

Appendix Test Data

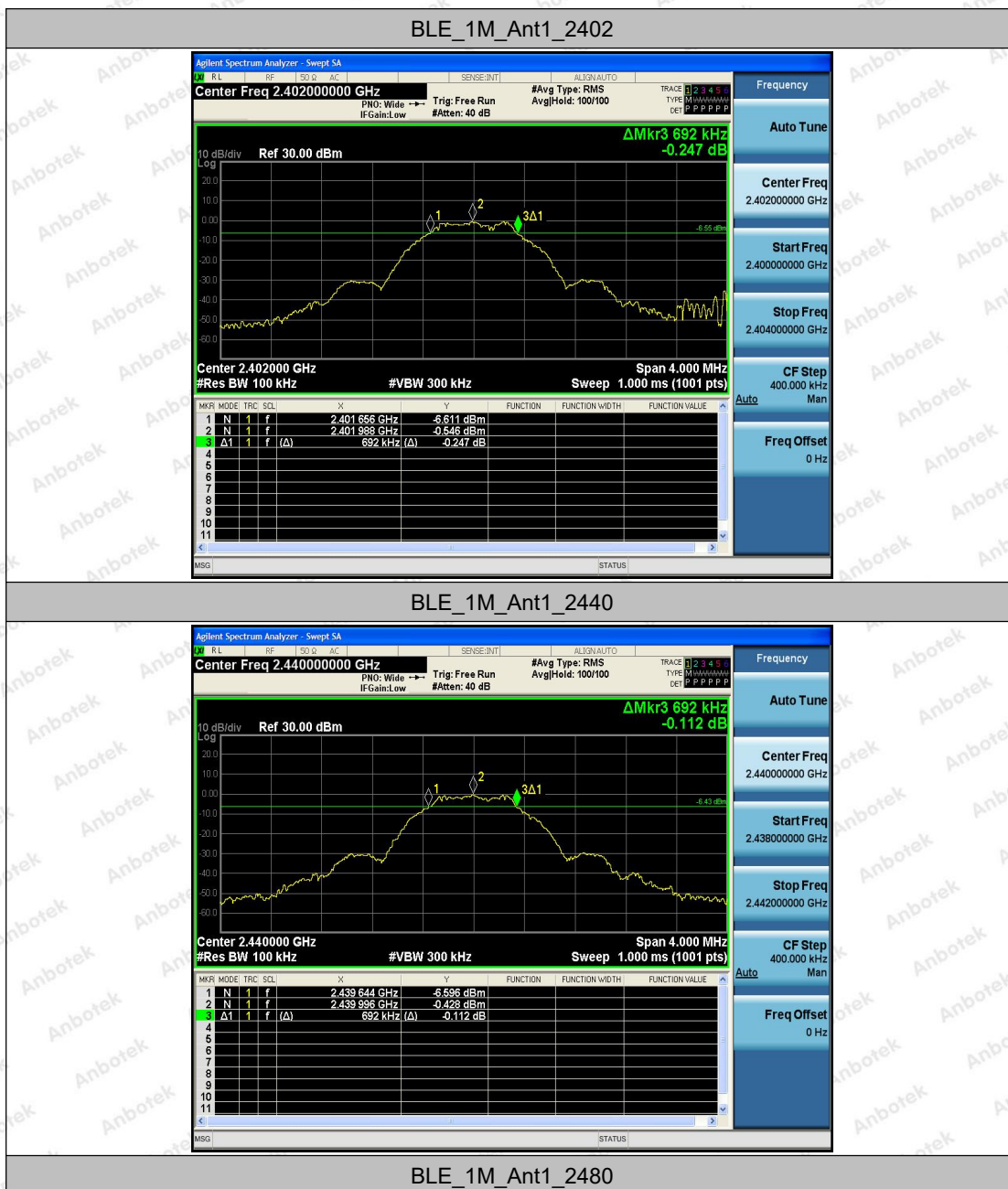
Report No.:	18220WC20125402	Test Sample No.:	1-2-2
Start Test Date:	2022.6.14	Finish Test Date:	2022.6.15
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.1 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.656	2402.348	≥0.5	PASS
		2440	0.692	2439.644	2440.336	≥0.5	PASS
		2480	0.692	2479.648	2480.340	≥0.5	PASS

