

Appendix Test Data

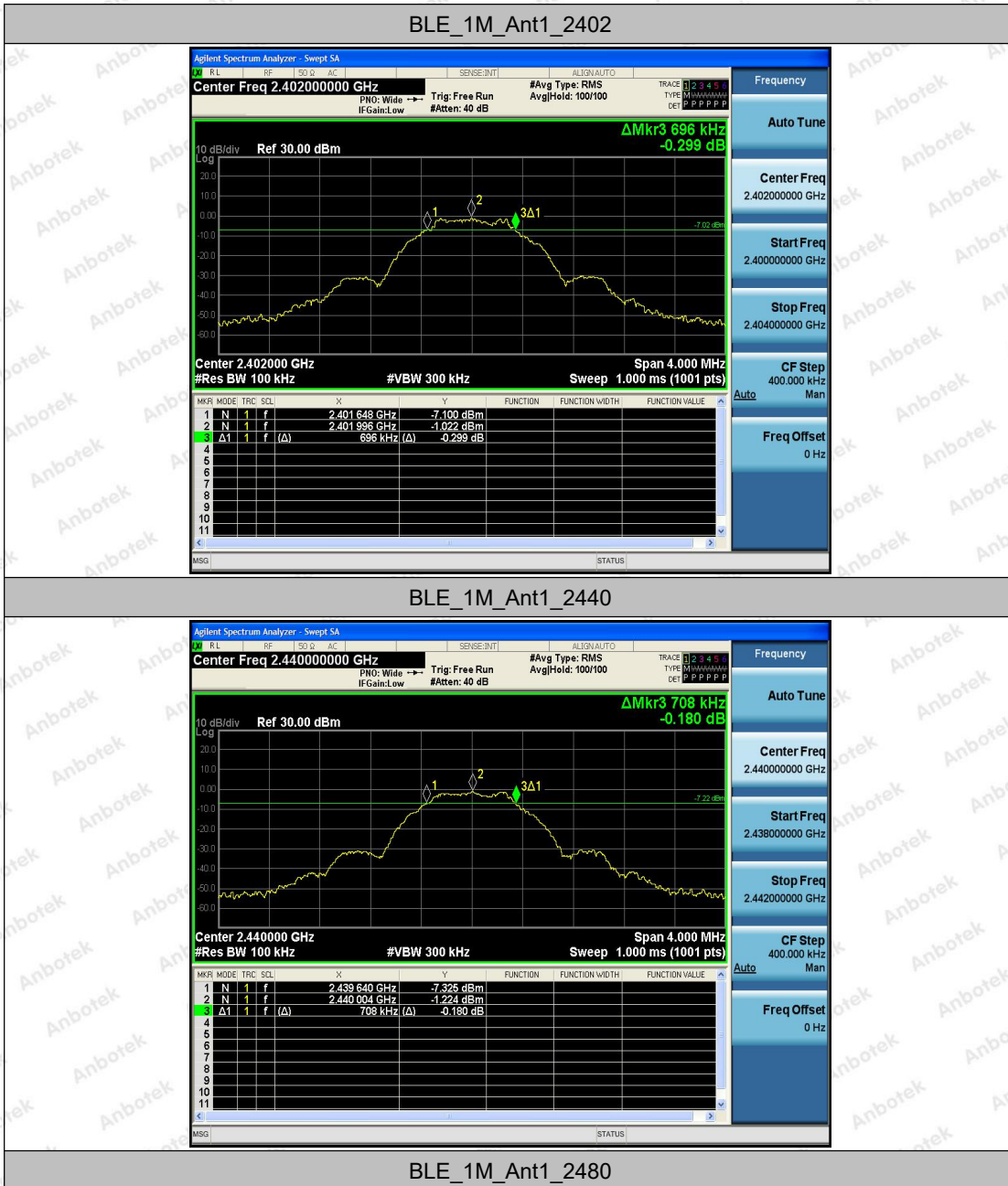
Report No.:	18220WC20045002	Test Sample No.:	1-2-2
Start Test Date:	2022.3.9	Finish Test Date:	2022.3.11
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	55.7 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.648	2402.344	≥0.5	PASS
		2440	0.708	2439.640	2440.348	≥0.5	PASS
		2480	0.720	2479.636	2480.356	≥0.5	PASS

