

Appendix Test Data

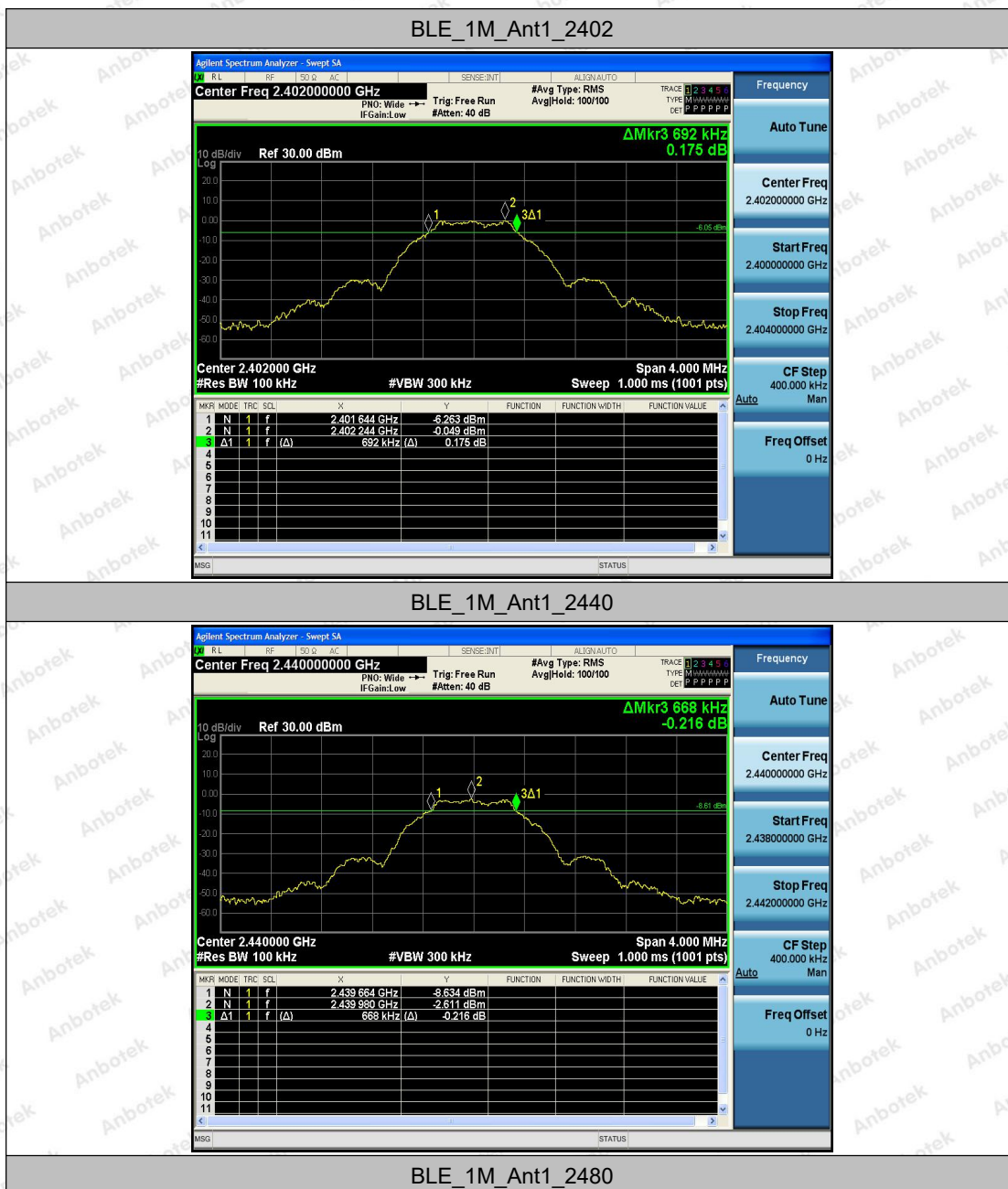
Report No.:	18220WC10200101	Test Date:	2021.9.13
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.644	2402.336	≥0.5	PASS
		2440	0.668	2439.664	2440.332	≥0.5	PASS
		2480	0.708	2479.632	2480.340	≥0.5	PASS