Test Graphs



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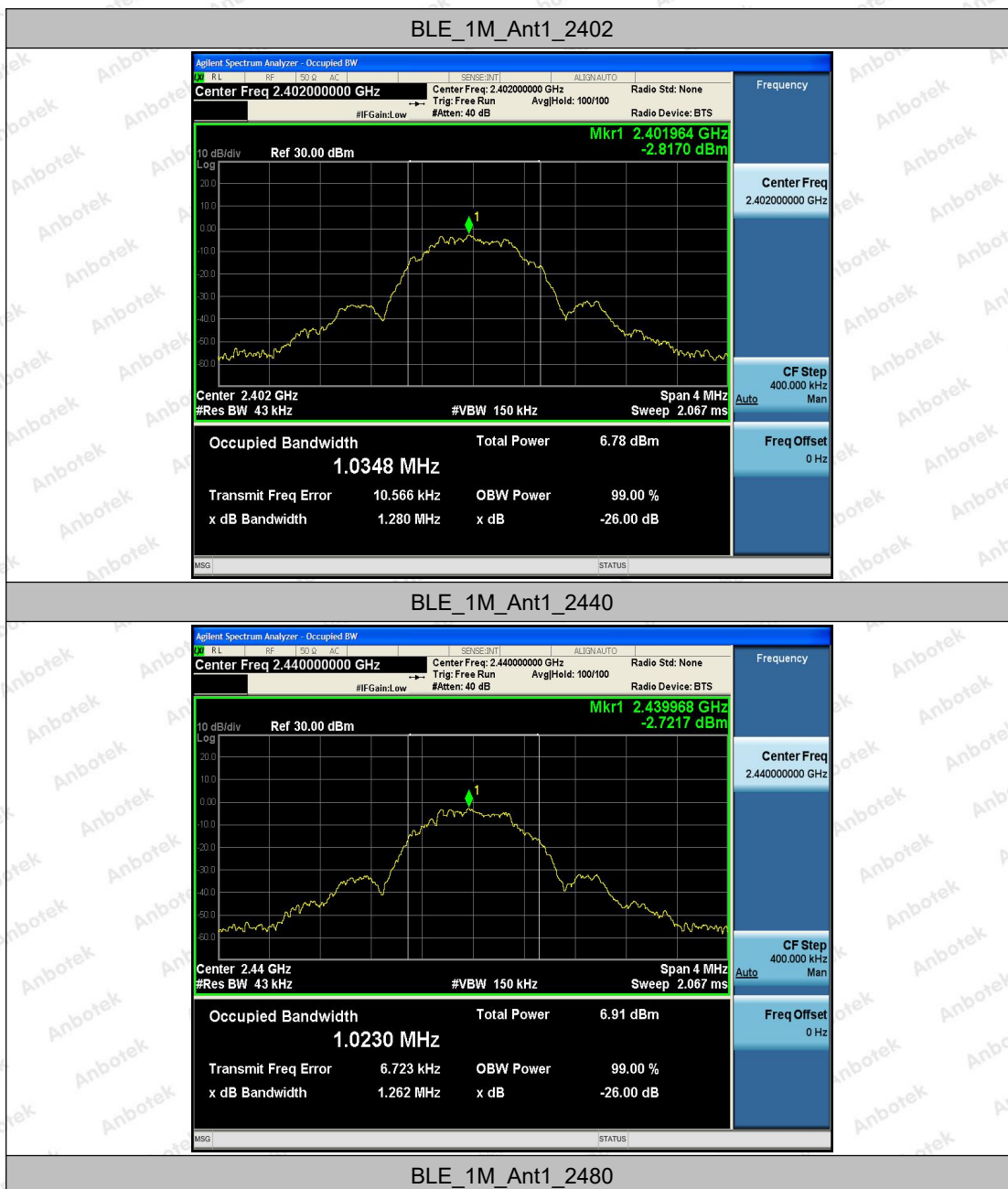
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0348	2401.493	2402.528	---	PASS
		2440	1.0230	2439.495	2440.518	---	PASS
		2480	1.0271	2479.495	2480.522	---	PASS