Test Graphs





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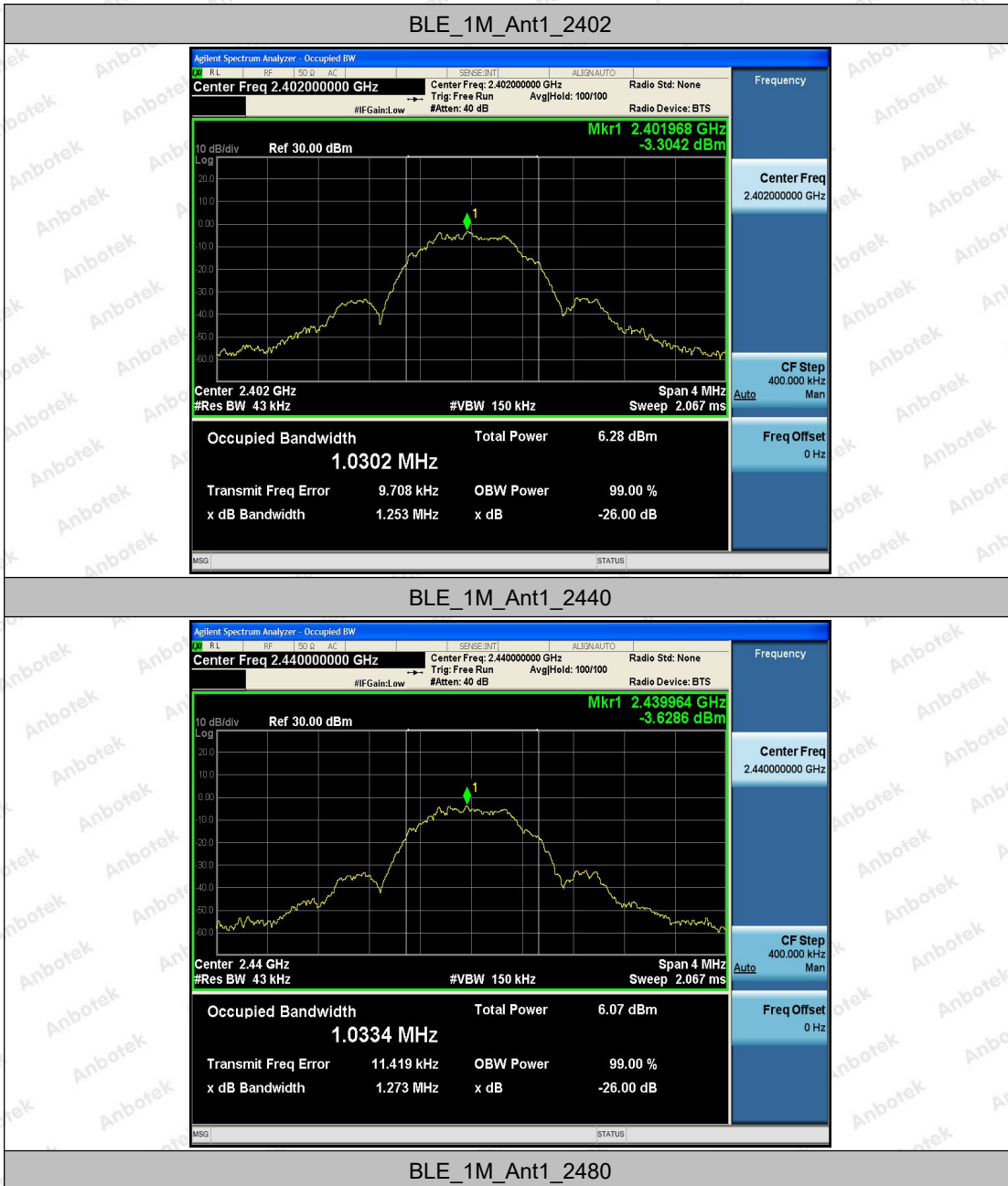
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0302	2401.495	2402.525	---	PASS
		2440	1.0334	2439.495	2440.528	---	PASS
		2480	1.0217	2479.499	2480.521	---	PASS

Test Graphs



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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.09	≤30	PASS
		2440	-0.28	≤30	PASS
		2480	0.47	≤30	PASS

