

Appendix Test Data

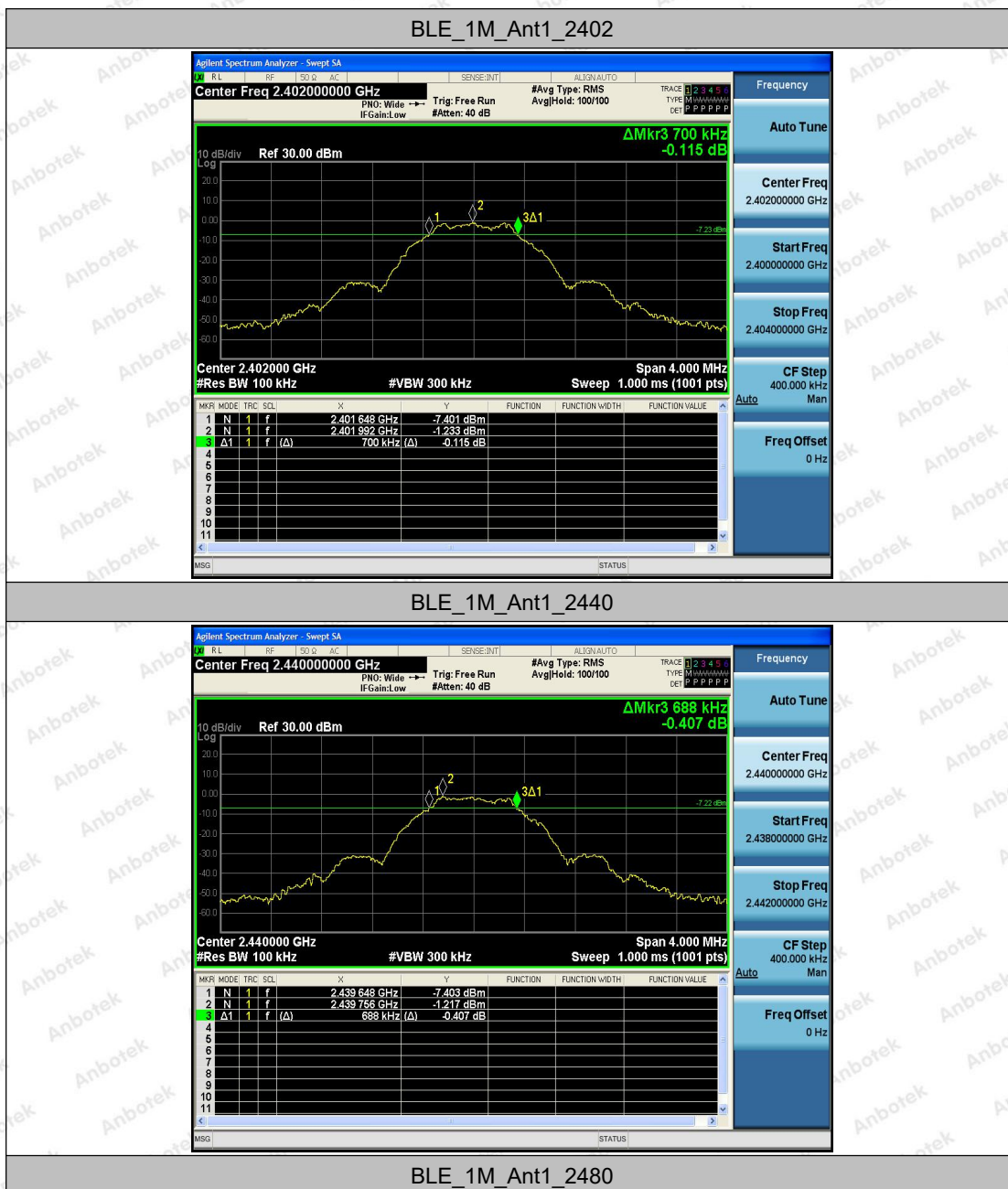
Report No.:	18220WC20074302	Test Sample No.:	1-2-2
Start Test Date:	2022.4.11	Finish Test Date:	2022.4.18
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	22.6°C	Relative Humidity:	54.7 %
Pressure:	1012 hPa		

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	2401.648	2402.348	≥0.5	PASS
		2440	0.688	2439.648	2440.336	≥0.5	PASS
		2480	0.696	2479.644	2480.340	≥0.5	PASS

