

Appendix Test Data

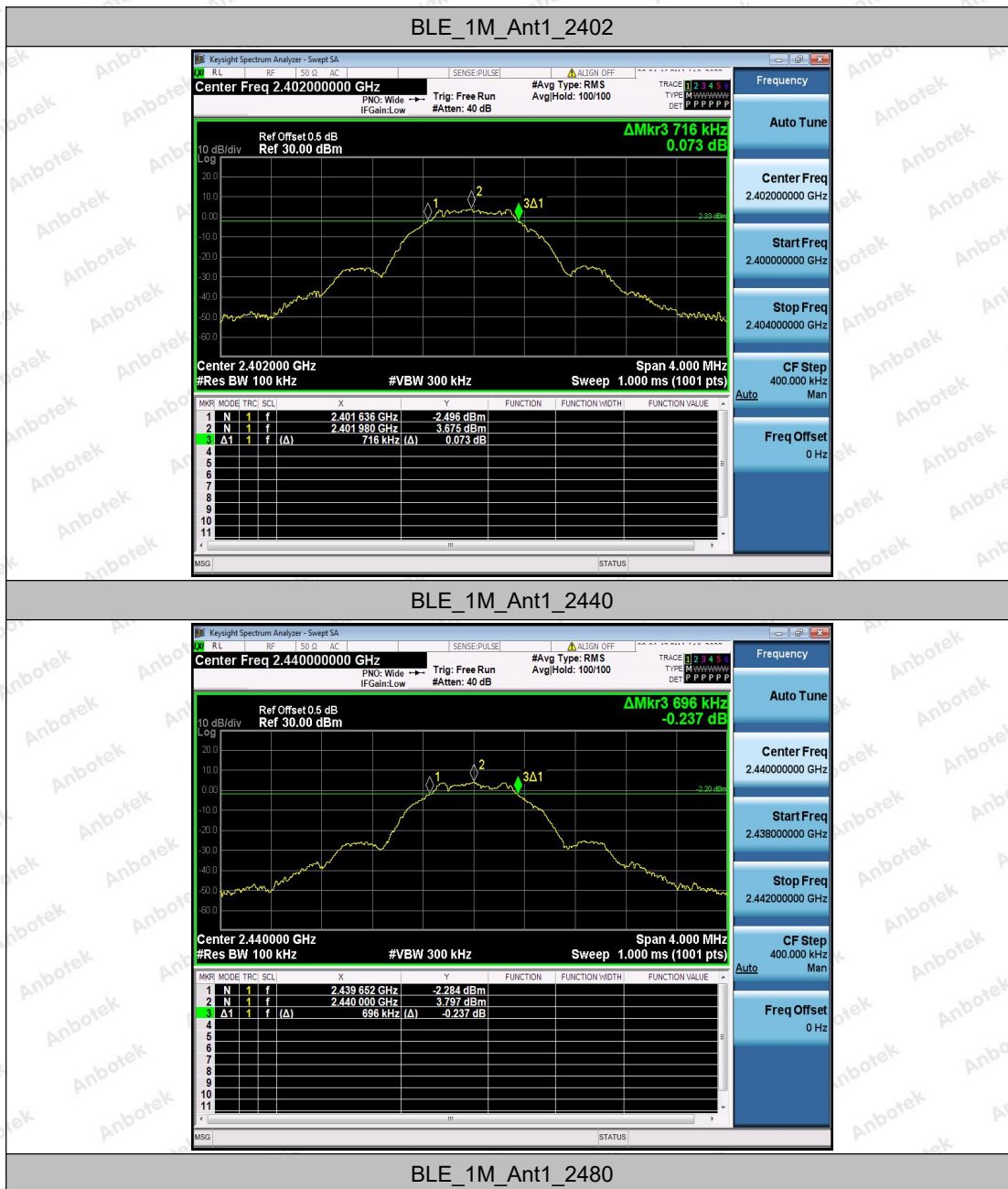
Report No.:	18220WC20143801	Test Sample No.:	1-2-2
Start Test Date:	2022.7.8	Finish Test Date:	2022.7.20
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	56.5 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.716	2401.636	2402.352	≥0.5	PASS
		2440	0.696	2439.652	2440.348	≥0.5	PASS
		2480	0.676	2479.664	2480.340	≥0.5	PASS

