

Appendix Test Data

Report No.:	18220WC10158801	Test Date:	2021.7.20
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	Relative Humidity:	55.8 %
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	0.684	2401.648	2402.332	>=0.5	PASS
		2440	0.700	2439.632	2440.332	>=0.5	PASS
		2480	0.696	2479.640	2480.336	>=0.5	PASS

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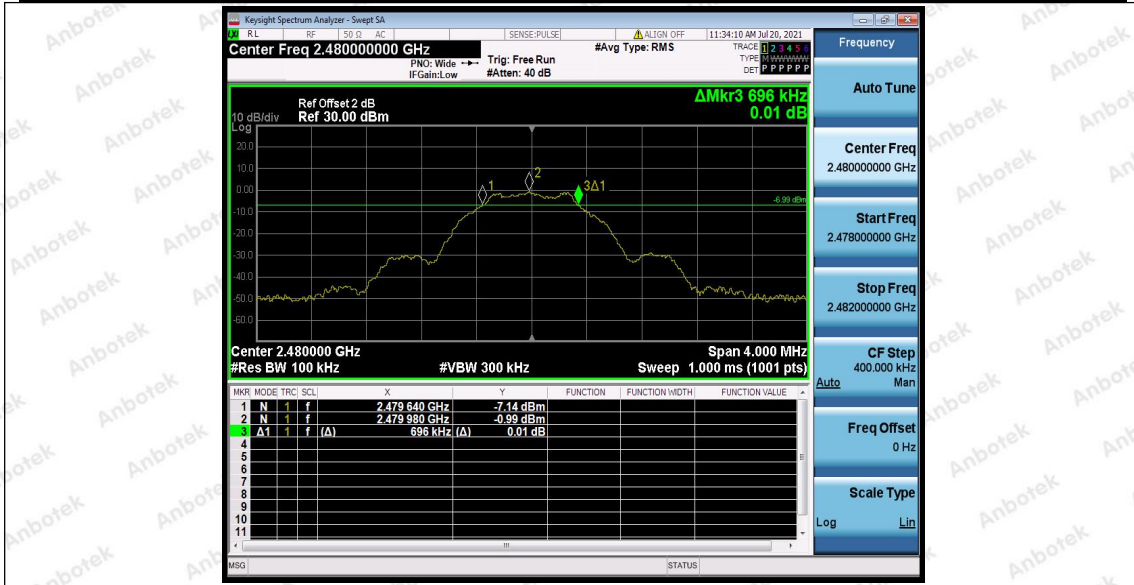
Test Graphs



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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	1.0289	2401.488	2402.517	---	PASS
		2440	1.0287	2439.490	2440.519	---	PASS
		2480	1.0284	2479.490	2480.519	---	PASS