Test Graphs



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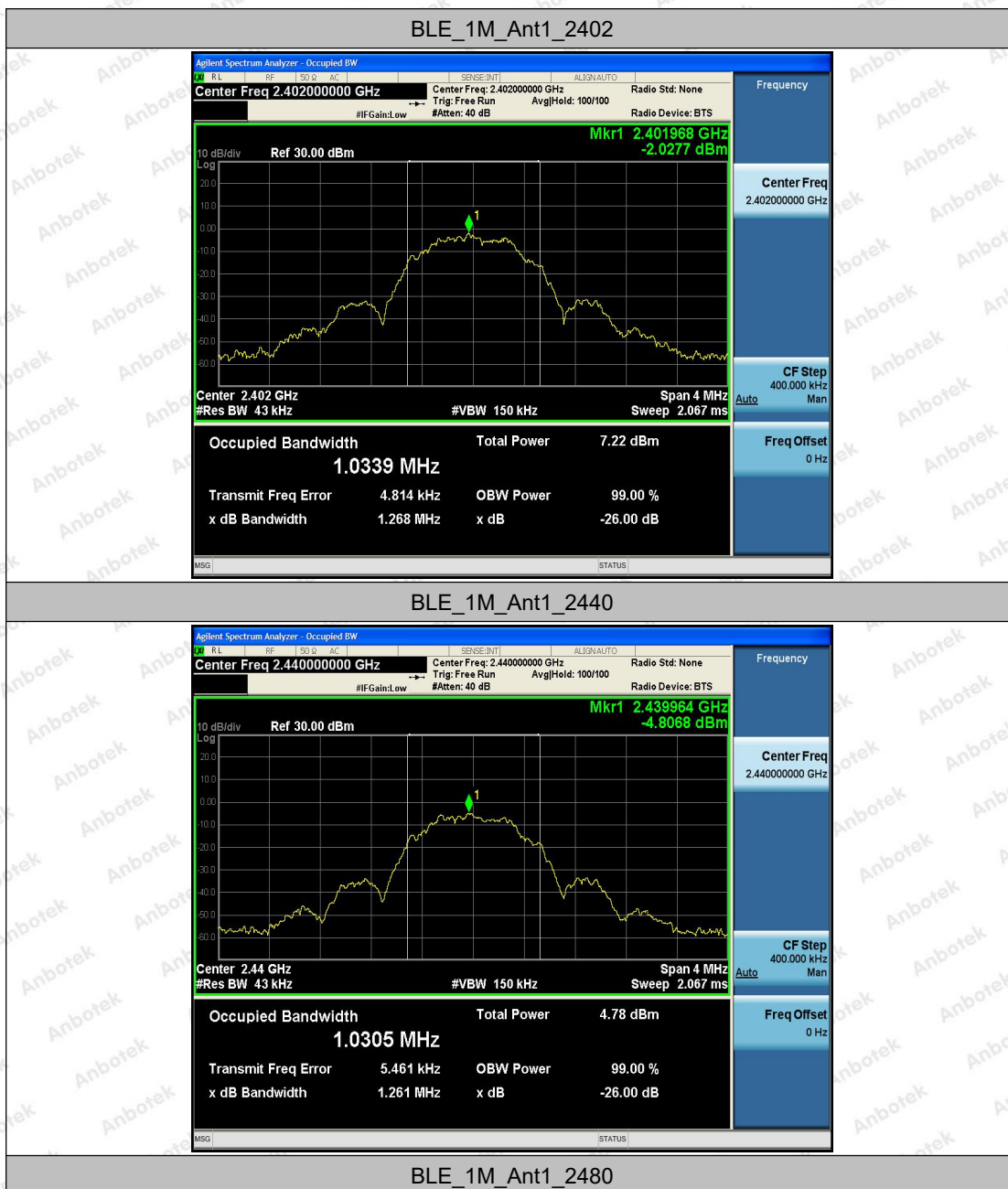
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0339	2401.488	2402.522	---	PASS
		2440	1.0305	2439.490	2440.521	---	PASS
		2480	1.0268	2479.494	2480.521	---	PASS

