

Appendix Test Data for BLE (Conducted Measurement)

Product Name: Remote control

Trade Mark: /

Test Model: G08

FCC ID: 2ASXW-G08

Environmental Conditions

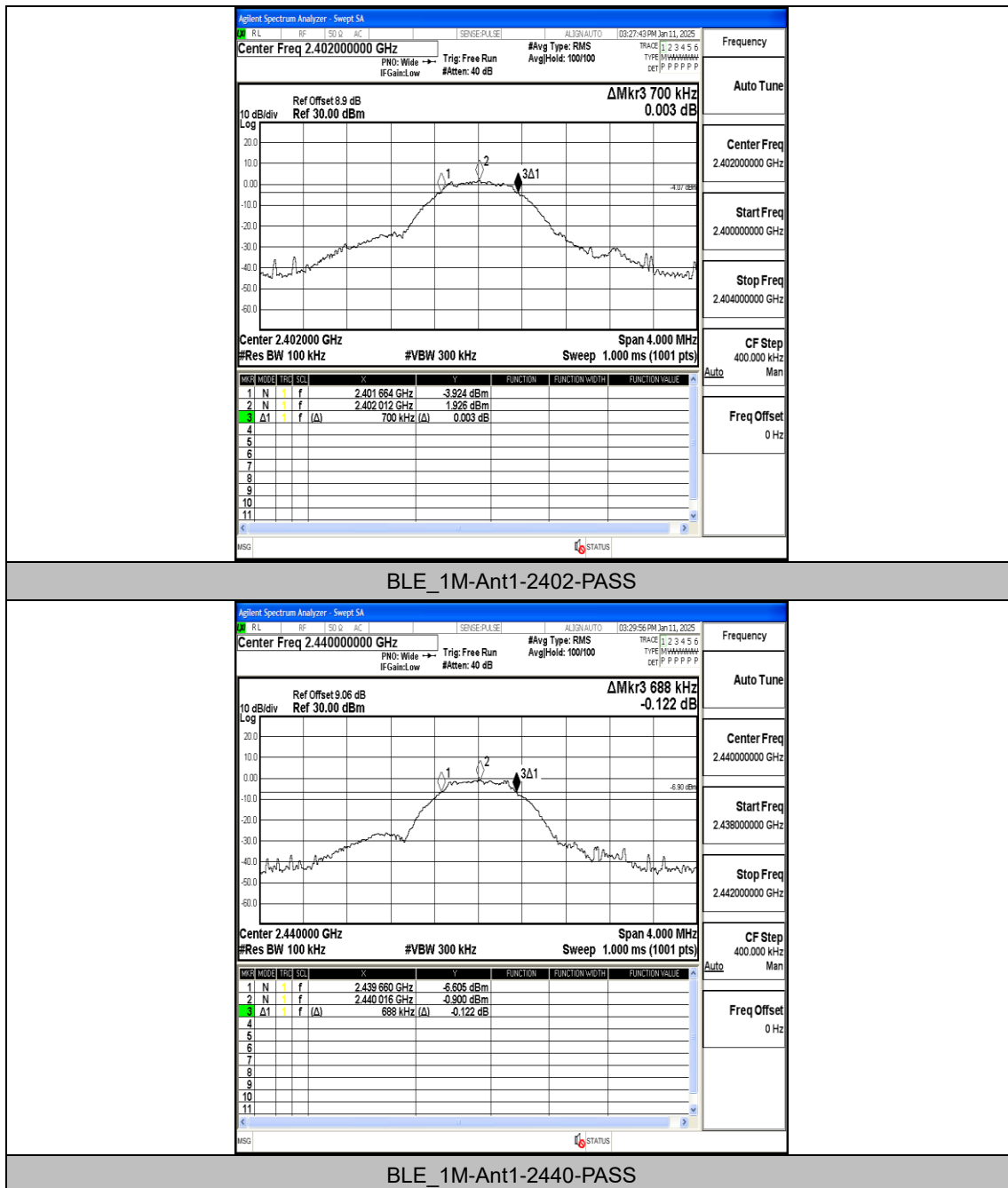
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

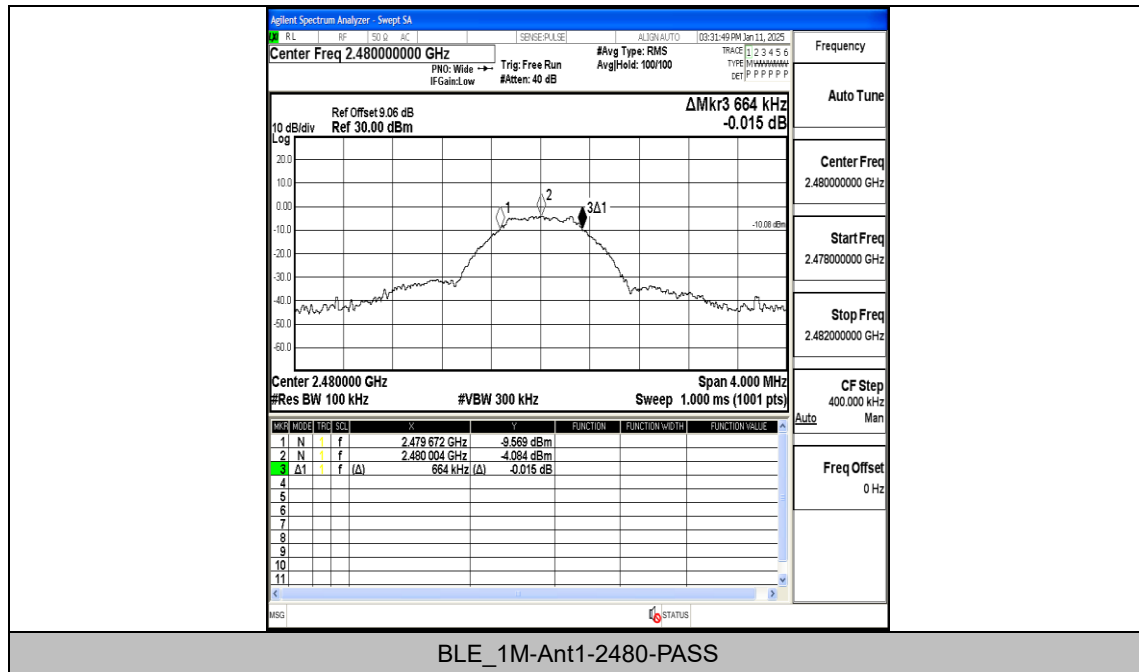
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.664	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.688	2439.660	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.664	2479.672	2480.336	0.5	PASS

