

Appendix Test Data

Report No.:	18220WC20170501	Test Sample No.:	1-2-2
Start Test Date:	2022.8.1	Finish Test Date:	2022.8.9
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	26.3°C	Relative Humidity:	46 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.684	2401.656	2402.340	0.5	PASS
		2440	0.672	2439.664	2440.336	0.5	PASS
		2480	0.676	2479.644	2480.320	0.5	PASS

Test Graphs





Shenzhen Anbotech Compliance Laboratory Limited

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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

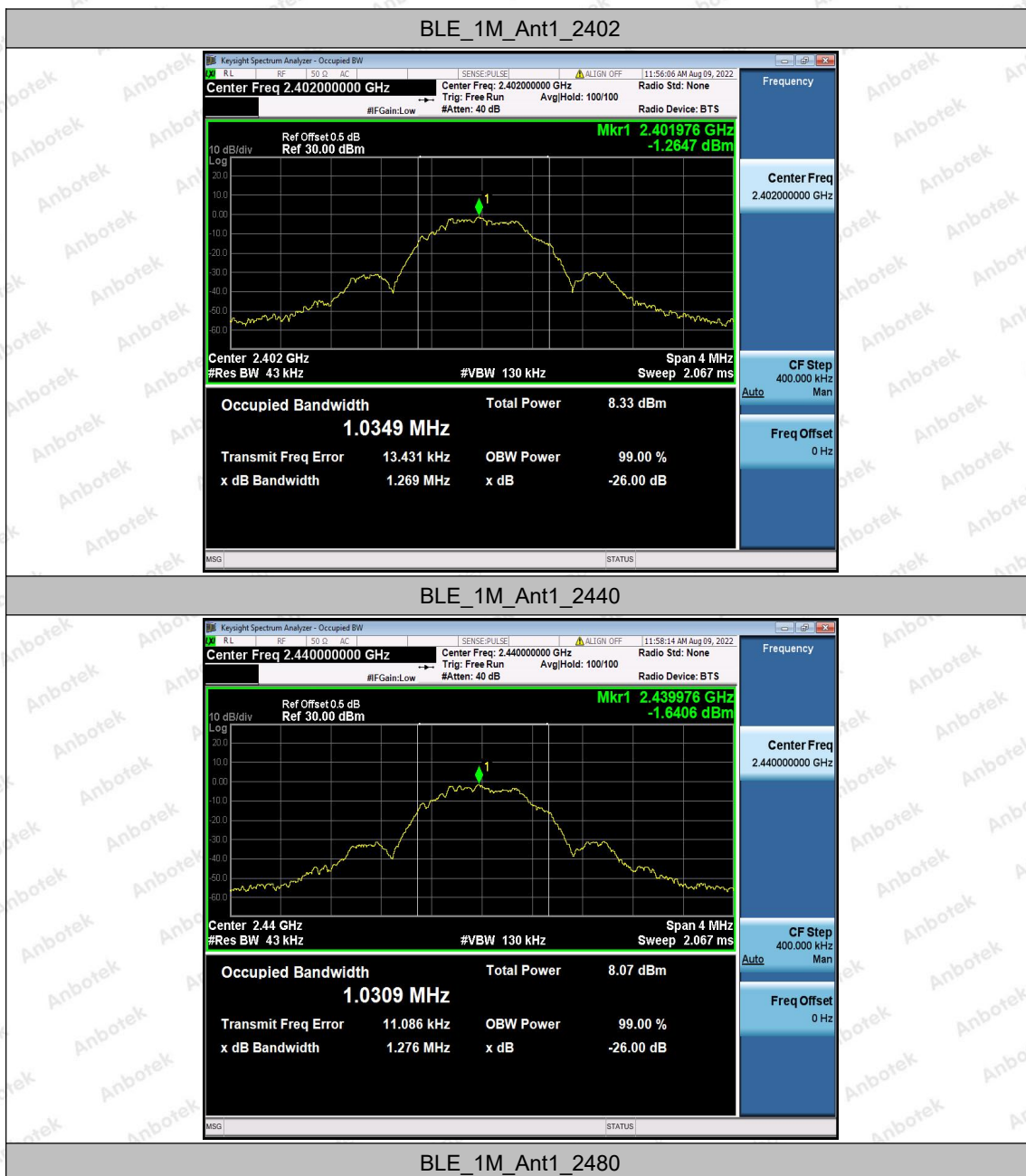
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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0349	2401.4960	2402.5309	---	---
		2440	1.0309	2439.4956	2440.5265	---	---
		2480	1.0310	2479.4975	2480.5285	---	---

