

Appendix Test Data

Project No.:	18220WC10148801	Test Date:	2021.7.27
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.8C°	Relative Humidity:	58 %
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	0.676	2401.656	2402.332	>=0.5	PASS
		2440	0.668	2439.660	2440.328	>=0.5	PASS
		2480	0.688	2479.644	2480.332	>=0.5	PASS

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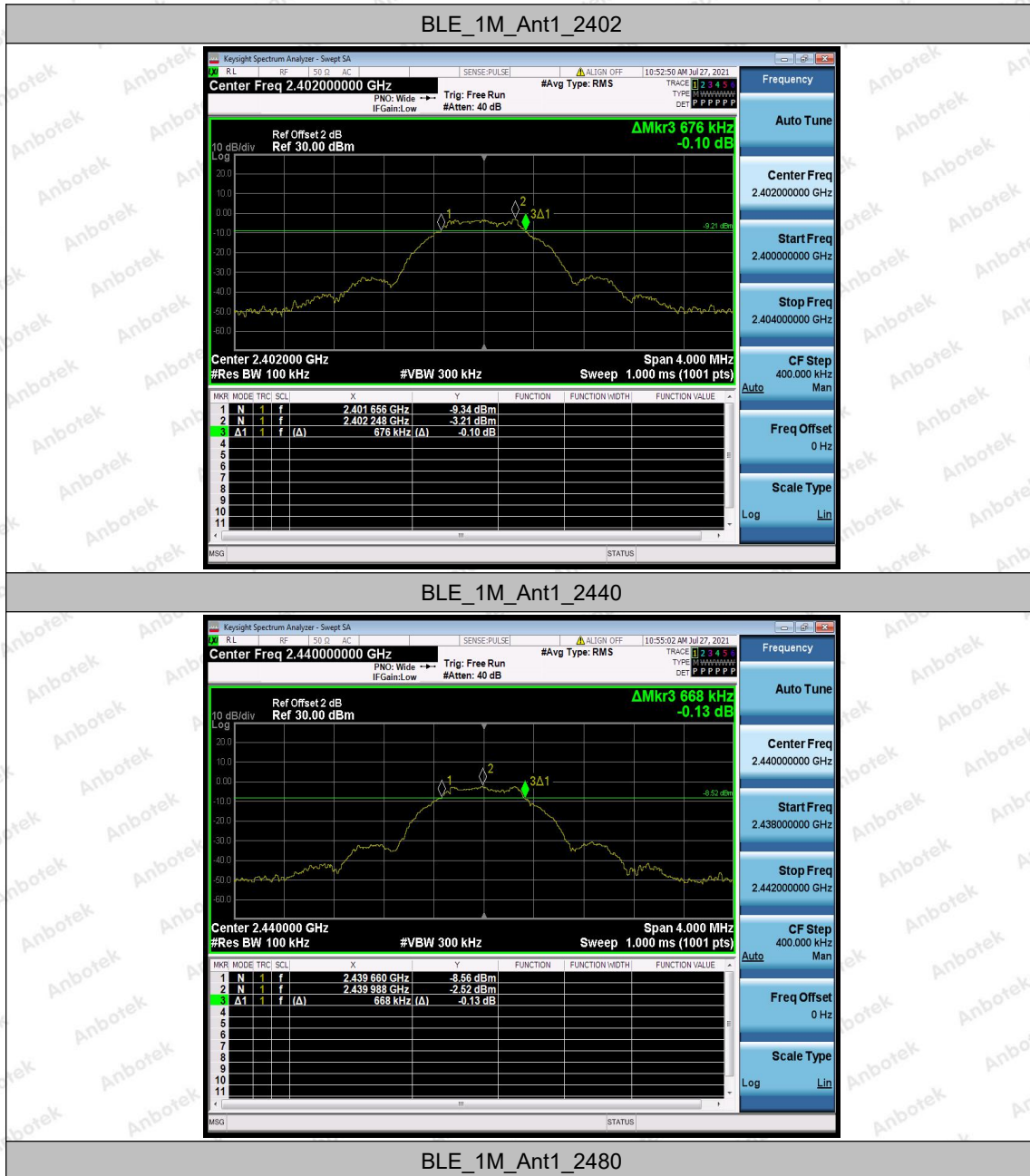