Test Graphs



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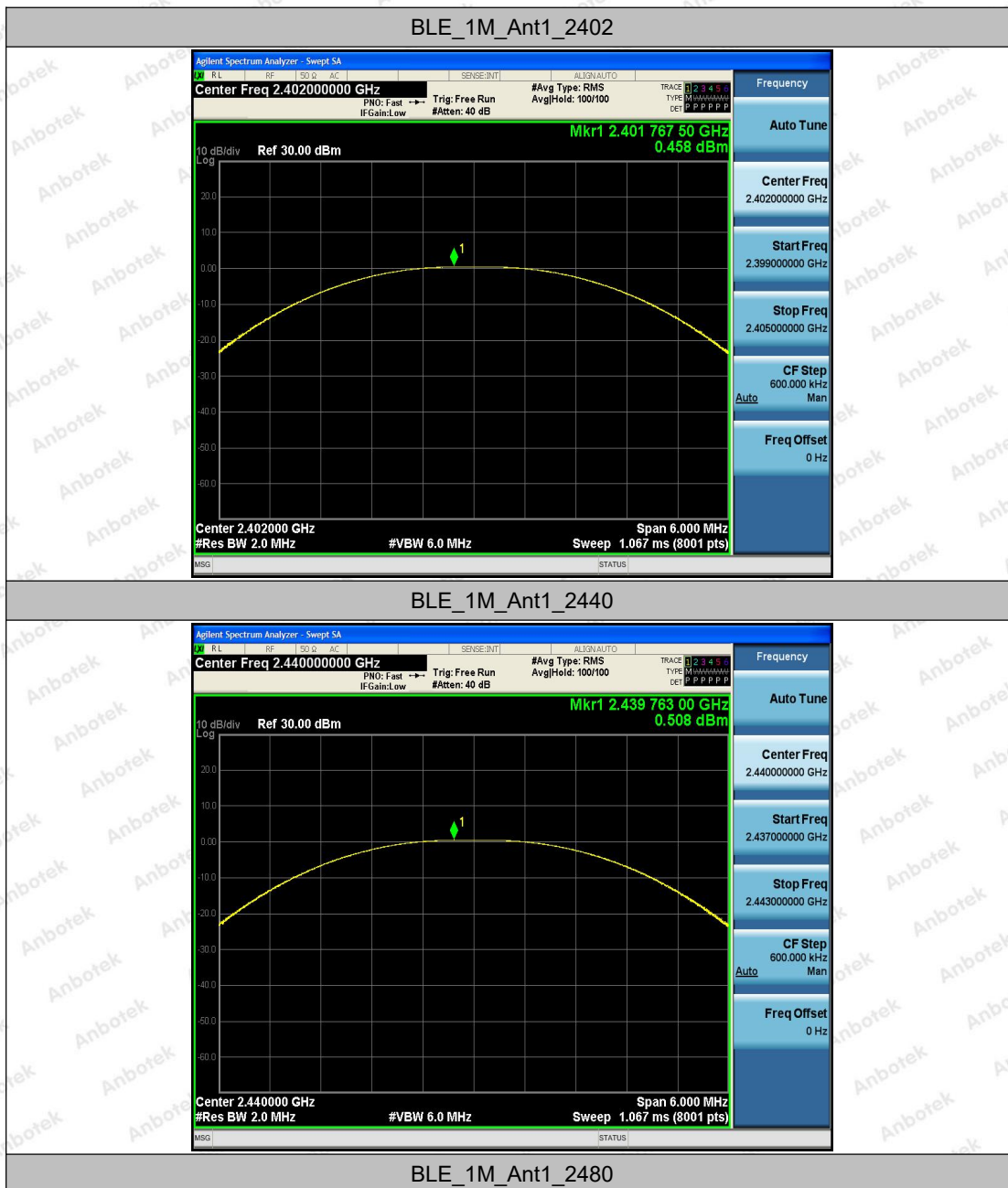
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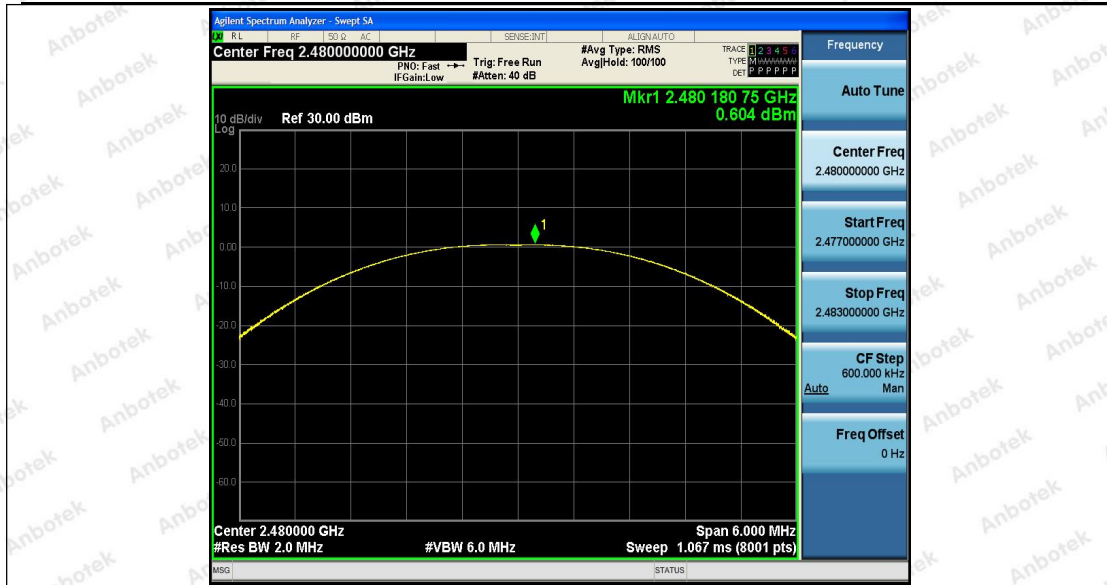
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.46	≤30	PASS
		2440	0.51	≤30	PASS
		2480	0.6	≤30	PASS