Test Graphs



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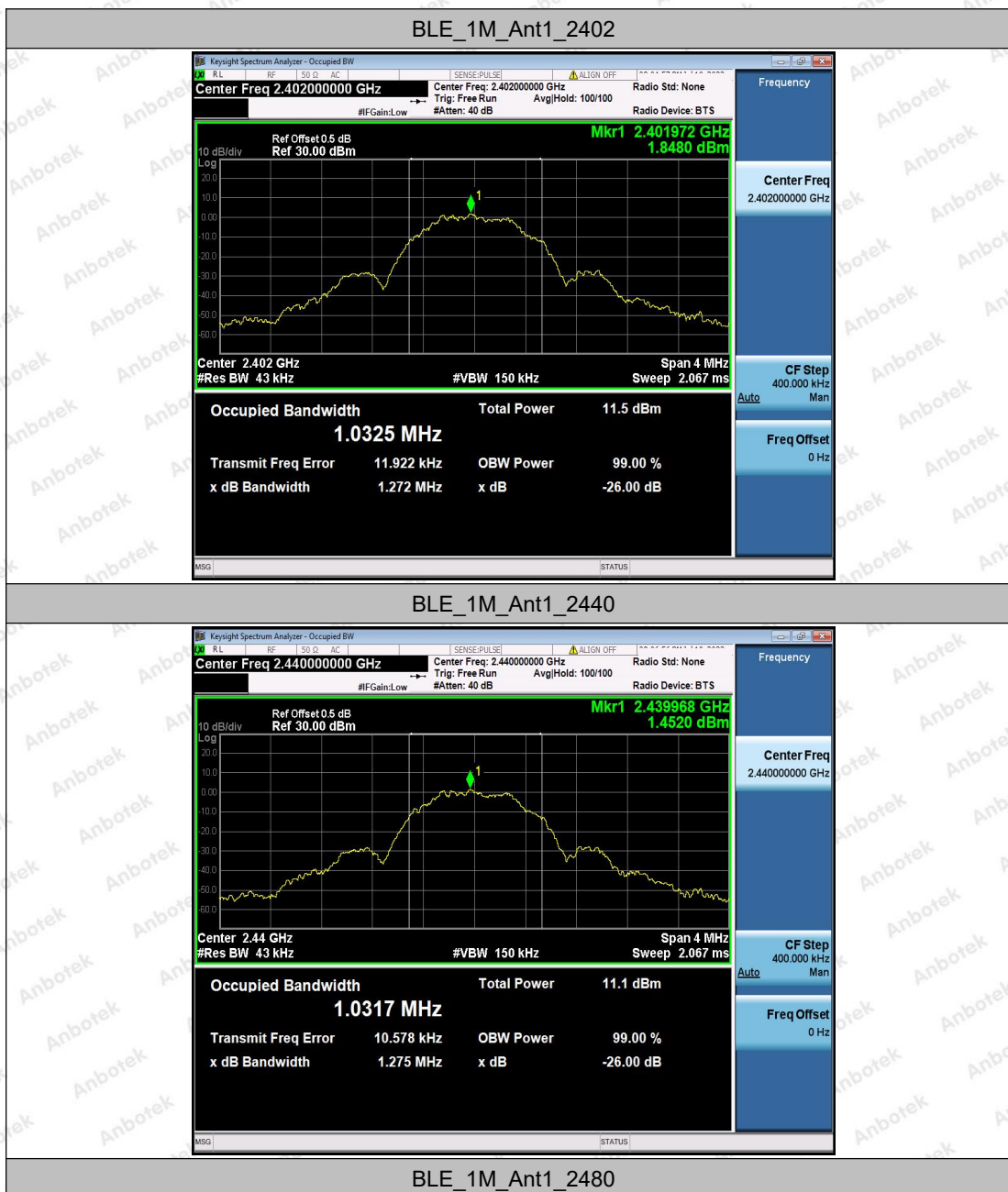
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0325	2401.496	2402.528	---	PASS
		2440	1.0317	2439.495	2440.526	---	PASS
		2480	1.0280	2479.496	2480.524	---	PASS

