

Appendix Test Data

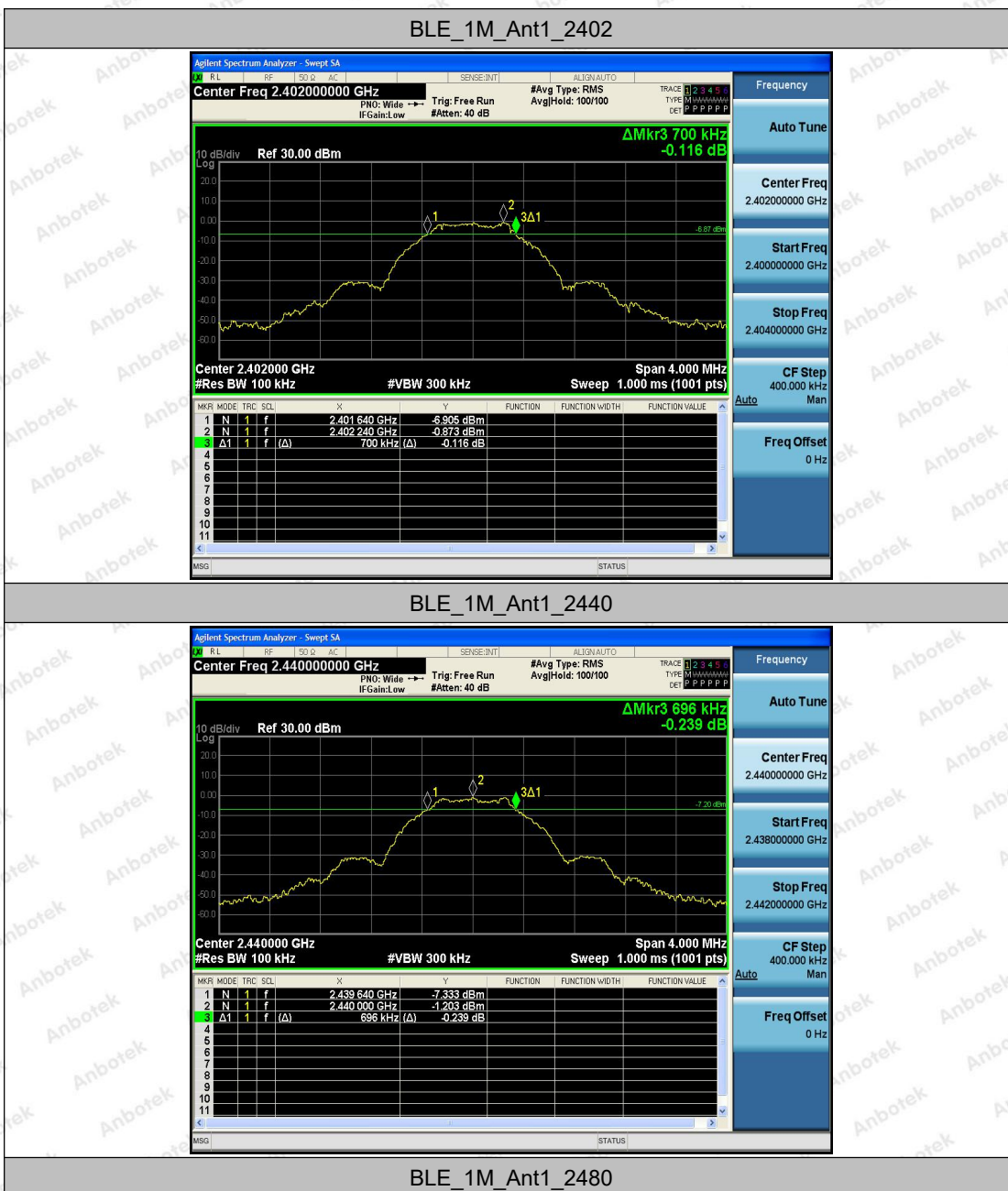
Report No.:	18220WC20017301	Test Sample No.:	1-2-2
Start Test Date:	2022.2.15	Finish Test Date:	2022.2.18
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.640	2402.340	≥0.5	PASS
		2440	0.696	2439.640	2440.336	≥0.5	PASS
		2480	0.676	2479.660	2480.336	≥0.5	PASS