Test Graphs



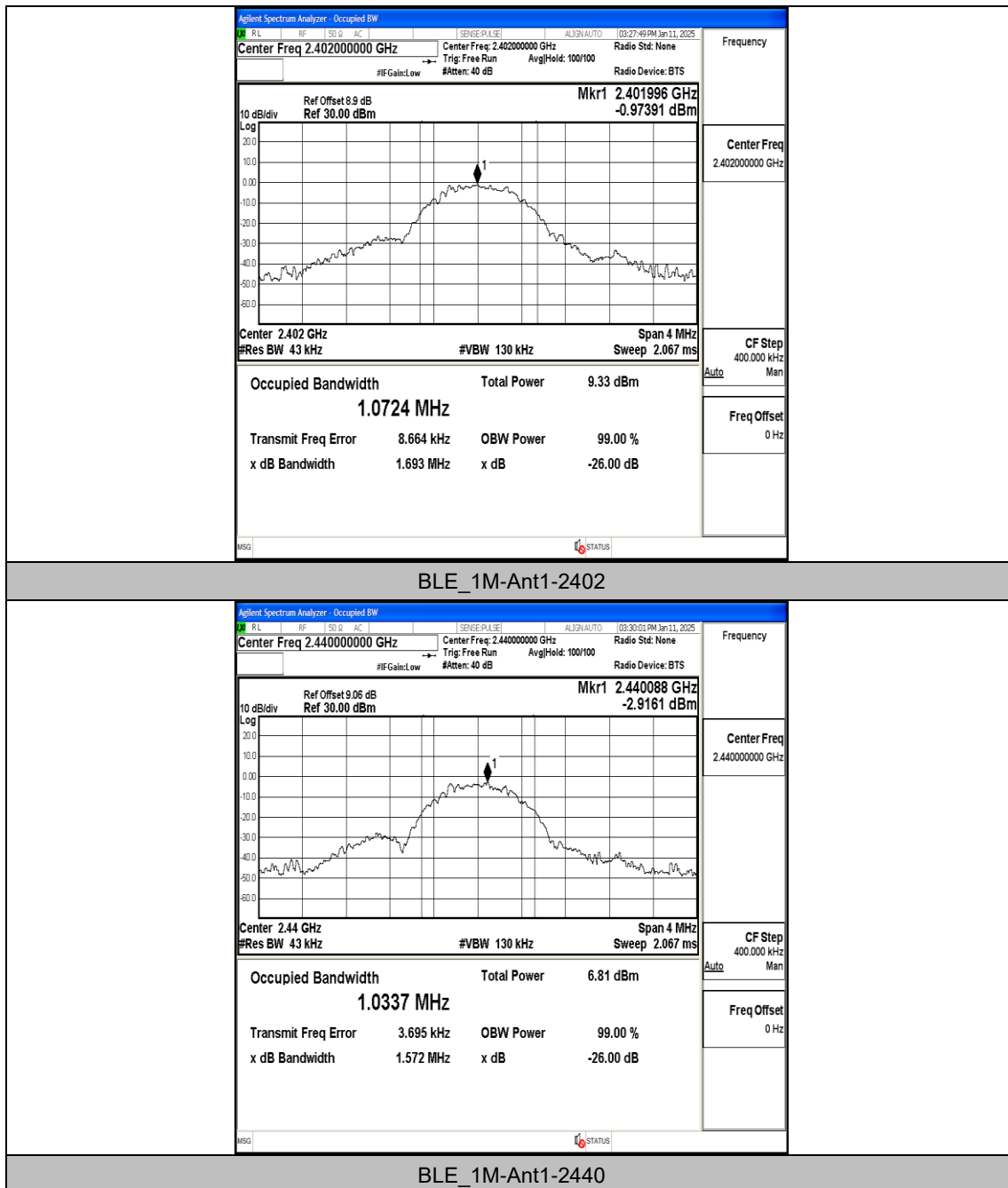


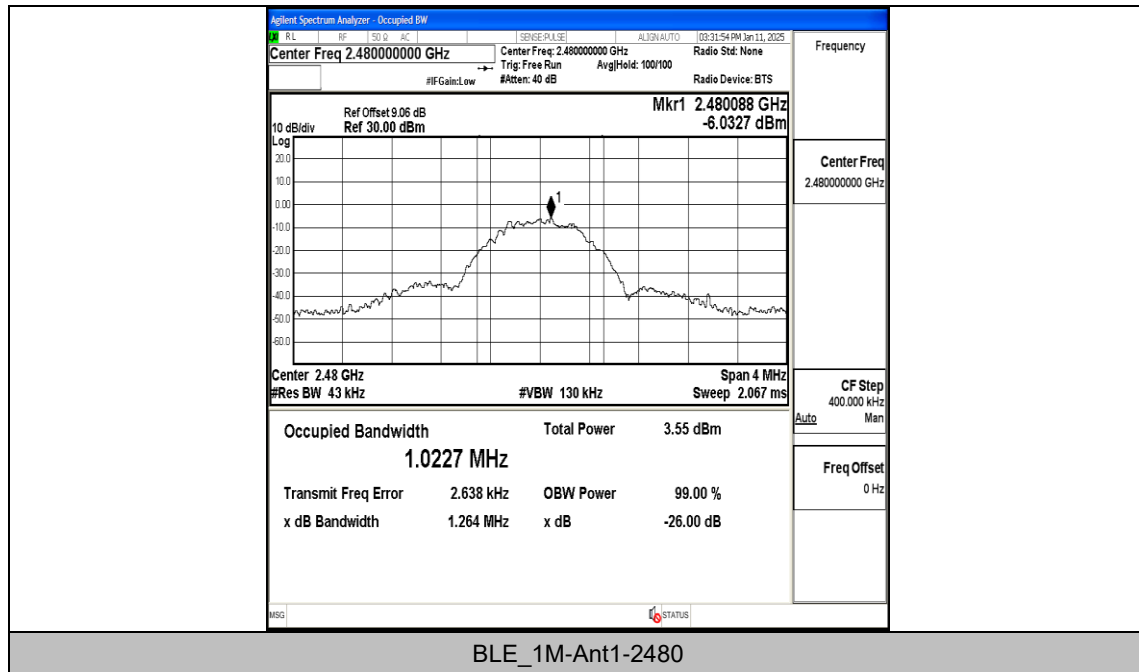
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0724	2401.4725	2402.5449	---	---
BLE_1M	Ant1	2440	1.0337	2439.4869	2440.5206	---	---
BLE_1M	Ant1	2480	1.0227	2479.4913	2480.5140	---	---