Test Graphs



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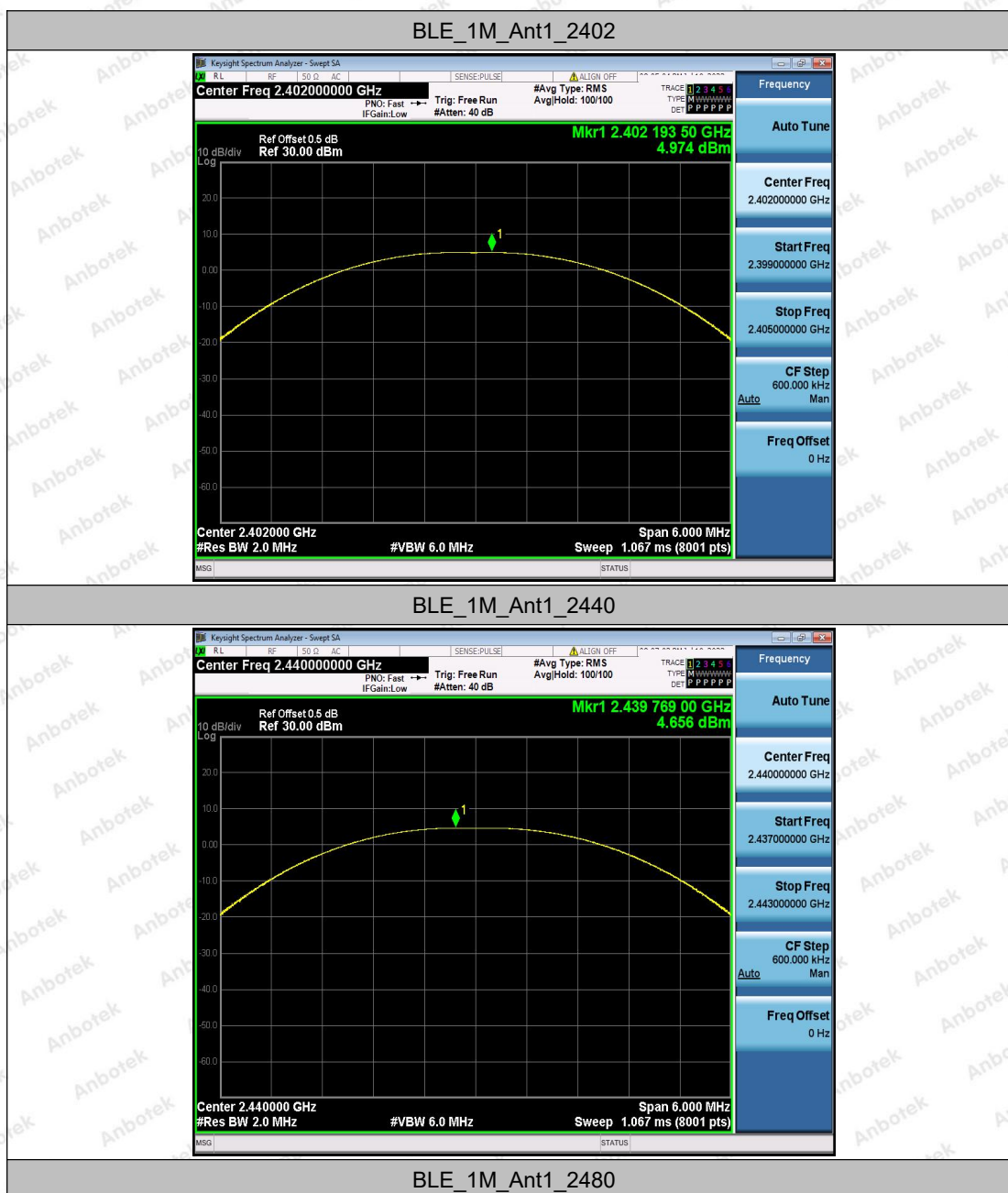
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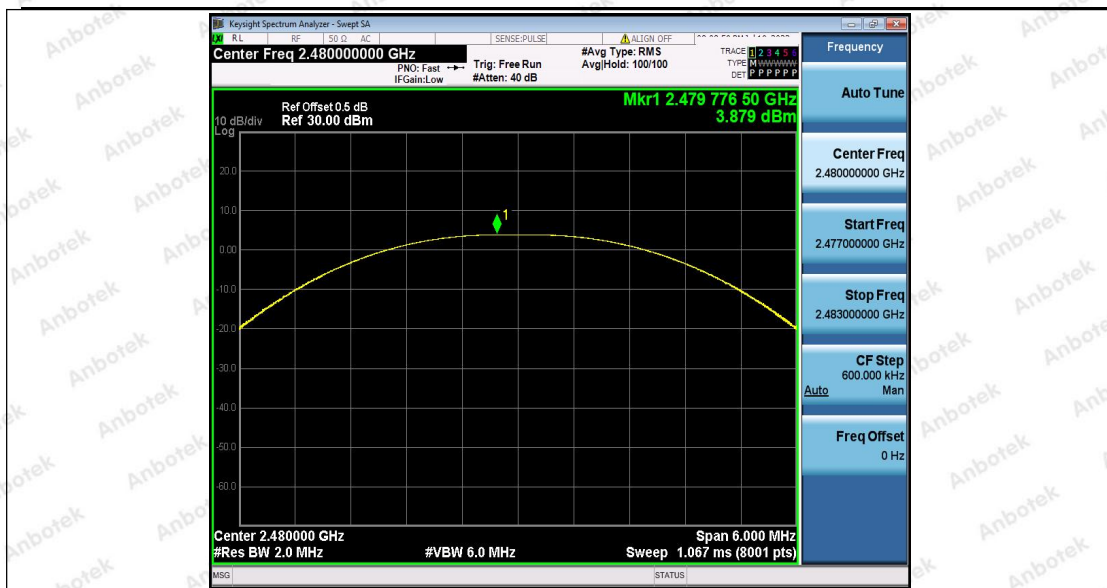
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.97	≤30	PASS
		2440	4.66	≤30	PASS
		2480	3.88	≤30	PASS

