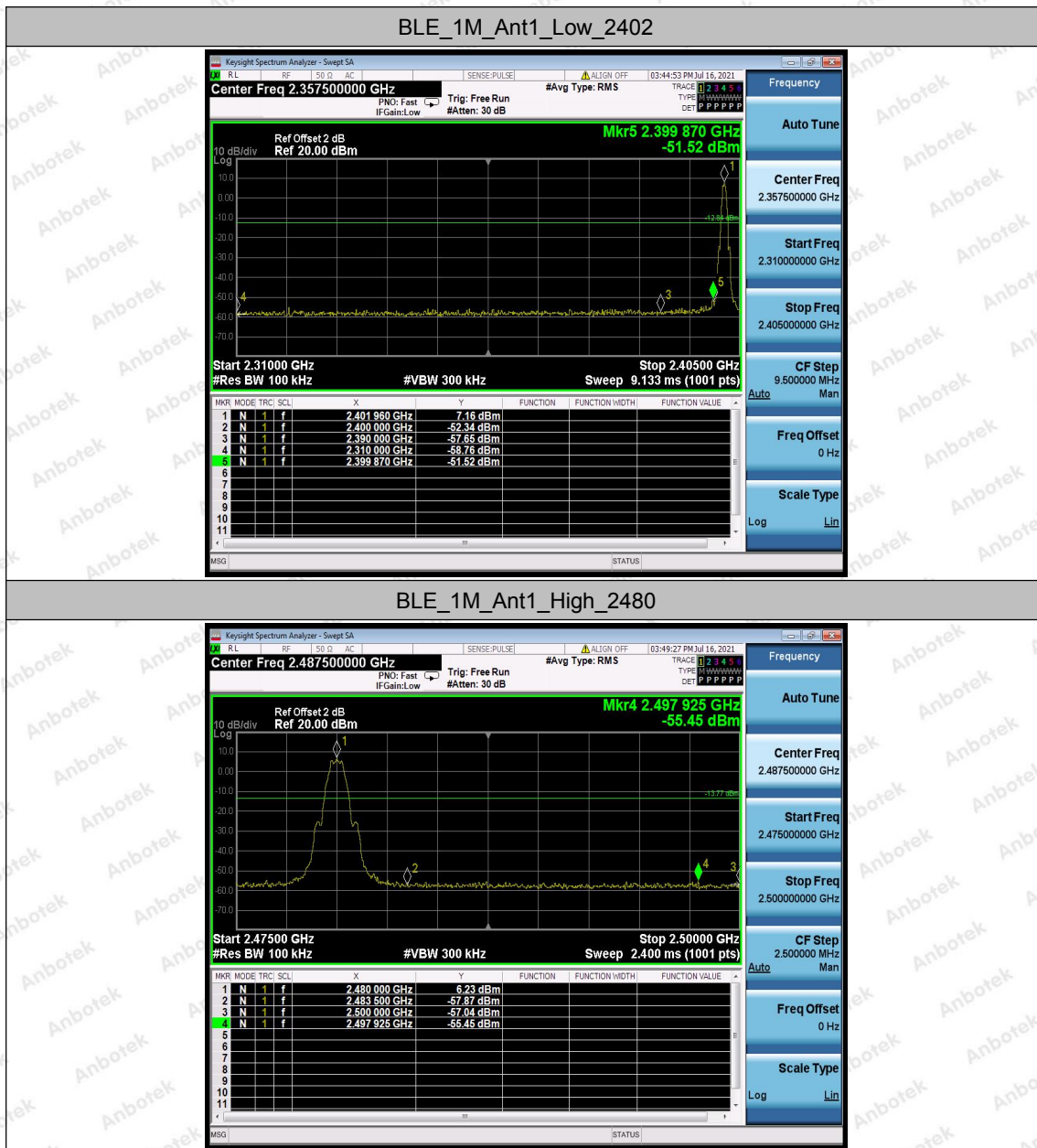
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.16	-51.52	<=-12.84	PASS
		High	2480	6.23	-55.45	<=-13.77	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	7.06	7.06	---	PASS
			30~1000	7.06	-66.89	<=-12.94	PASS
			1000~26500	7.06	-53.34	<=-12.94	PASS
		2440	Reference	6.96	6.96	---	PASS
			30~1000	6.96	-65.94	<=-13.04	PASS
			1000~26500	6.96	-52.74	<=-13.04	PASS
		2480	Reference	6.03	6.03	---	PASS
			30~1000	6.03	-66.66	<=-13.97	PASS
			1000~26500	6.03	-52.94	<=-13.97	PASS