Test Graphs



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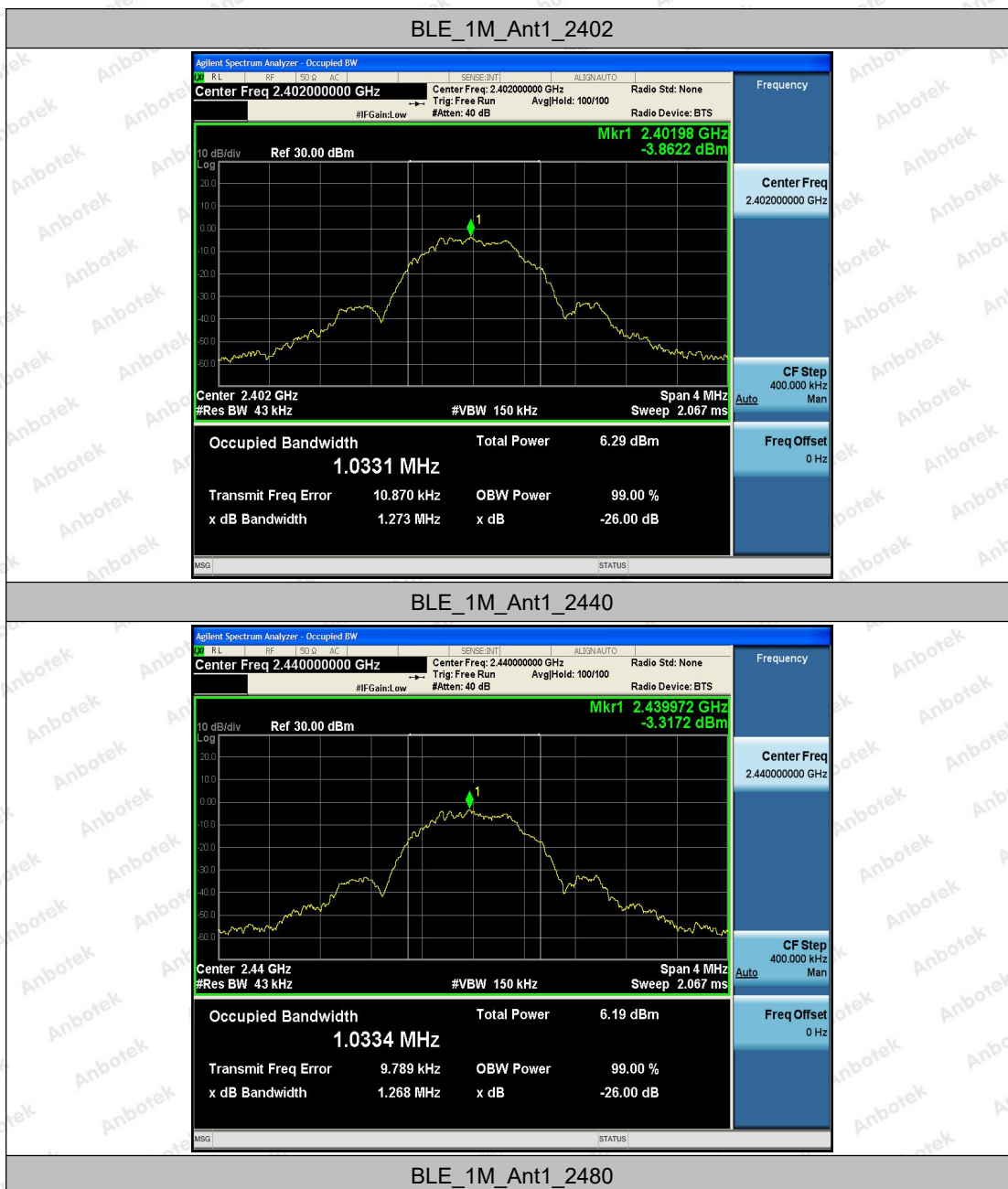
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0331	2401.494	2402.527	---	PASS
		2440	1.0334	2439.493	2440.526	---	PASS
		2480	1.0205	2479.497	2480.517	---	PASS