Test Graphs





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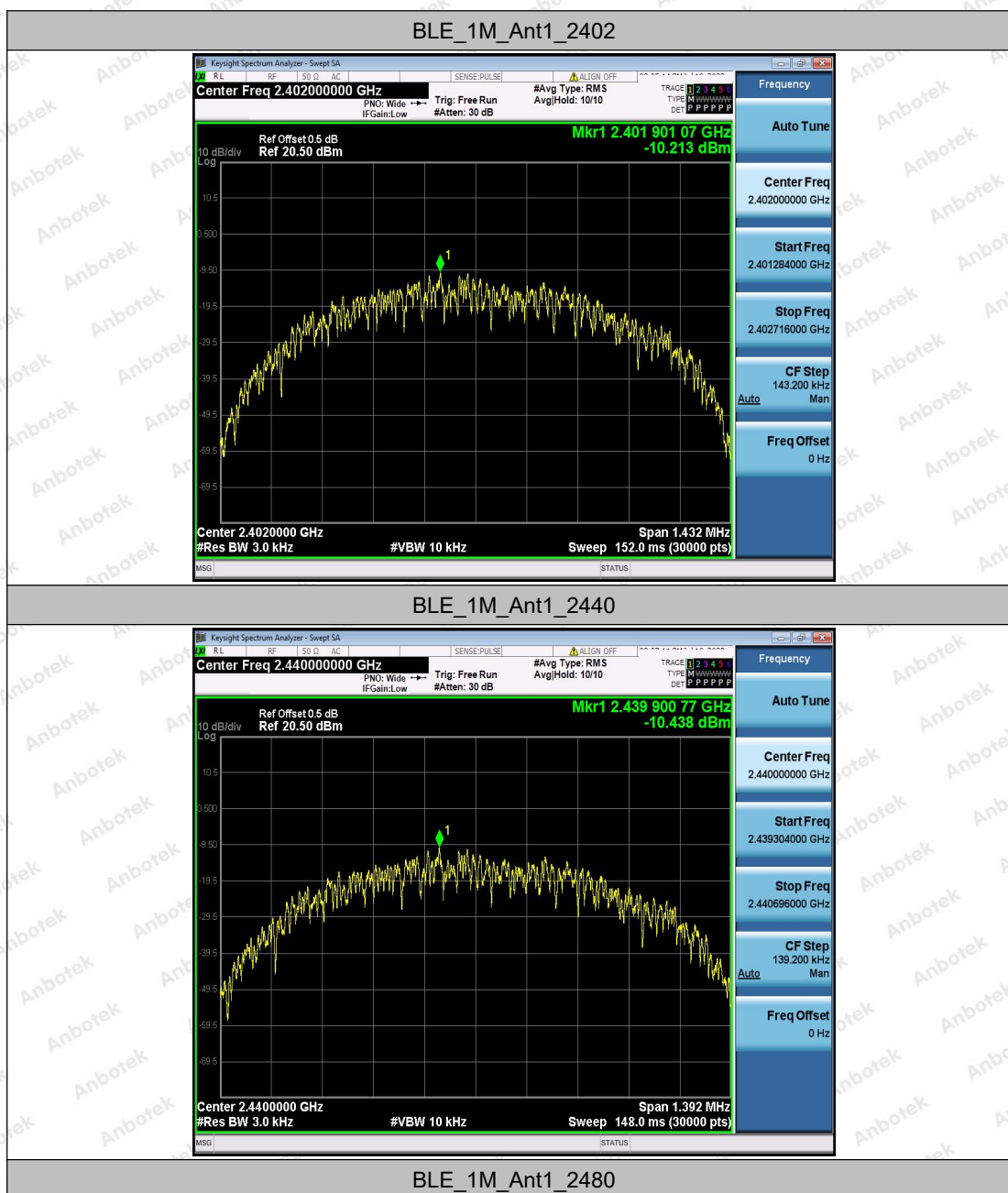
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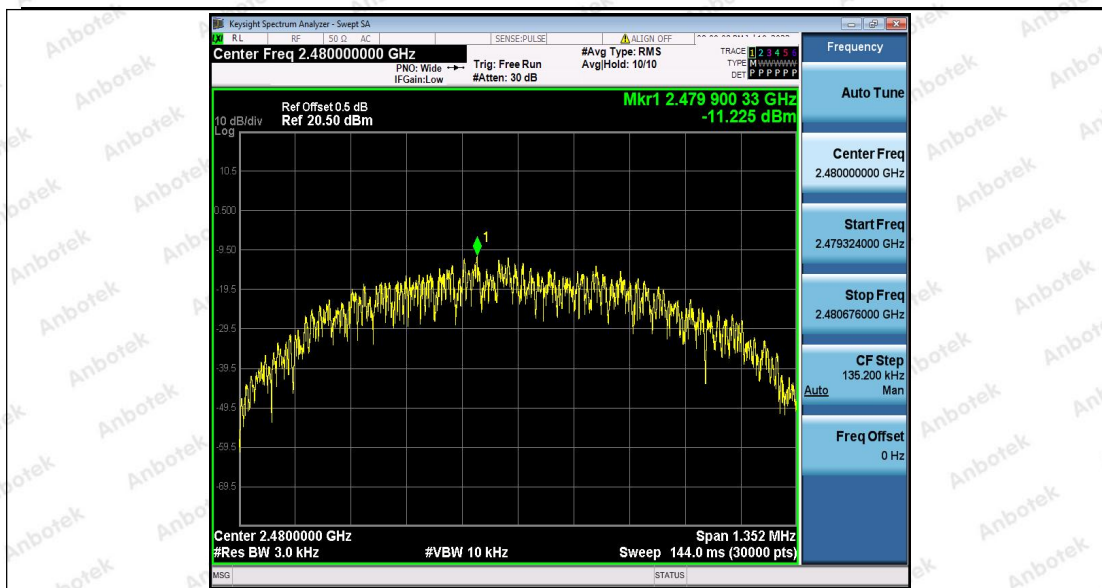
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.21	≤8	PASS
		2440	-10.44	≤8	PASS
		2480	-11.23	≤8	PASS