Test Graphs



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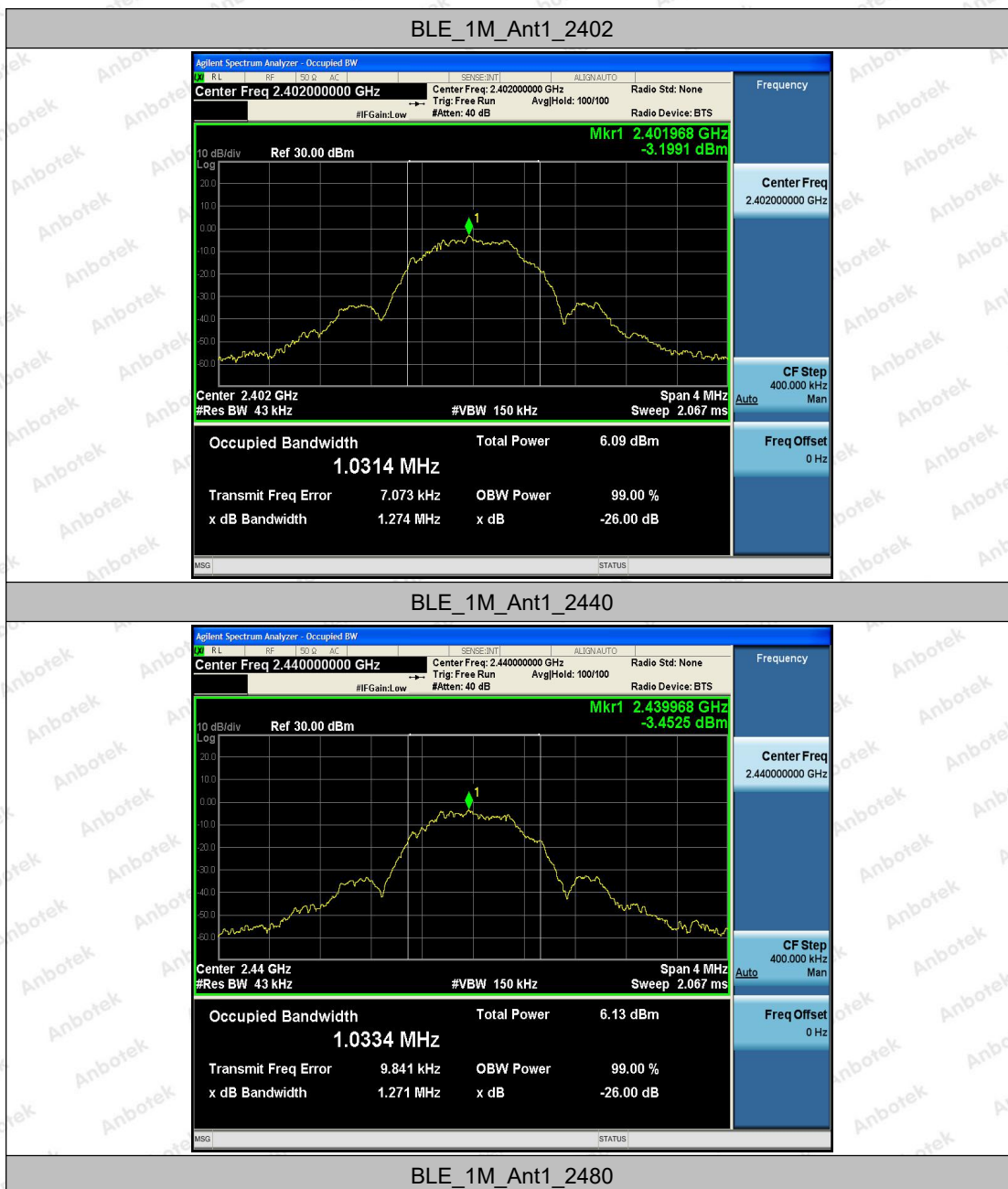
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0314	2401.491	2402.523	---	PASS
		2440	1.0334	2439.493	2440.527	---	PASS
		2480	1.0270	2479.497	2480.524	---	PASS