Test Graphs



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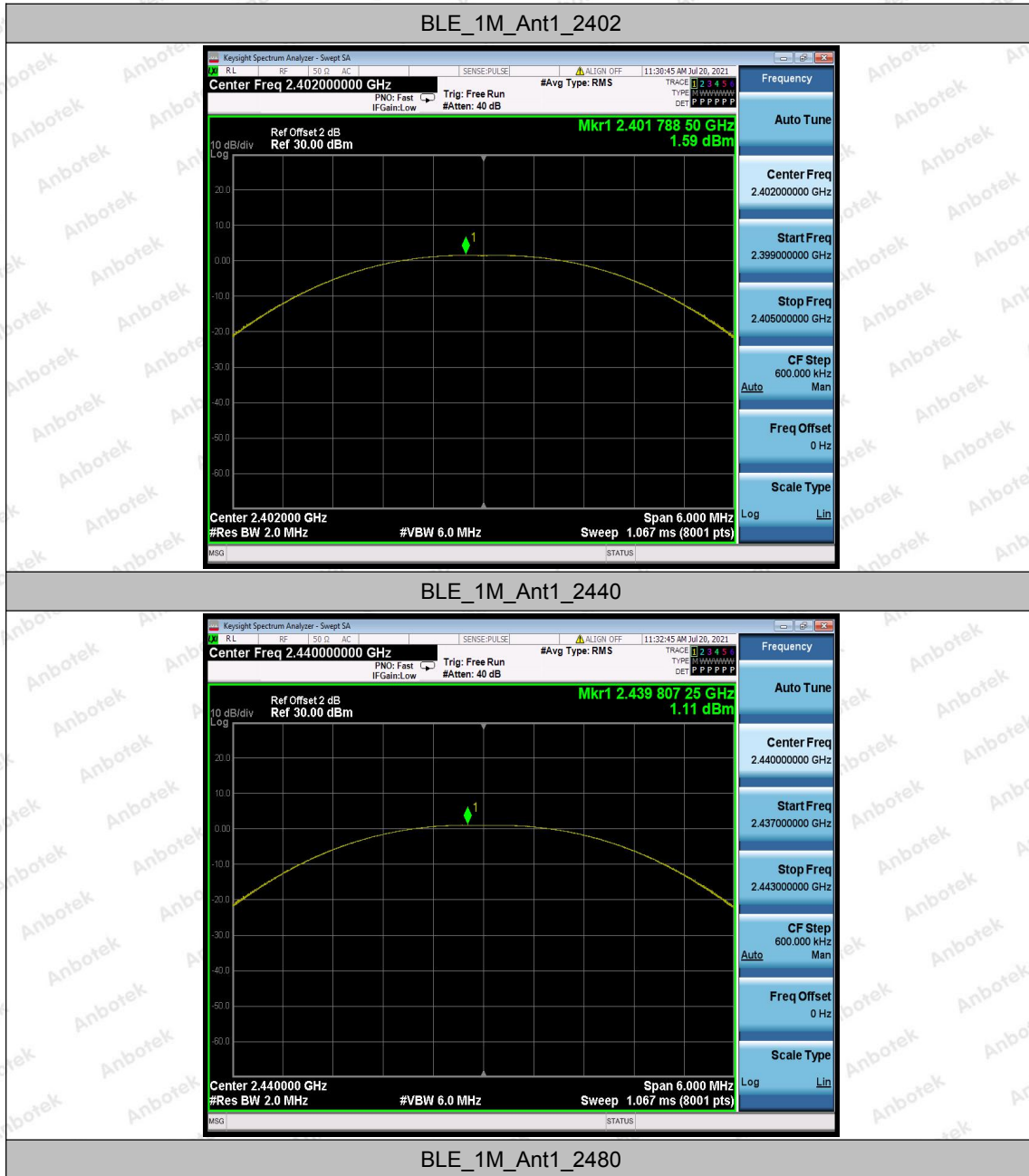
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.59	<=30	PASS
		2440	1.11	<=30	PASS
		2480	0.45	<=30	PASS