Test Graphs





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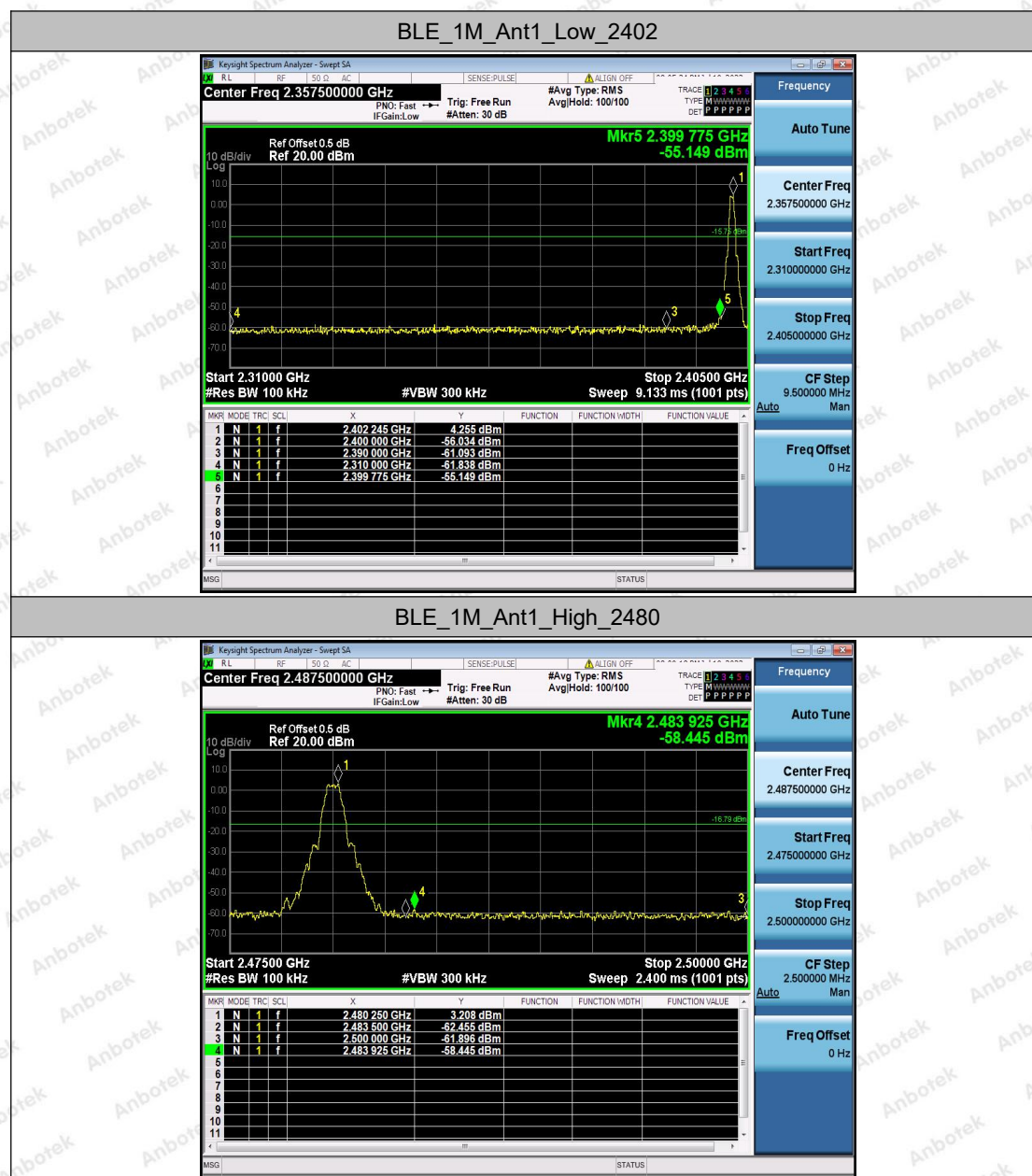
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.26	-55.15	≤-15.75	PASS
		High	2480	3.21	-58.45	≤-16.79	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

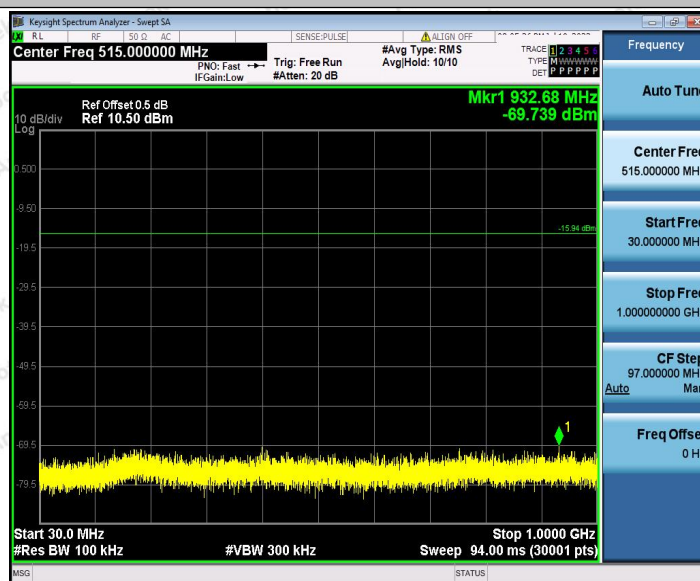
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	4.06	4.06	---	PASS
			30~1000	4.06	-69.74	≤-15.94	PASS
			1000~26500	4.06	-53.38	≤-15.94	PASS
		2440	Reference	3.81	3.81	---	PASS
			30~1000	3.81	-69.81	≤-16.19	PASS
			1000~26500	3.81	-54.03	≤-16.19	PASS
		2480	Reference	2.98	2.98	---	PASS
			30~1000	2.98	-69.37	≤-17.02	PASS
			1000~26500	2.98	-53.47	≤-17.02	PASS