Test Graphs





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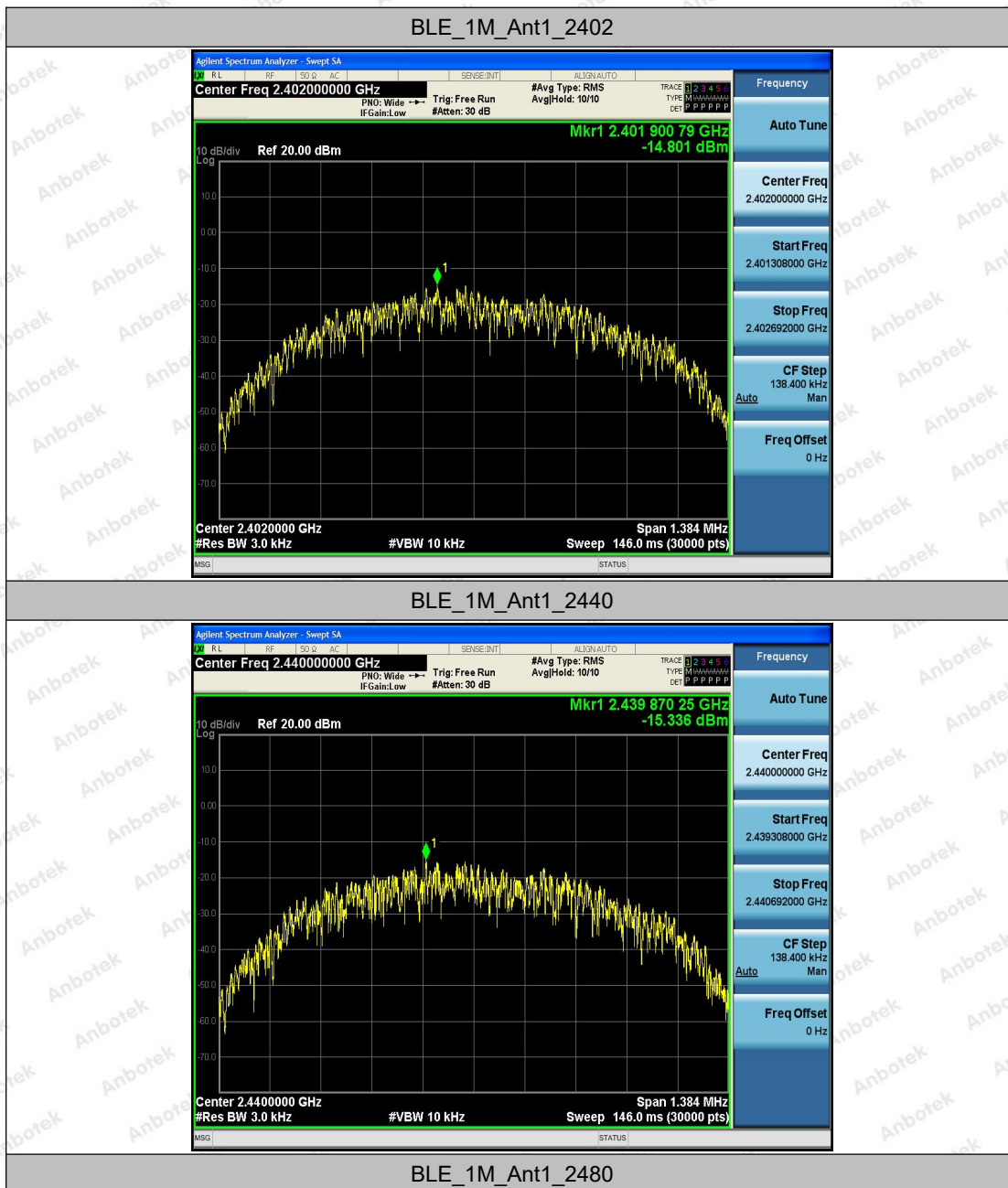
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.8	≤8	PASS
		2440	-15.34	≤8	PASS
		2480	-15.61	≤8	PASS