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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0296	2401.490	2402.520	---	PASS
		2440	1.0240	2439.490	2440.514	---	PASS
		2480	1.0282	2479.488	2480.516	---	PASS

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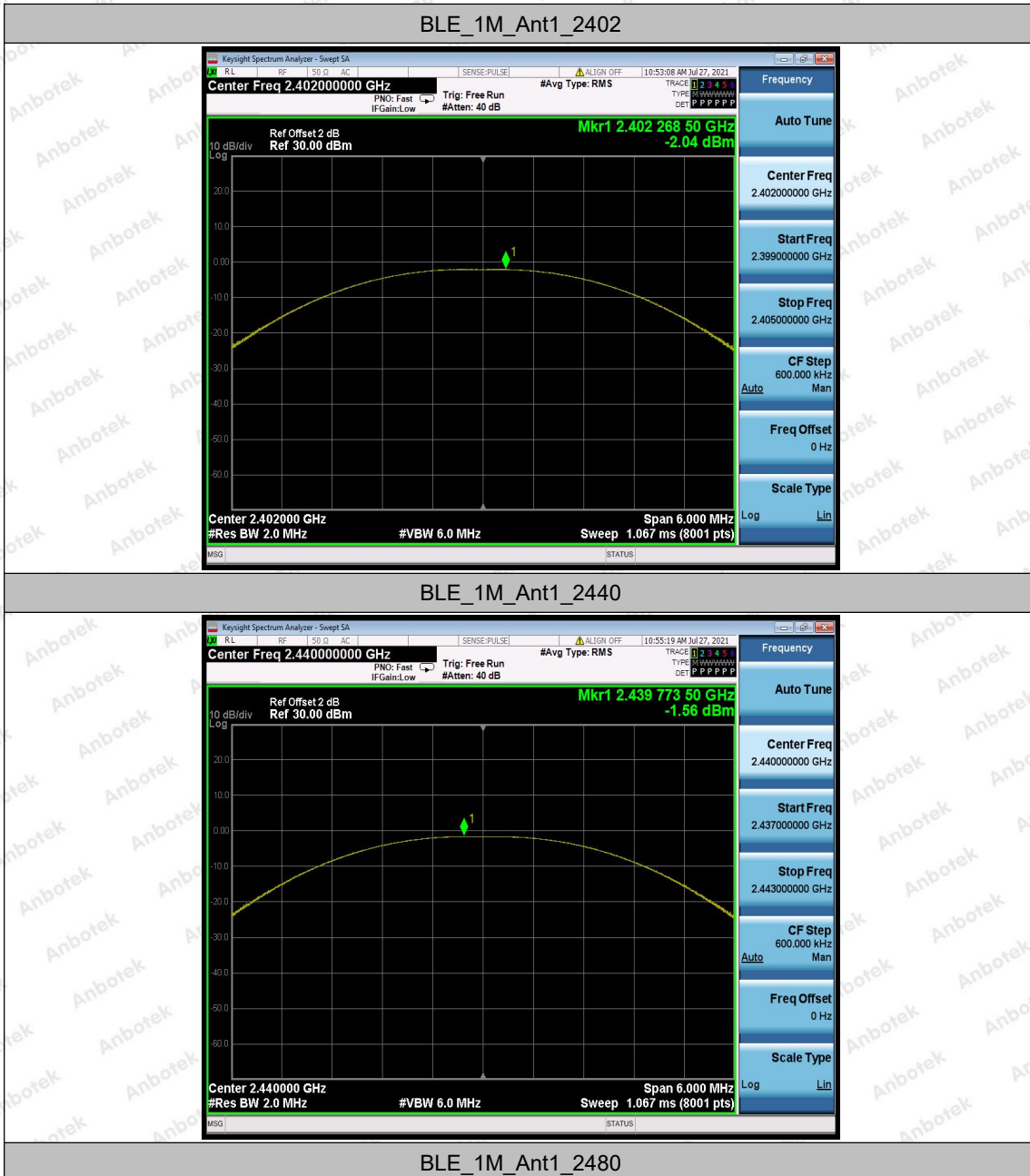
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.04	<=30	PASS
		2440	-1.56	<=30	PASS
		2480	-2.2	<=30	PASS

