

Appendix Test Data for BLE (Conducted Measurement)

Product Name: Remote control

Trade Mark: /

Test Model: G01

FCC ID: 2ASXW-G01

Environmental Conditions

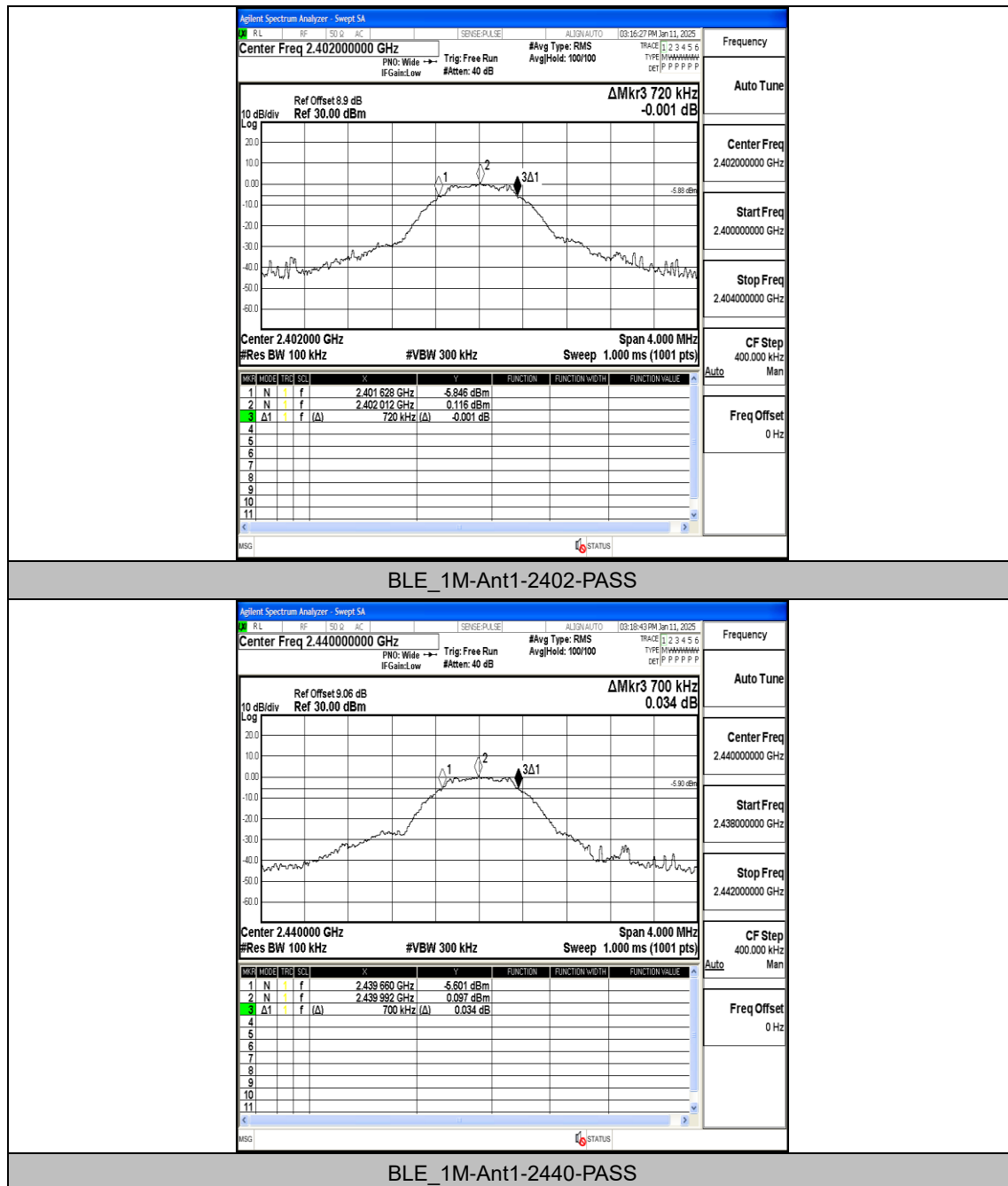
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

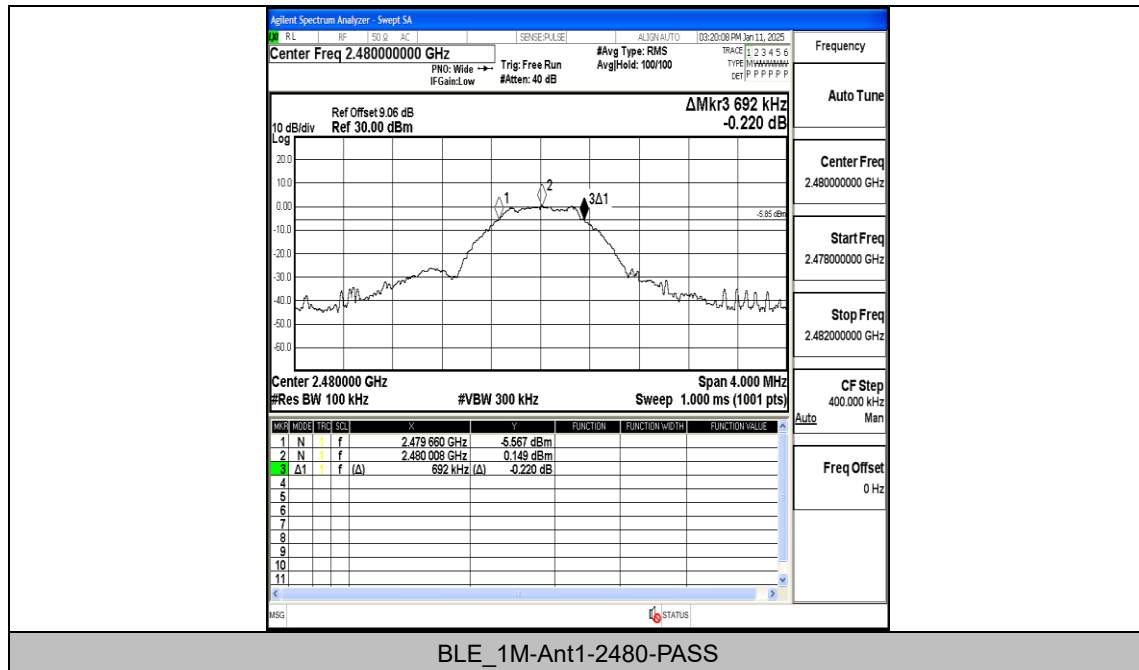
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.628	2402.348	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.660	2440.360	0.5	PASS
BLE_1M	Ant1	2480	0.692	2479.660	2480.352	0.5	PASS