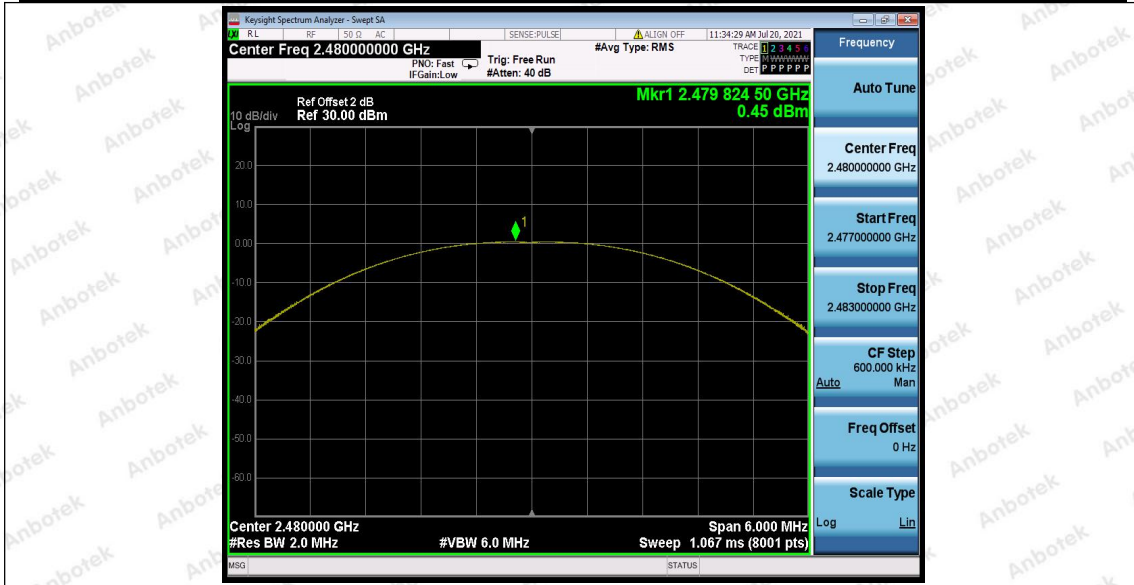
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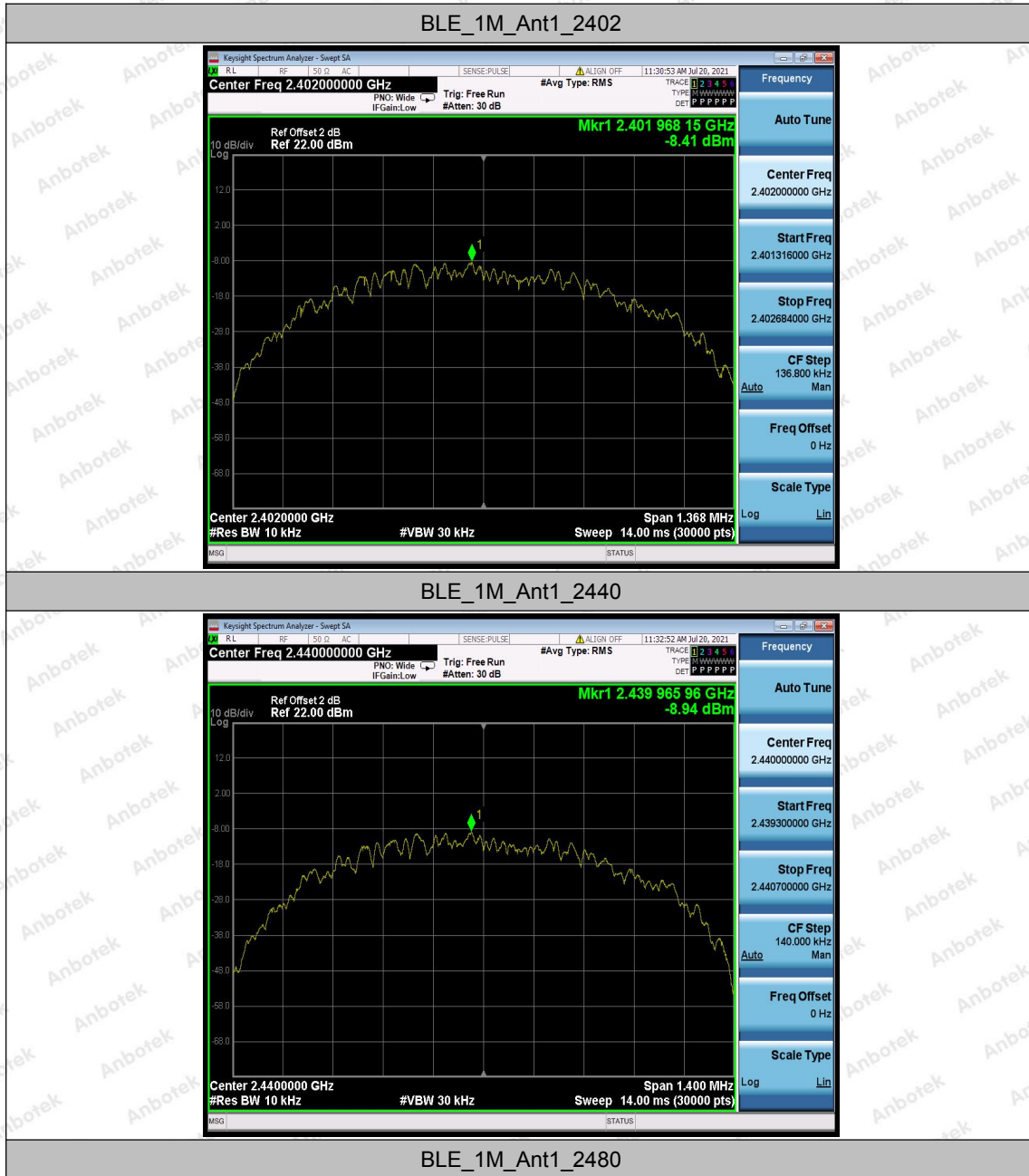
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.41	-13.64	<=8	PASS
		2440	-8.94	-14.17	<=8	PASS
		2480	-9.63	-14.86	<=8	PASS