Test Graphs

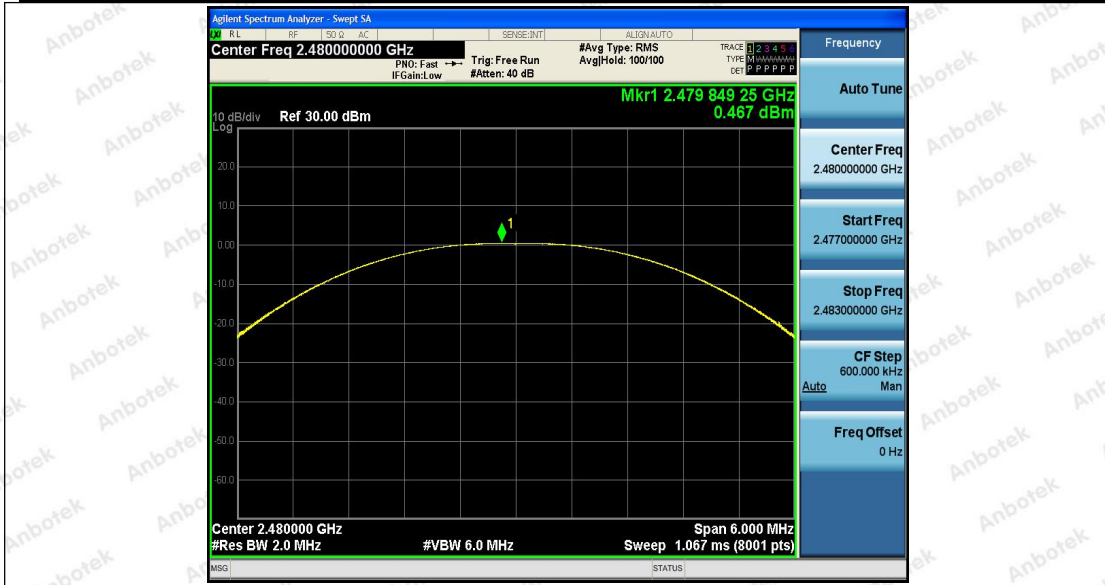


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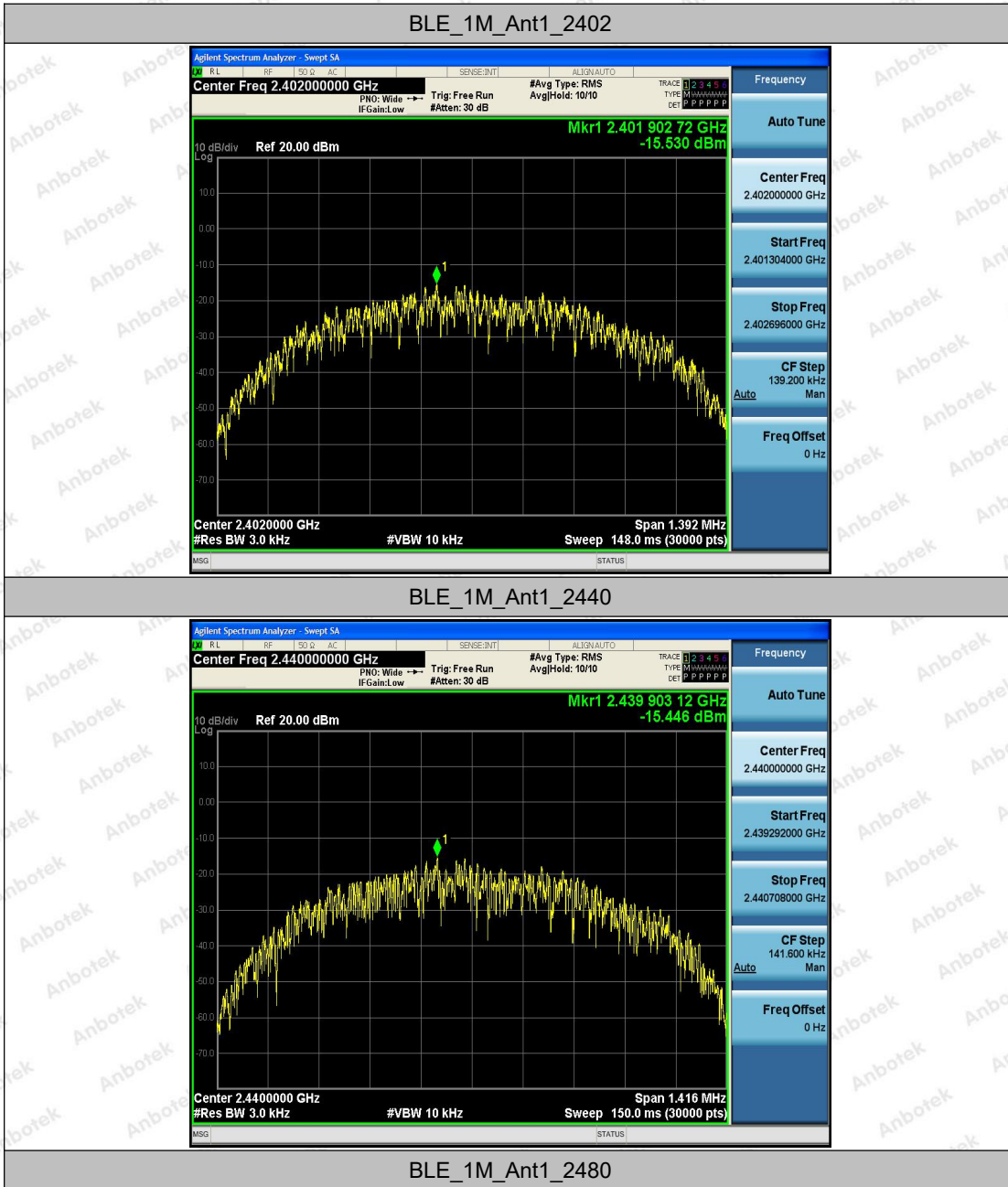
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.53	≤8	PASS
		2440	-15.45	≤8	PASS
		2480	-14.71	≤8	PASS