Test Graphs



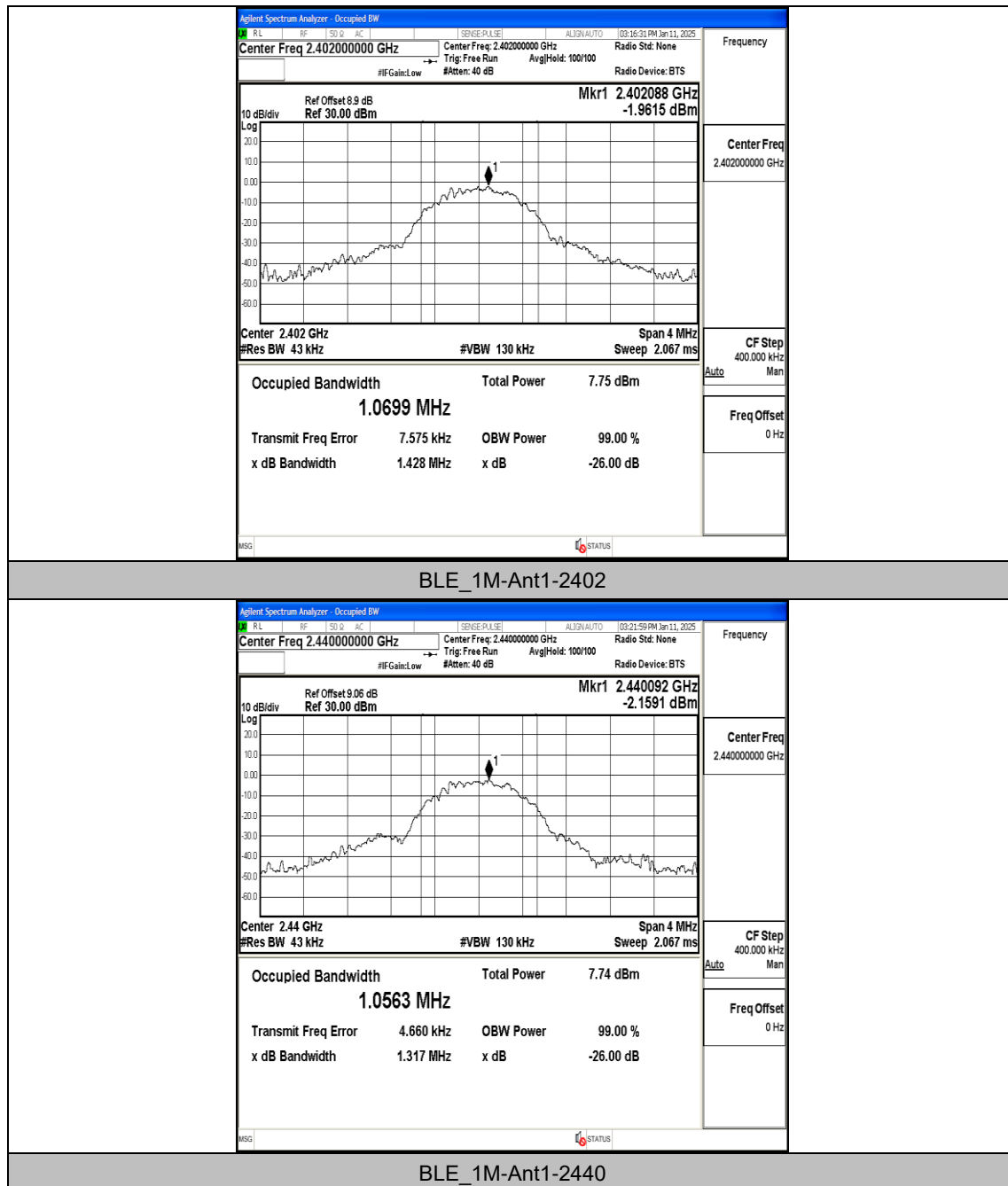


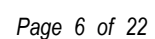
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0699	2401.4726	2402.5425	---	---
BLE_1M	Ant1	2440	1.0563	2439.4765	2440.5328	---	---
BLE_1M	Ant1	2480	1.0307	2479.4907	2480.5214	---	---