Test Graphs

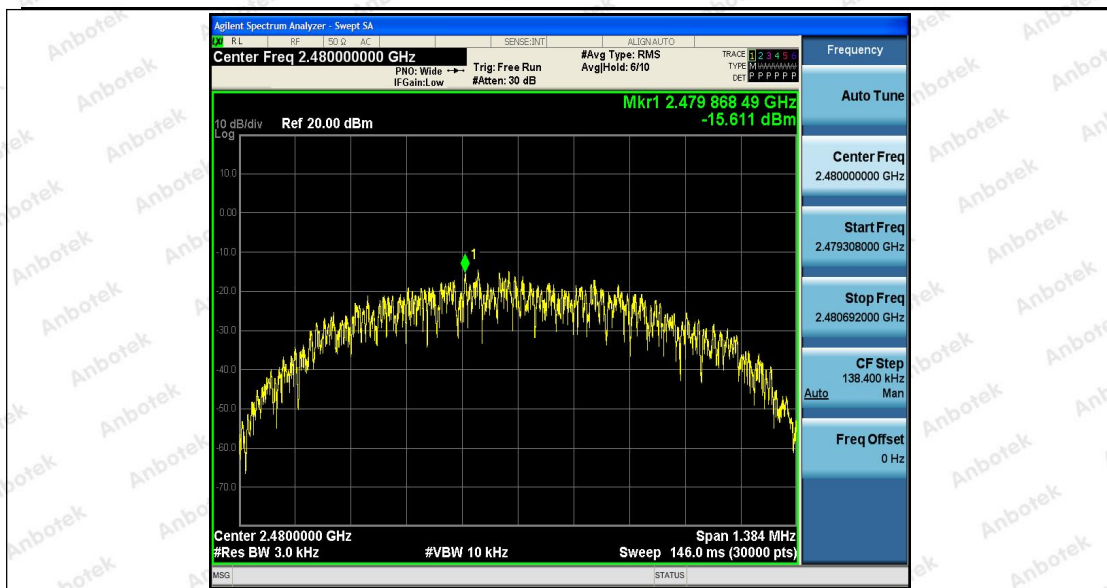


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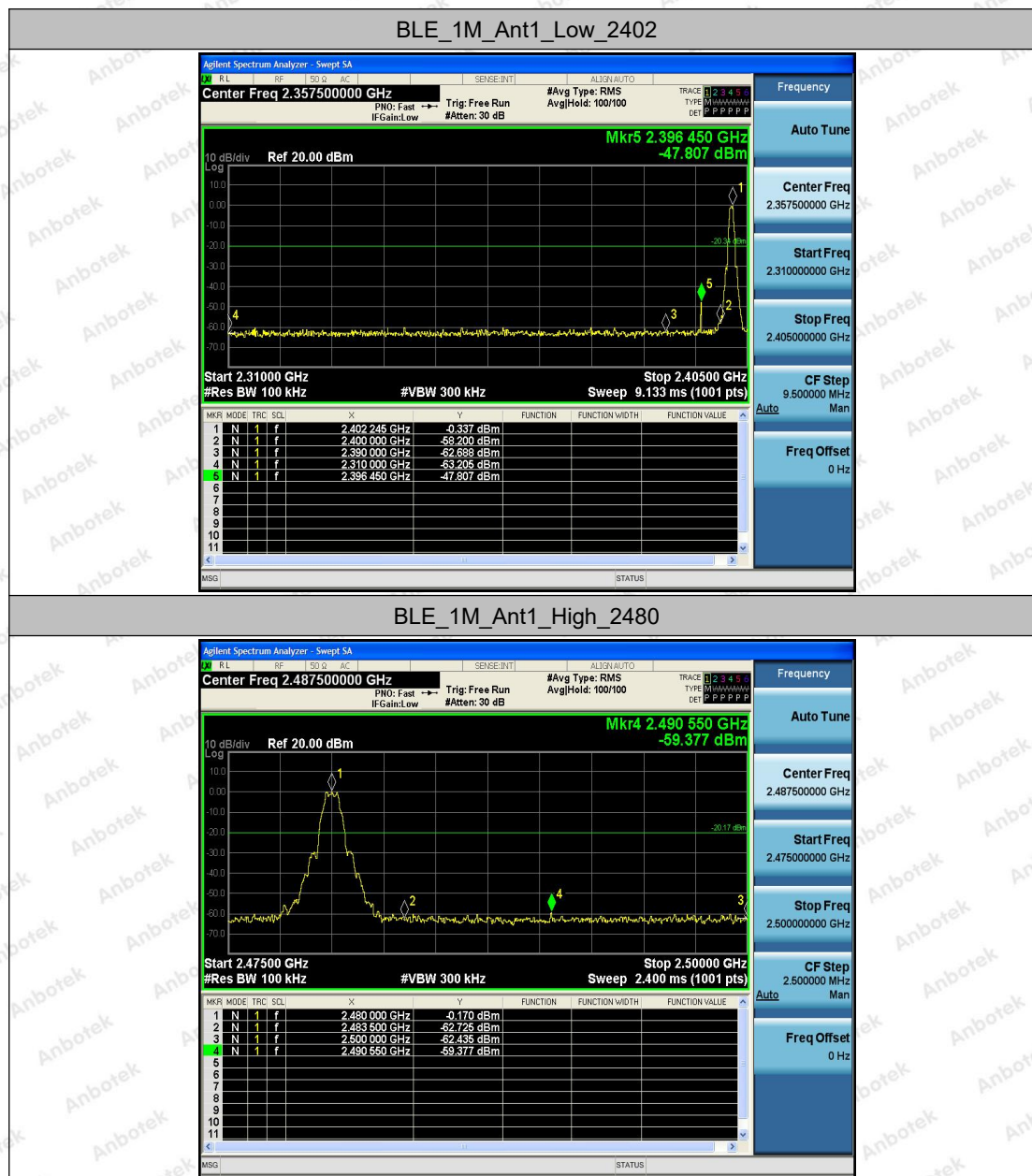
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.34	-47.81	≤-20.34	PASS
		High	2480	-0.17	-59.38	≤-20.17	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

Test Result

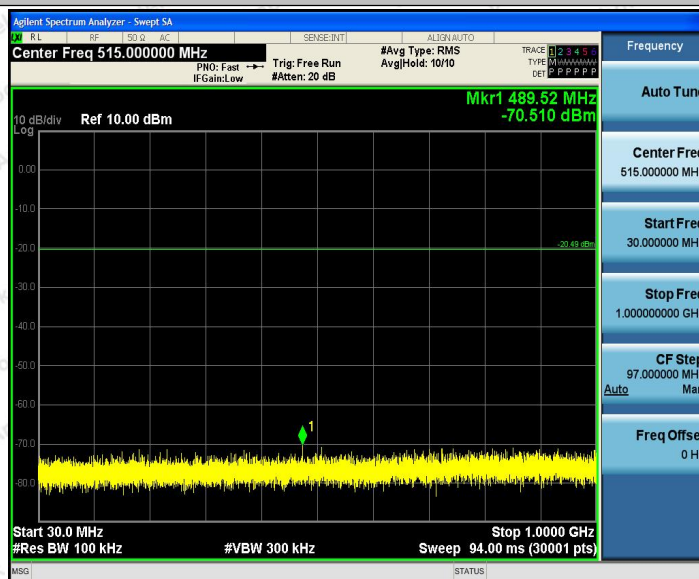
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.49	-0.49	---	PASS
			30~1000	-0.49	-70.51	≤ -20.49	PASS
			1000~26500	-0.49	-54.49	≤ -20.49	PASS
		2440	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-70.31	≤ -20.52	PASS
			1000~26500	-0.52	-55.1	≤ -20.52	PASS
		2480	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-70.57	≤ -20.36	PASS
			1000~26500	-0.36	-55.13	≤ -20.36	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