Test Graphs

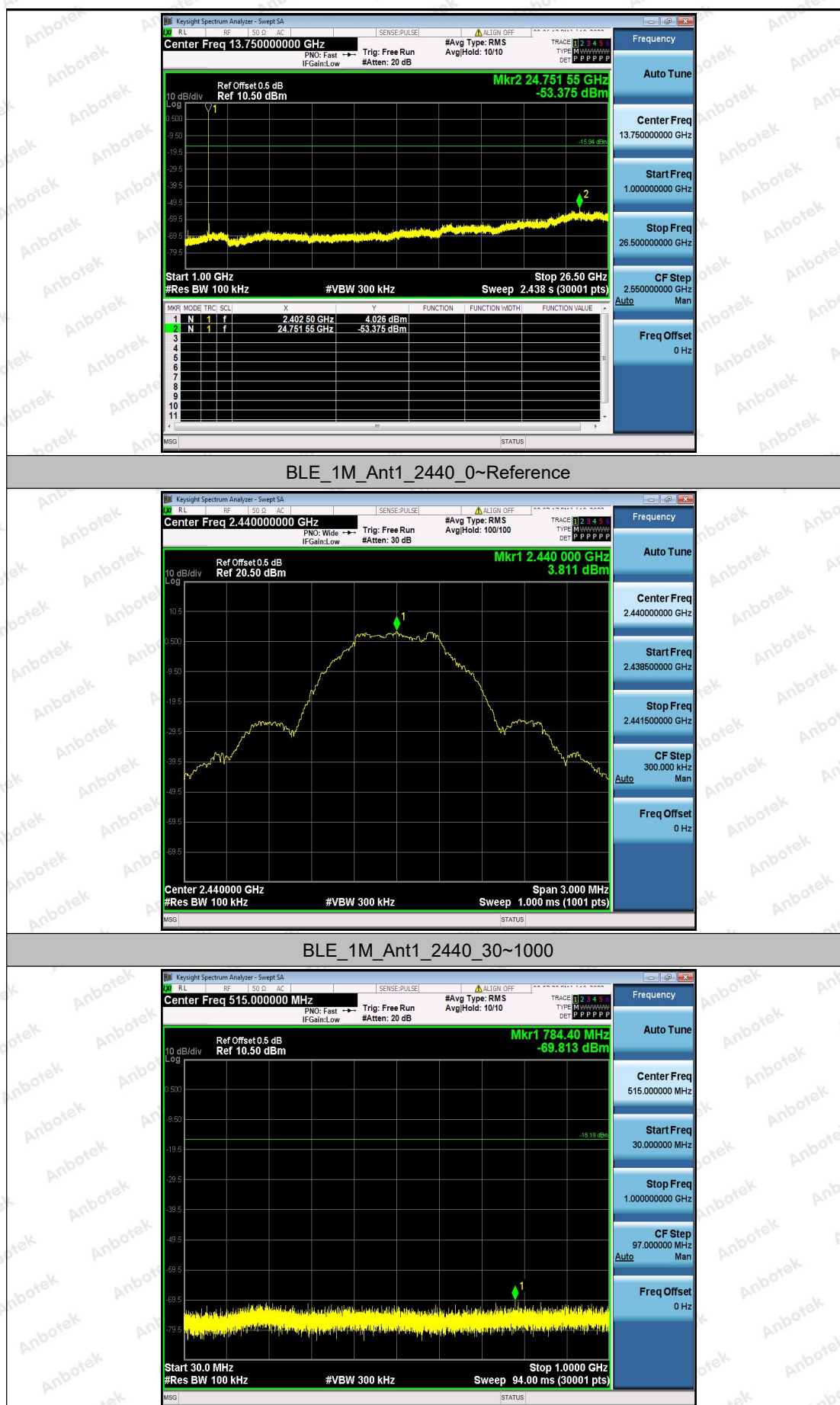
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



BLE_1M_Ant1_2402_1000~26500



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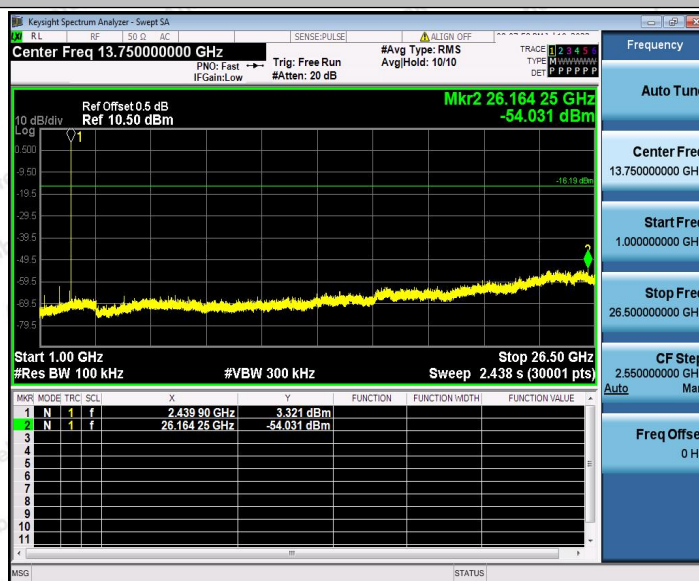