Test Graphs



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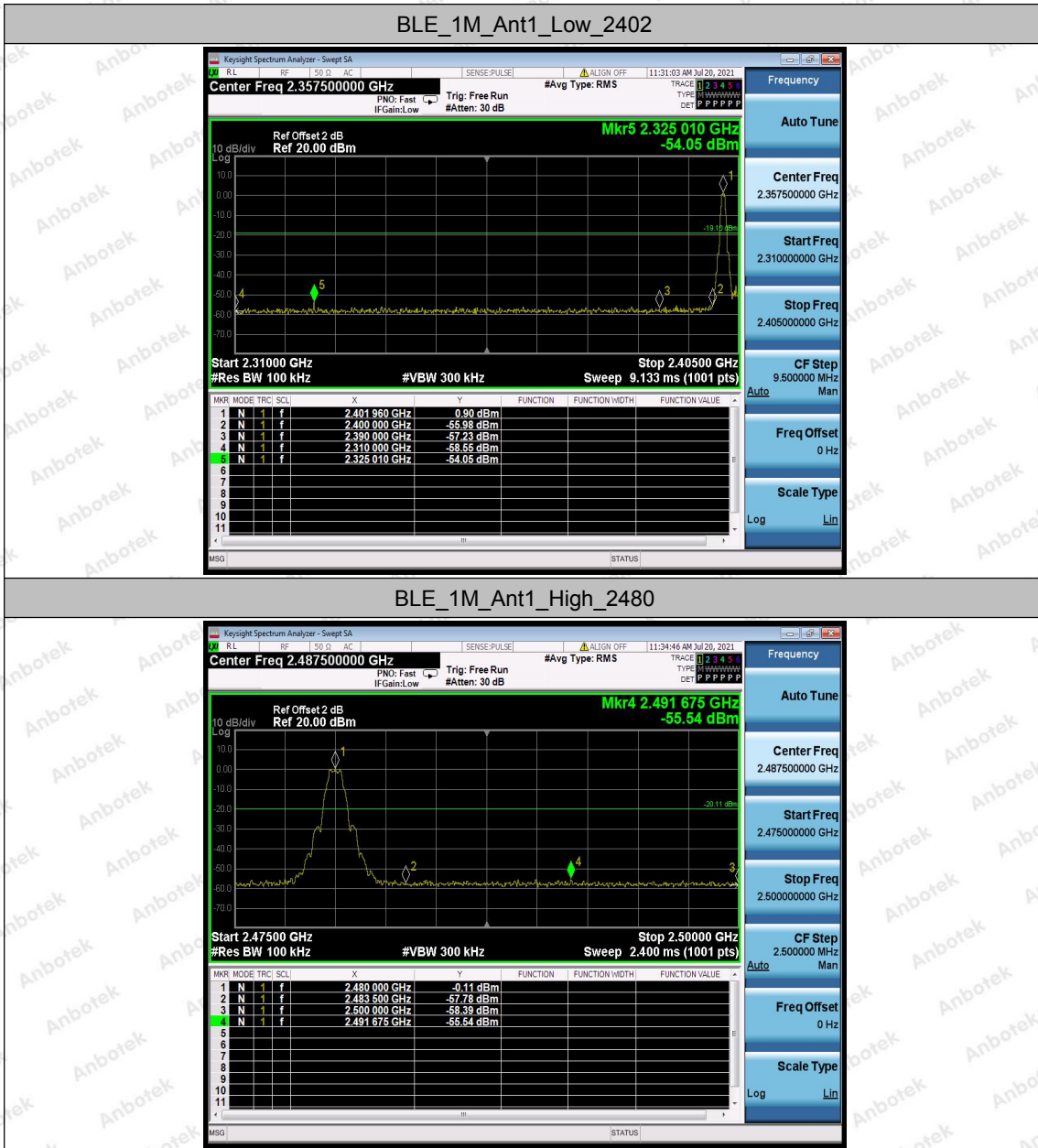
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.90	-54.05	<=-19.1	PASS
		High	2480	-0.11	-55.54	<=-20.11	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	0.66	0.66	---	PASS
			30~1000	0.66	-68.02	<=-19.35	PASS
			1000~26500	0.66	-46.78	<=-19.35	PASS
		2440	Reference	0.22	0.22	---	PASS
			30~1000	0.22	-67.13	<=-19.78	PASS
			1000~26500	0.22	-52.37	<=-19.78	PASS
		2480	Reference	-0.58	-0.58	---	PASS
			30~1000	-0.58	-66.59	<=-20.58	PASS
			1000~26500	-0.58	-51.25	<=-20.58	PASS