Test Graphs



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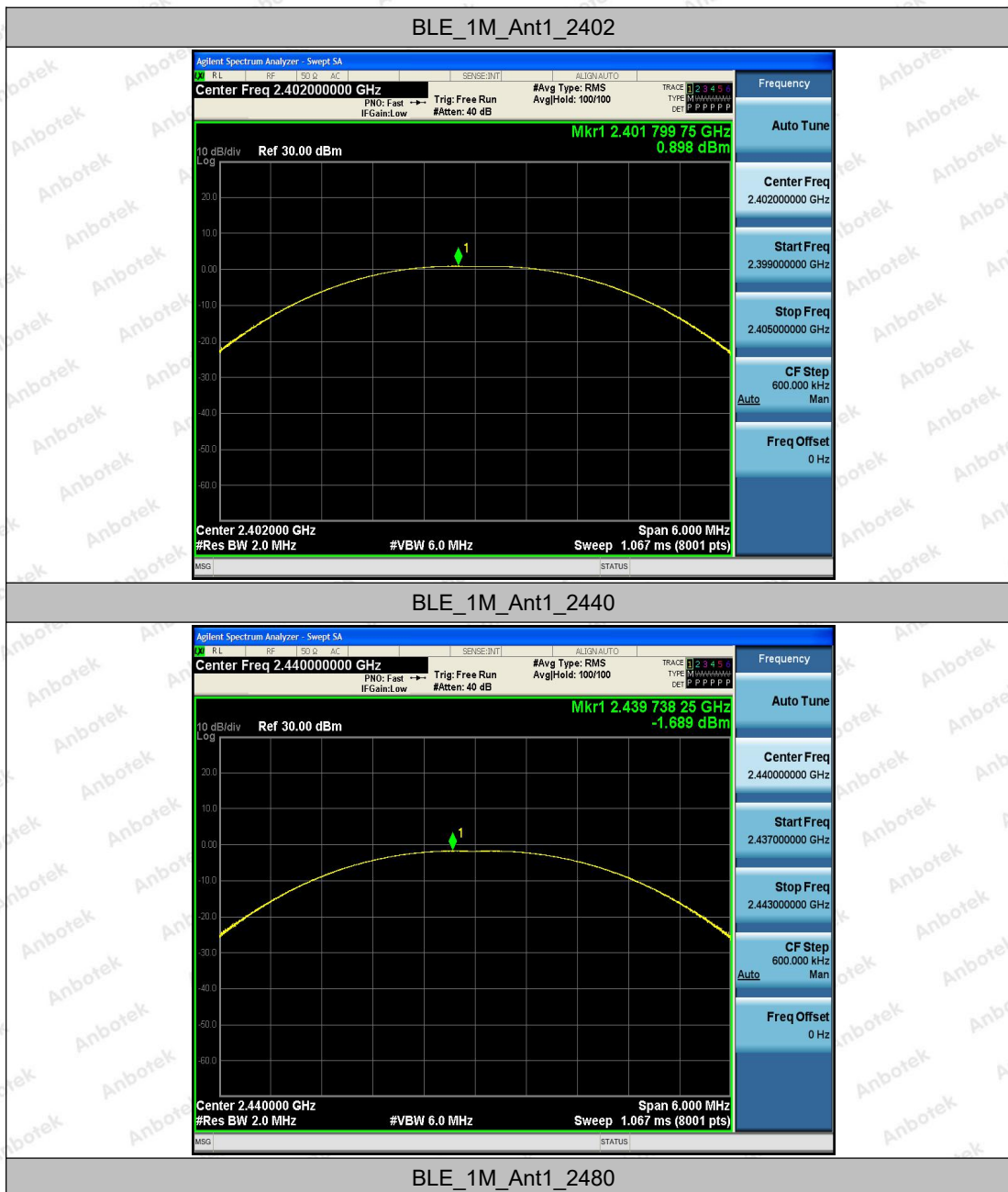
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.9	≤30	PASS
		2440	-1.69	≤30	PASS
		2480	-0.59	≤30	PASS

