

Appendix Test Data for BLE (Conducted Measurement)

Product Name: Remote control

Trade Mark: N/A

Test Model: C17

FCC ID: 2ASXW-C17

Environmental Conditions

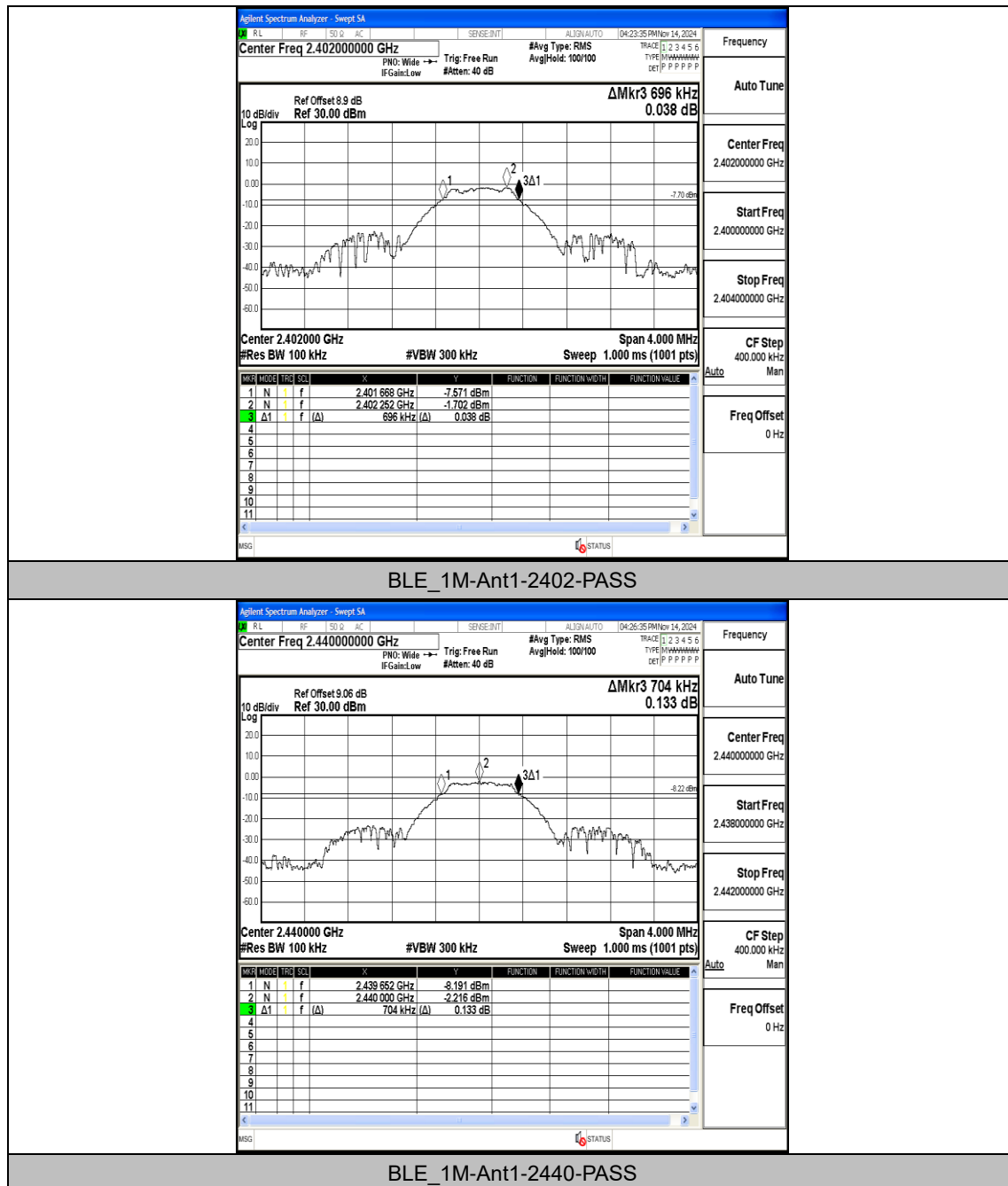
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