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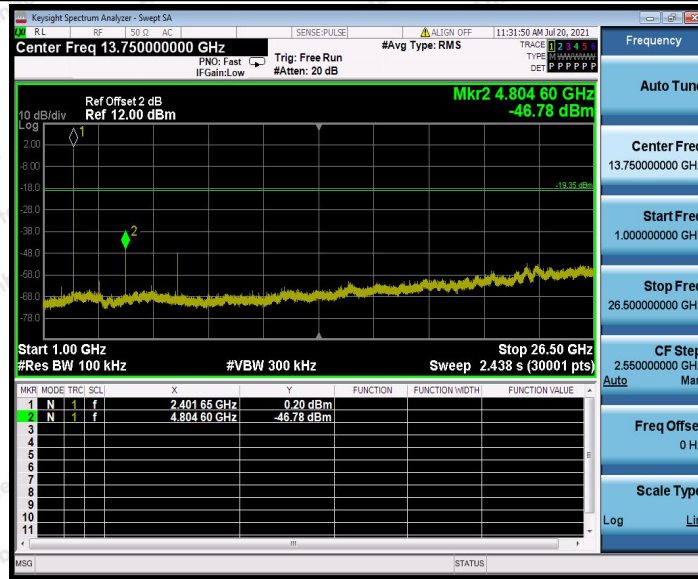
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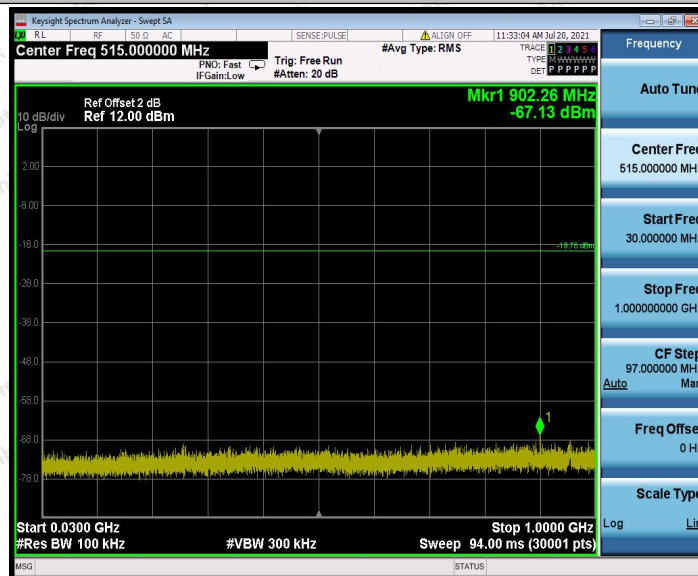
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000