Test Graphs

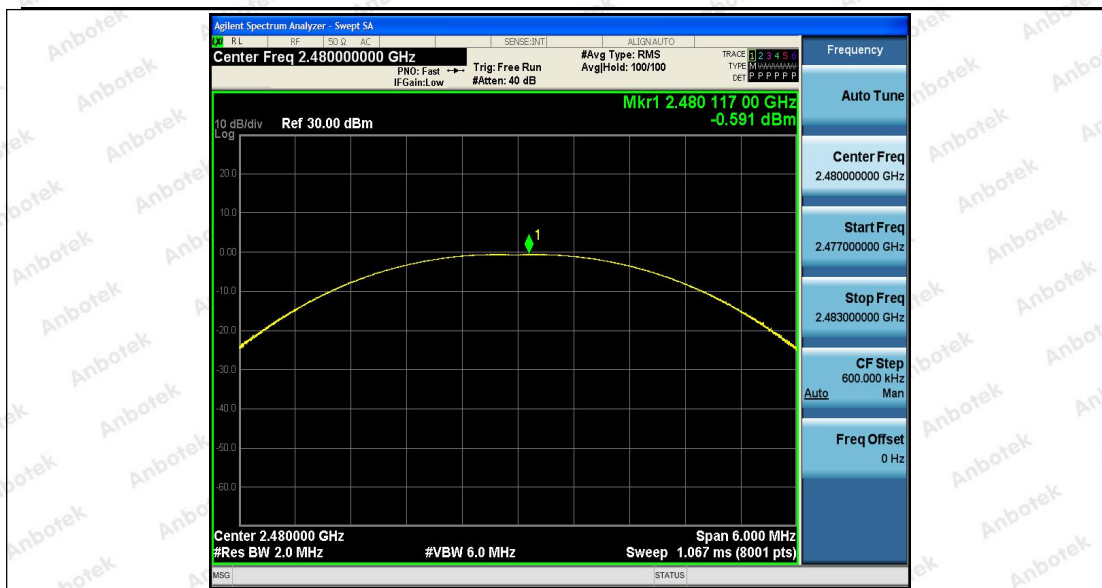


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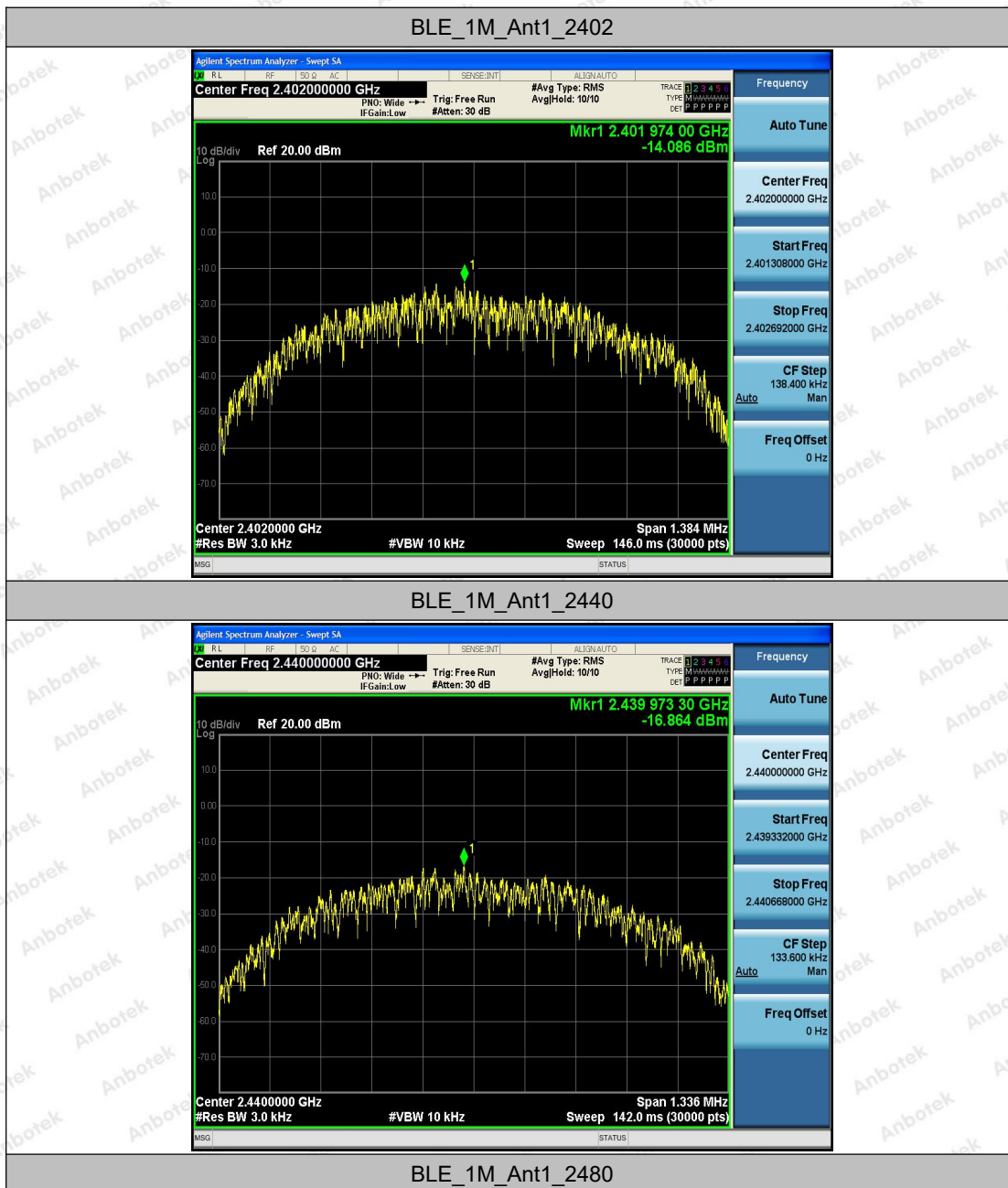
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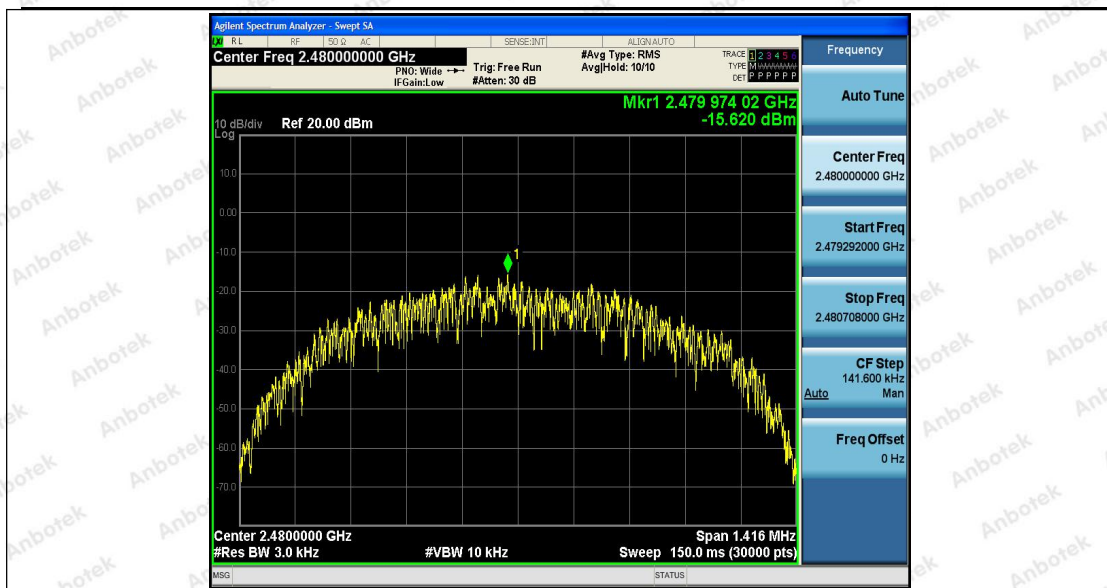
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.09	≤8	PASS
		2440	-16.86	≤8	PASS
		2480	-15.62	≤8	PASS