Test Graphs



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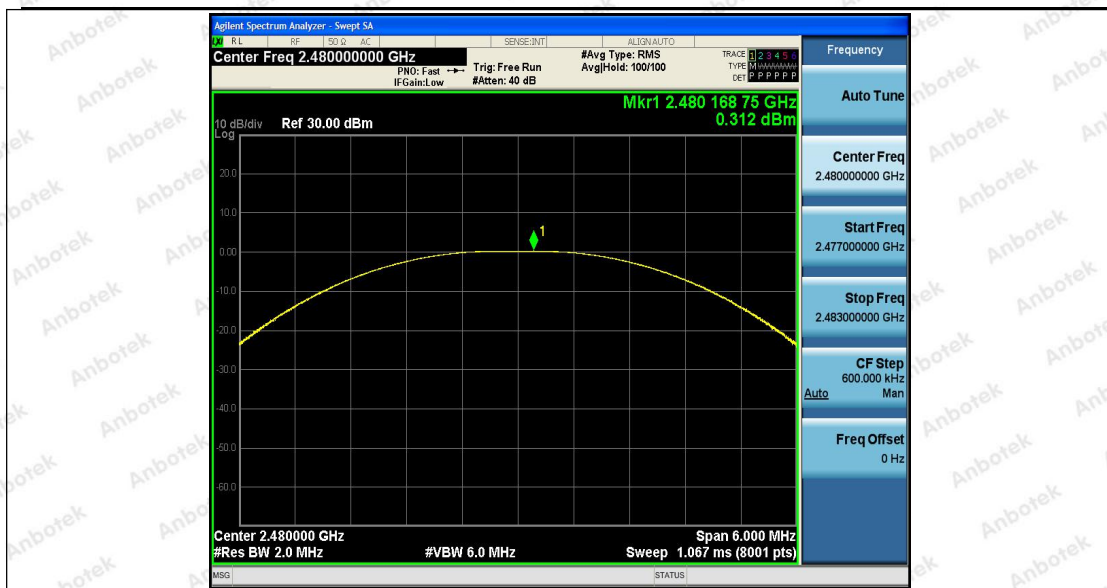
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.17	≤30	PASS
		2440	-0.05	≤30	PASS
		2480	0.31	≤30	PASS