Test Graphs





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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.01	≤30	2.01	≤36	PASS
		2440	1.69	≤30	1.69	≤36	PASS
		2480	0.94	≤30	0.94	≤36	PASS

Test Graphs Peak



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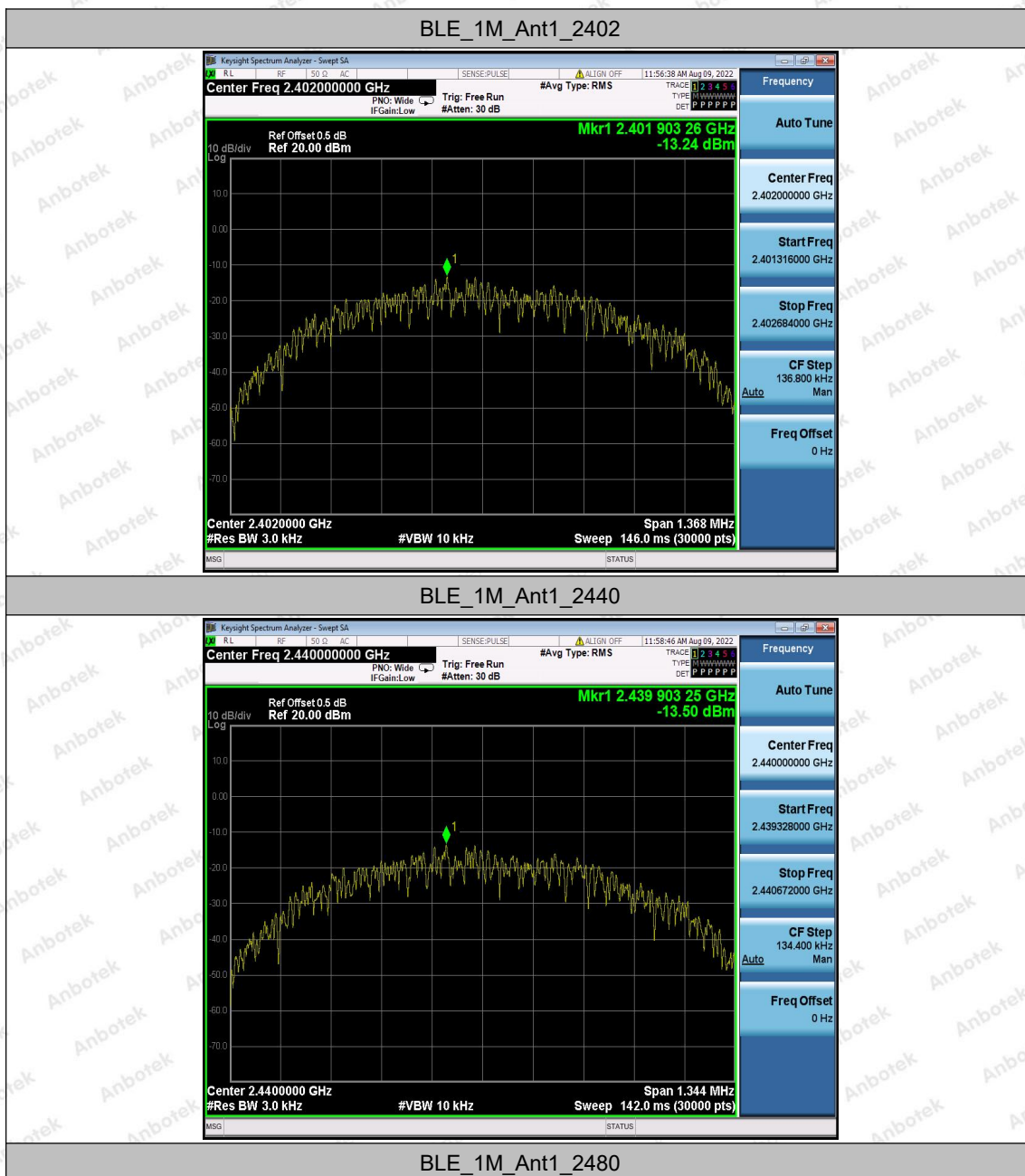
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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.24	≤8.00	PASS
		2440	-13.5	≤8.00	PASS
		2480	-14.22	≤8.00	PASS