Test Graphs



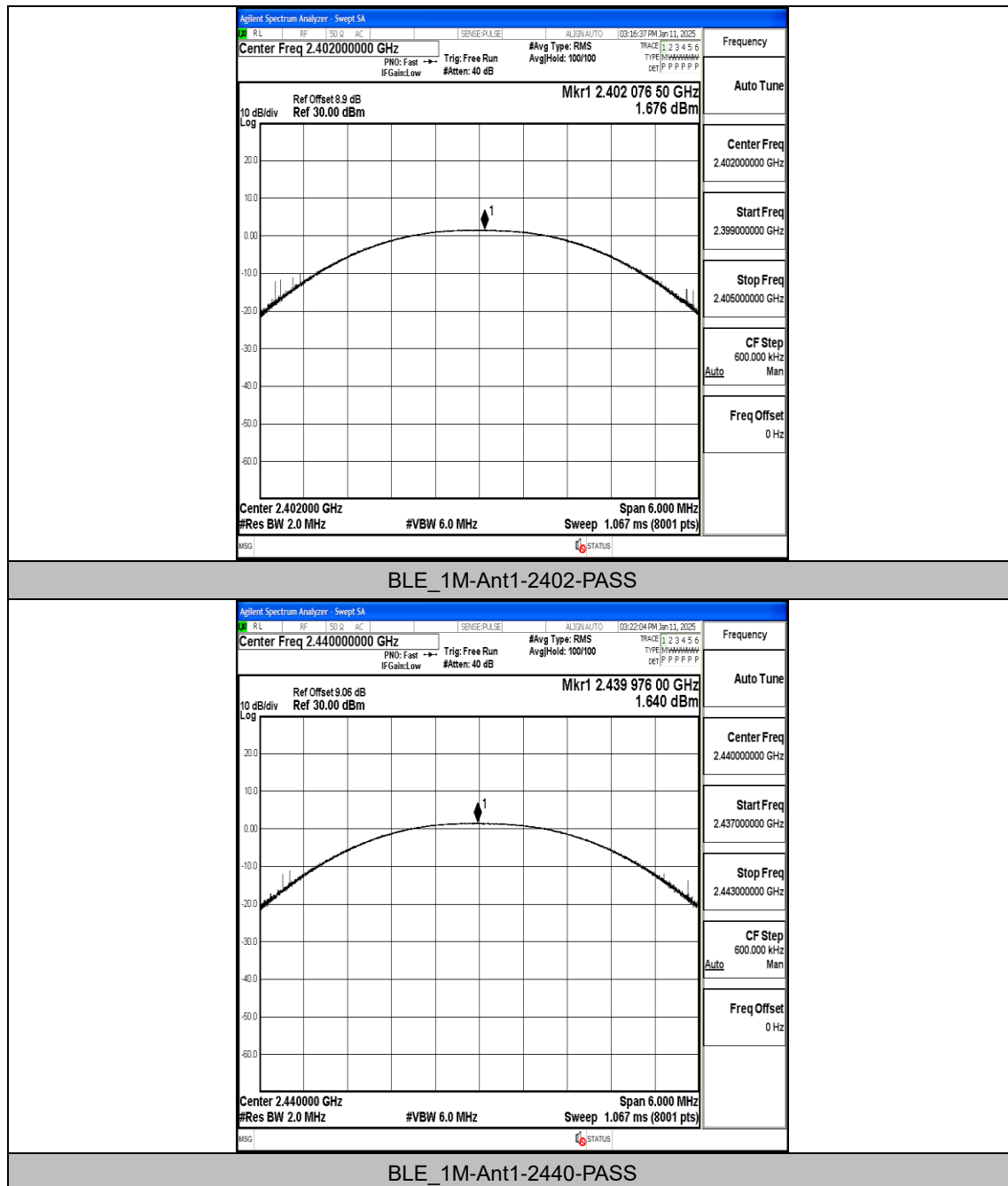


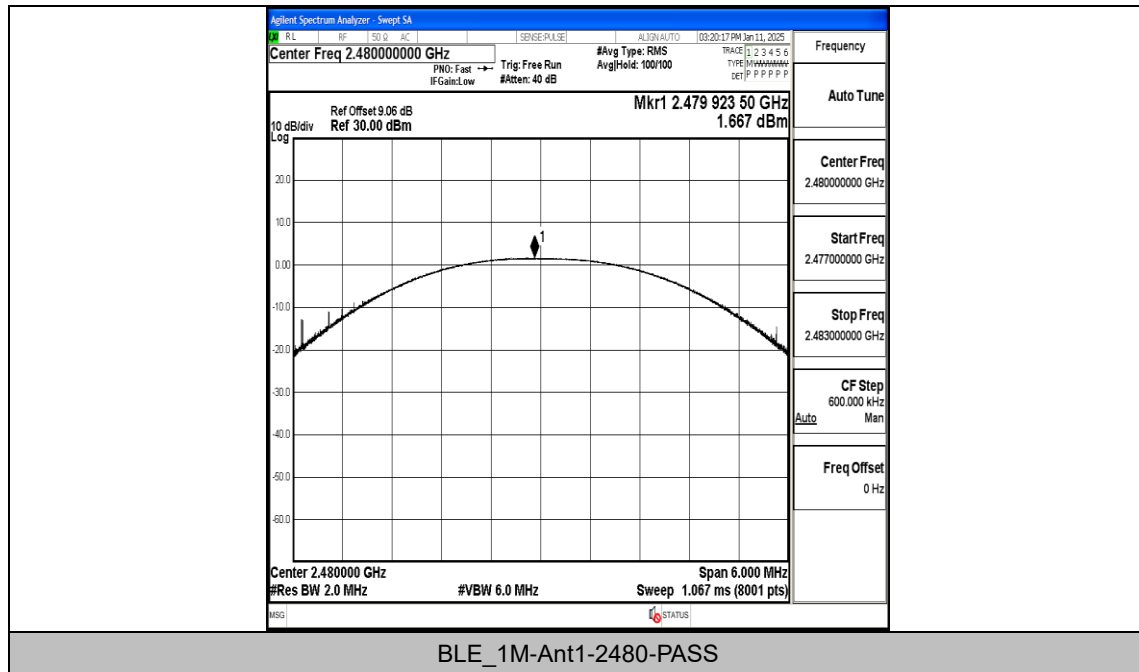
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	1.68	≤30	PASS
BLE_1M	Ant1	2440	1.64	≤30	PASS
BLE_1M	Ant1	2480	1.67	≤30	PASS