Test Graphs



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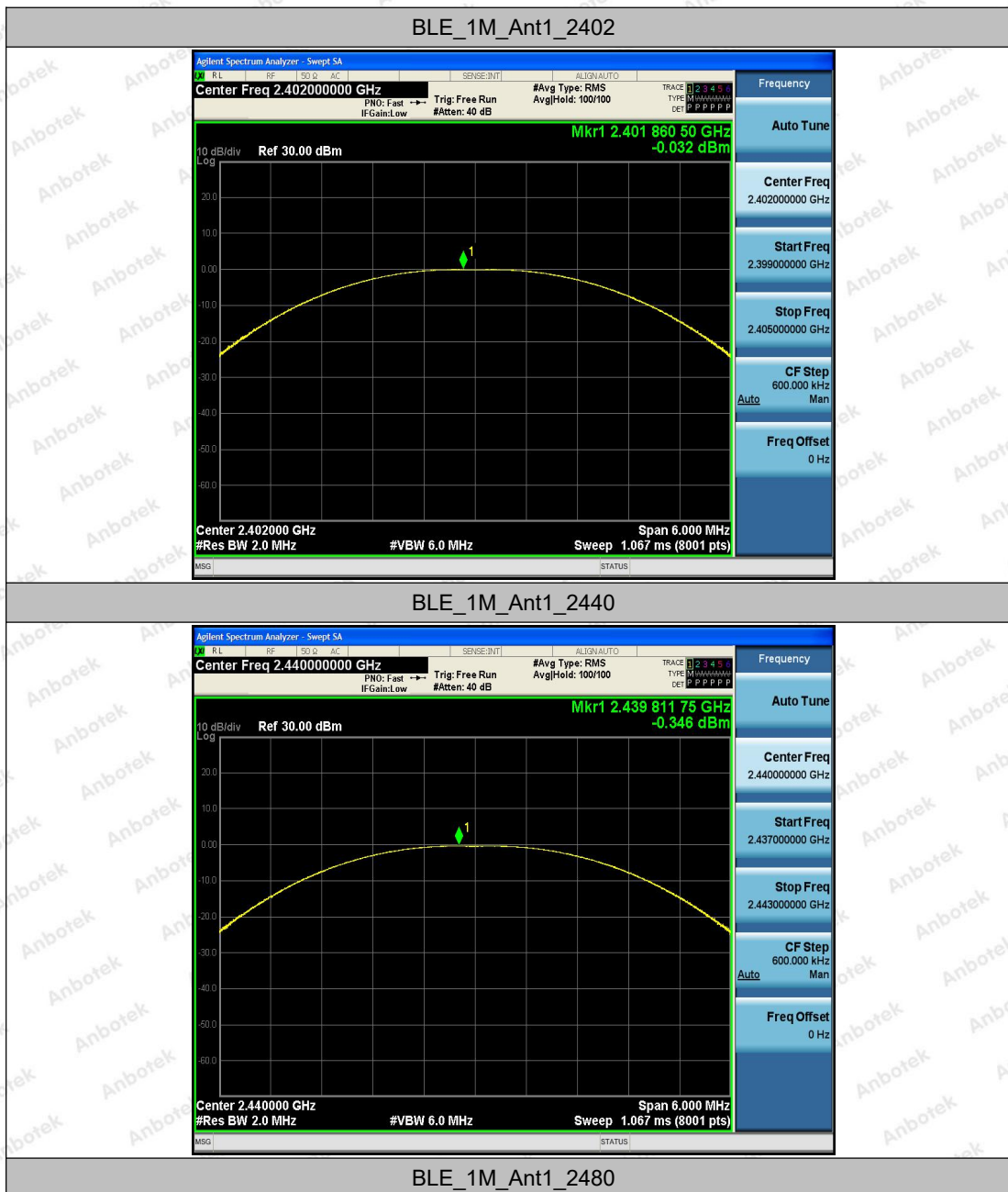
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.03	≤30	PASS
		2440	-0.35	≤30	PASS
		2480	0.18	≤30	PASS