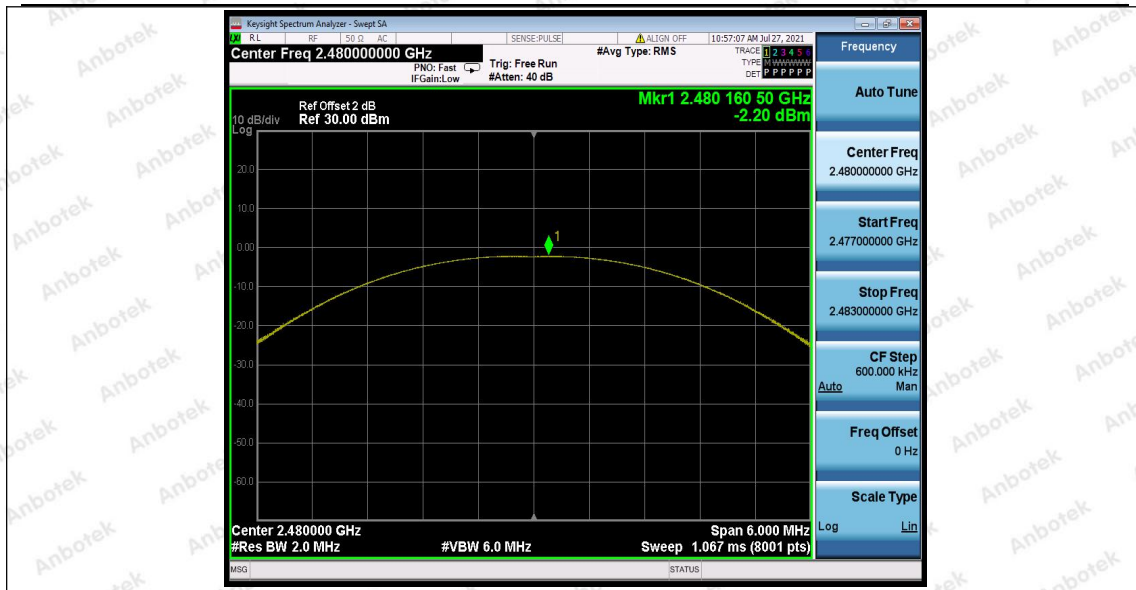
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/3 kHz]	Verdic t
BLE_1M	Ant1	2402	-12.09	-17.31	<=8	PASS
		2440	-11.61	-16.83	<=8	PASS
		2480	-12.31	-17.53	<=8	PASS