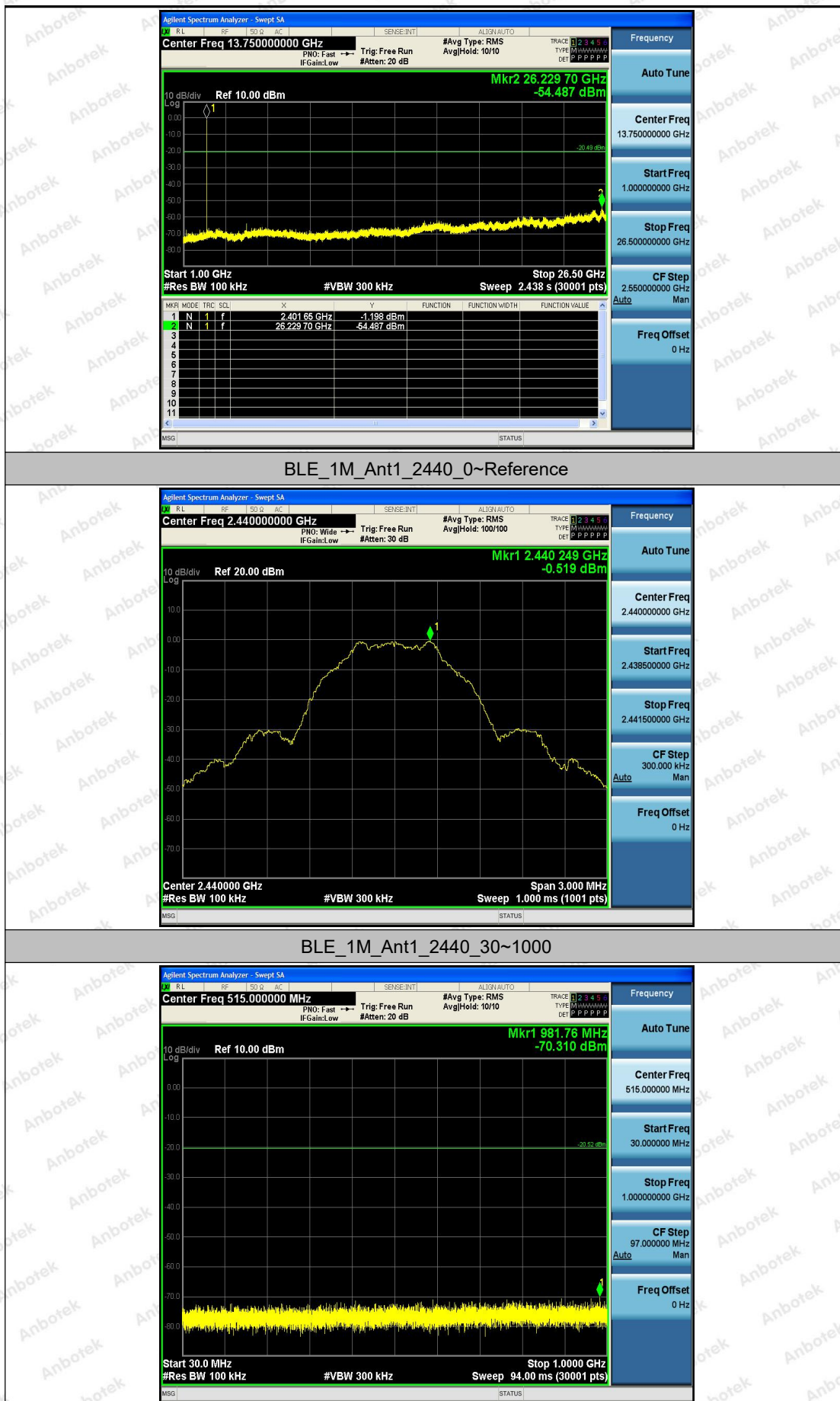
BLE_1M_Ant1_2402_1000~26500

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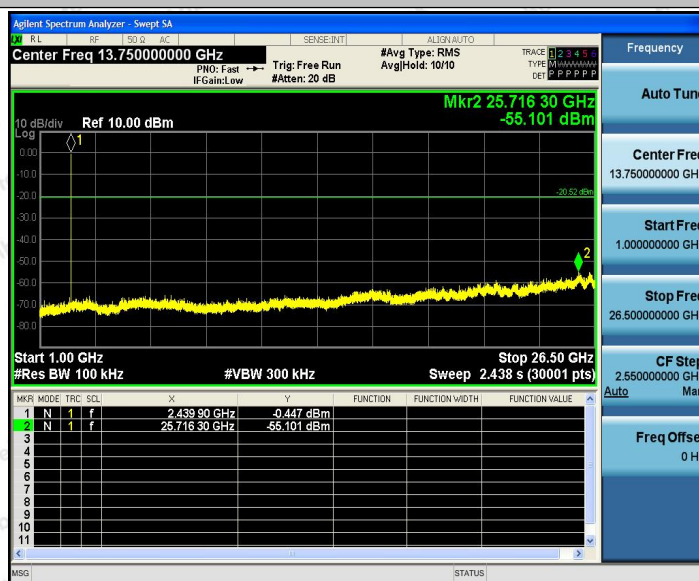
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BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