Test Graphs

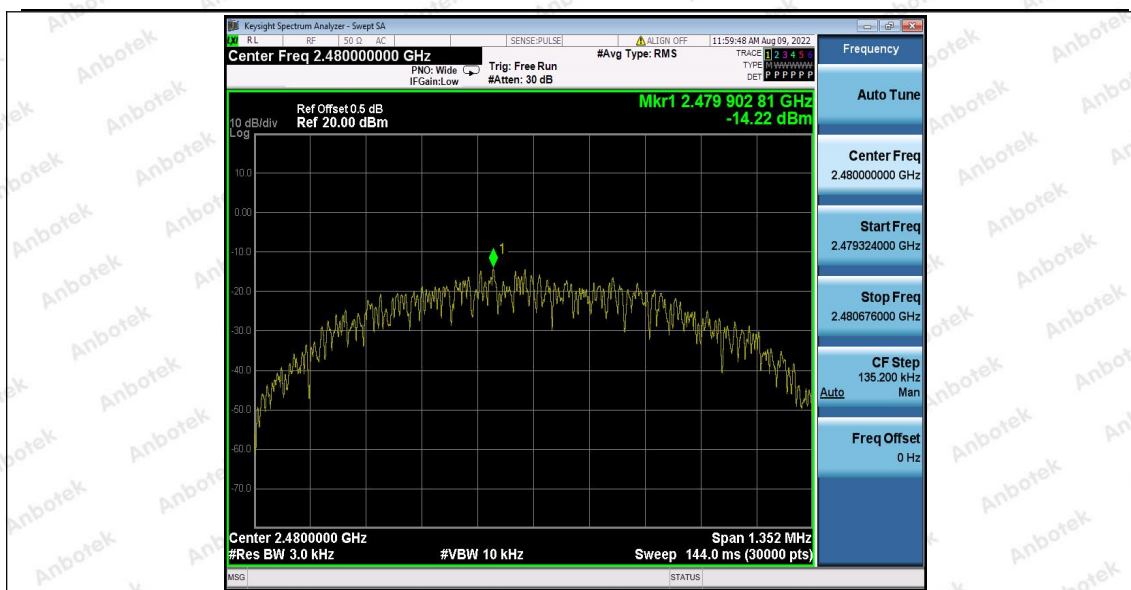


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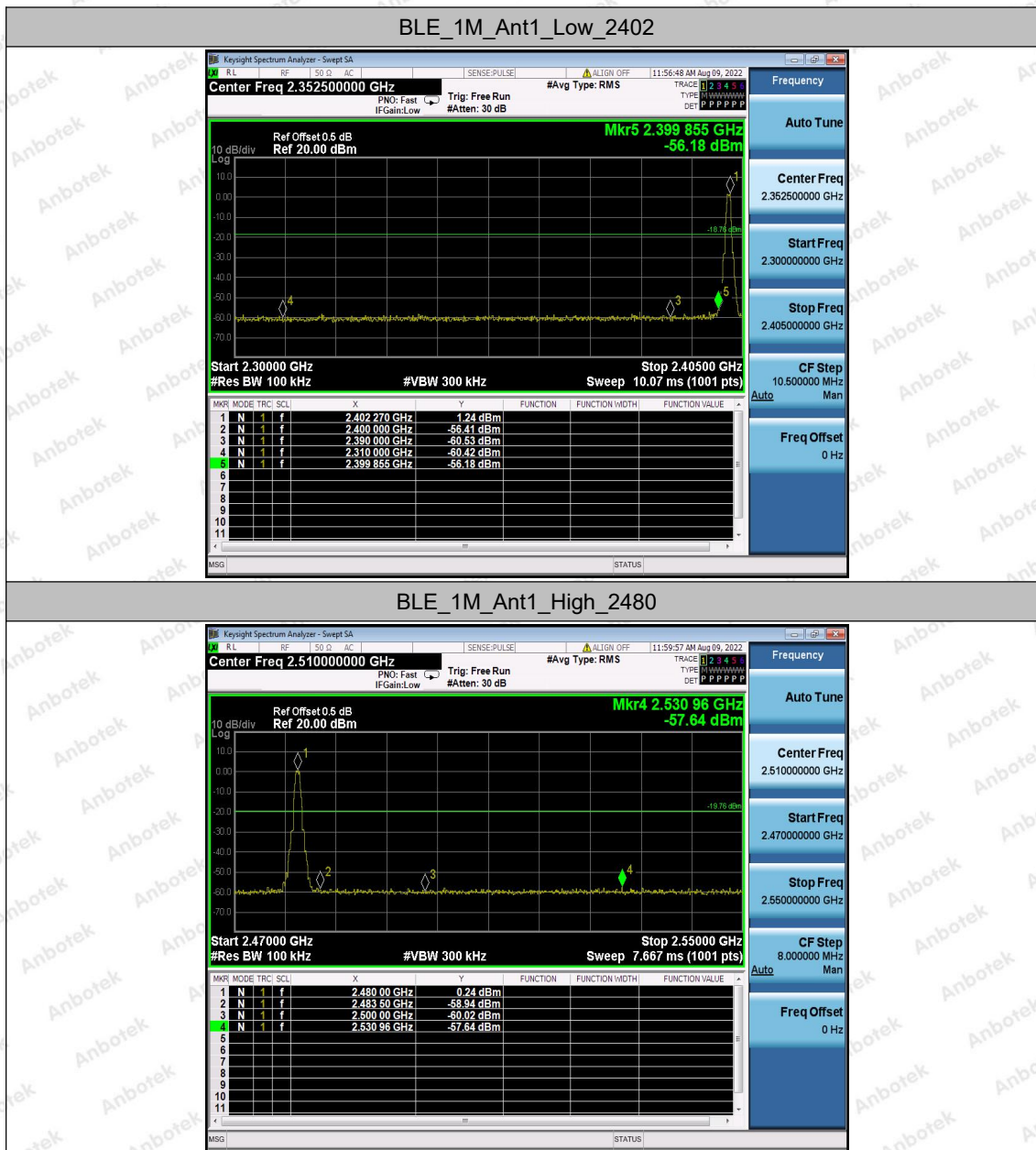
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.24	-56.18	≤-18.76	PASS