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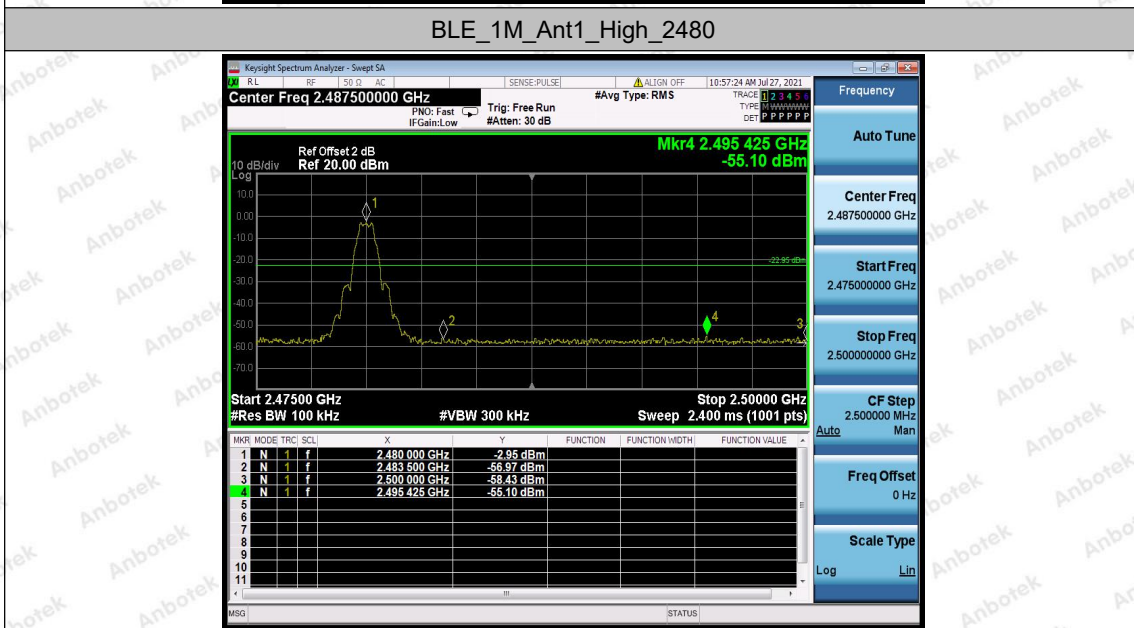
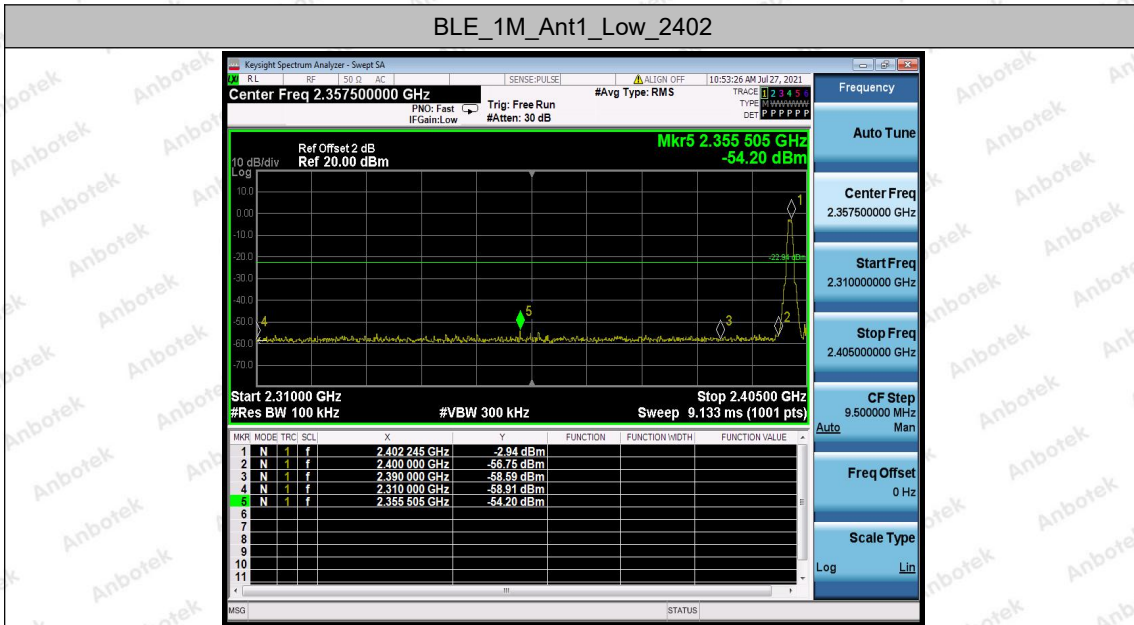
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.94	-54.2	<=-22.94	PASS
		High	2480	-2.95	-55.1	<=-22.95	PASS

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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	-3.04	-3.04	---	PASS
			30~1000	-3.04	-50.06	<=-23.04	PASS
			1000~26500	-3.04	-44.38	<=-23.04	PASS
		2440	Reference	-2.50	-2.50	---	PASS
			30~1000	-2.50	-48.74	<=-22.5	PASS
			1000~26500	-2.50	-49.54	<=-22.5	PASS
		2480	Reference	-3.20	-3.20	---	PASS
			30~1000	-3.20	-50.21	<=-23.2	PASS
			1000~26500	-3.20	-46.29	<=-23.2	PASS