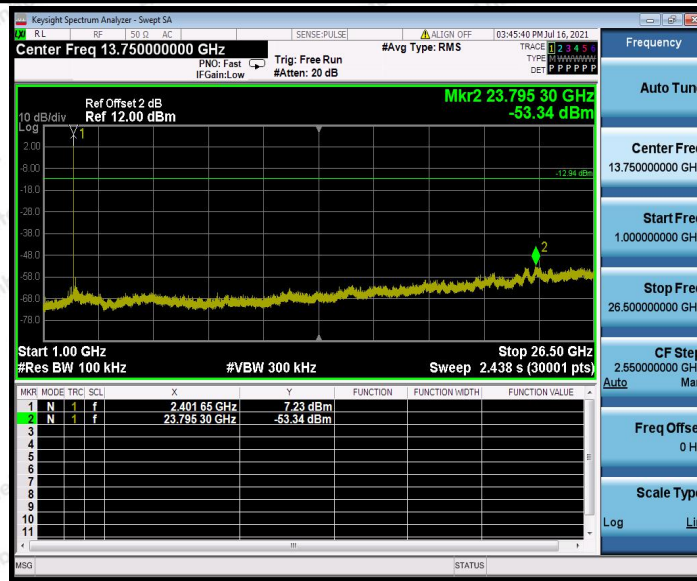
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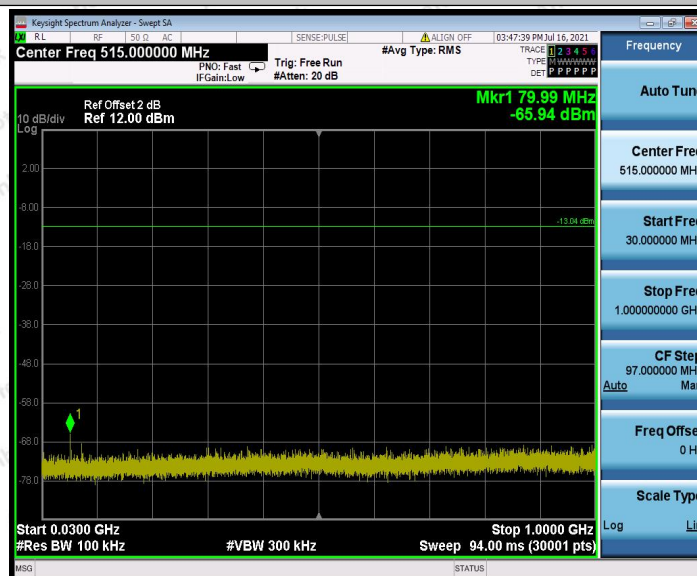
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



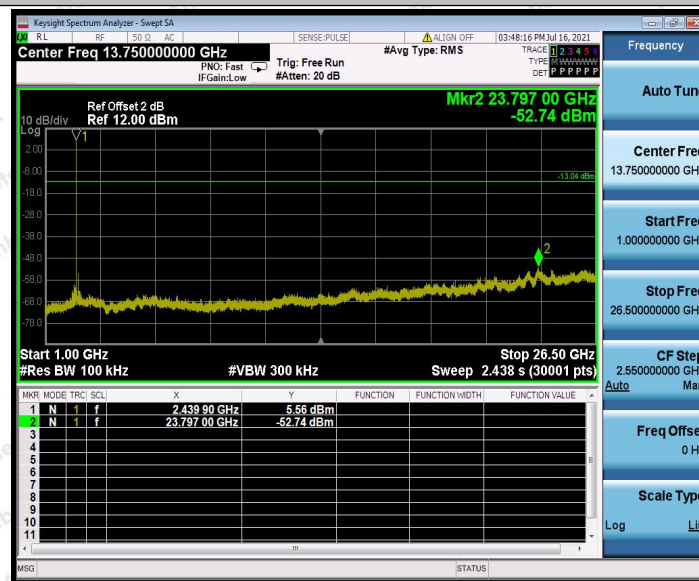
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference

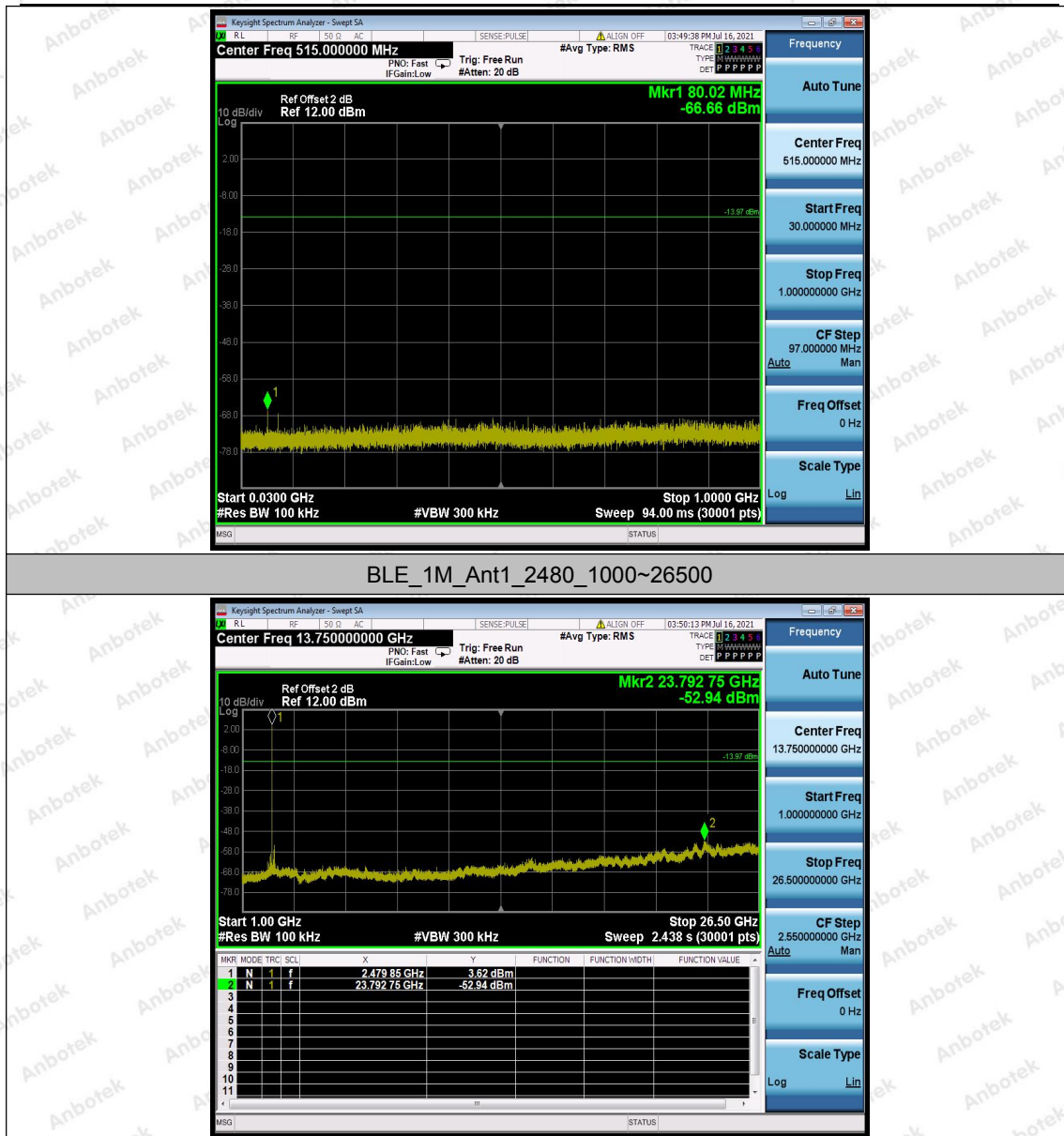


BLE_1M_Ant1_2480_30~1000

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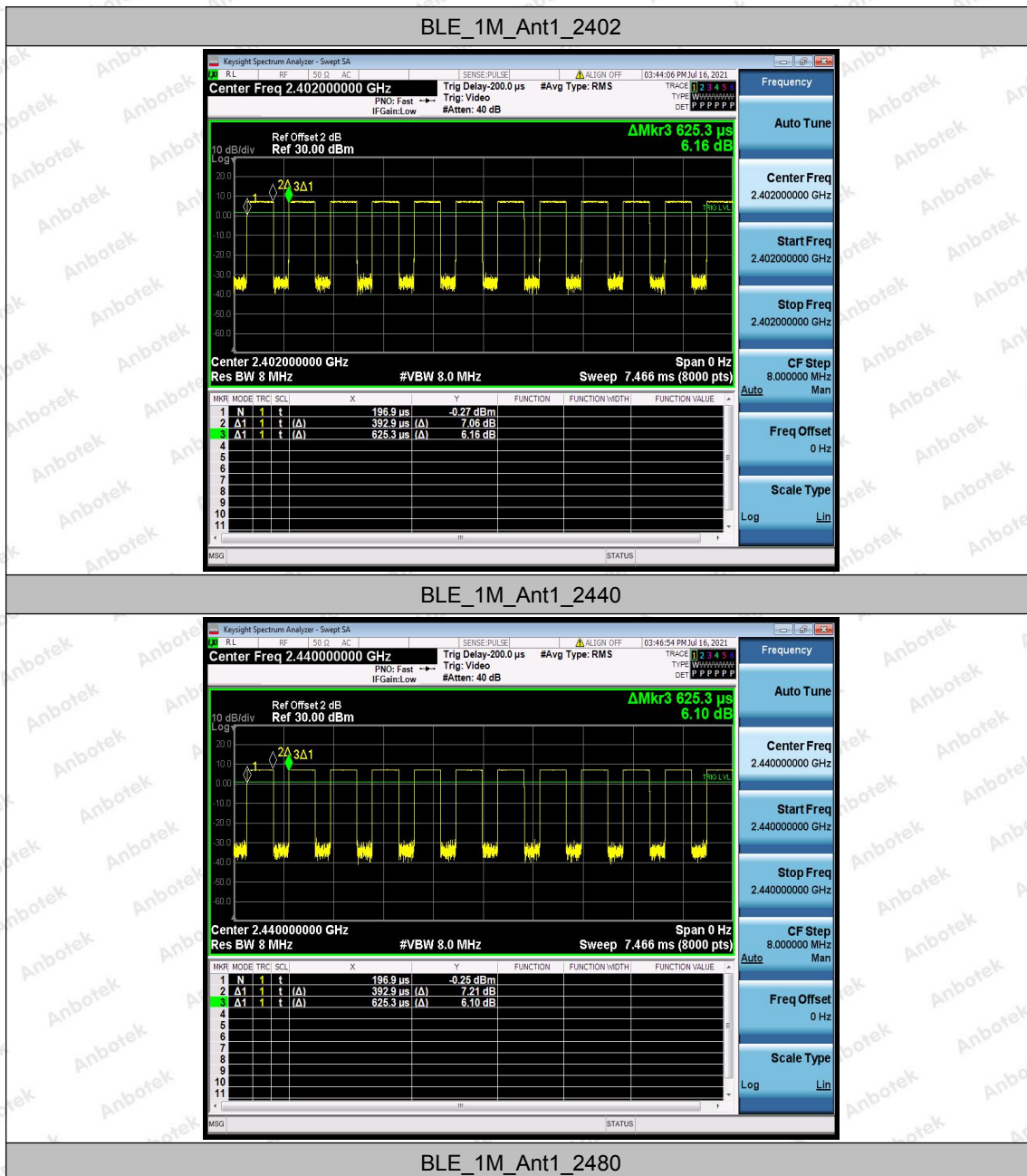
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Appendix G: Duty Cycle