Test Graphs



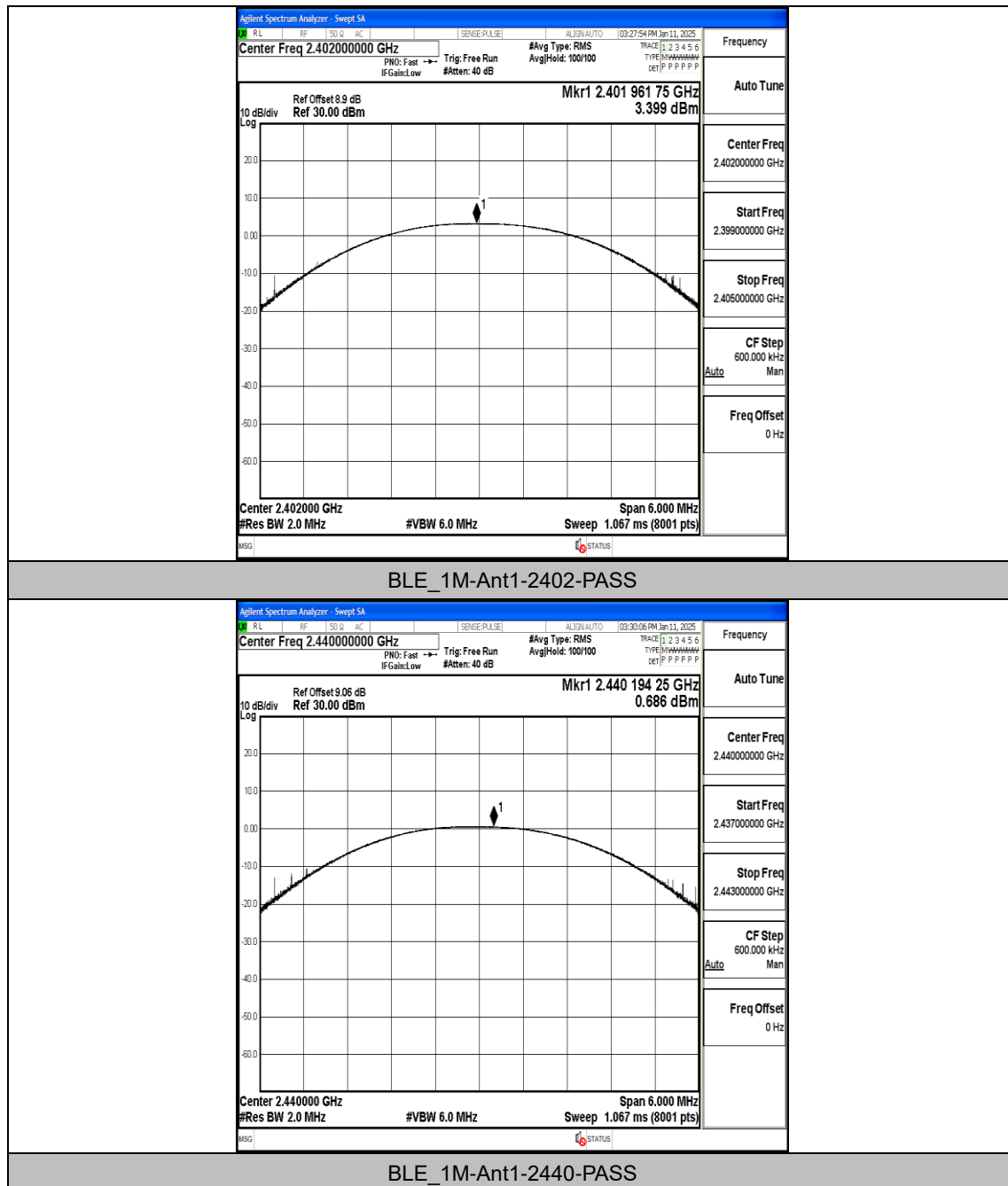


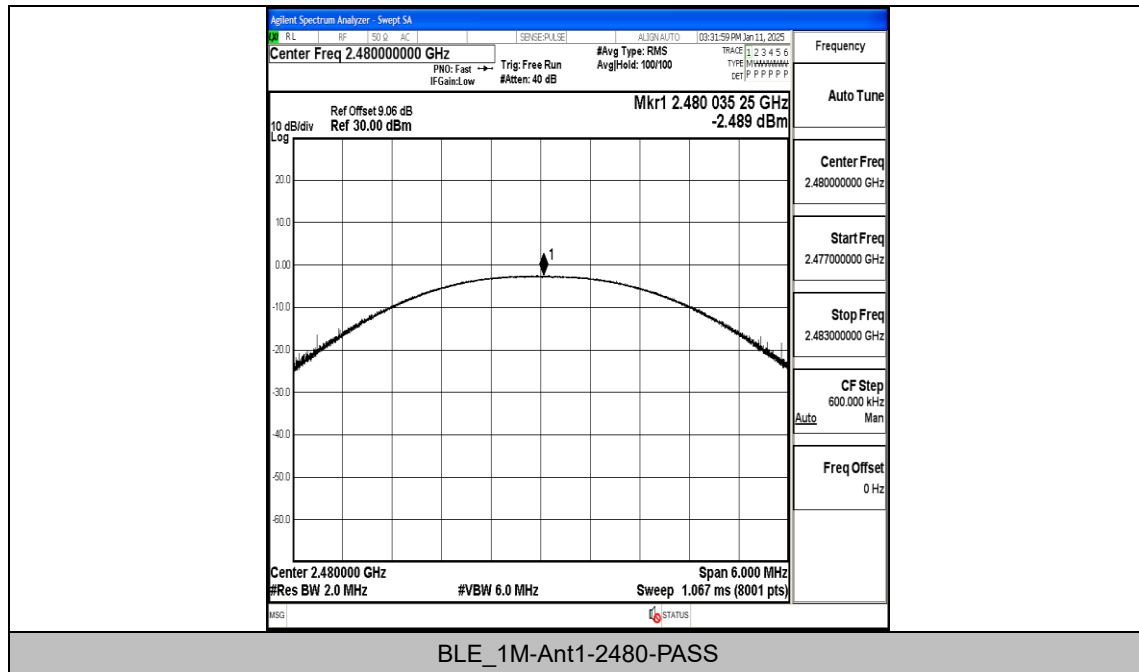
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	3.40	≤30	PASS
BLE_1M	Ant1	2440	0.69	≤30	PASS
BLE_1M	Ant1	2480	-2.49	≤30	PASS