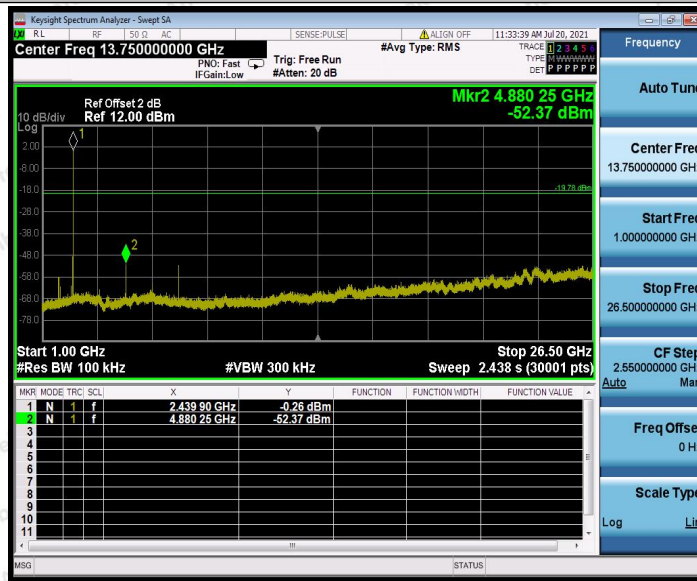


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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference