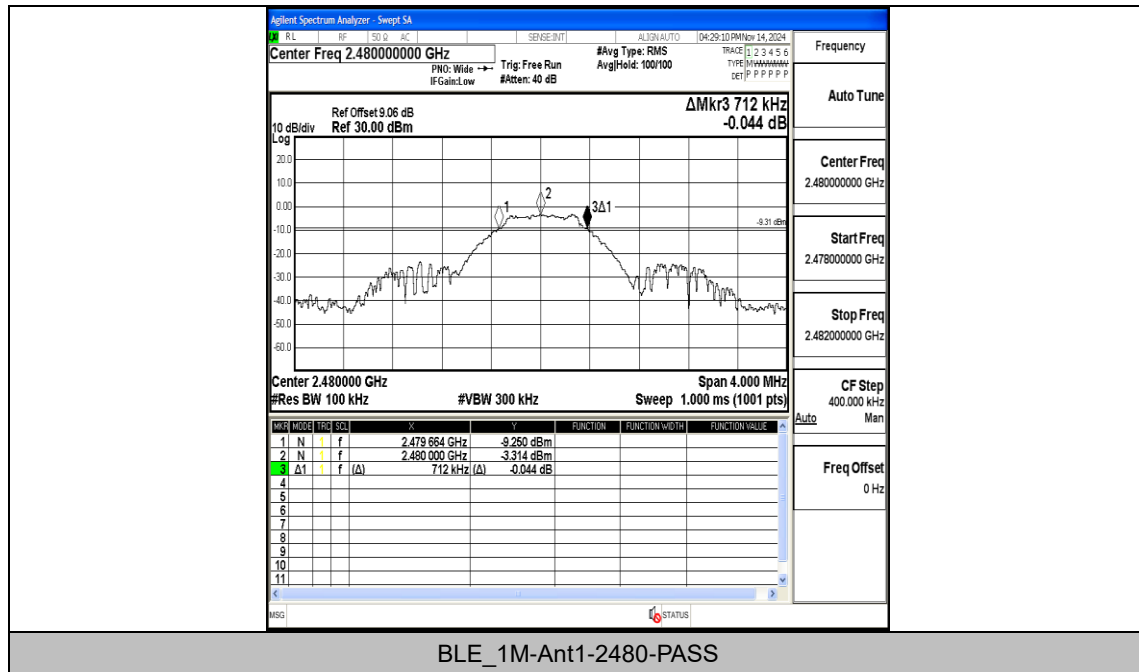
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.668	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.704	2439.652	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.712	2479.664	2480.376	0.5	PASS