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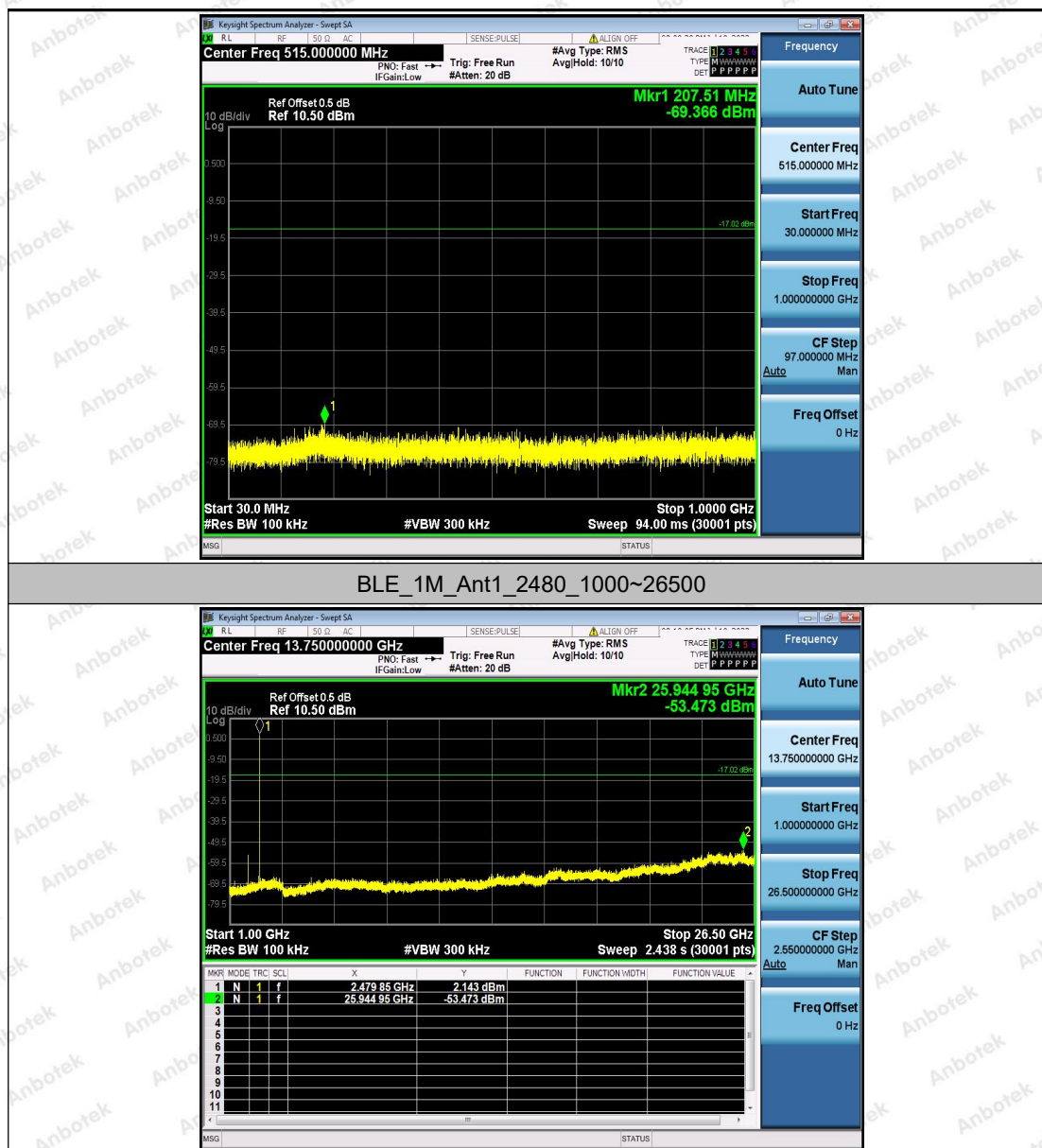
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000