Test Graphs Peak



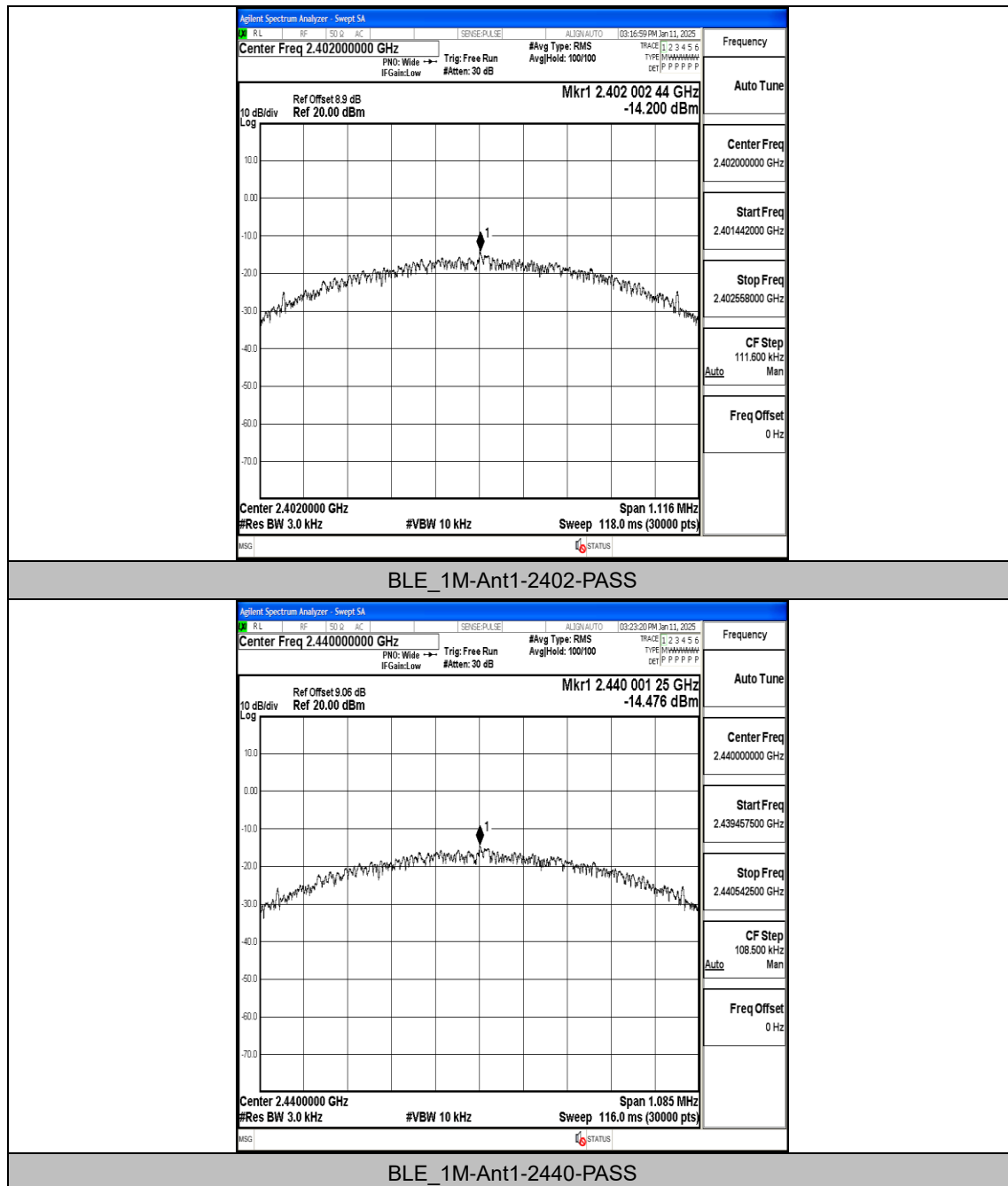


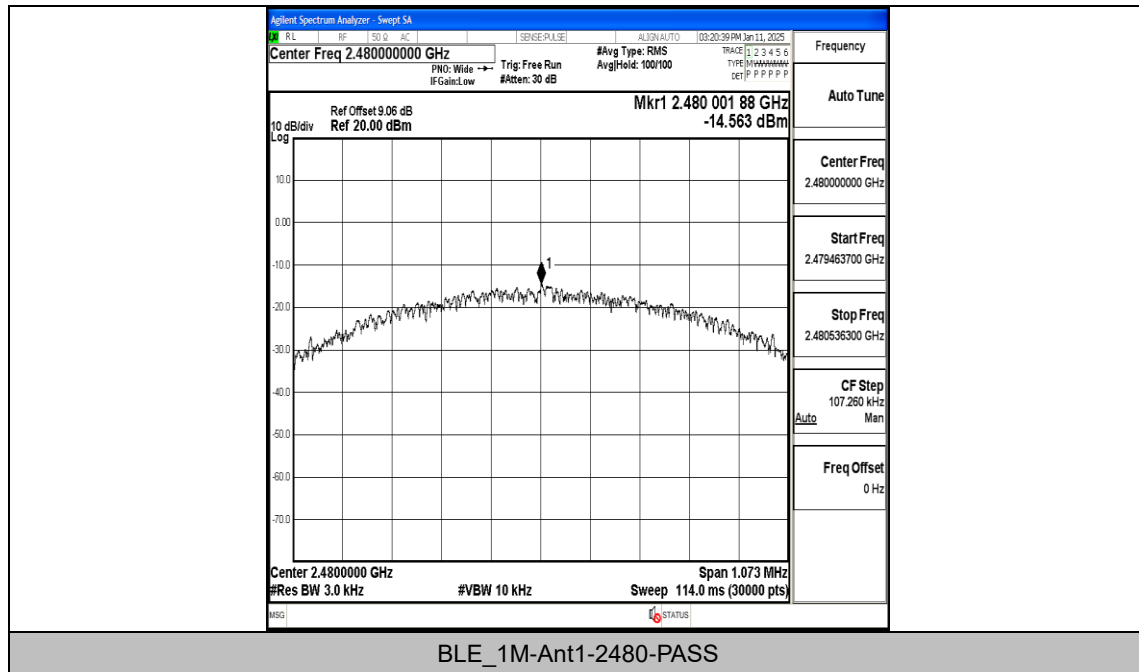
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.20	≤8.00	PASS
BLE_1M	Ant1	2440	-14.48	≤8.00	PASS
BLE_1M	Ant1	2480	-14.56	≤8.00	PASS