Test Graphs Peak



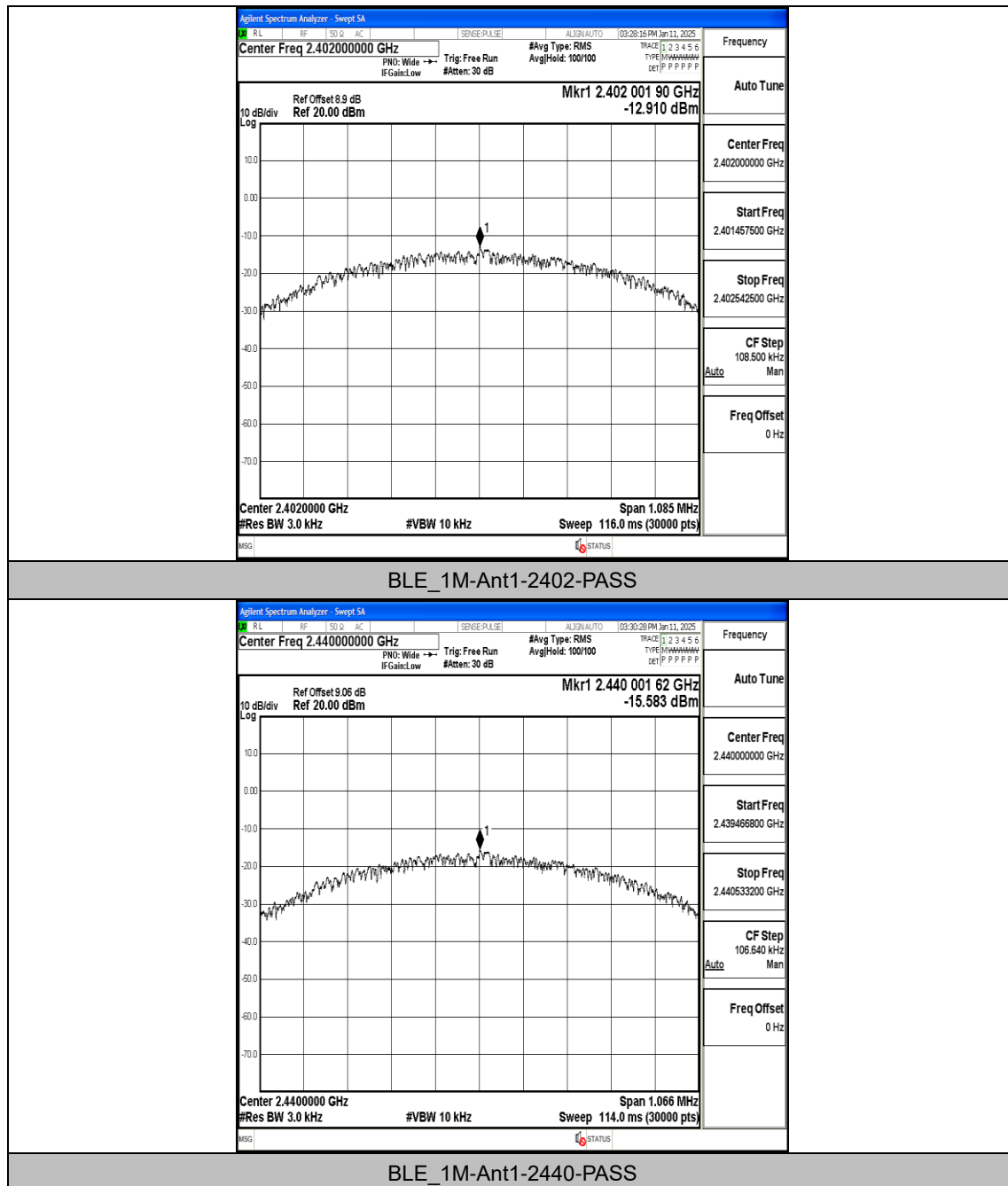


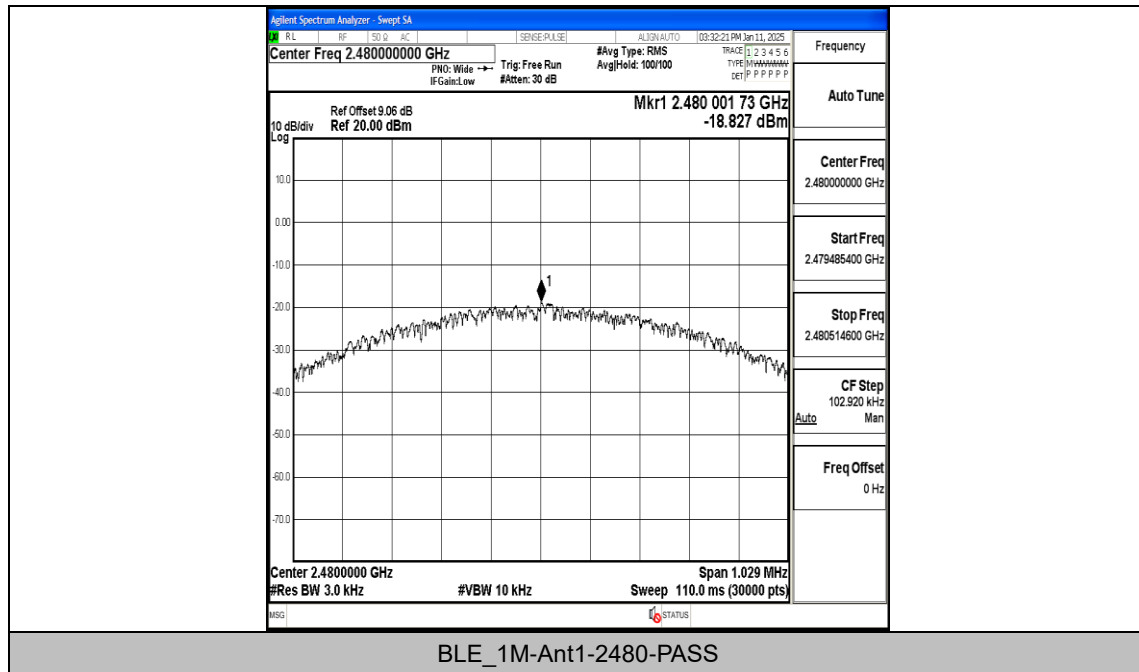
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.91	≤8.00	PASS
BLE_1M	Ant1	2440	-15.58	≤8.00	PASS