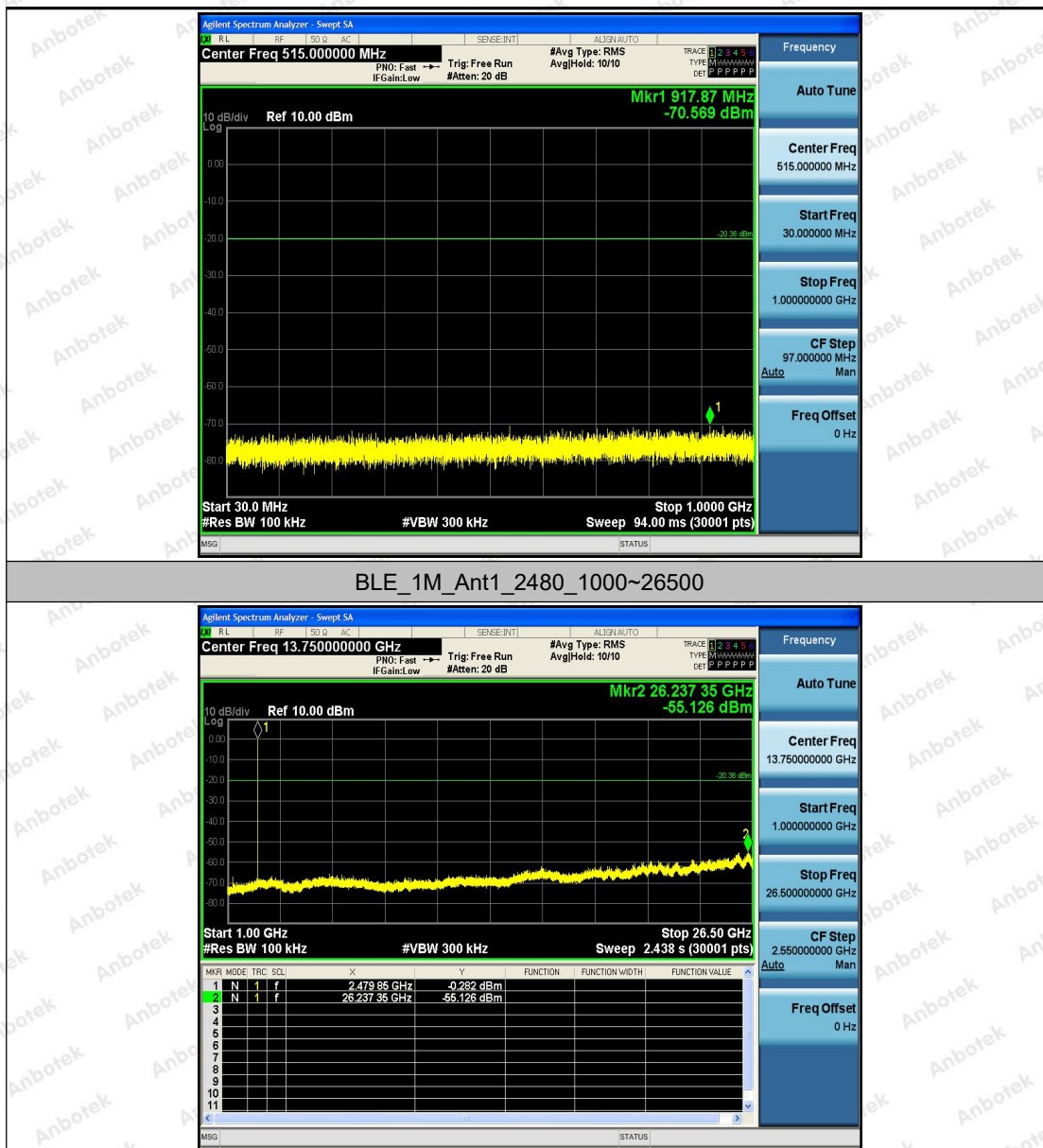
BLE_1M_Ant1_2480_30~1000

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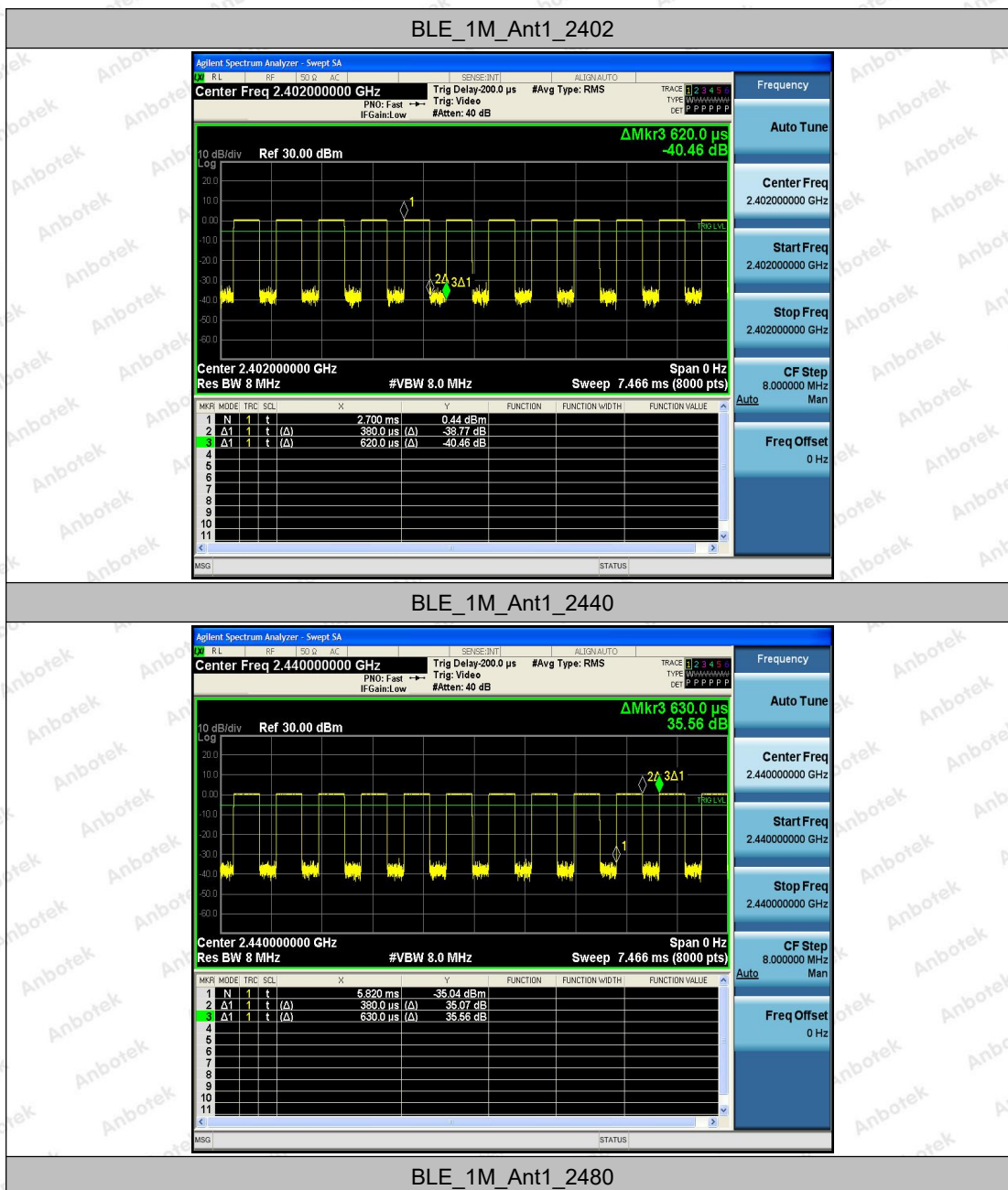
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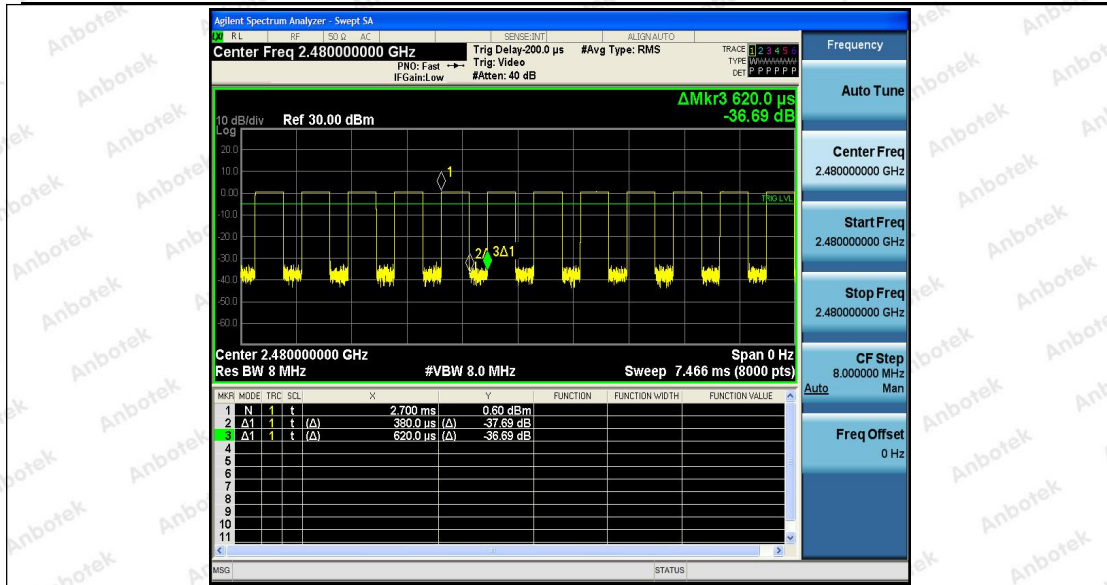
Appendix G: Duty Cycle

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	0.63	0.6032	60.32	2.20	---	PASS
		2480	0.38	0.62	0.6129	61.29	2.13	---	PASS

Test Graphs





----End---

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