Test Graphs





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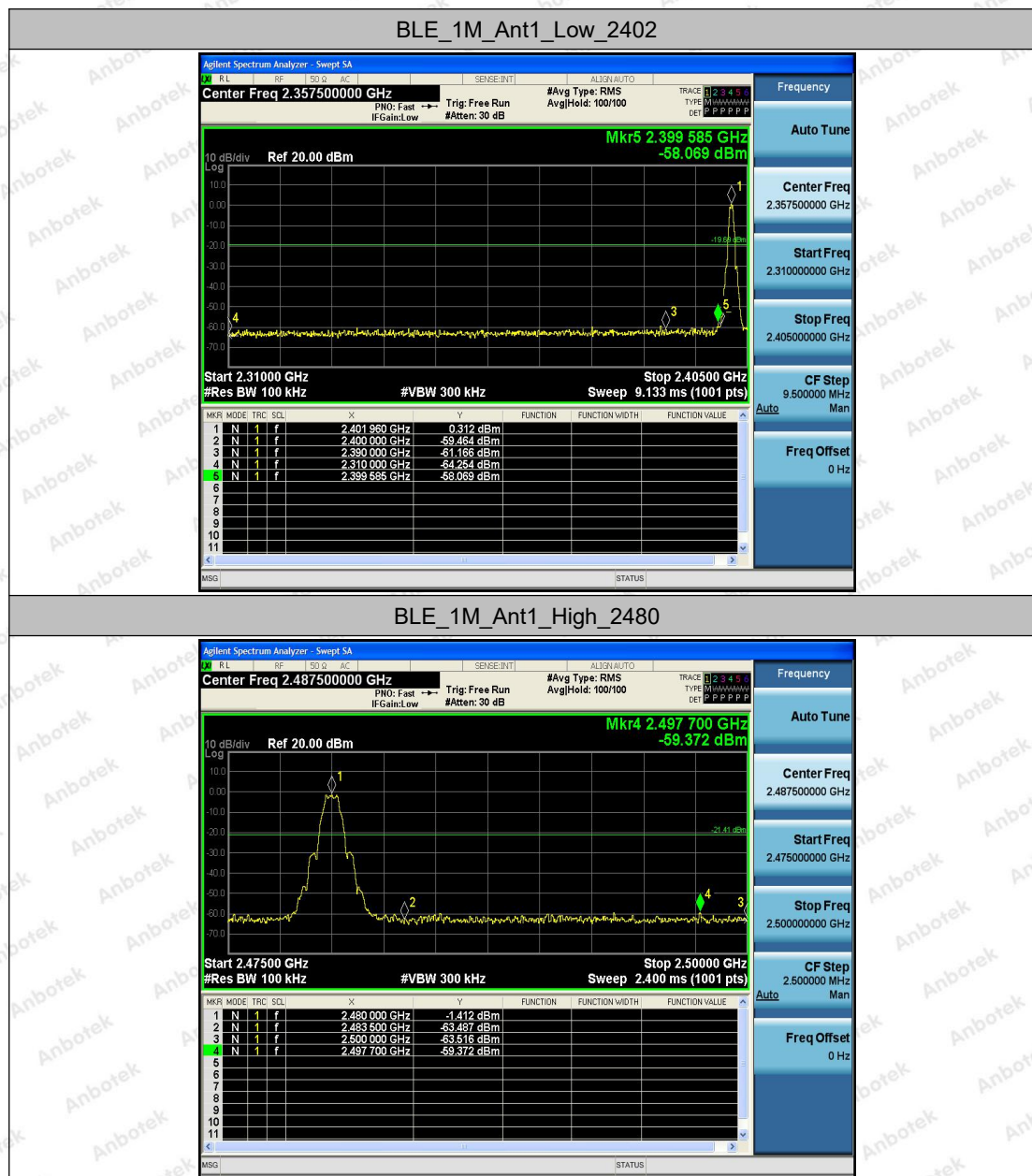
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.31	-58.07	≤-19.69	PASS
		High	2480	-1.41	-59.37	≤-21.41	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