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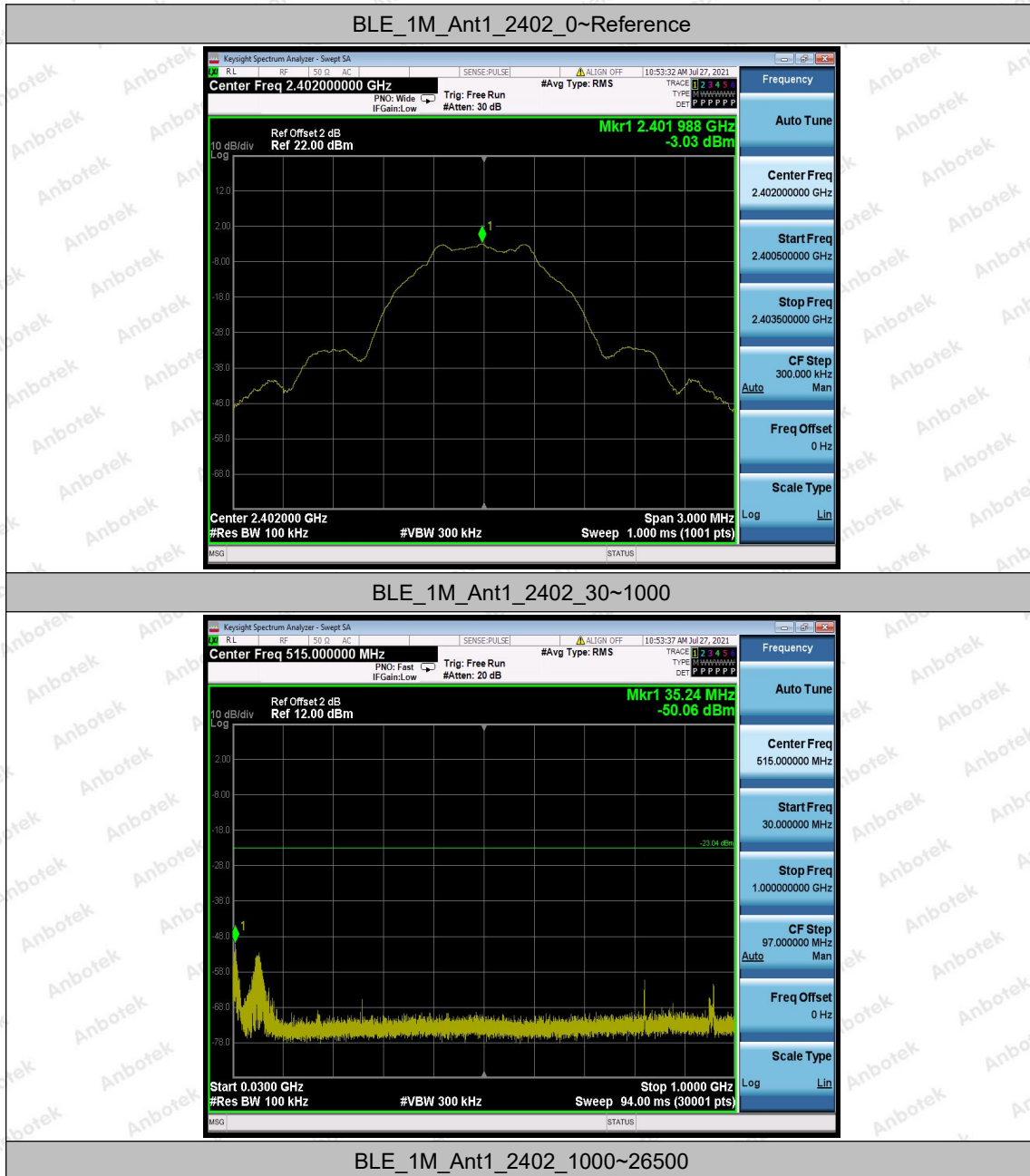


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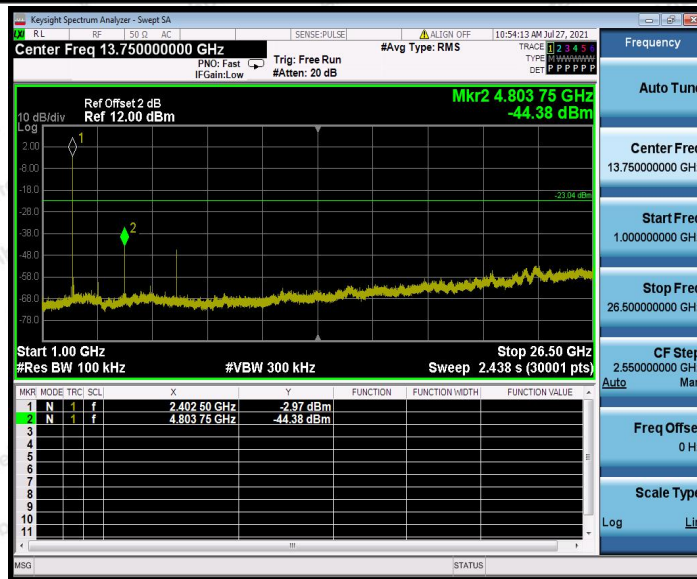
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BLE_1M_Ant1_2440_0~Reference