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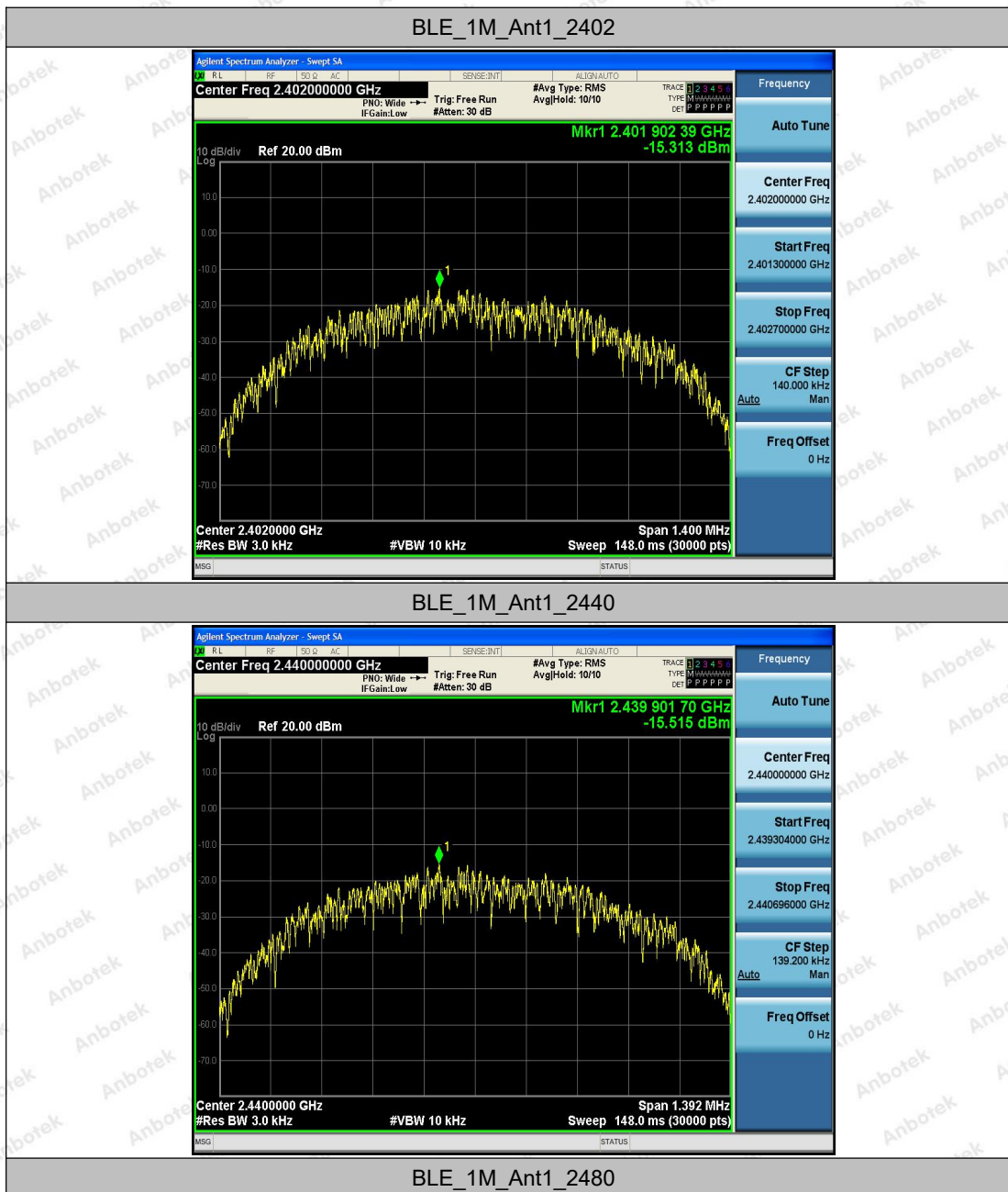
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.31	≤8	PASS
		2440	-15.52	≤8	PASS
		2480	-15.22	≤8	PASS