Test Graphs



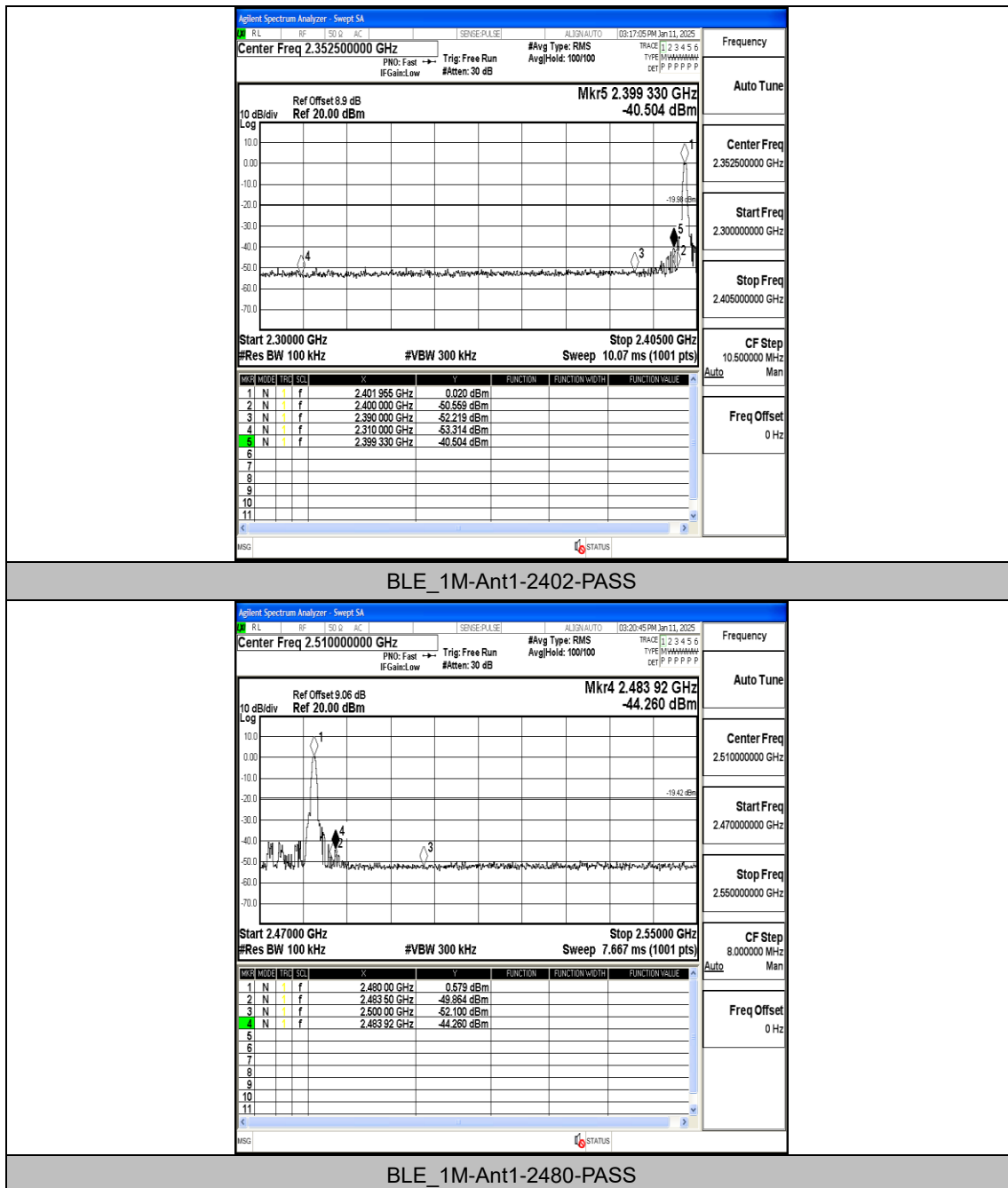


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.02	-40.5	≤ -19.98	PASS
BLE_1M	Ant1	High	2480	0.58	-44.26	≤ -19.42	PASS