Test Graphs



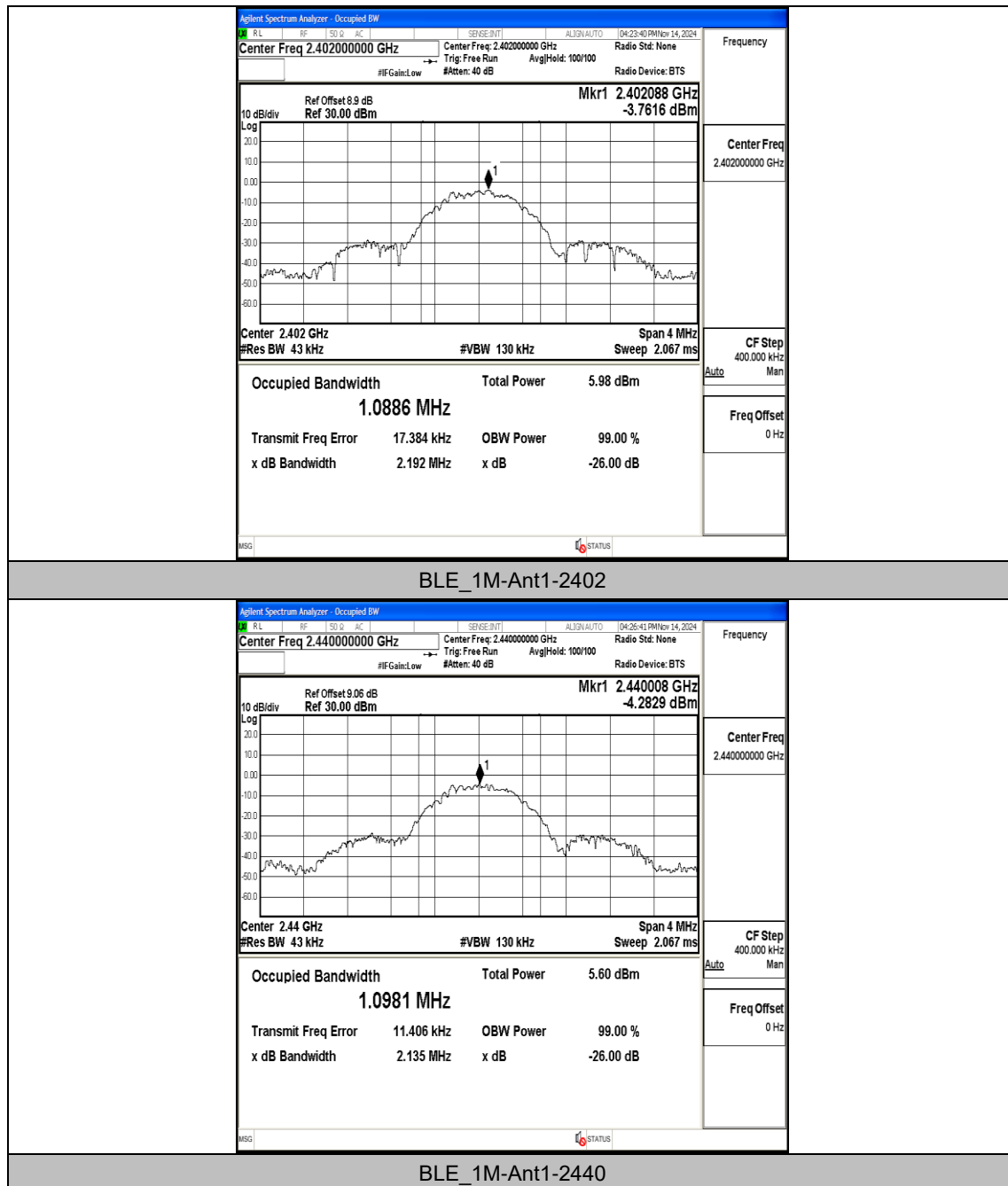


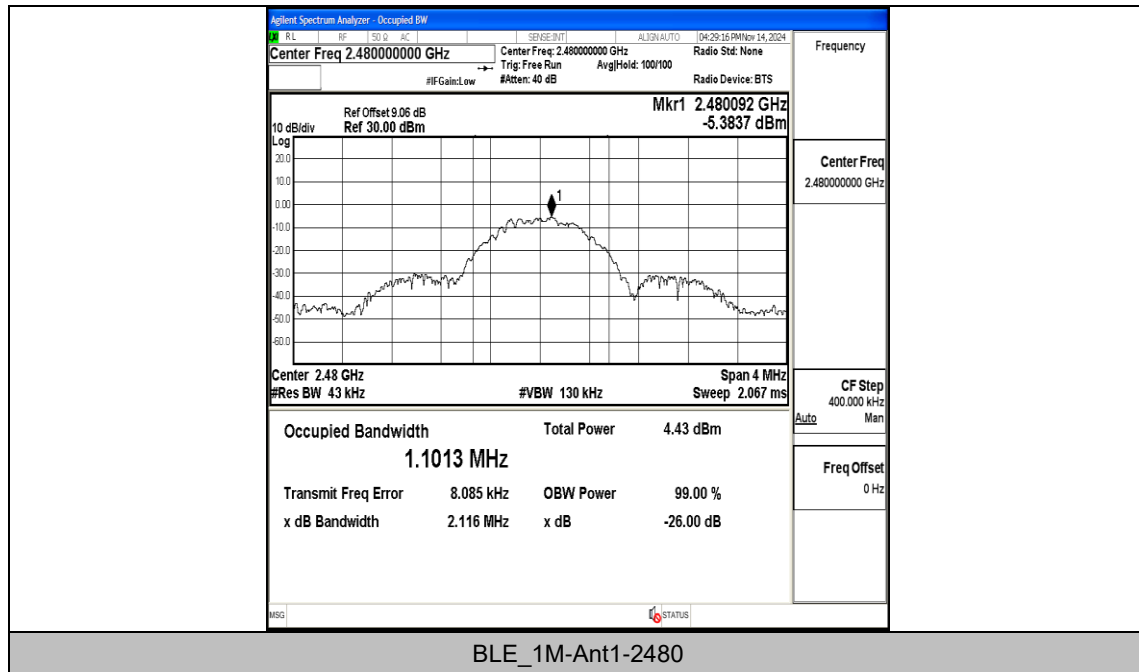
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0886	2401.4731	2402.5617	---	---
BLE_1M	Ant1	2440	1.0981	2439.4624	2440.5605	---	---
BLE_1M	Ant1	2480	1.1013	2479.4574	2480.5587	---	---