Test Graphs

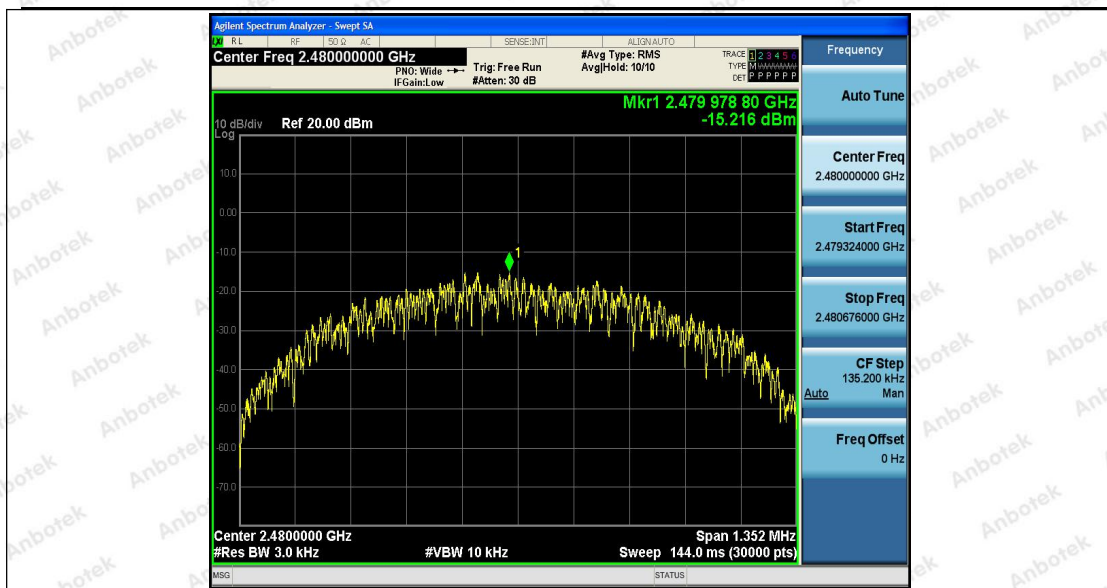


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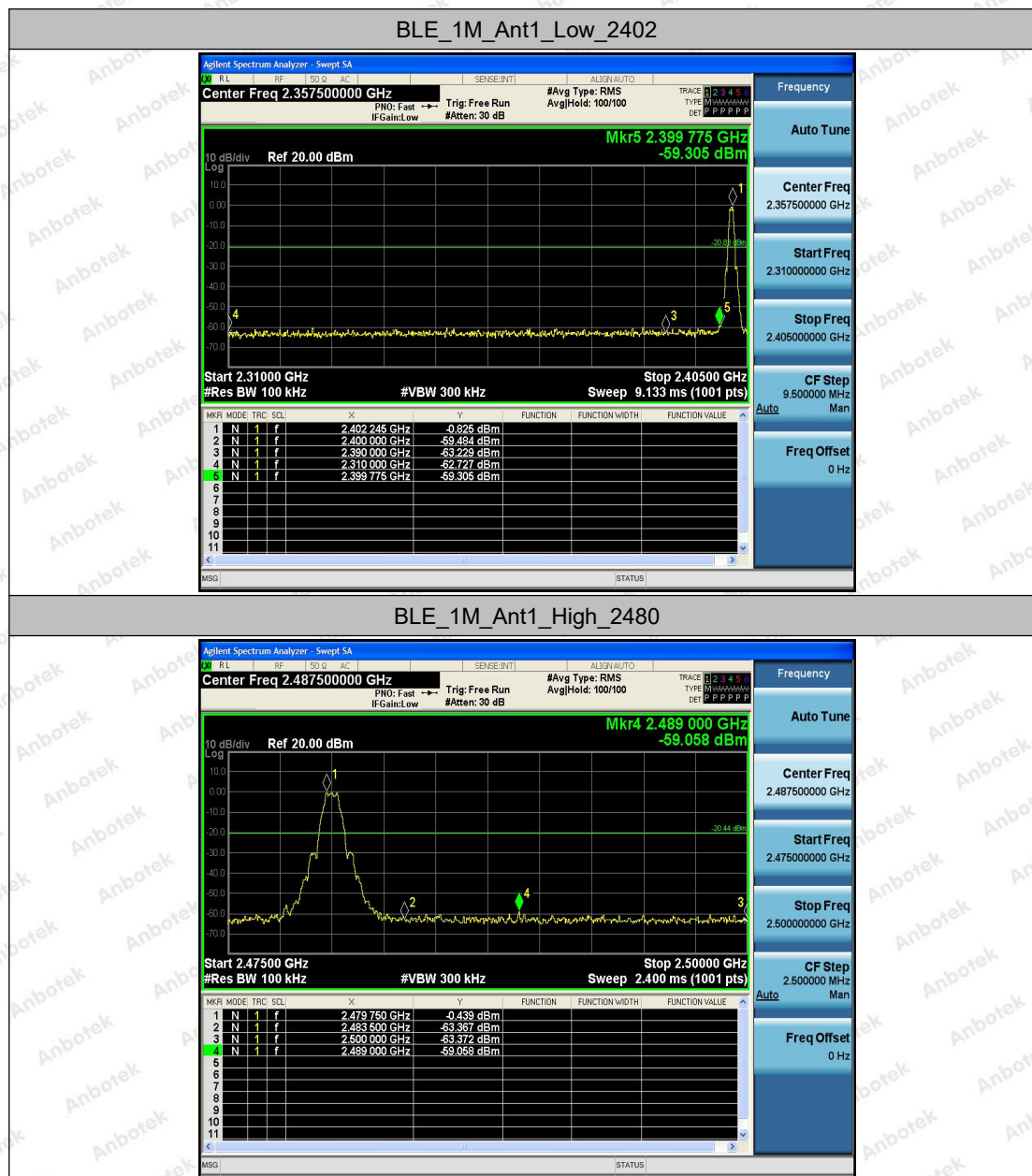
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.83	-59.31	≤-20.83	PASS
		High	2480	-0.44	-59.06	≤-20.44	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