BLE_1M	Ant1	2480	-18.83	≤8.00	PASS

Test Graphs



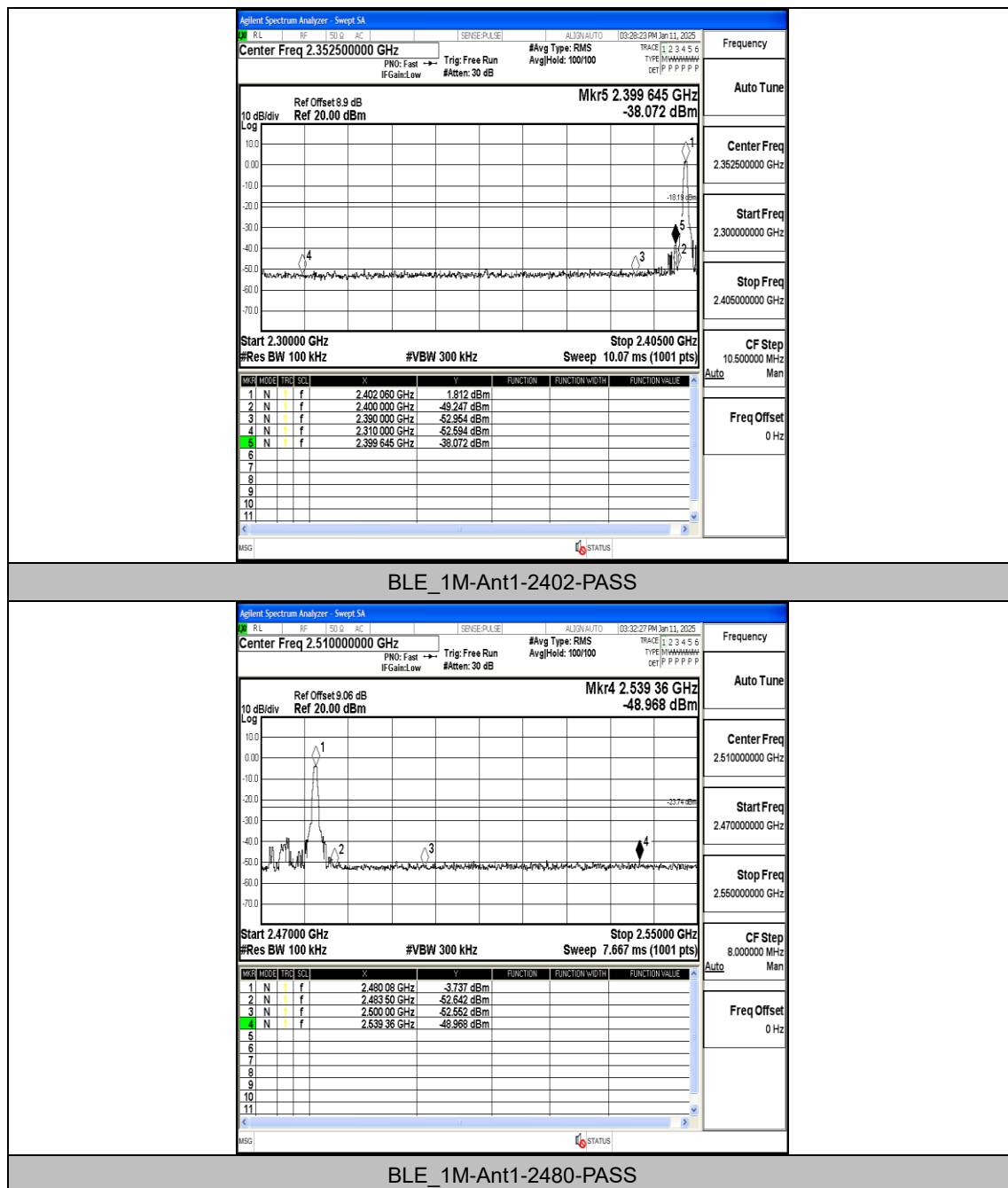


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.81	-38.07	≤-18.19	PASS
BLE_1M	Ant1	High	2480	-3.74	-48.97	≤-23.74	PASS