Test Graphs



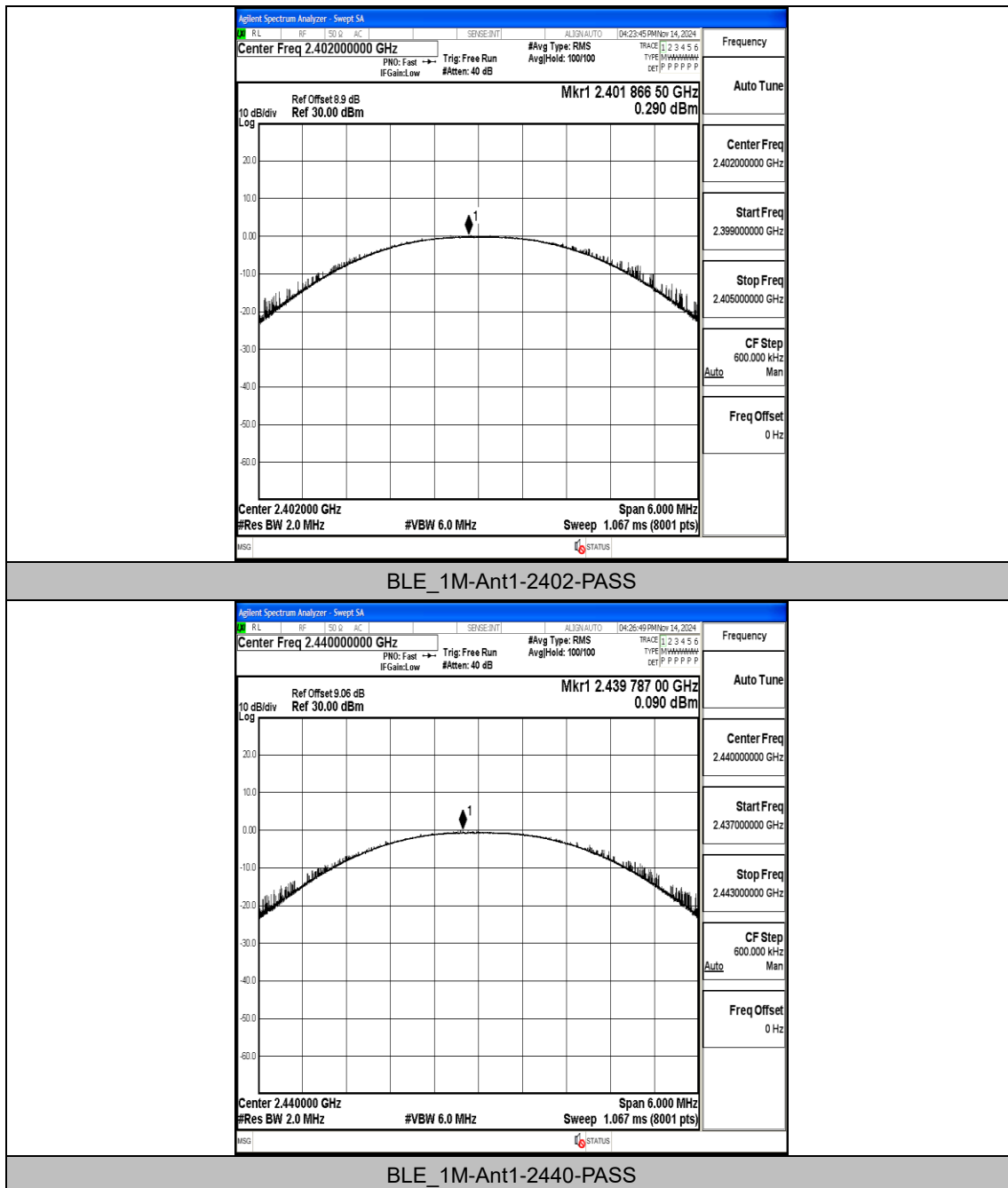


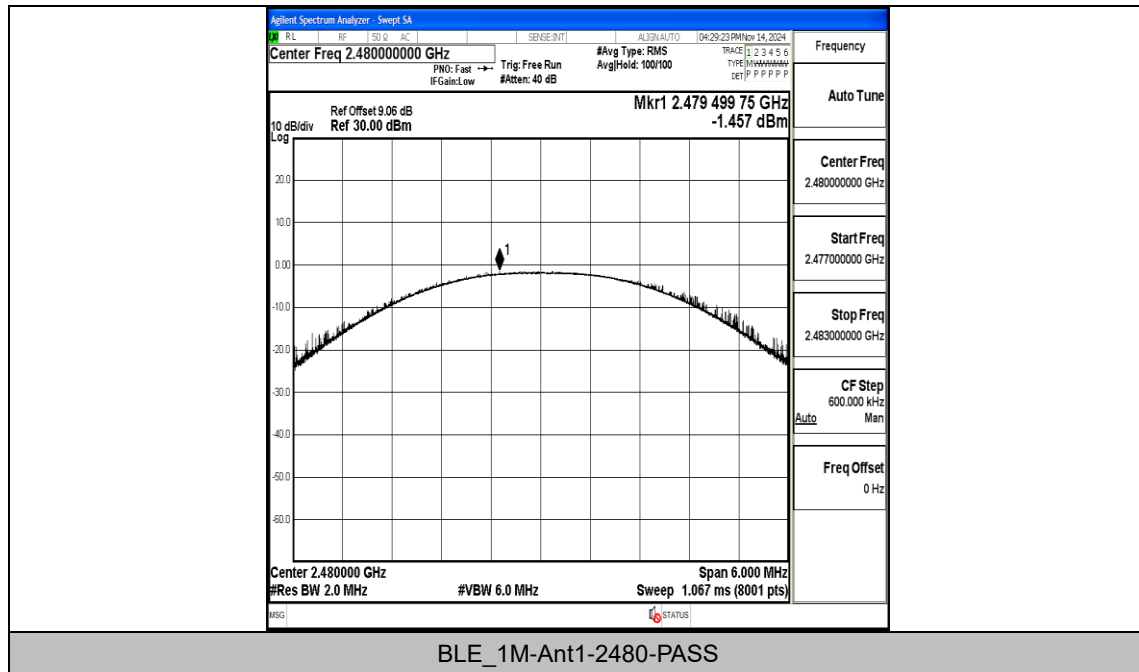
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0.29	≤30	PASS
BLE_1M	Ant1	2440	0.09	≤30	PASS
BLE_1M	Ant1	2480	-1.46	≤30	PASS