Test Graphs

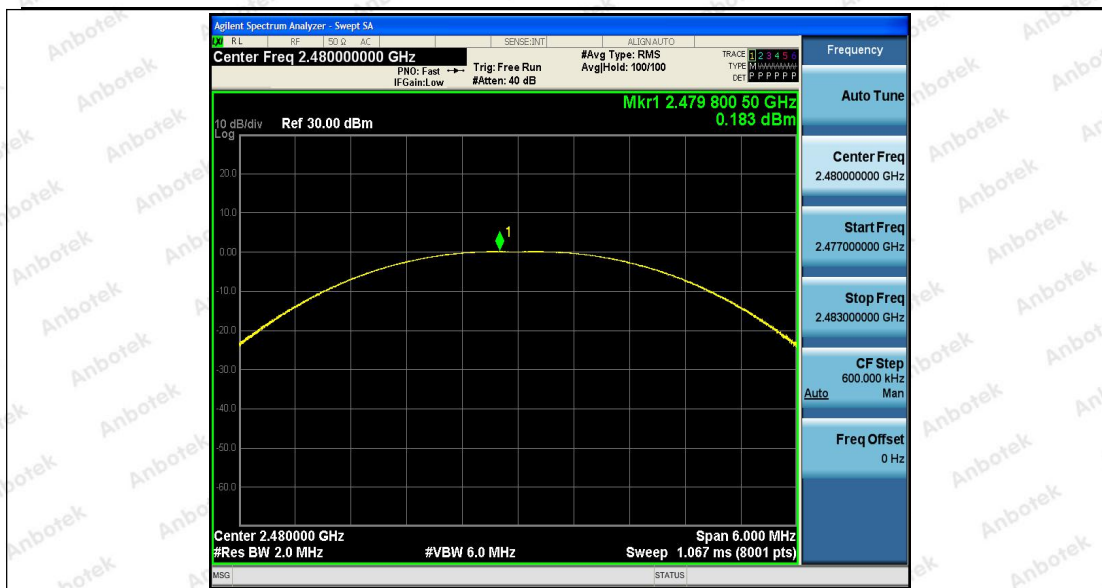


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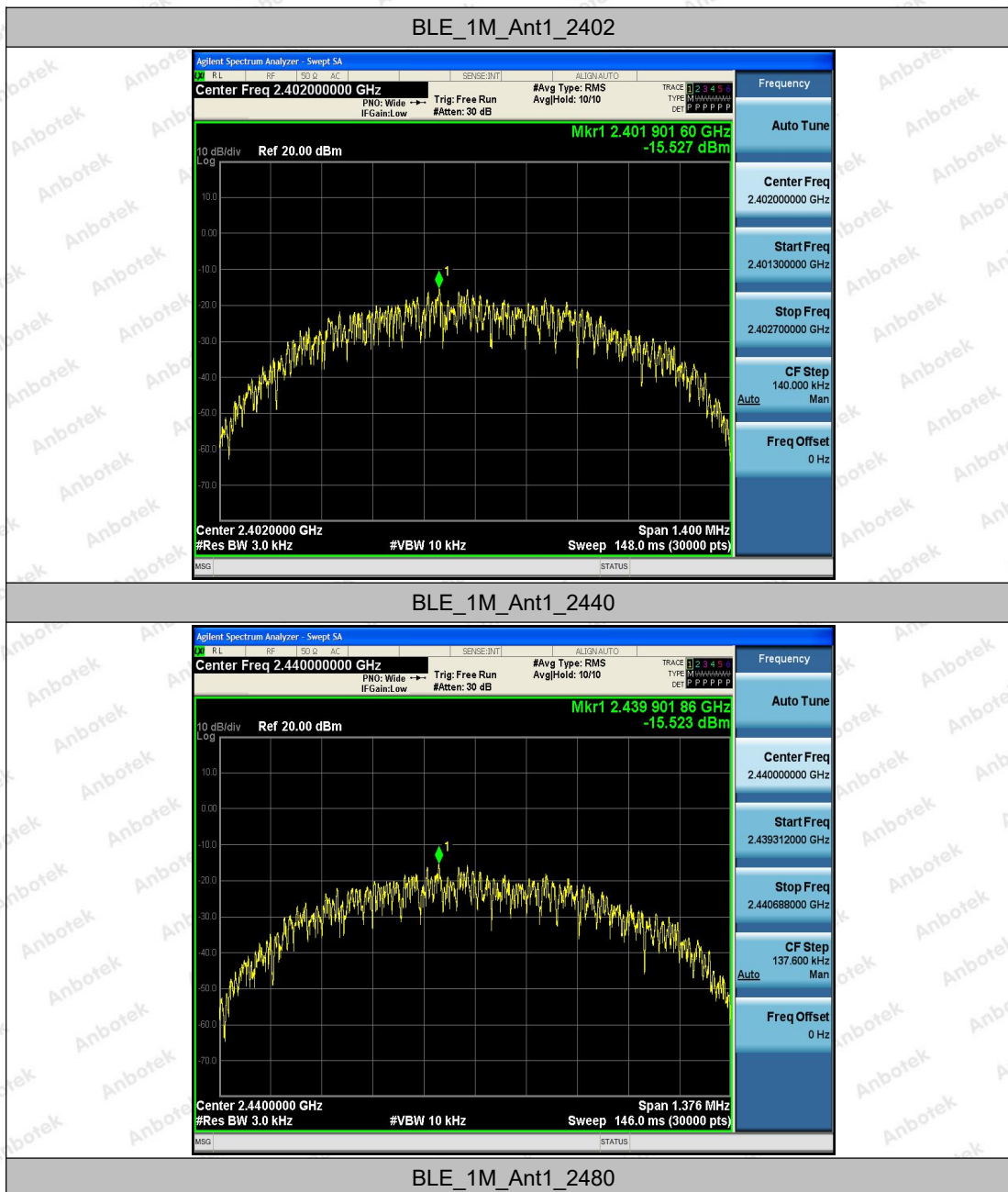
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.53	≤8	PASS
		2440	-15.52	≤8	PASS
		2480	-15.08	≤8	PASS