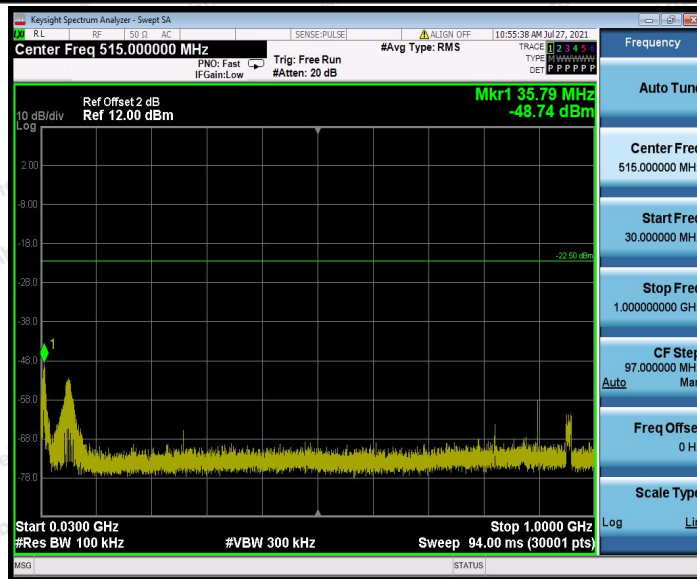


BLE_1M_Ant1_2440_30~1000

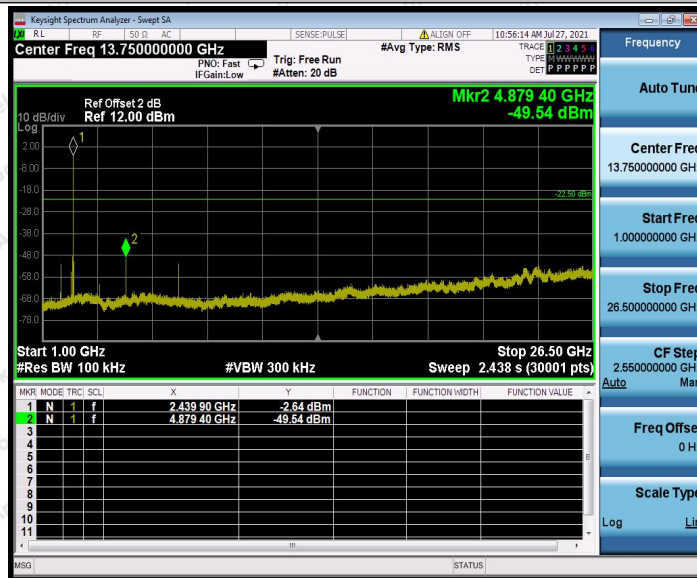
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference

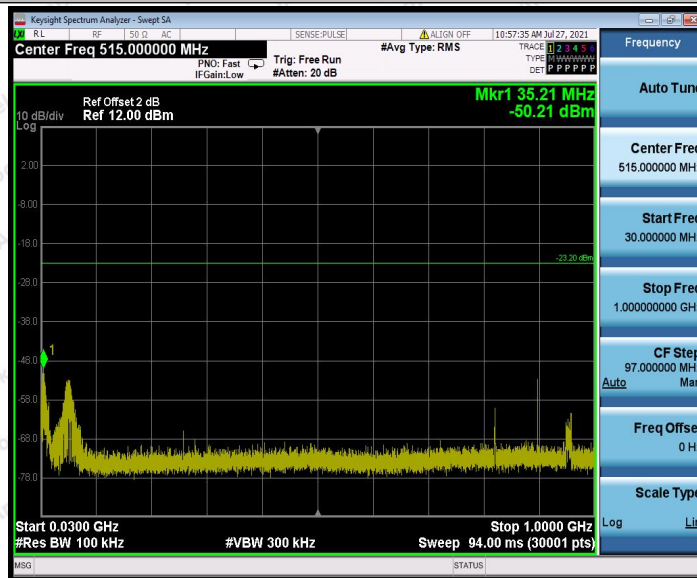
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BLE_1M_Ant1_2480_30~1000