Test Graphs



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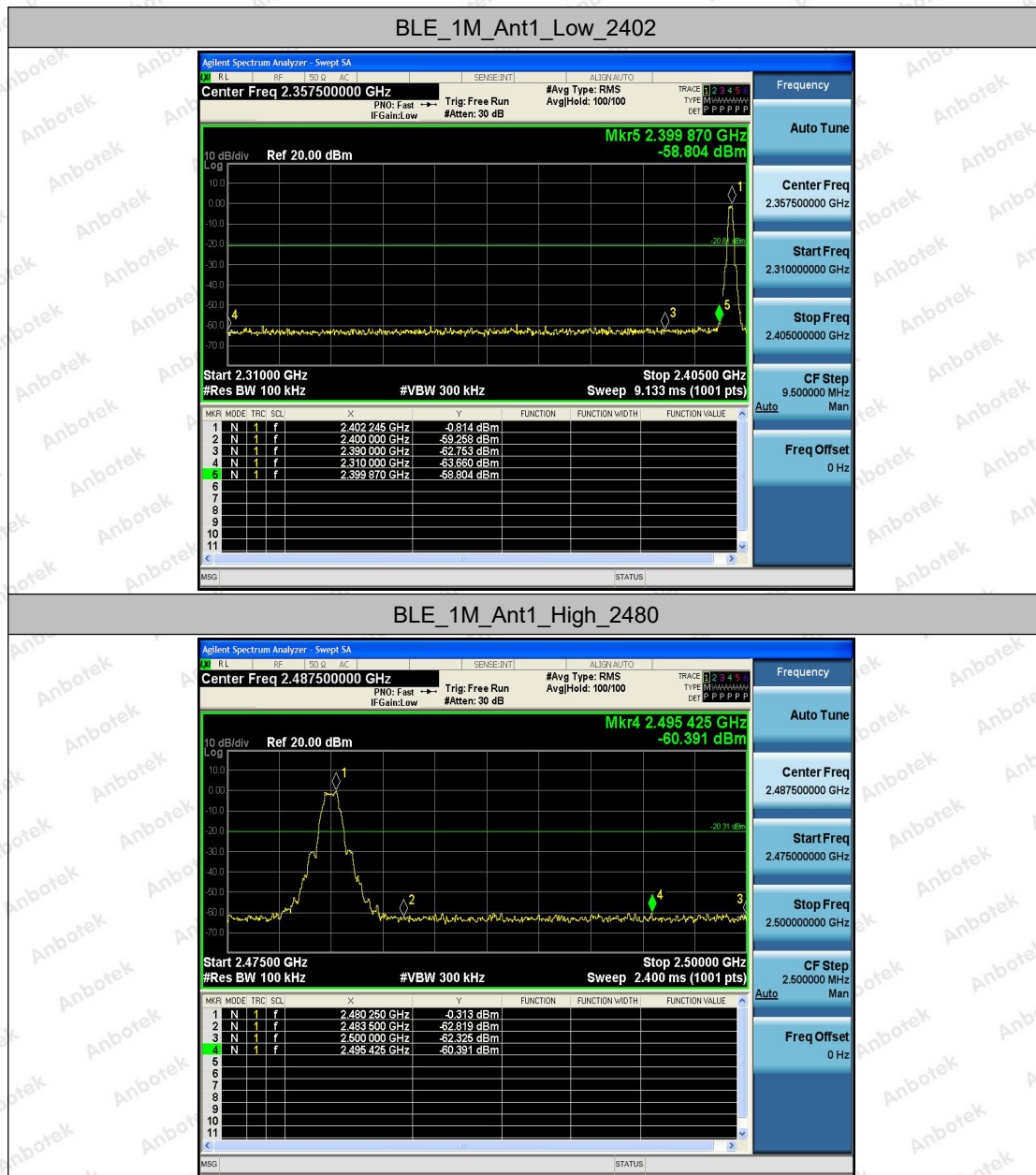
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.81	-58.8	≤-20.81	PASS
		High	2480	-0.31	-60.39	≤-20.31	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.16	-1.16	---	PASS
			30~1000	-1.16	-70.59	≤-21.16	PASS
			1000~26500	-1.16	-55.23	≤-21.16	PASS
		2440	Reference	-1.37	-1.37	---	PASS
			30~1000	-1.37	-69.71	≤-21.37	PASS
			1000~26500	-1.37	-55.21	≤-21.37	PASS
		2480	Reference	-0.51	-0.51	---	PASS
			30~1000	-0.51	-69.95	≤-20.51	PASS
			1000~26500	-0.51	-55.22	≤-20.51	PASS