Test Graphs

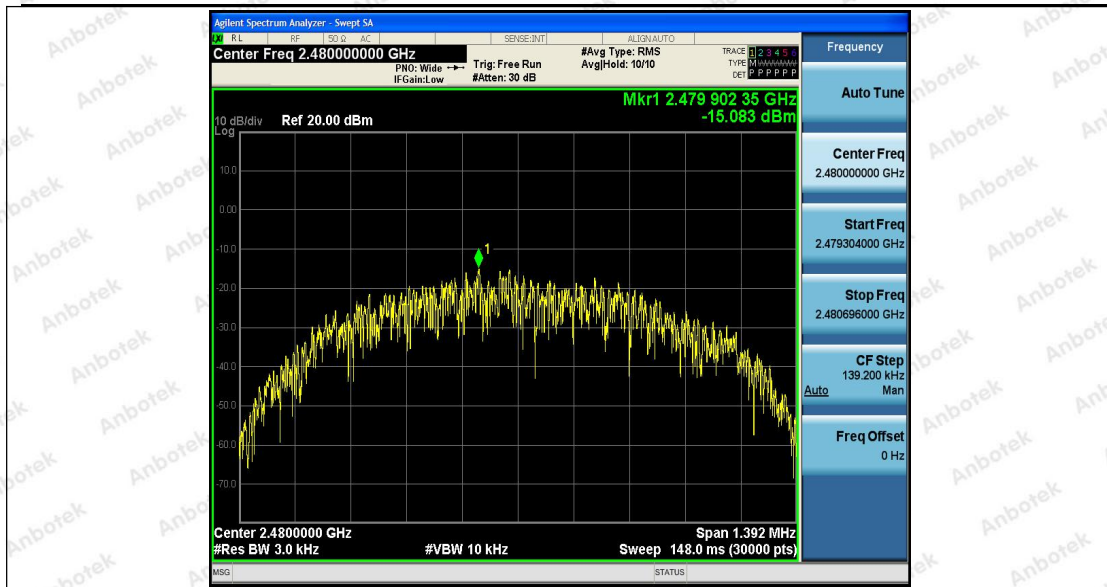


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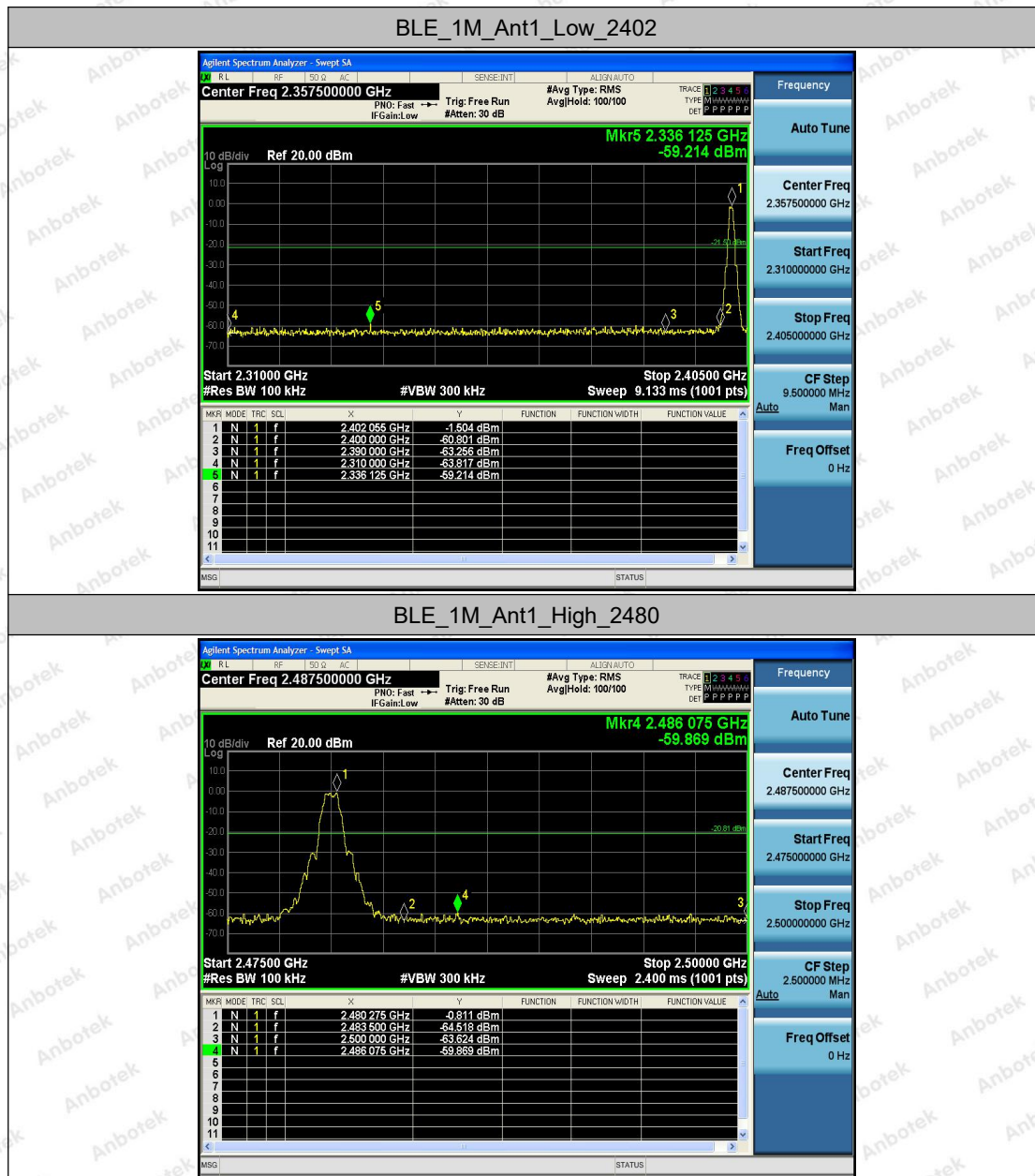
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.50	-59.21	≤ -21.5	PASS
		High	2480	-0.81	-59.87	≤ -20.81	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