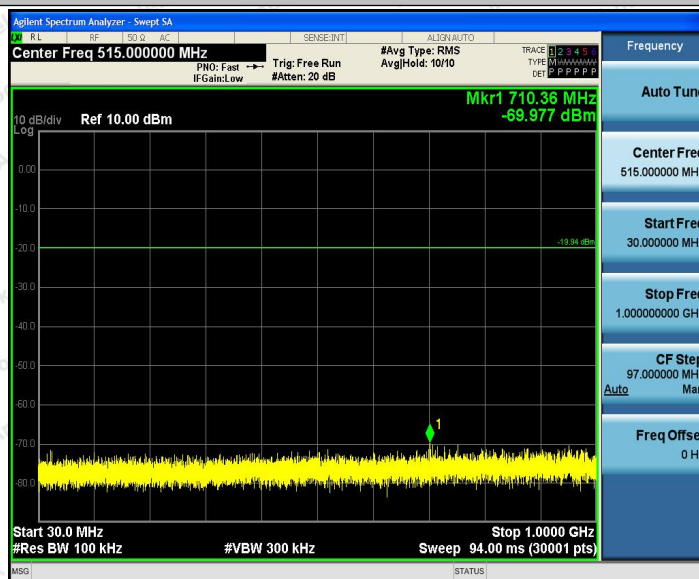
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-69.98	≤-19.94	PASS
			1000~265 00	0.06	-45.04	≤-19.94	PASS
		2440	Reference	-2.54	-2.54	---	PASS
			30~1000	-2.54	-70.12	≤-22.54	PASS
			1000~265 00	-2.54	-48.25	≤-22.54	PASS
		2480	Reference	-1.43	-1.43	---	PASS
			30~1000	-1.43	-69.99	≤-21.43	PASS
			1000~265 00	-1.43	-48.43	≤-21.43	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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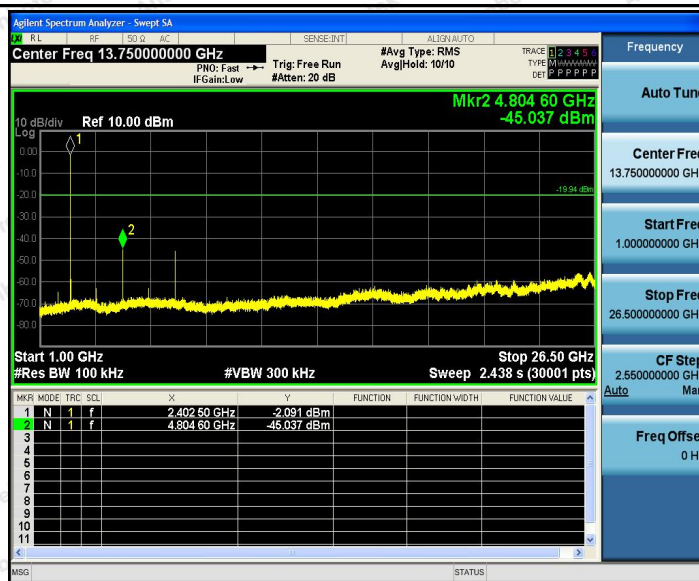
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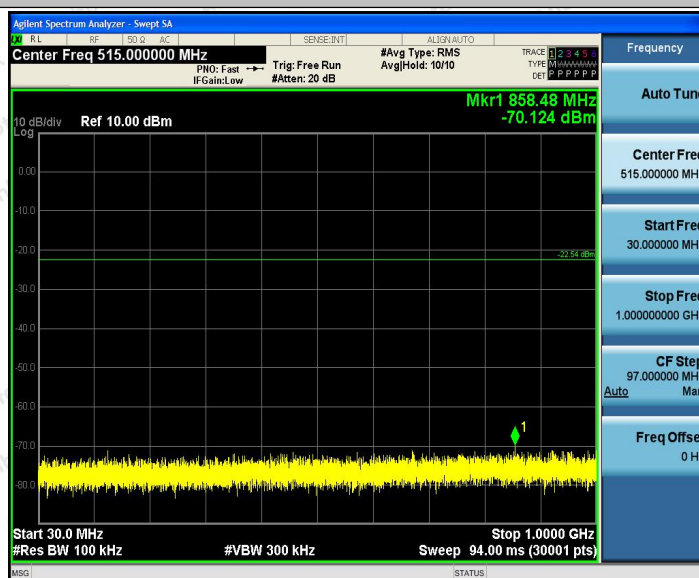
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



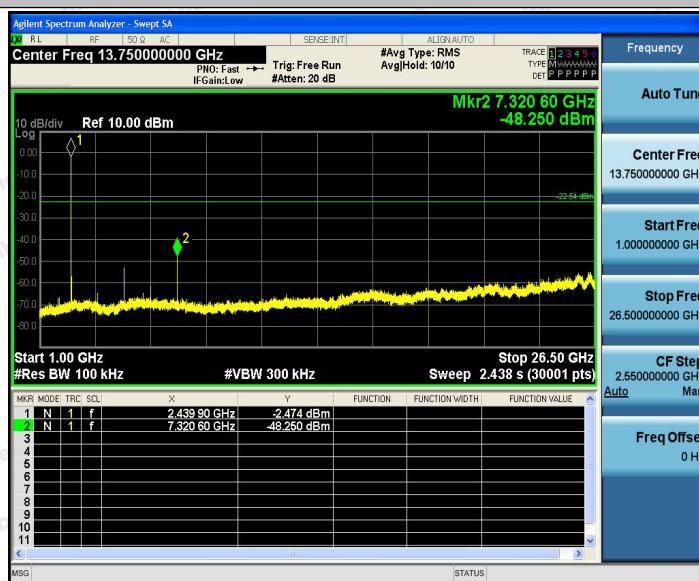
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