Test Graphs

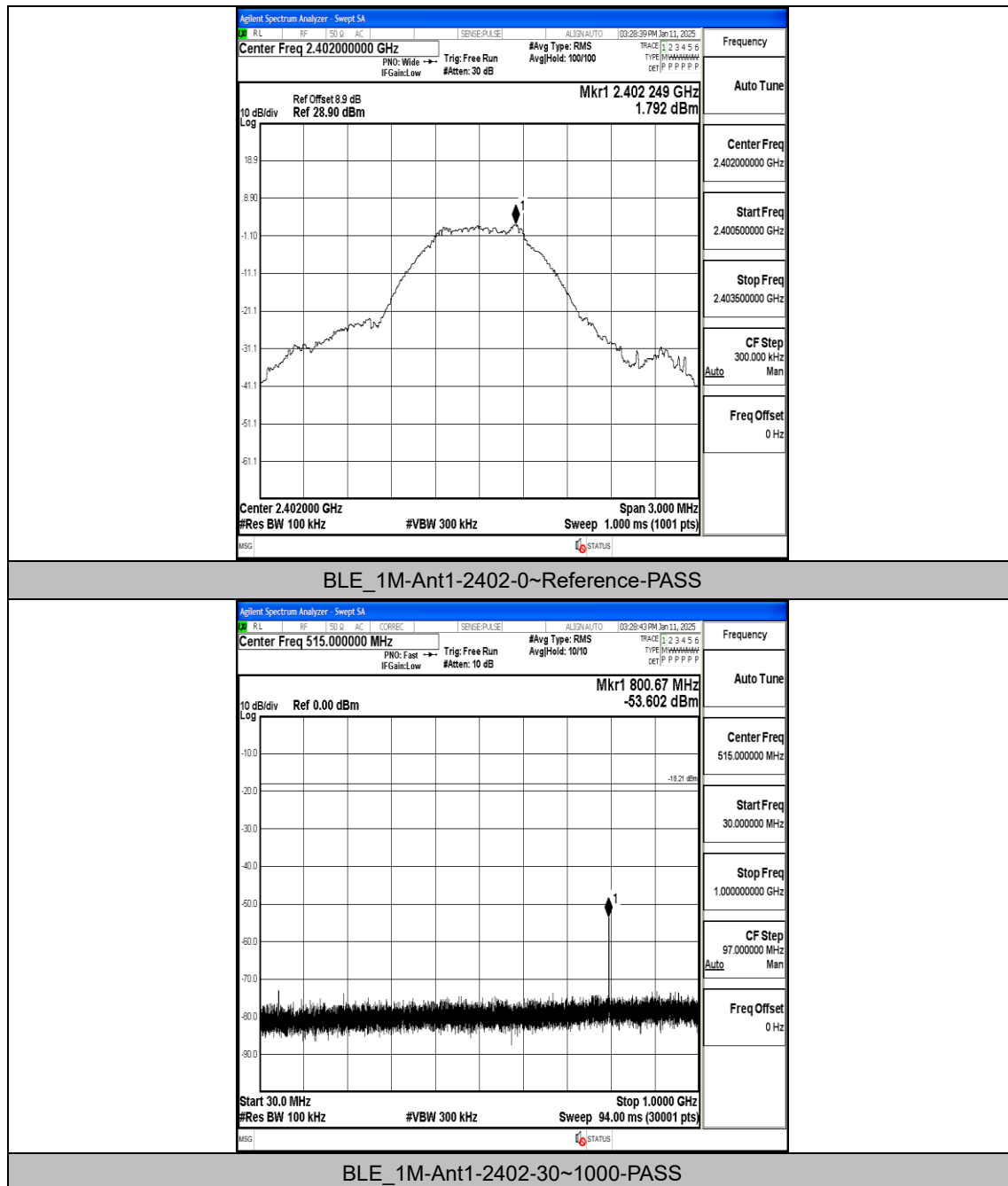


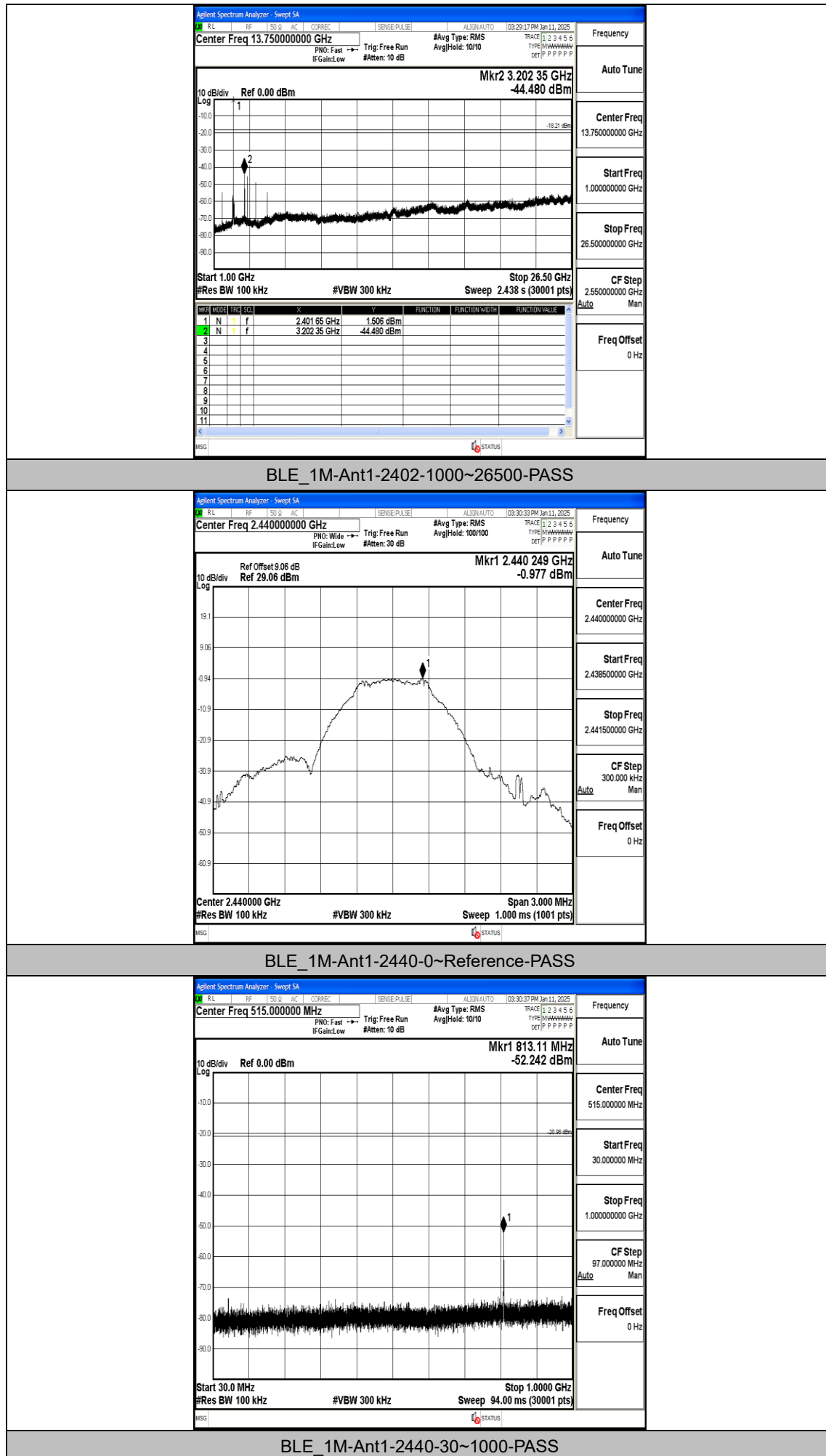
Appendix F: Conducted Spurious Emission

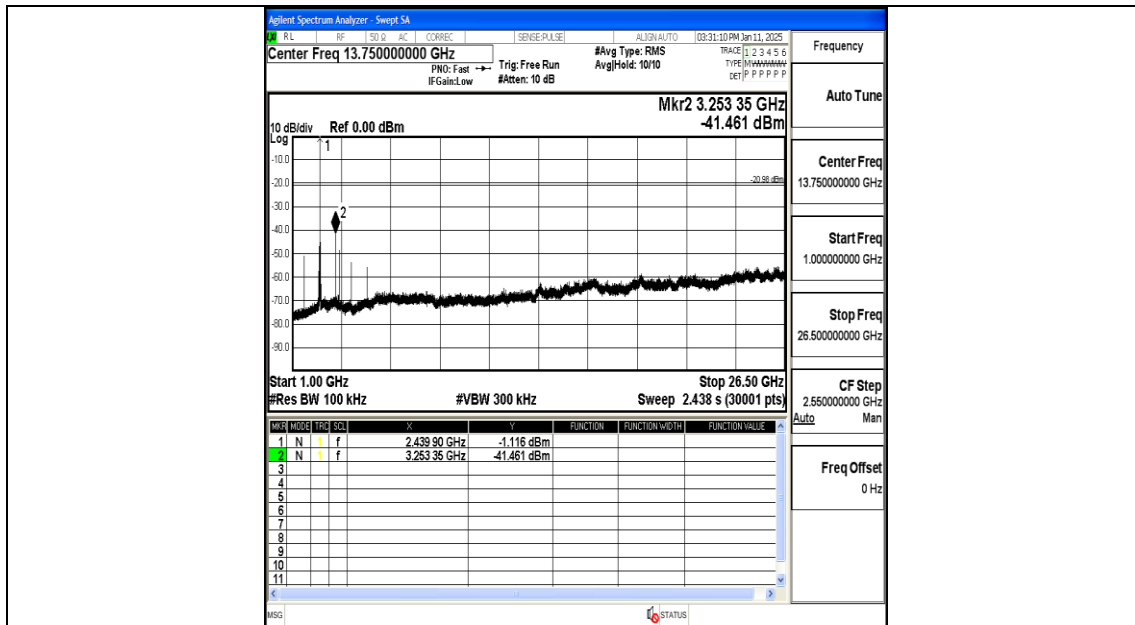
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.79	1.79	---	PASS
BLE_1M	Ant1	2402	30~1000	1.79	-53.6	≤-18.21	PASS
BLE_1M	Ant1	2402	1000~26500	1.79	-44.48	≤-18.21	PASS
BLE_1M	Ant1	2440	0~Reference	-0.98	-0.98	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.98	-52.24	≤-20.98	PASS
BLE_1M	Ant1	2440	1000~26500	-0.98	-41.46	≤-20.98	PASS
BLE_1M	Ant1	2480	0~Reference	-3.96	-3.96	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.96	-51.5	≤-23.96	PASS
BLE_1M	Ant1	2480	1000~26500	-3.96	-42.75	≤-23.96	PASS