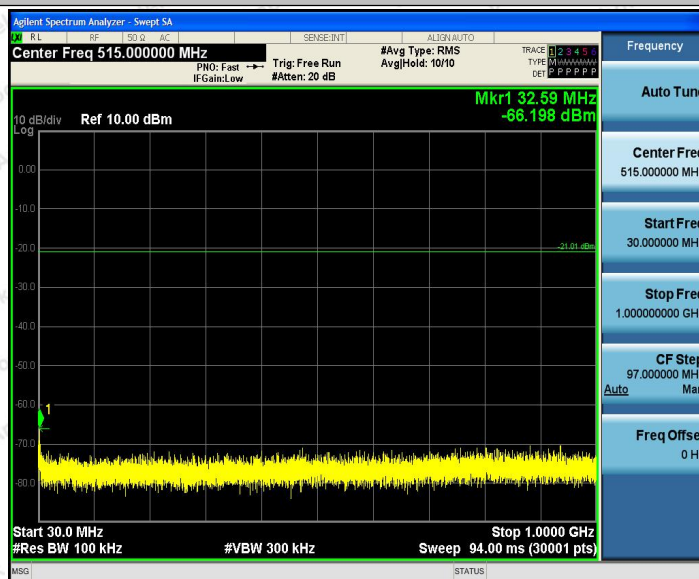
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.01	-1.01	---	PASS
			30~1000	-1.01	-66.2	≤-21.01	PASS
			1000~265 00	-1.01	-55.16	≤-21.01	PASS
		2440	Reference	-1.14	-1.14	---	PASS
			30~1000	-1.14	-69.94	≤-21.14	PASS
			1000~265 00	-1.14	-55.36	≤-21.14	PASS
		2480	Reference	-0.76	-0.76	---	PASS
			30~1000	-0.76	-70.25	≤-20.76	PASS
			1000~265 00	-0.76	-55.59	≤-20.76	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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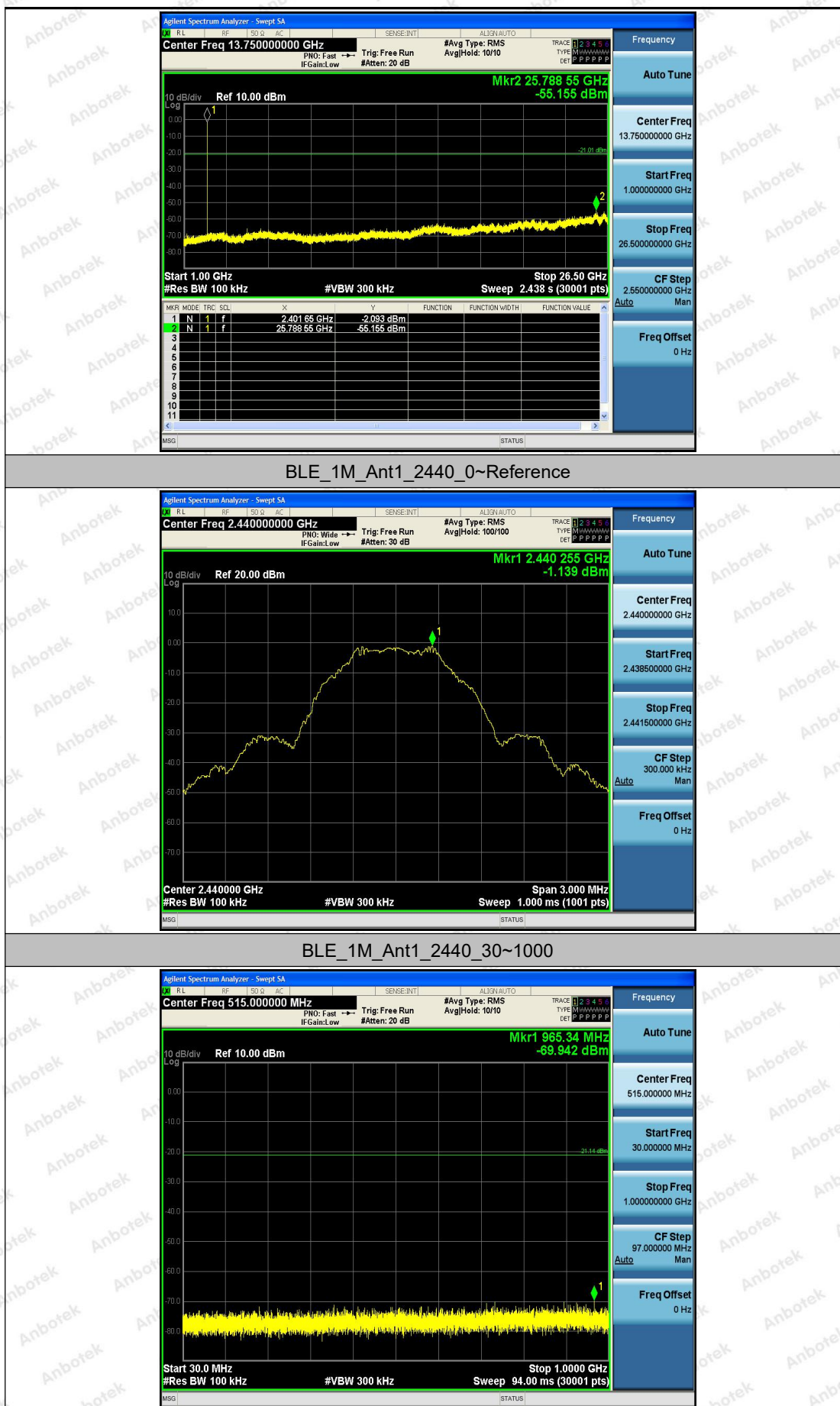
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