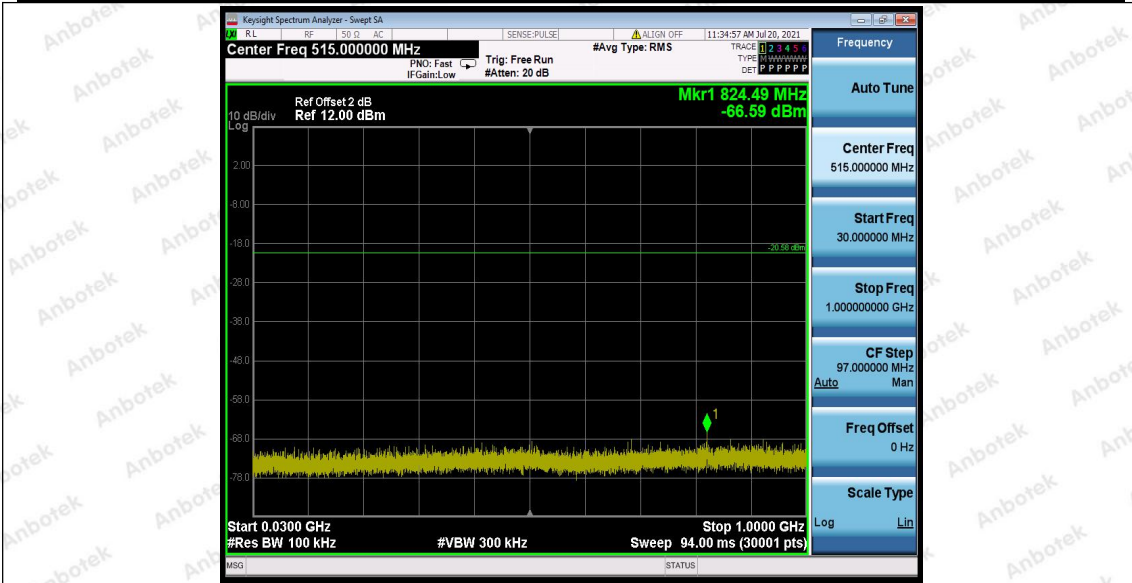


BLE_1M_Ant1_2480_30~1000

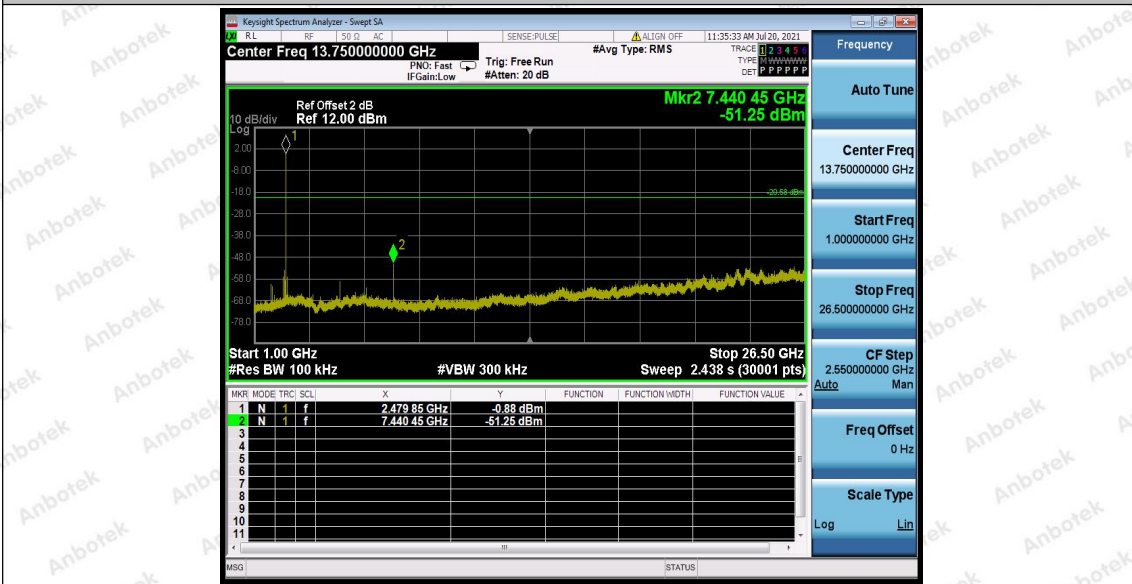
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BLE_1M_Ant1_2480_1000~26500



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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	0.6032	60.32	2.20	---	PASS
		2440	0.38	0.62	0.6129	61.29	2.13	---	PASS
		2480	0.38	0.62	0.6129	61.29	2.13	---	PASS