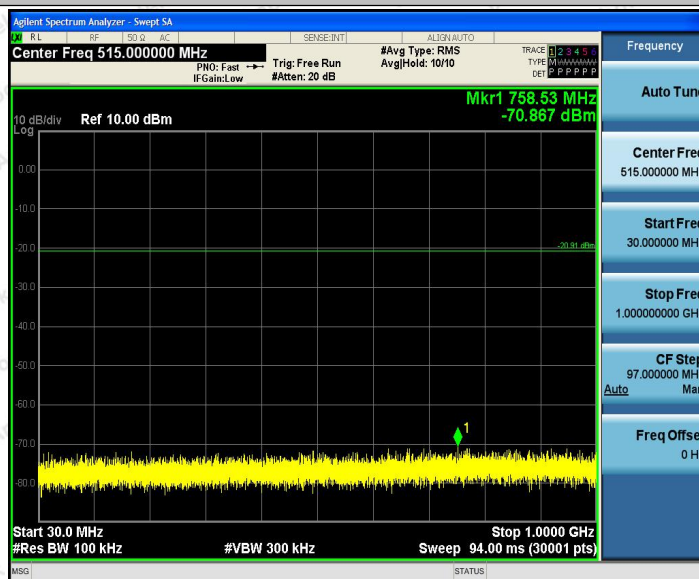
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.91	-0.91	---	PASS
			30~1000	-0.91	-70.87	≤-20.91	PASS
			1000~265 00	-0.91	-55.58	≤-20.91	PASS
		2440	Reference	-1.35	-1.35	---	PASS
			30~1000	-1.35	-70.57	≤-21.35	PASS
			1000~265 00	-1.35	-56.41	≤-21.35	PASS
		2480	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-70.05	≤-20.61	PASS
			1000~265 00	-0.61	-56.15	≤-20.61	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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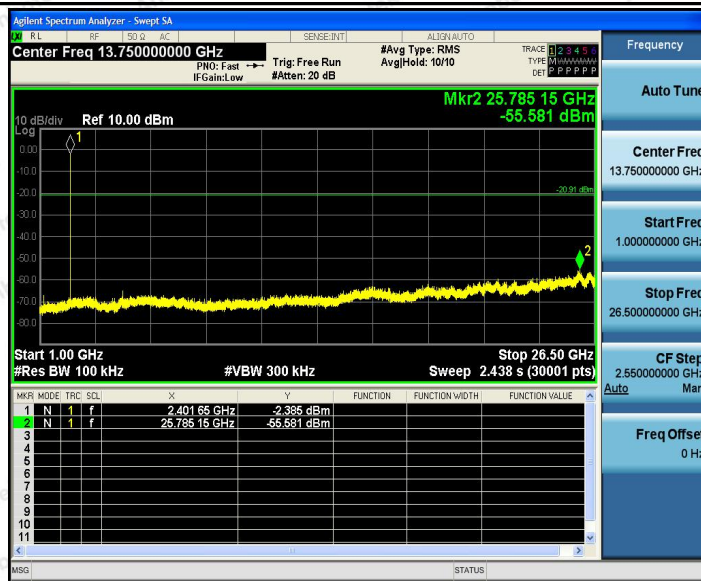
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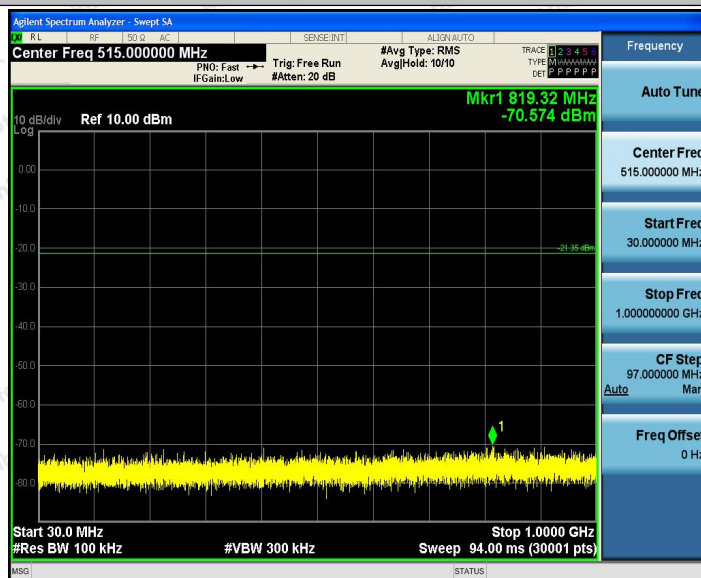
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