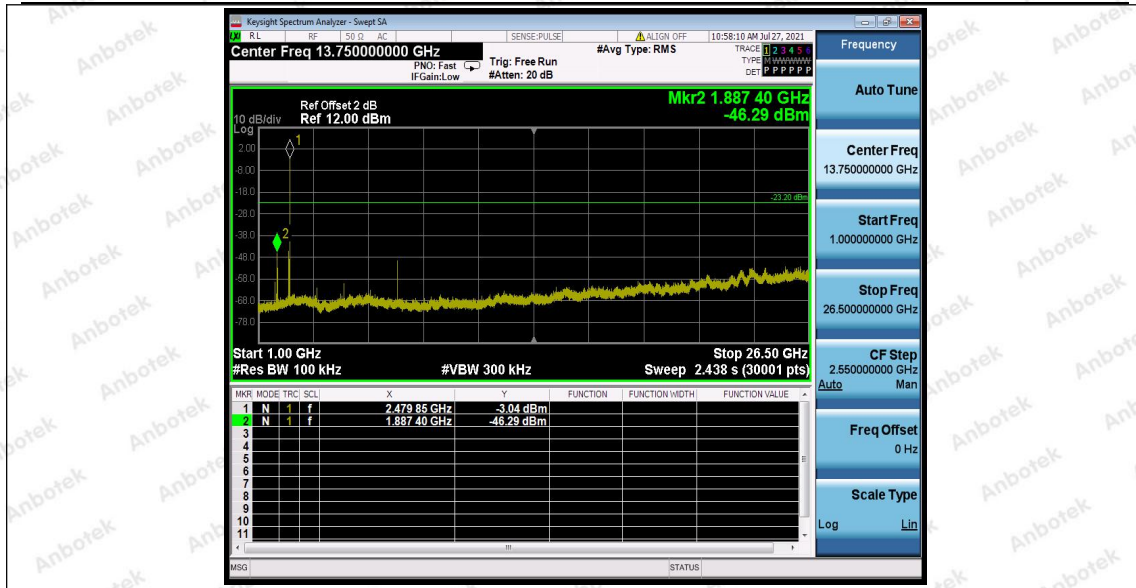


BLE_1M_Ant1_2480_1000~26500

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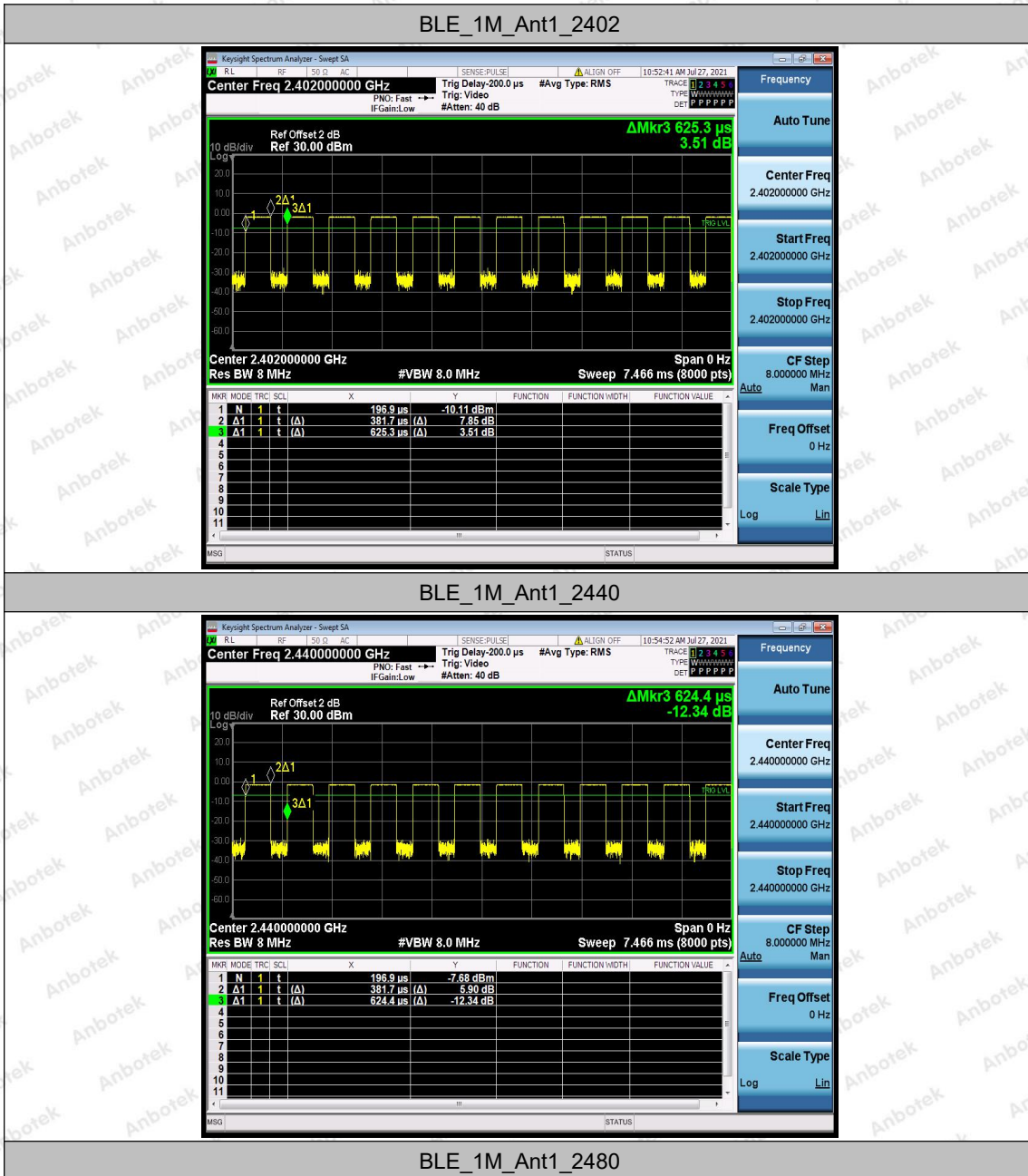
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.6032	60.32	2.20	---	PASS
		2440	0.38	0.62	0.6129	61.29	2.13	---	PASS
		2480	0.38	0.63	0.6032	60.32	2.20	---	PASS