		High	2480	0.24	-57.64	≤-19.76	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

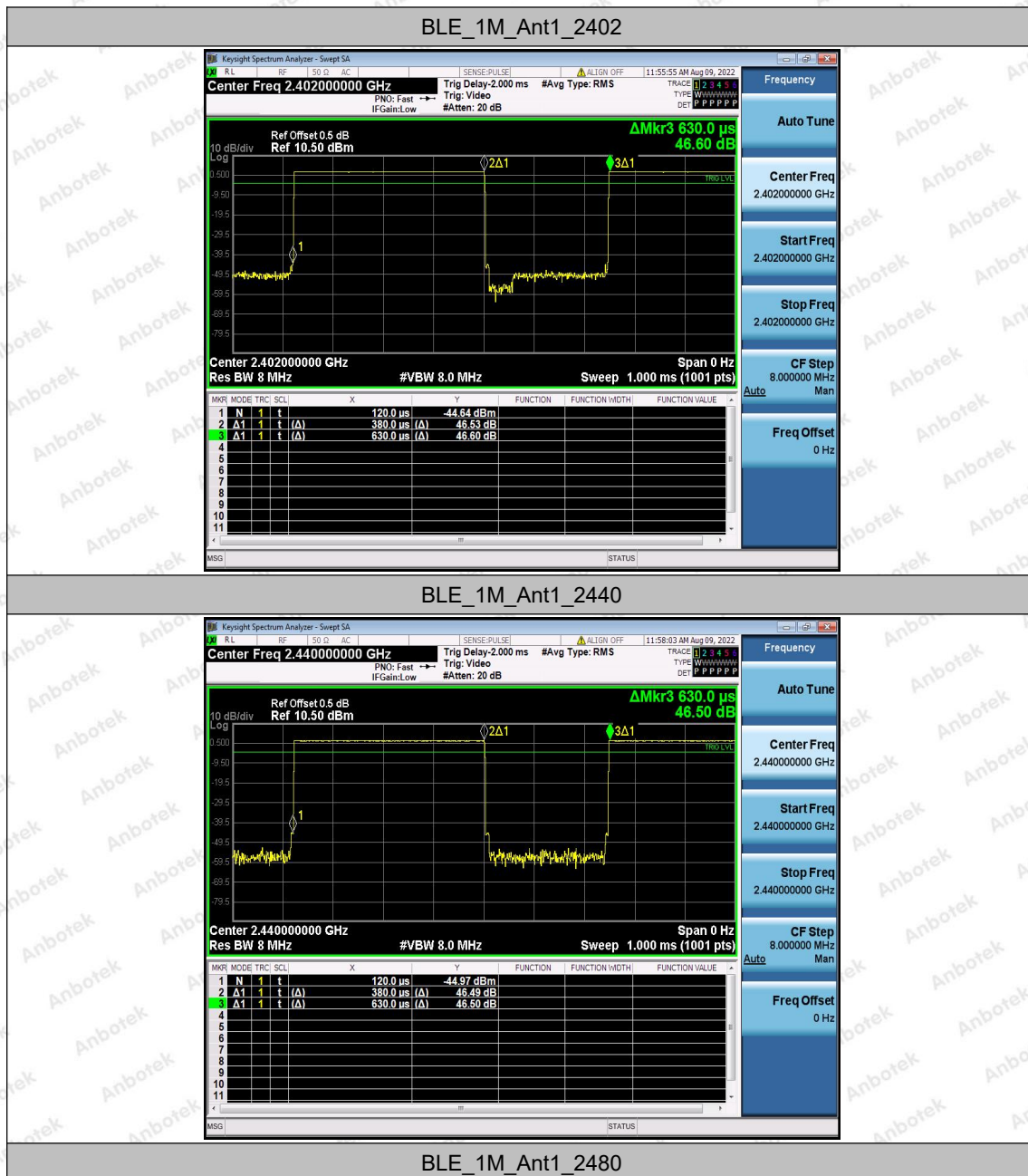
Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
Test Mode	Antenna	Channel	Freq Range	Ref Level	Result	Limit	Verdict