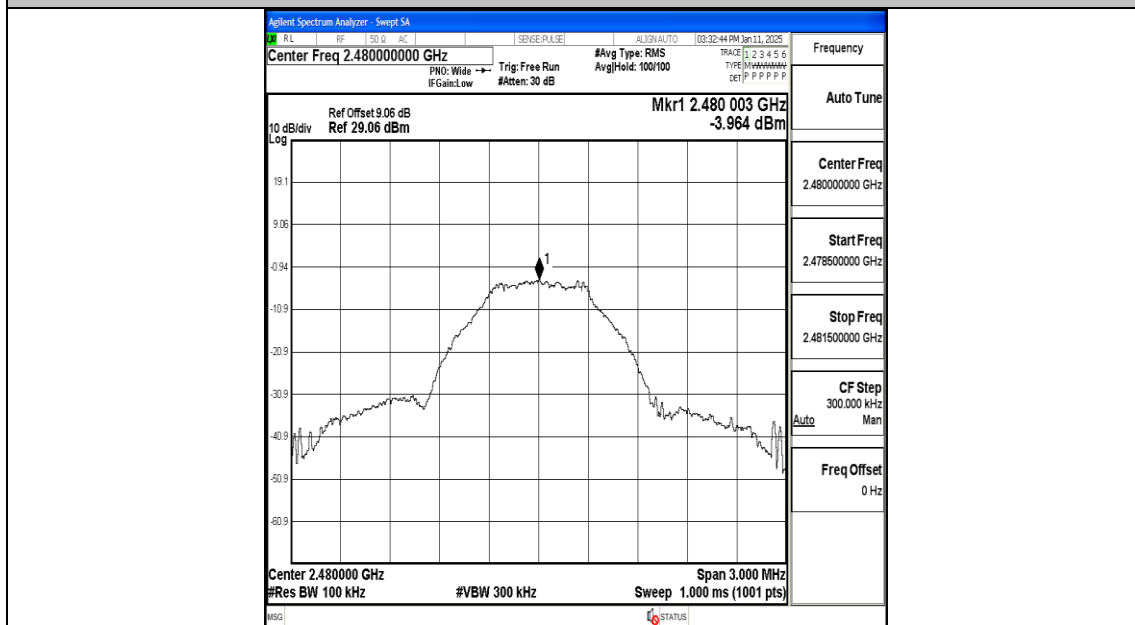
Test Graphs



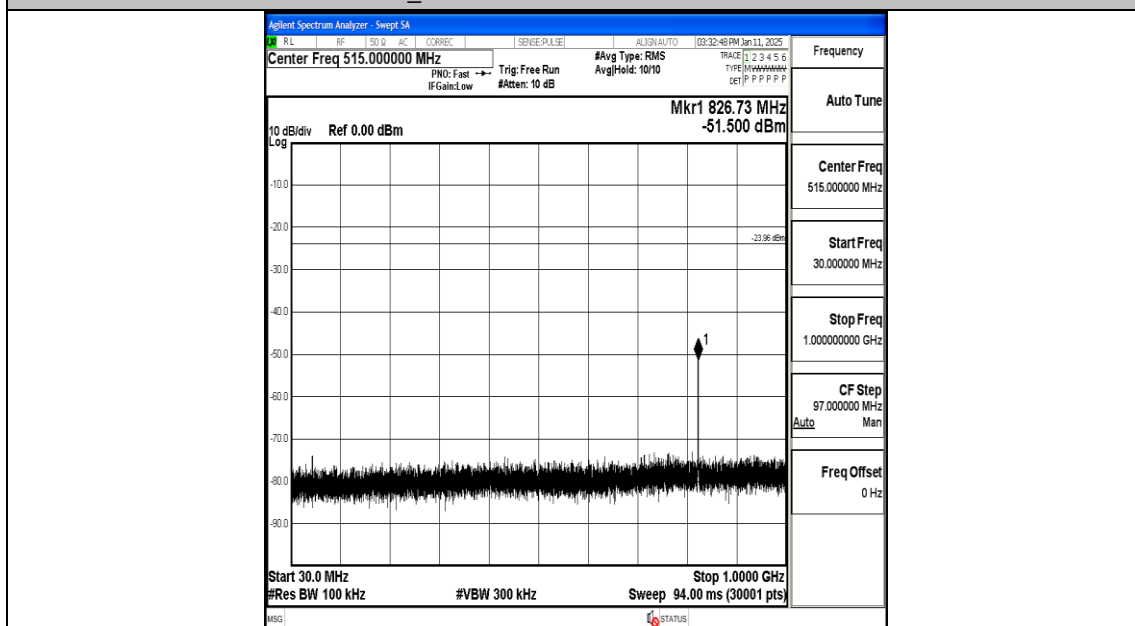




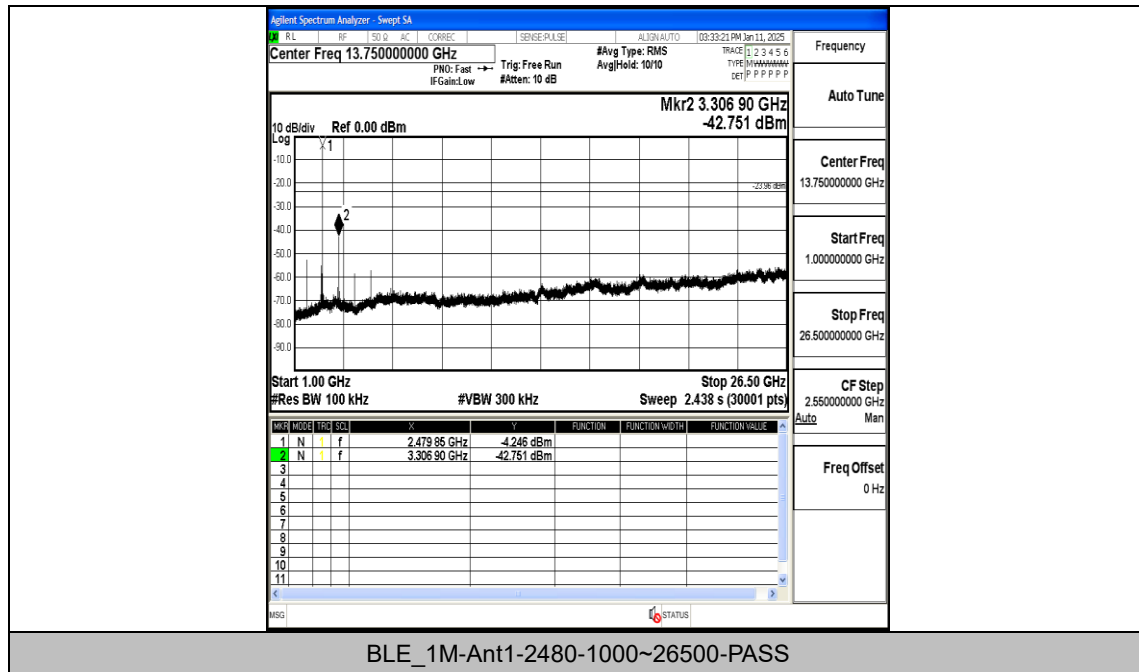
BLE_1M-Ant1-2440-1000~26500-PASS



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	2.80	3.04	92.11	0.36
BLE_1M	Ant1	2480	2.81	3.04	92.43	0.34

Test Graphs