Test Graphs

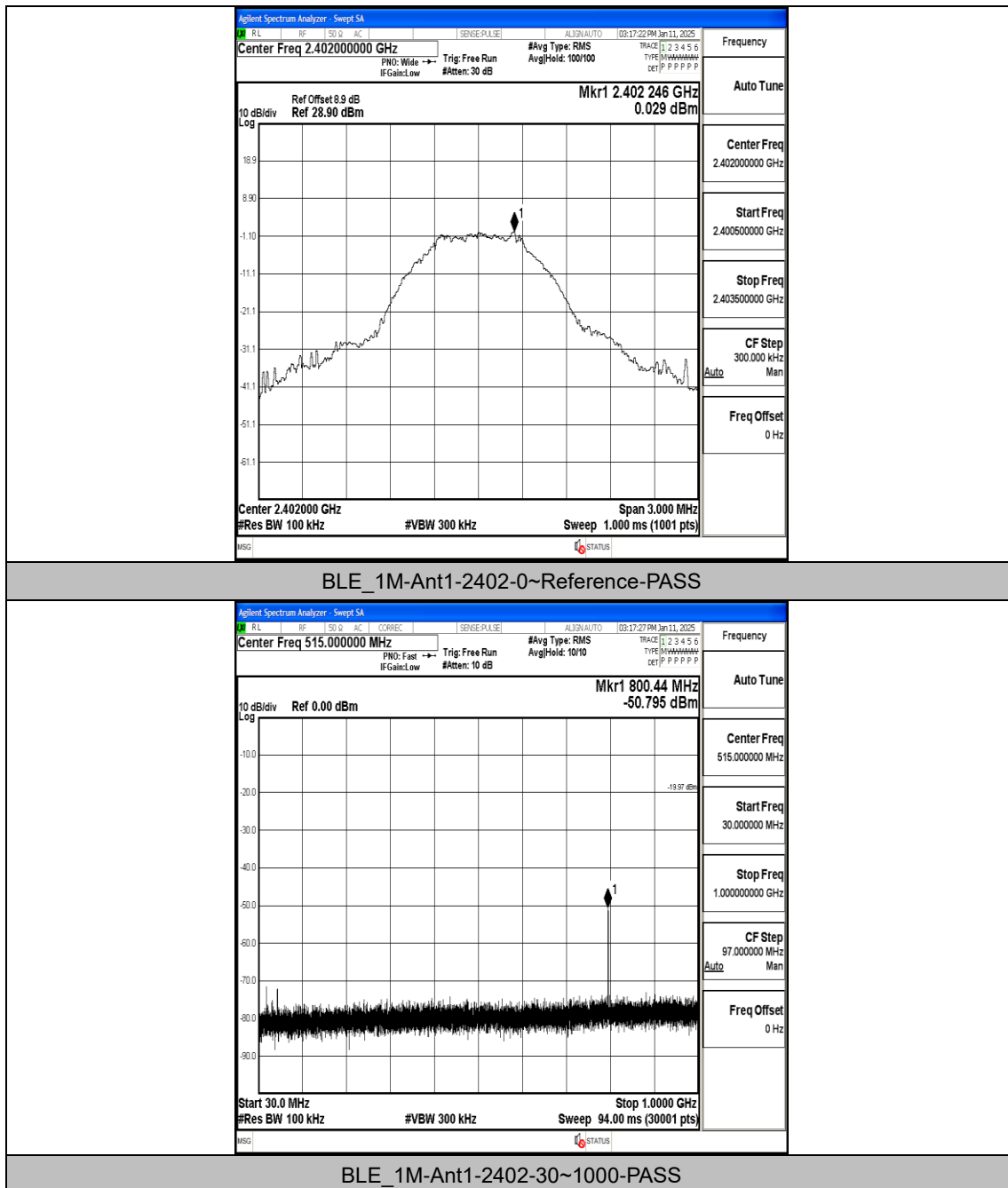


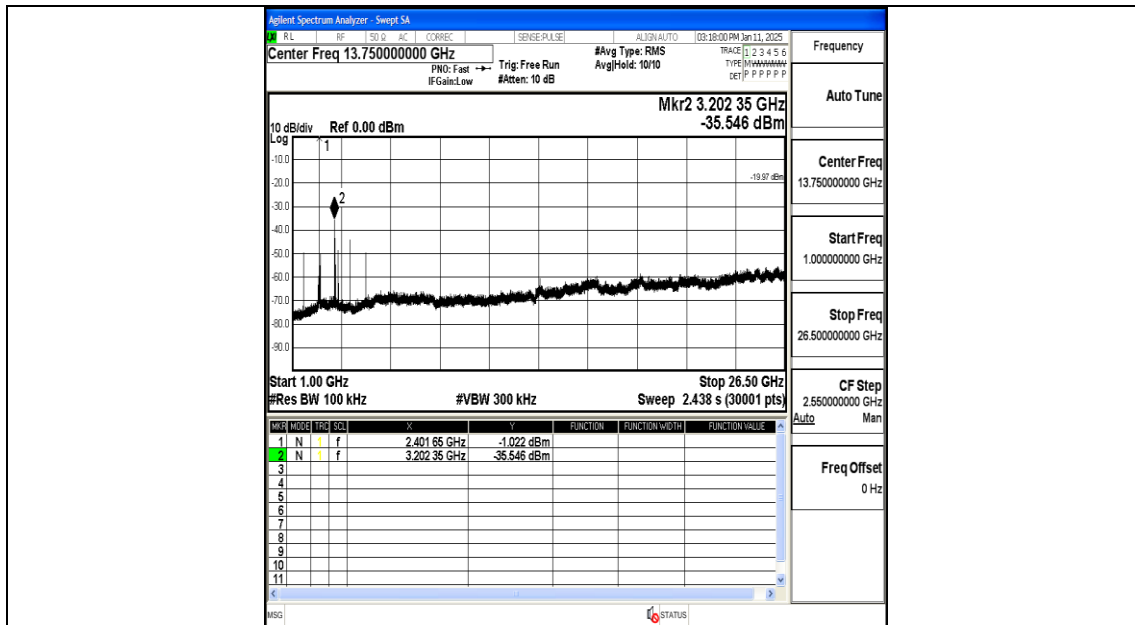
Appendix F: Conducted Spurious Emission

Test Result

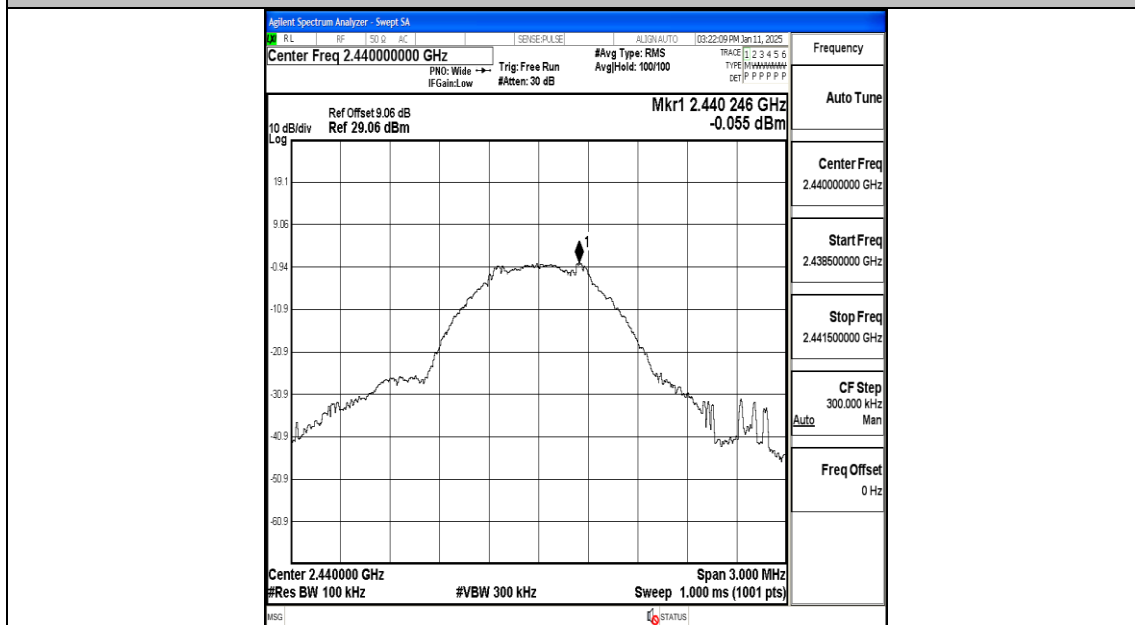
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.03	0.03	---	PASS
BLE_1M	Ant1	2402	30~1000	0.03	-50.8	≤-19.97	PASS
BLE_1M	Ant1	2402	1000~26500	0.03	-35.55	≤-19.97	PASS
BLE_1M	Ant1	2440	0~Reference	-0.06	-0.06	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.06	-50.85	≤-20.06	PASS
BLE_1M	Ant1	2440	1000~26500	-0.06	-35.79	≤-20.06	PASS
BLE_1M	Ant1	2480	0~Reference	0.25	0.25	---	PASS
BLE_1M	Ant1	2480	30~1000	0.25	-50.12	≤-19.75	PASS
BLE_1M	Ant1	2480	1000~26500	0.25	-37.27	≤-19.75	PASS