Test Graphs

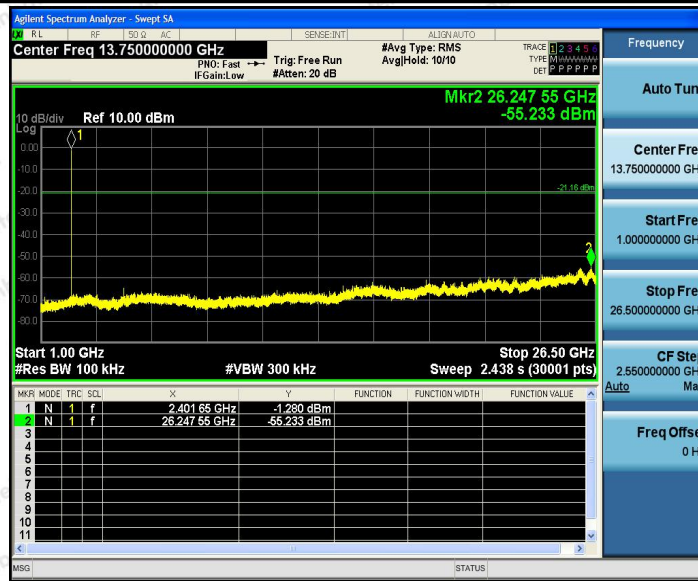


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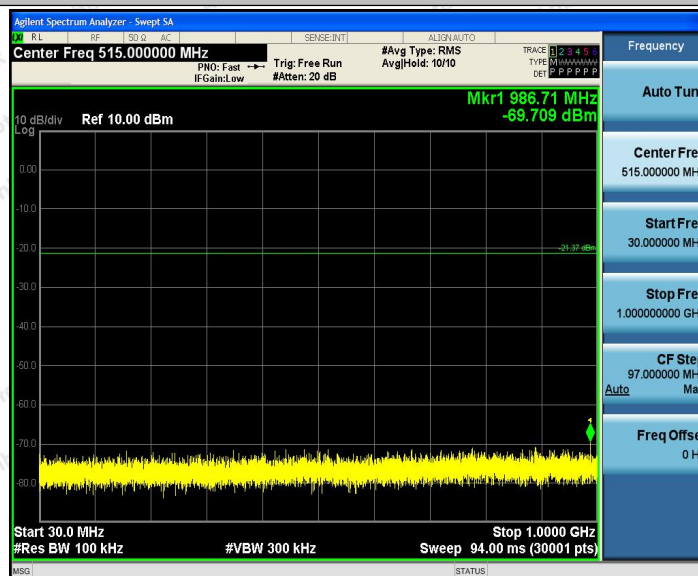
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BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000