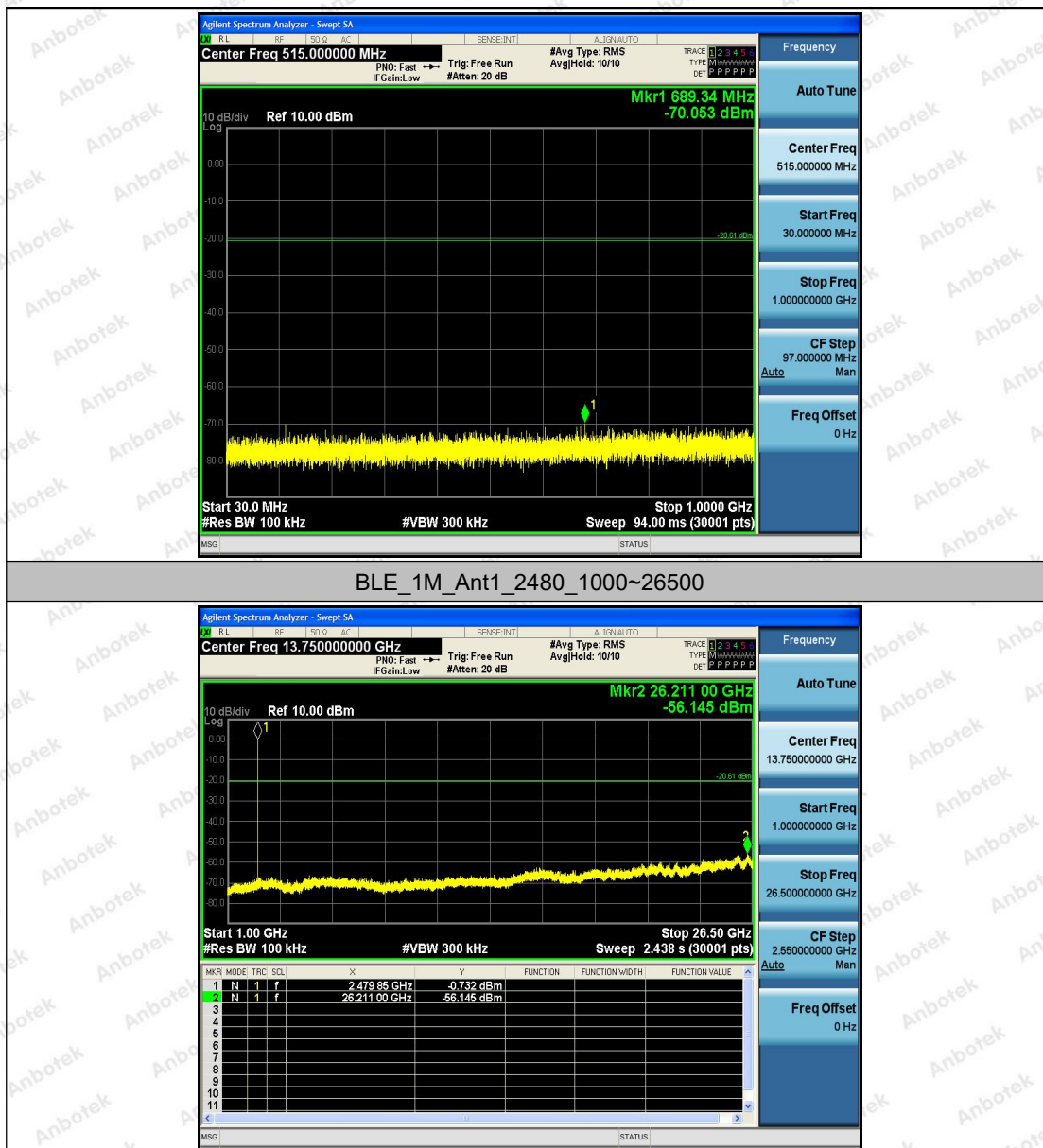
BLE_1M_Ant1_2480_30~1000

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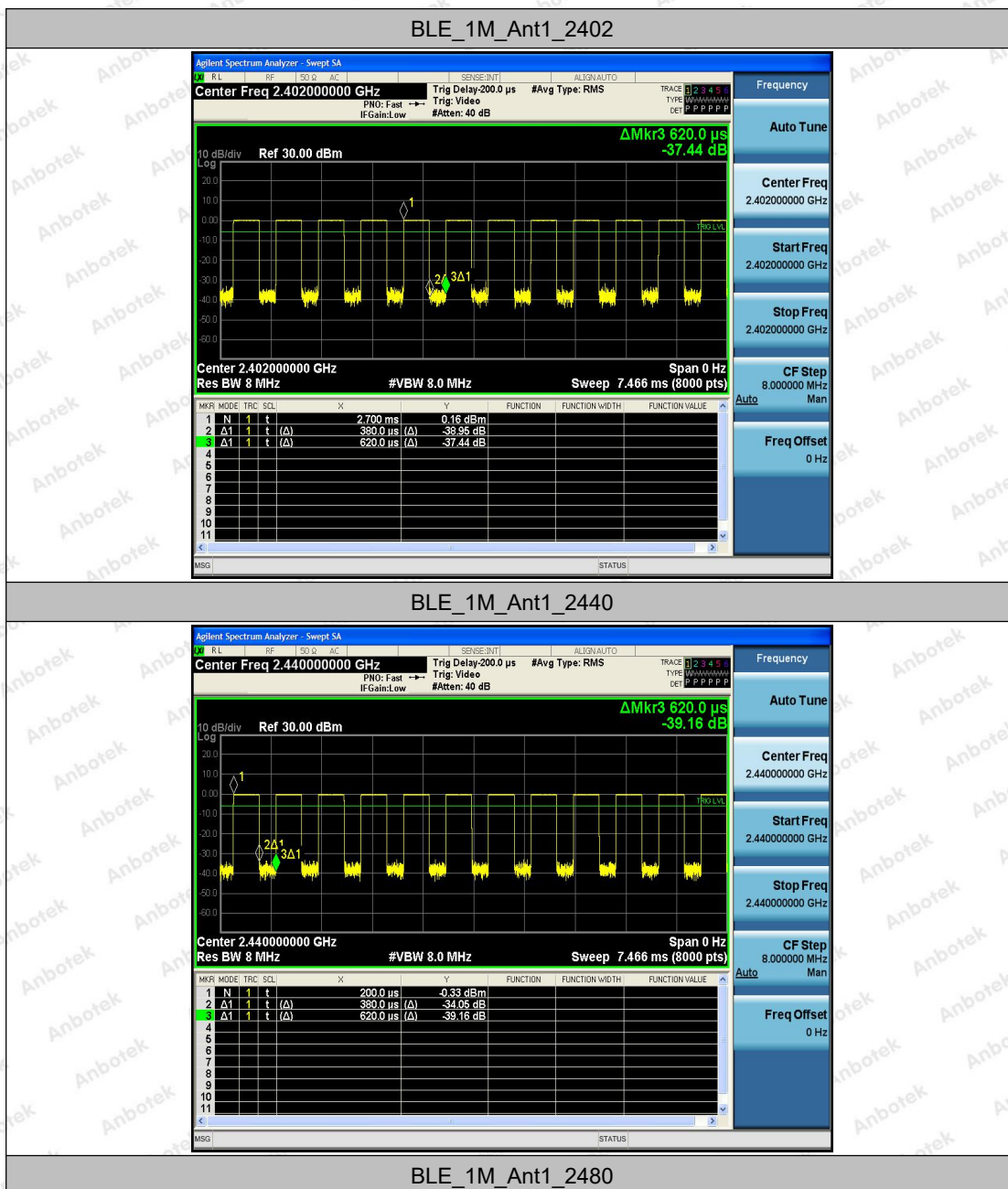
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.62	0.612 9	61.29	2.13	---	PASS