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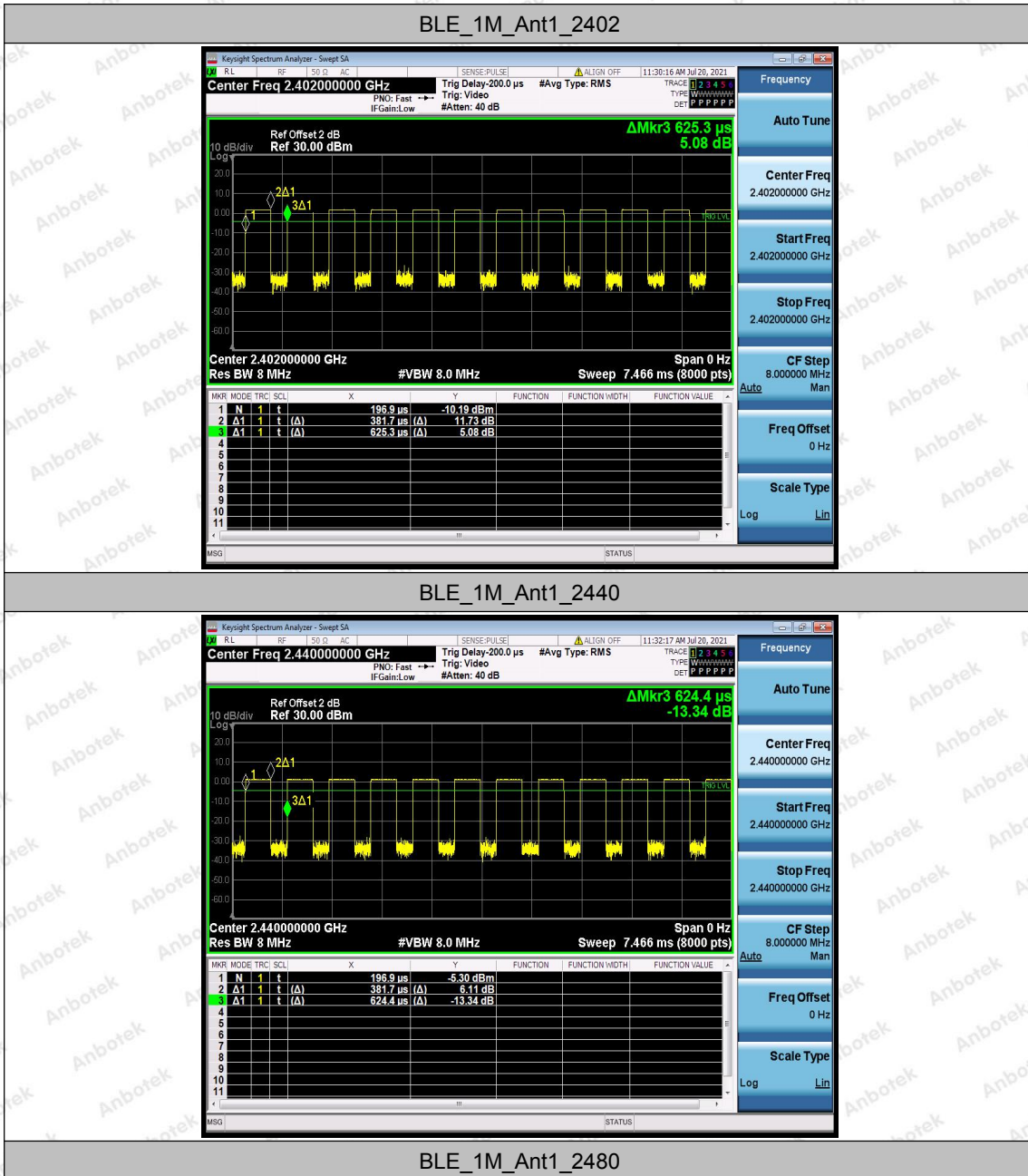
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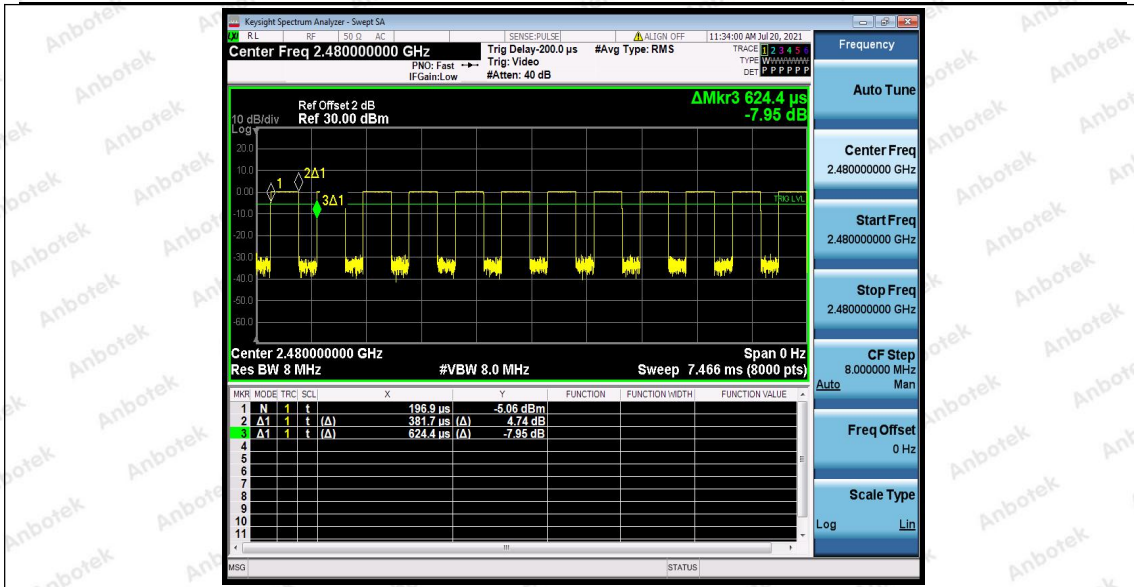
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