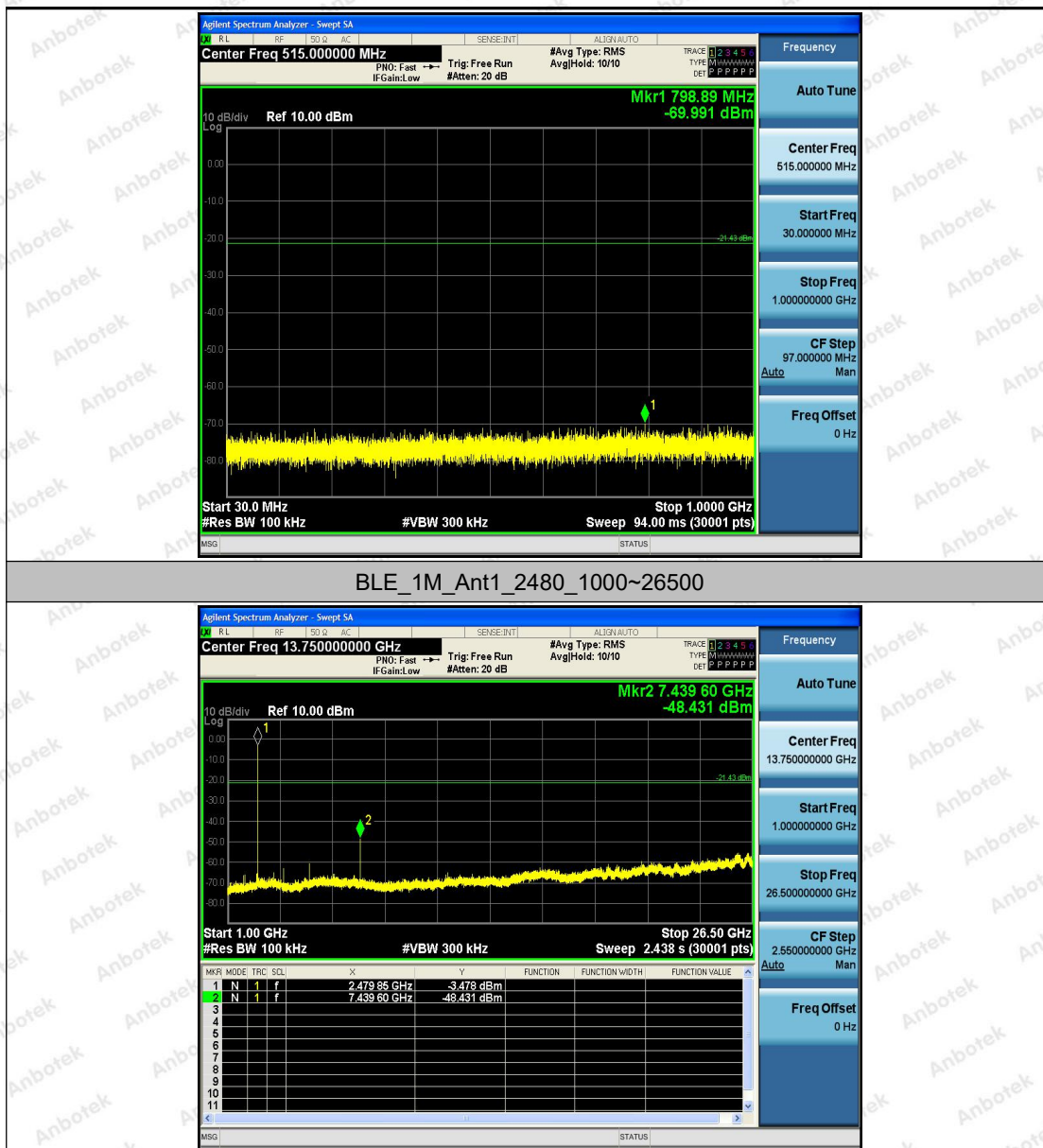
BLE_1M_Ant1_2480_30~1000

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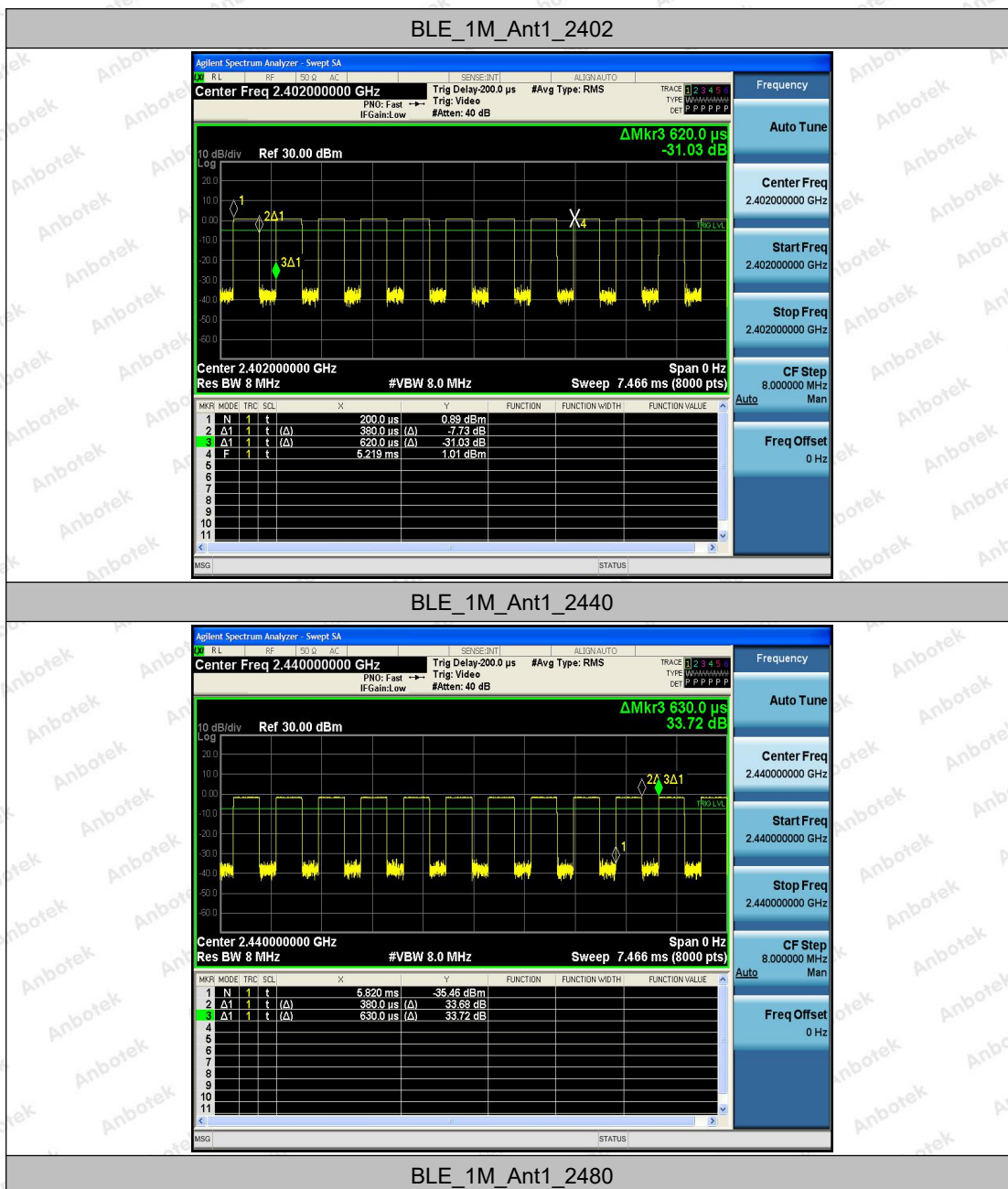
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Appendix G: Duty Cycle