		2440	0.38	0.62	0.612 9	61.29	2.13	---	PASS
		2480	0.38	0.62	0.612 9	61.29	2.13	---	PASS

Test Graphs

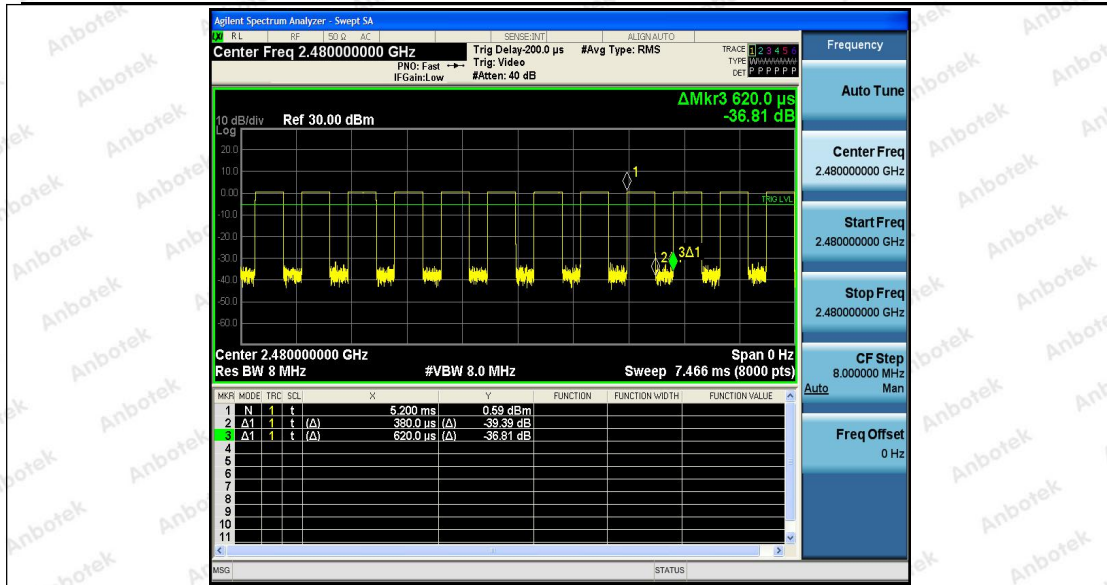


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