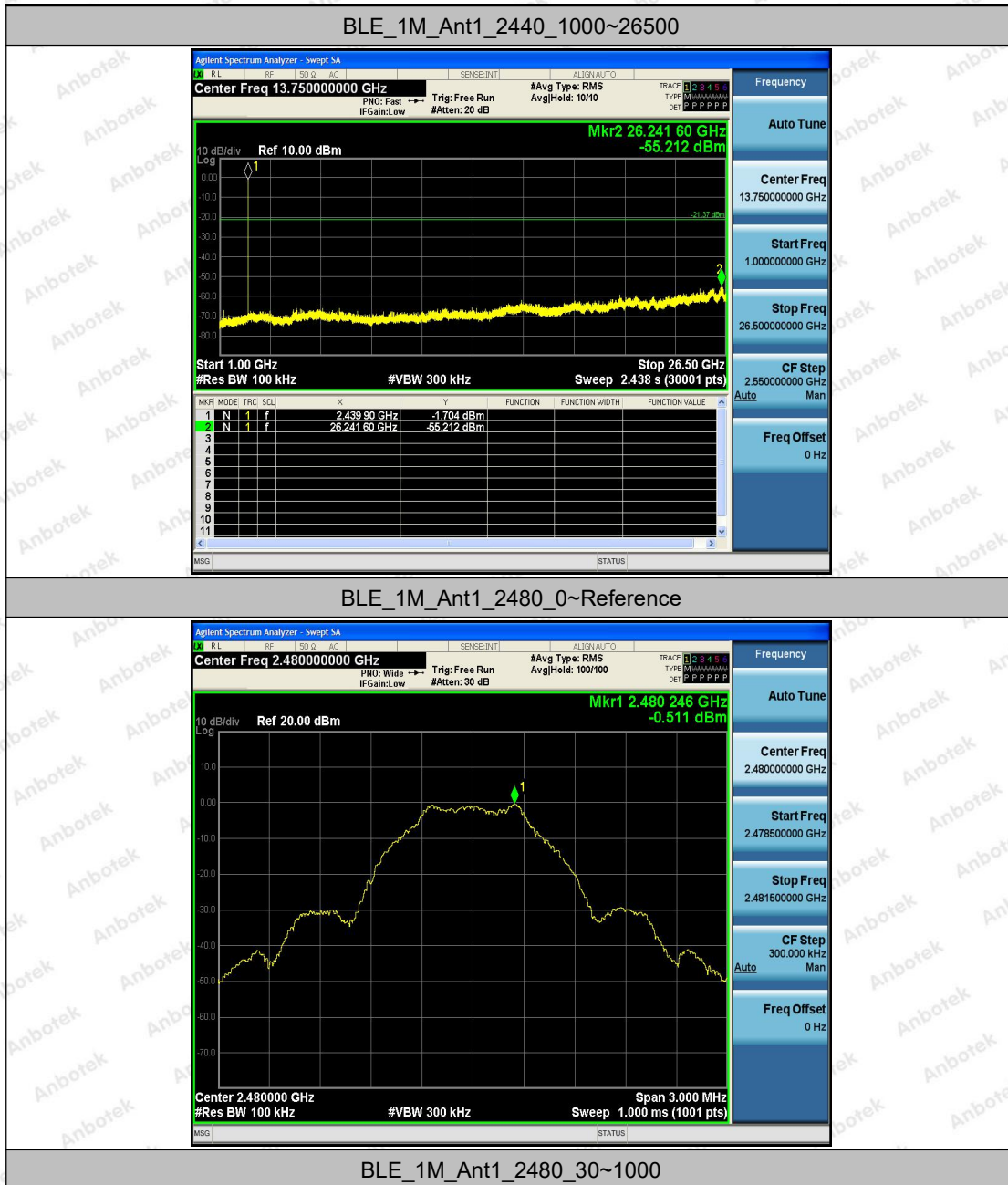


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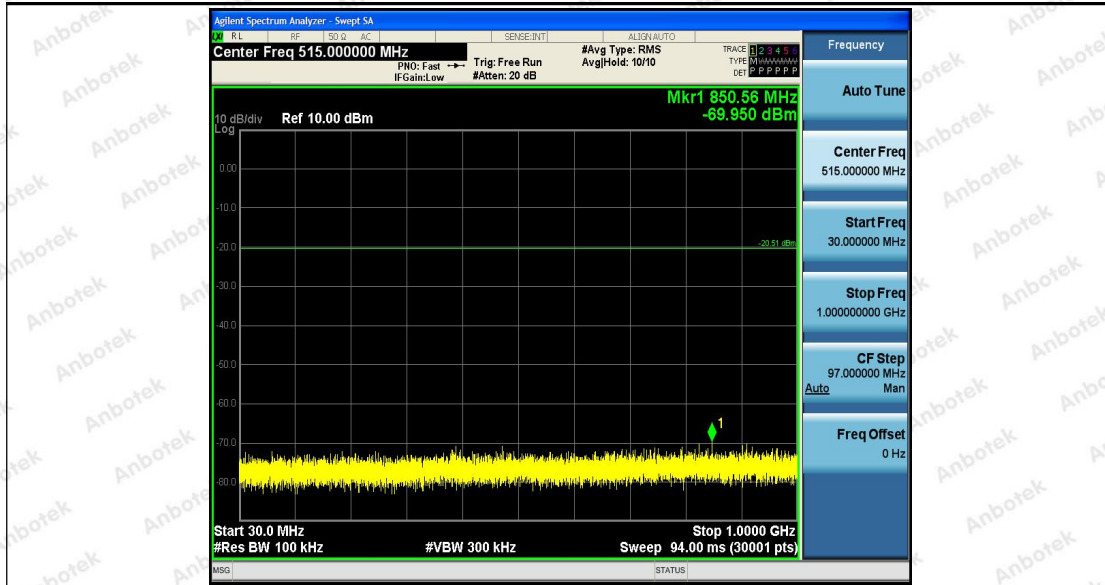