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	0.63	0.603 2	60.32	2.20	---	PASS
		2480	0.38	0.62	0.612 9	61.29	2.13	---	PASS

Test Graphs



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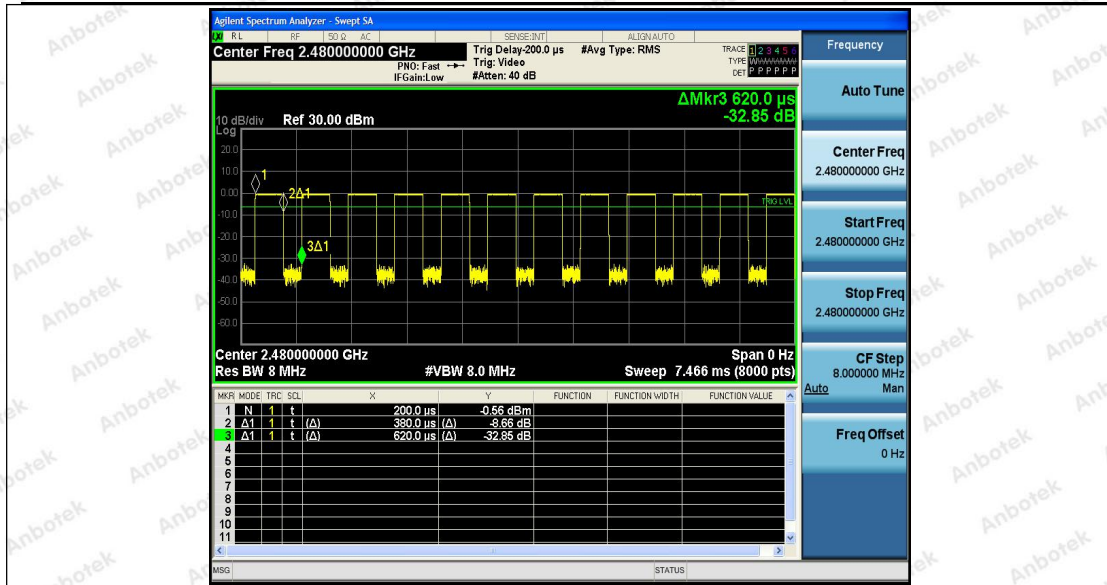
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