Test Graphs

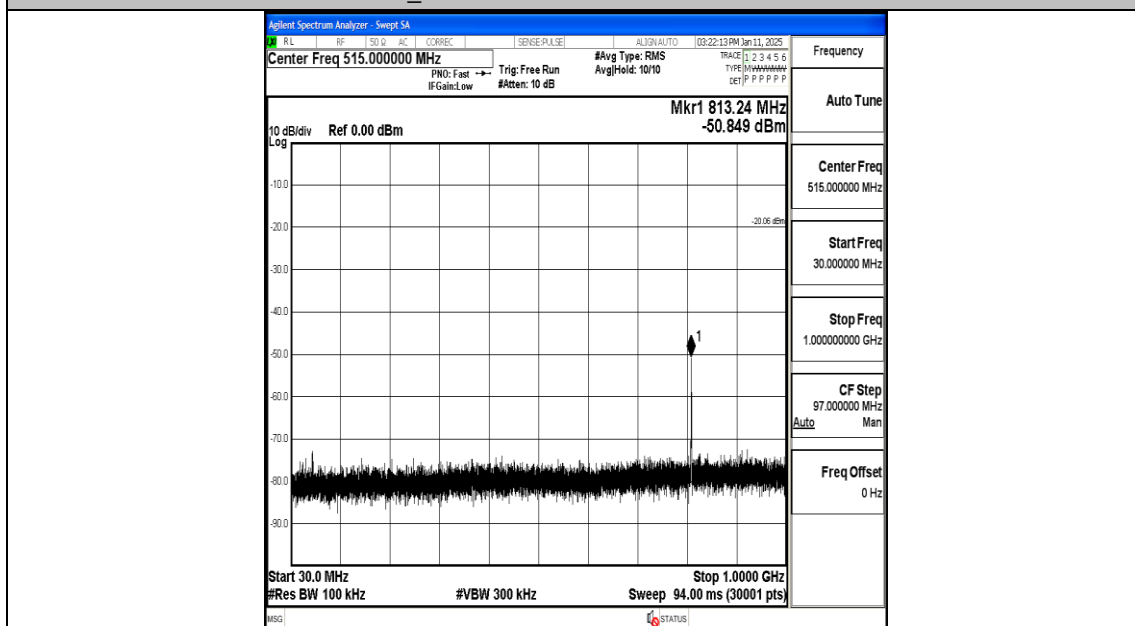




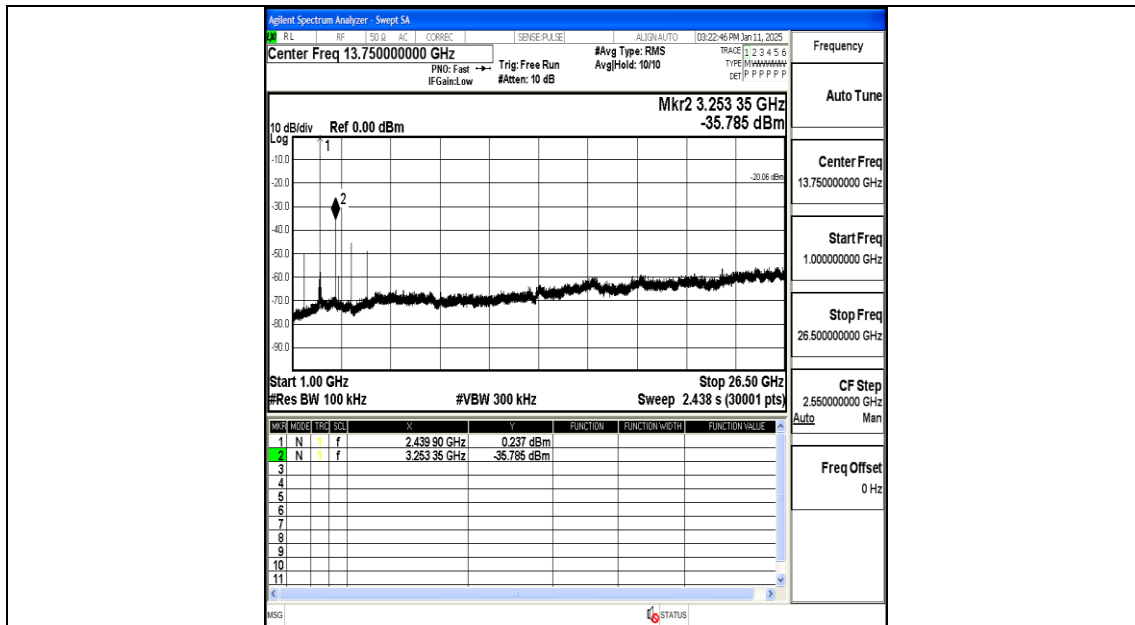
BLE_1M-Ant1-2402-1000~26500-PASS



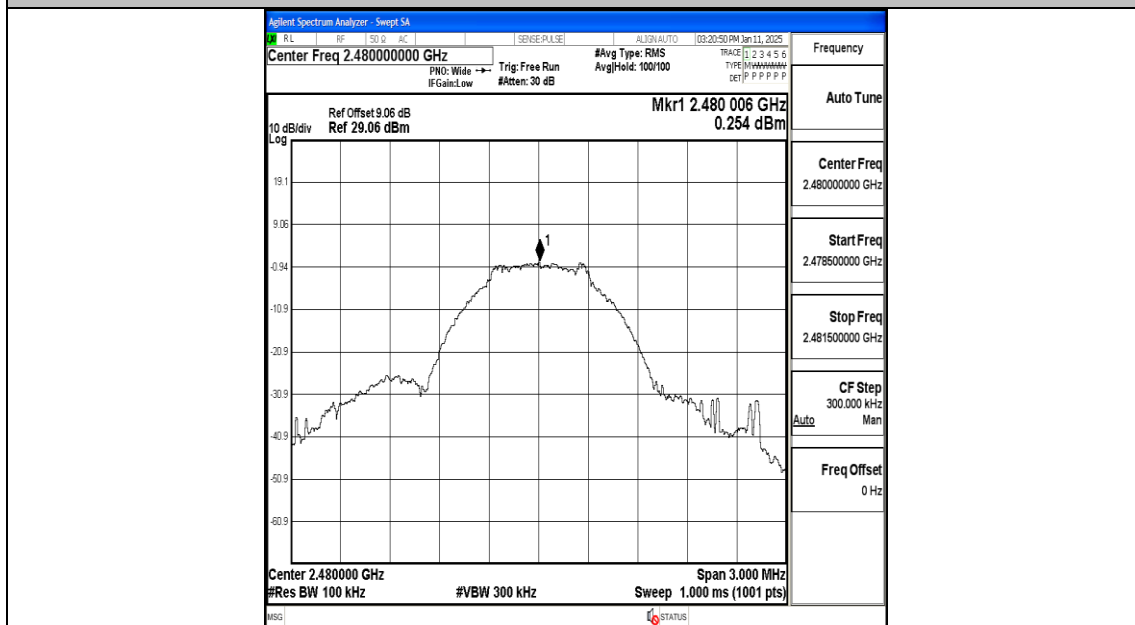
BLE_1M-Ant1-2440-0~Reference-PASS



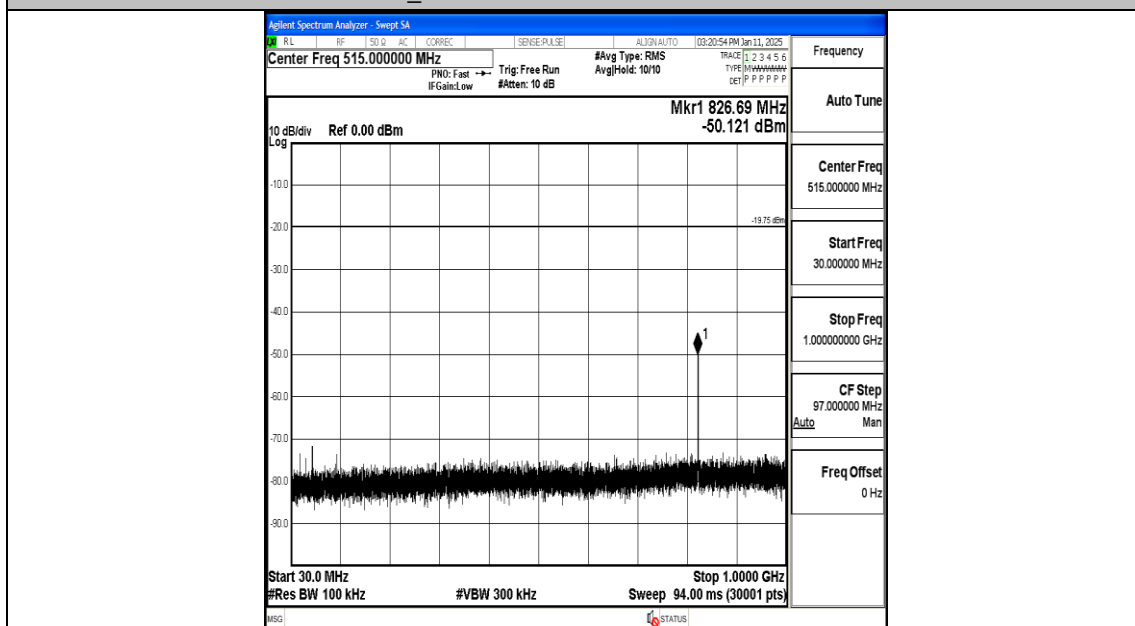
BLE_1M-Ant1-2440-30~1000-PASS