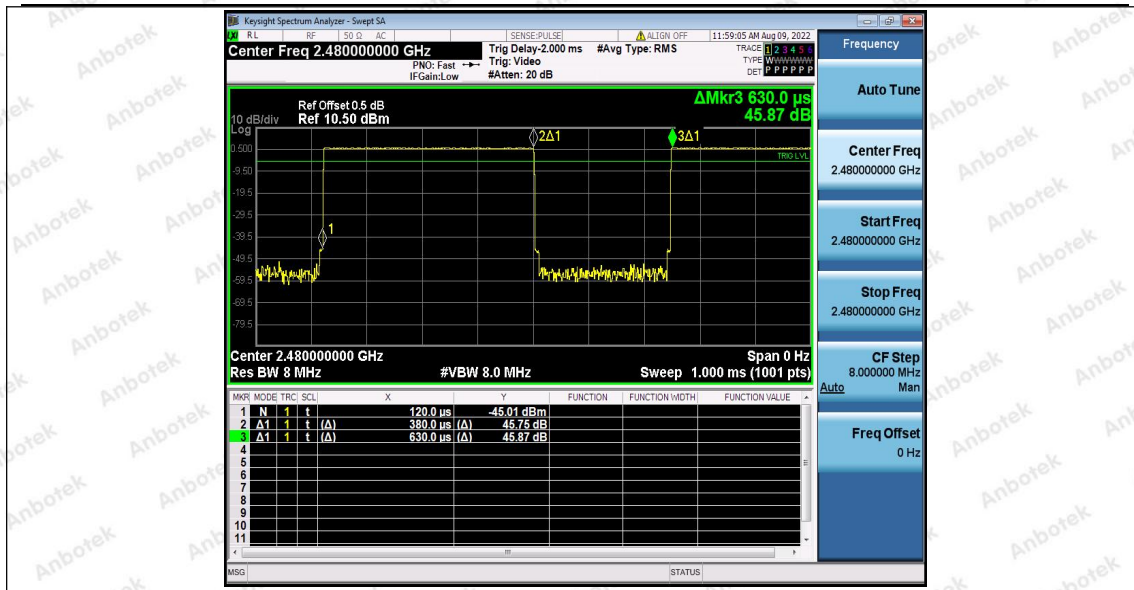
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.38	0.63	60.32	2.20
		2440	0.38	0.63	60.32	2.20
		2480	0.38	0.63	60.32	2.20

Test Graphs





---End---