Test Result

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

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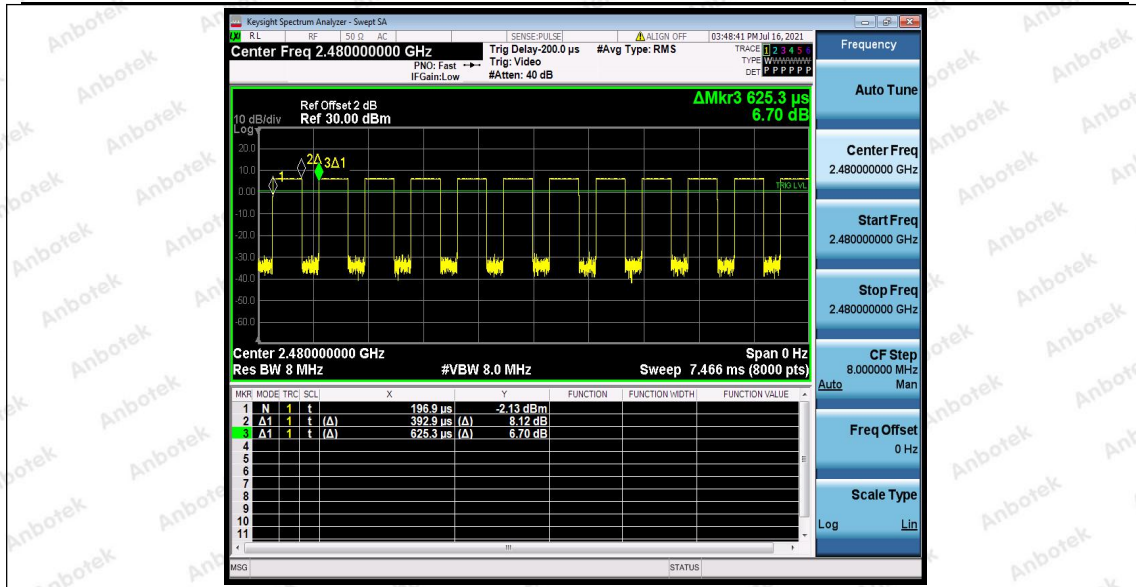
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