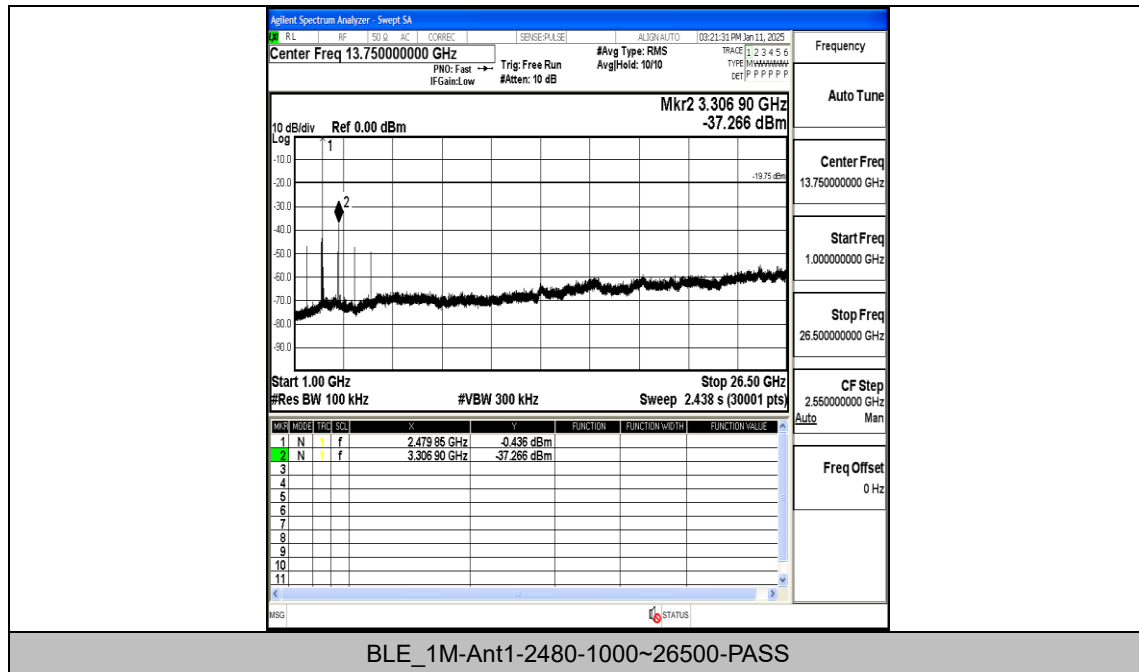
BLE_1M-Ant1-2440-1000~26500-PASS



BLE_1M-Ant1-2480-0~Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS



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	2.80	3.04	92.11	0.36
BLE_1M	Ant1	2440	2.81	3.04	92.43	0.34
BLE_1M	Ant1	2480	2.80	3.04	92.11	0.36

Test Graphs