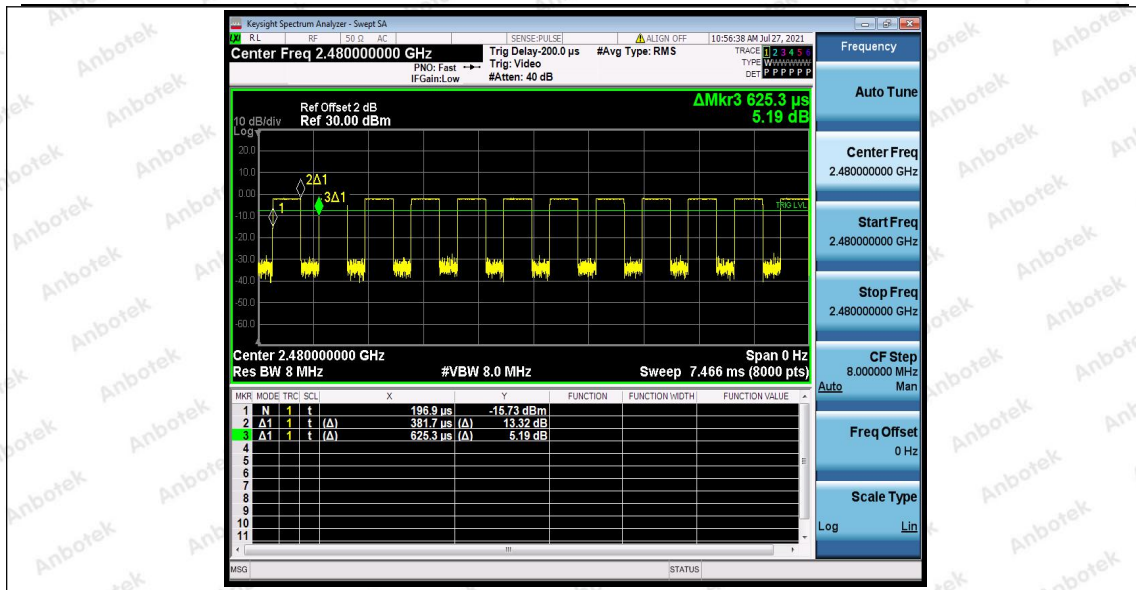
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