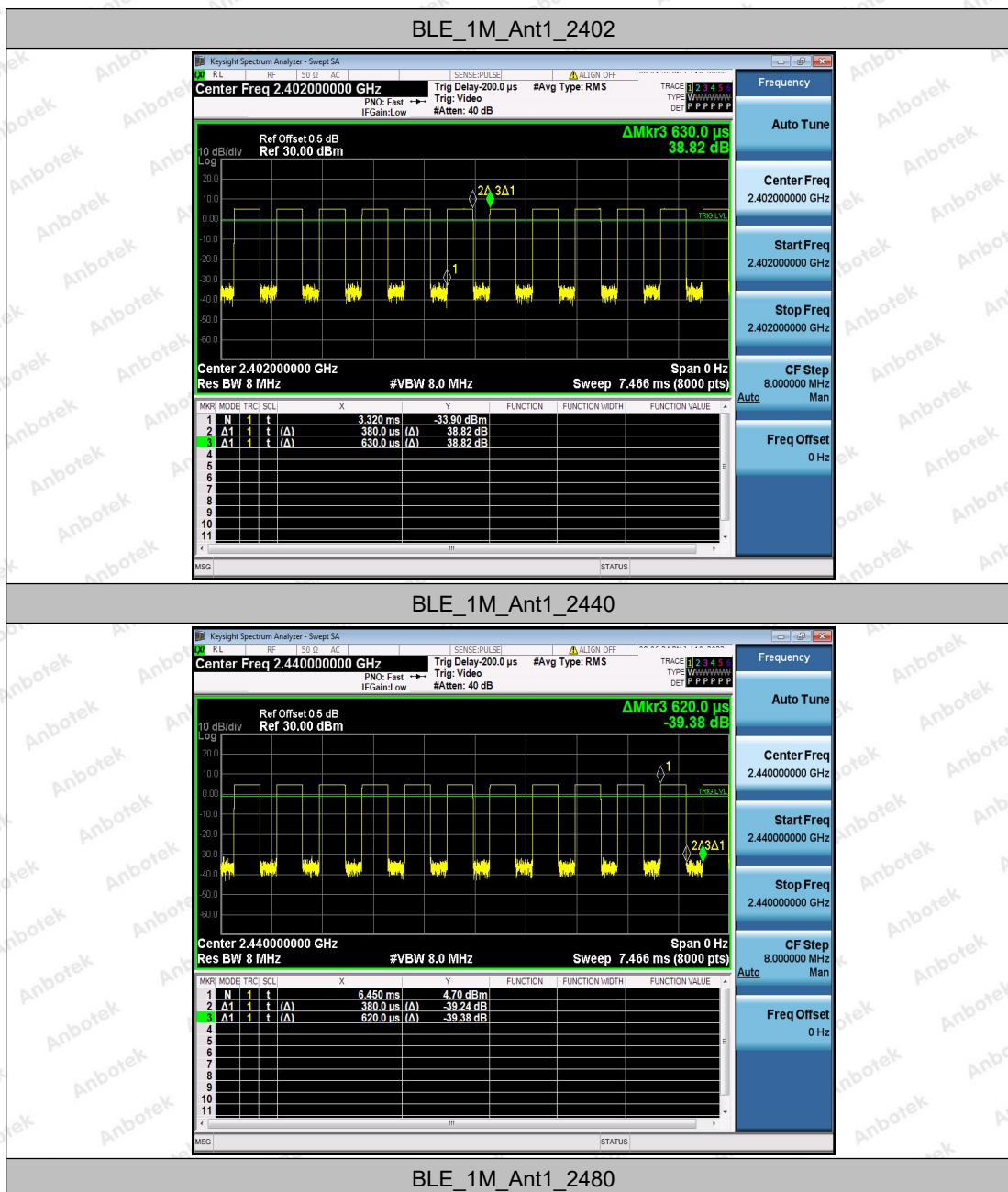


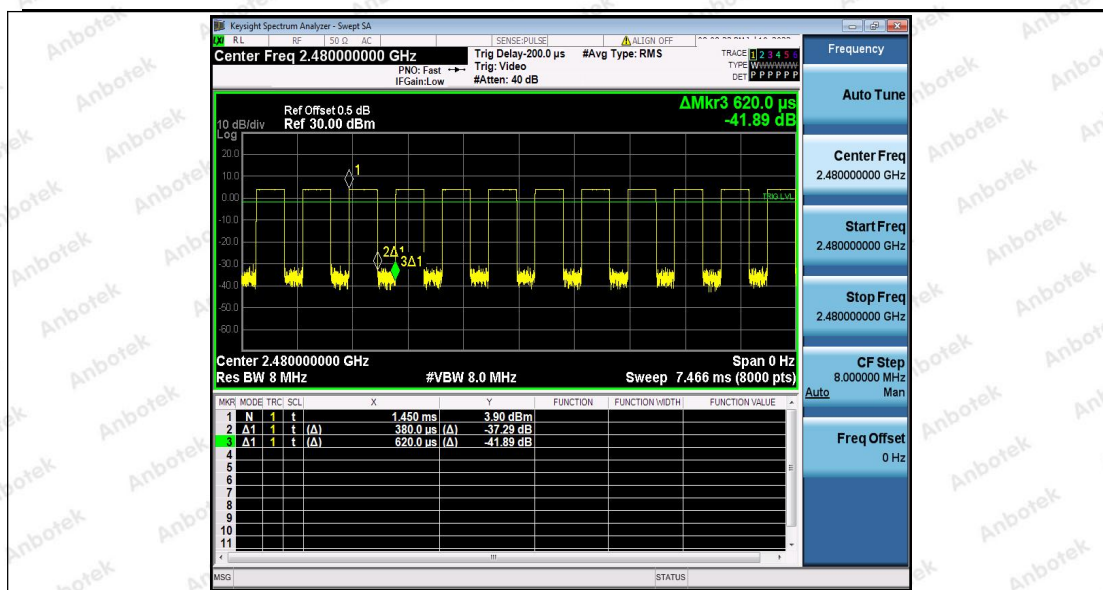
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	X Factor	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	0.6032	60.32	2.20	---	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---