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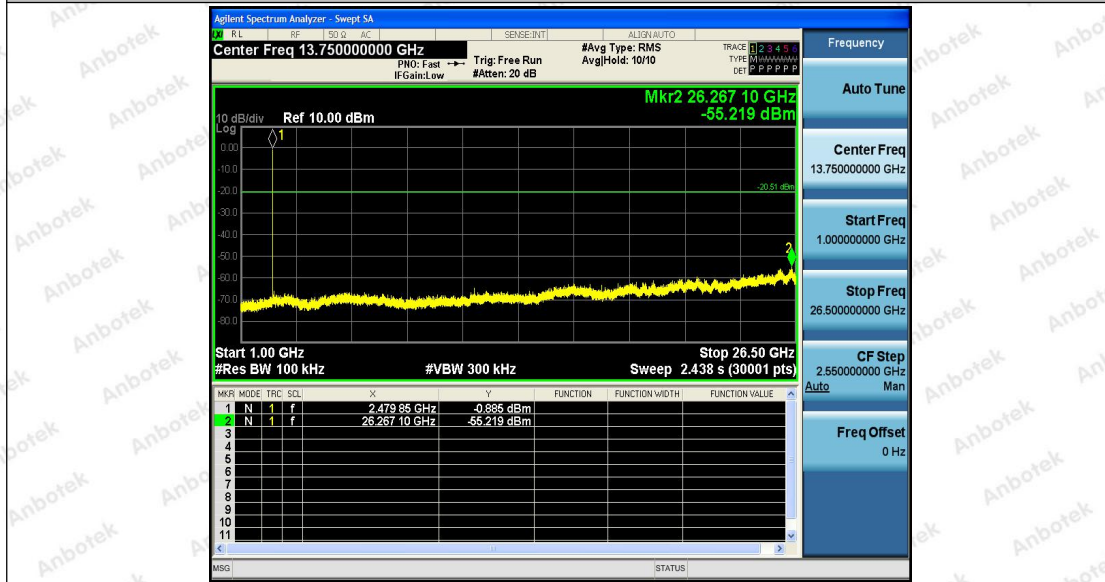
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BLE_1M_Ant1_2480_1000~26500