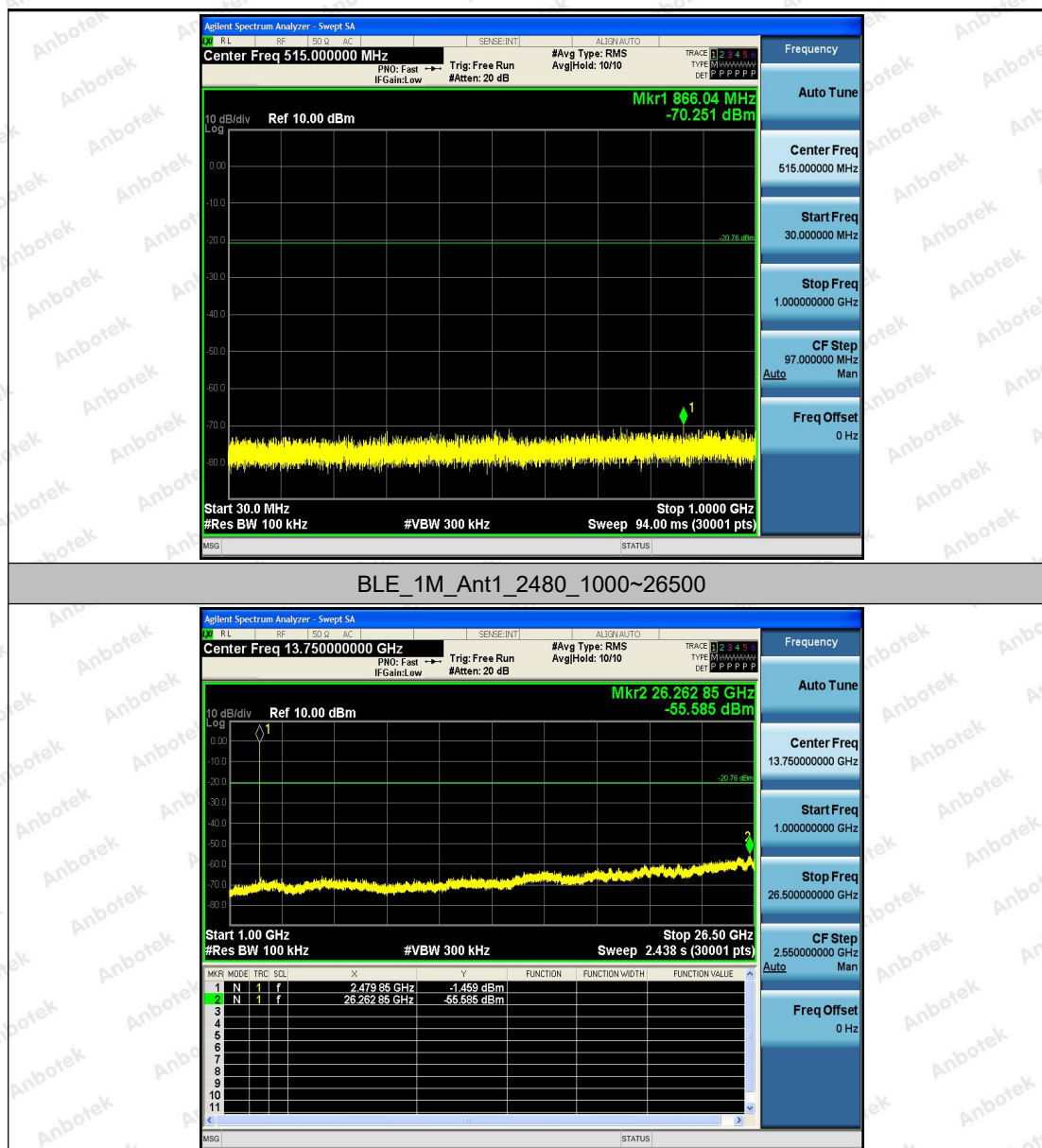
BLE_1M_Ant1_2480_30~1000

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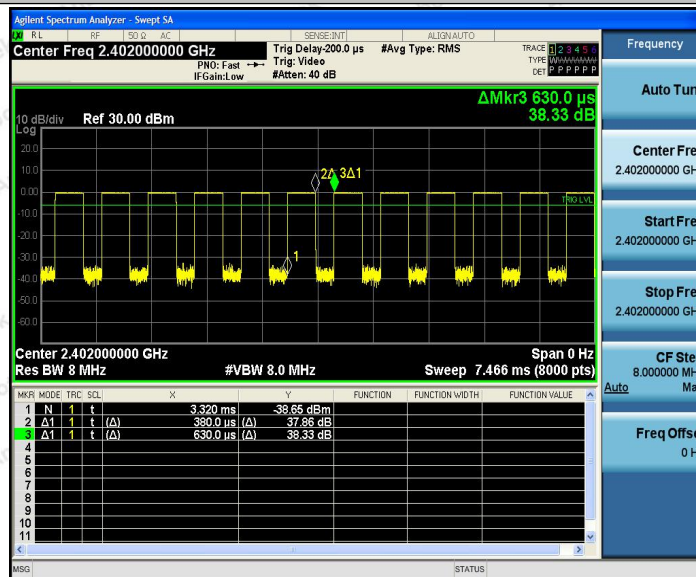
Appendix G: Duty Cycle

Test Result

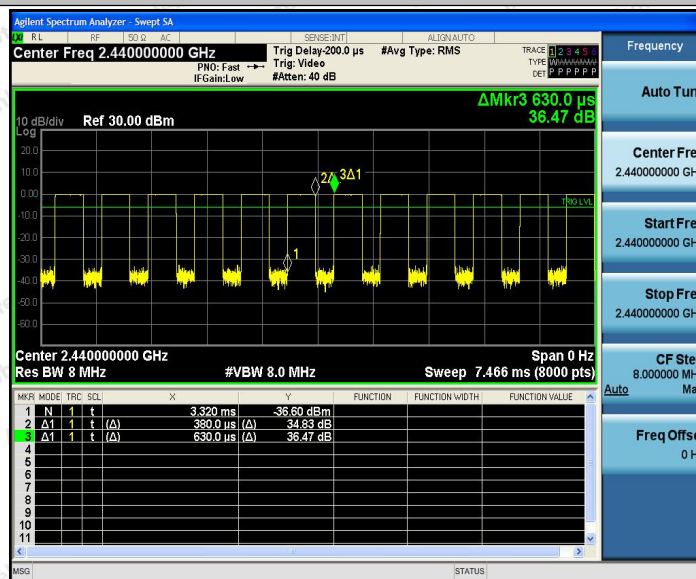
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.603 2	60.32	2.20	---	PASS