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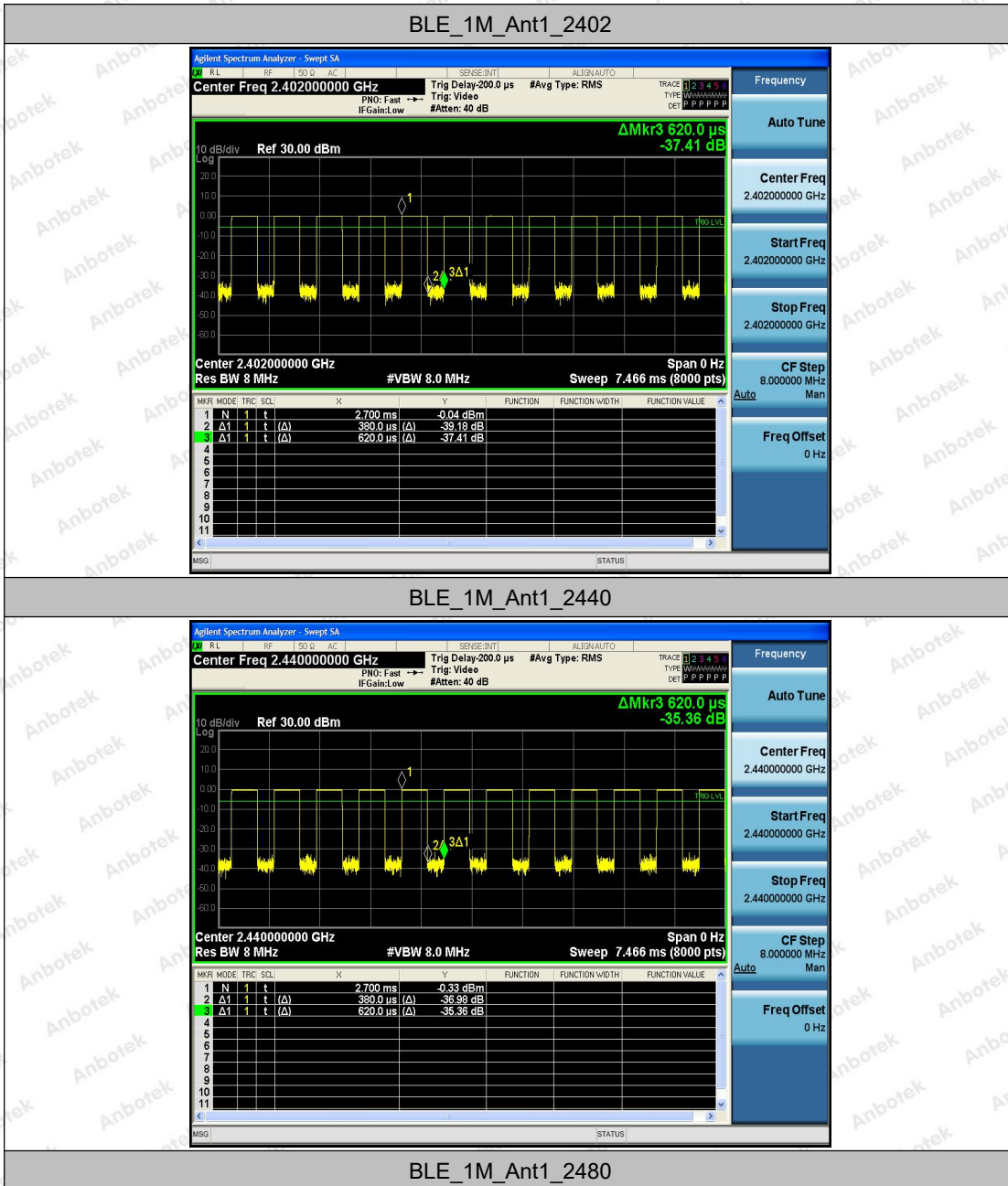
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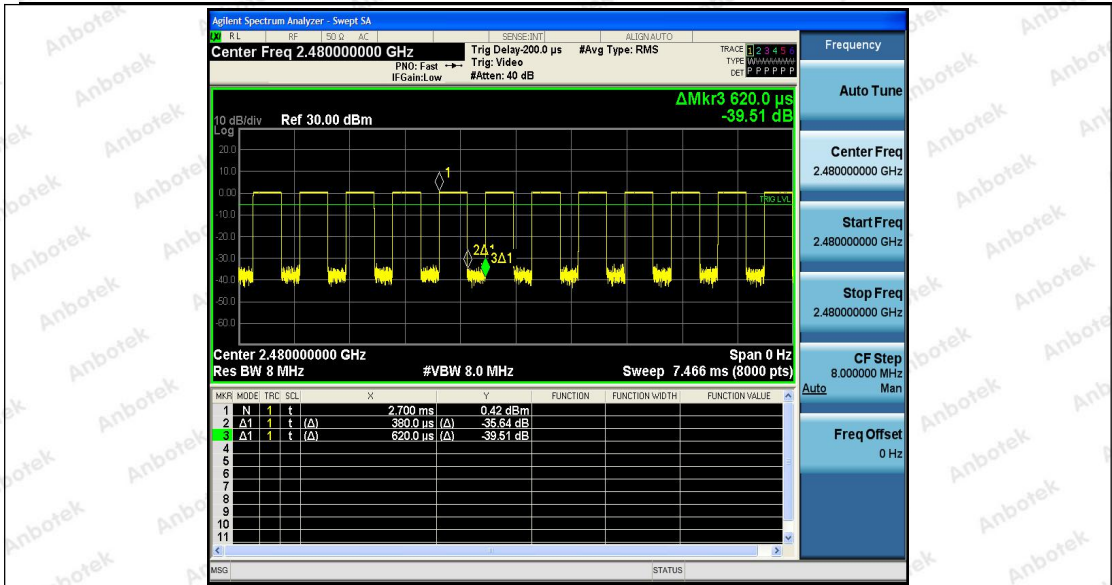
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.62	0.6129	61.29	2.13	---	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

Test Graphs





---End---