		2440	0.38	0.63	0.603 2	60.32	2.20	---	PASS
		2480	0.38	0.63	0.603 2	60.32	2.20	---	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

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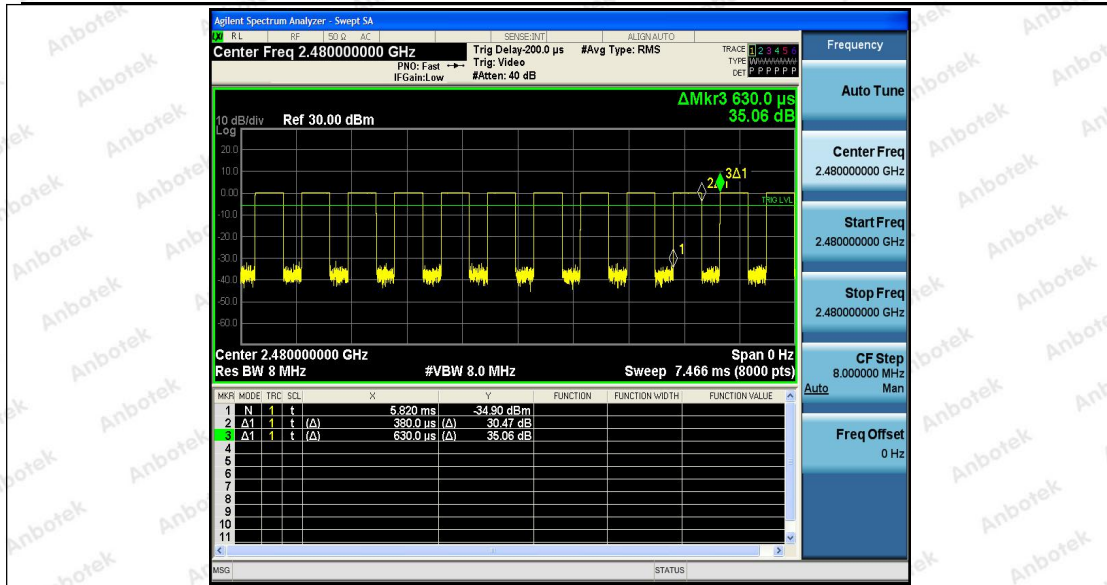
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