Test Graphs Peak



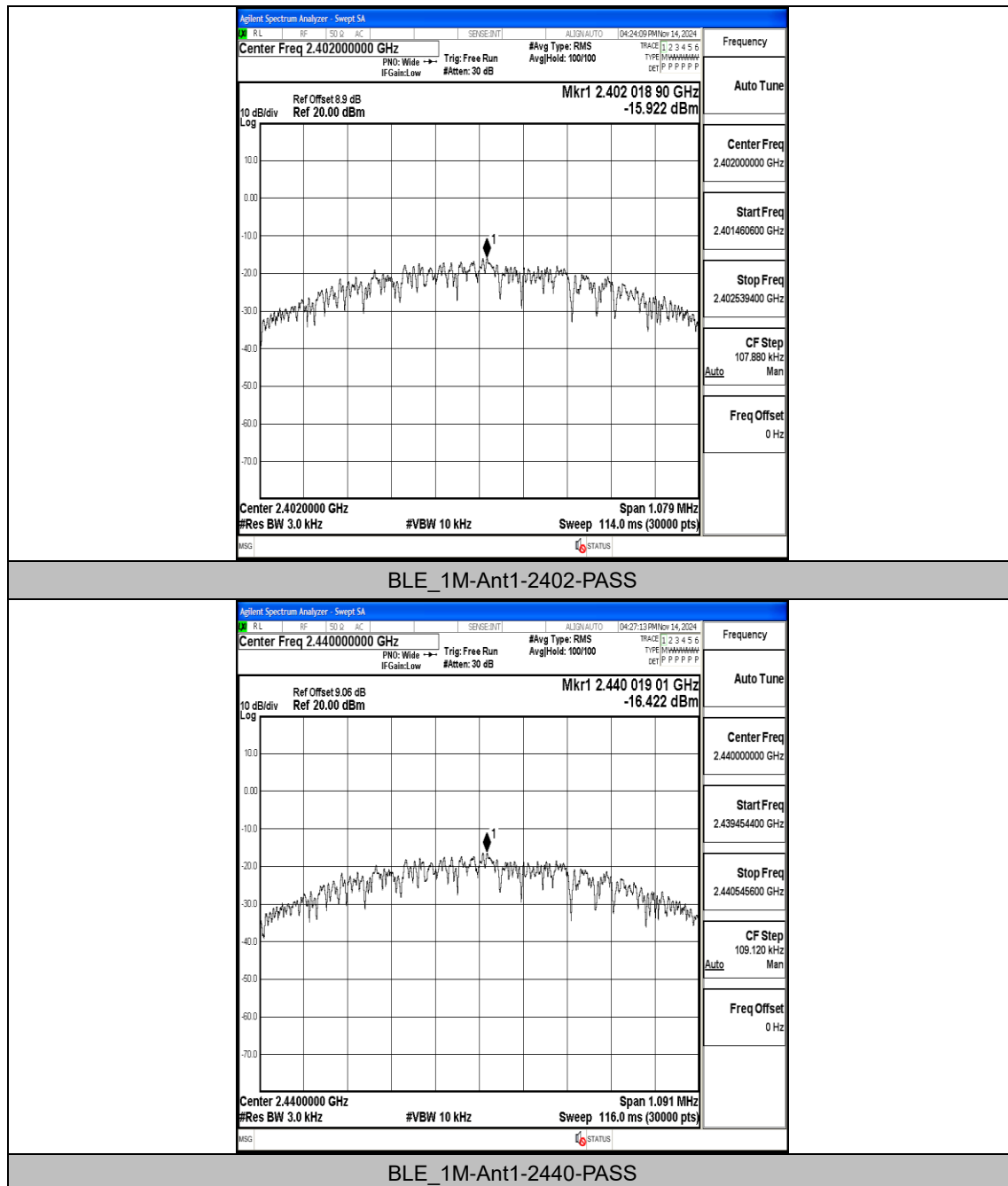


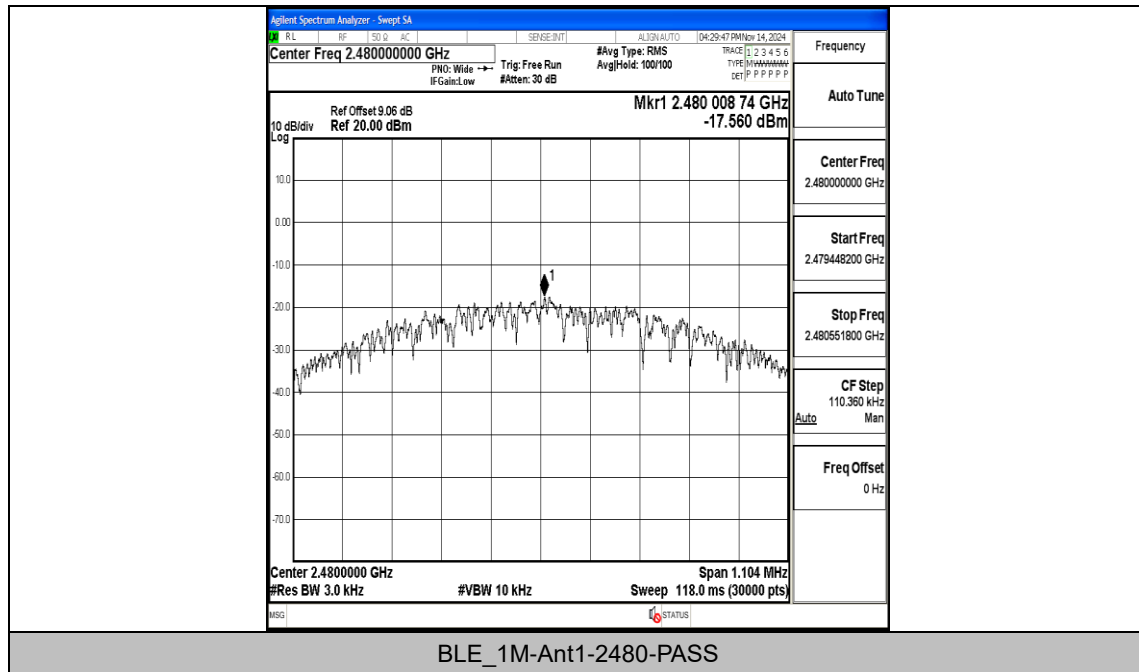
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.92	≤8.00	PASS
BLE_1M	Ant1	2440	-16.42	≤8.00	PASS
BLE_1M	Ant1	2480	-17.56	≤8.00	PASS

Test Graphs



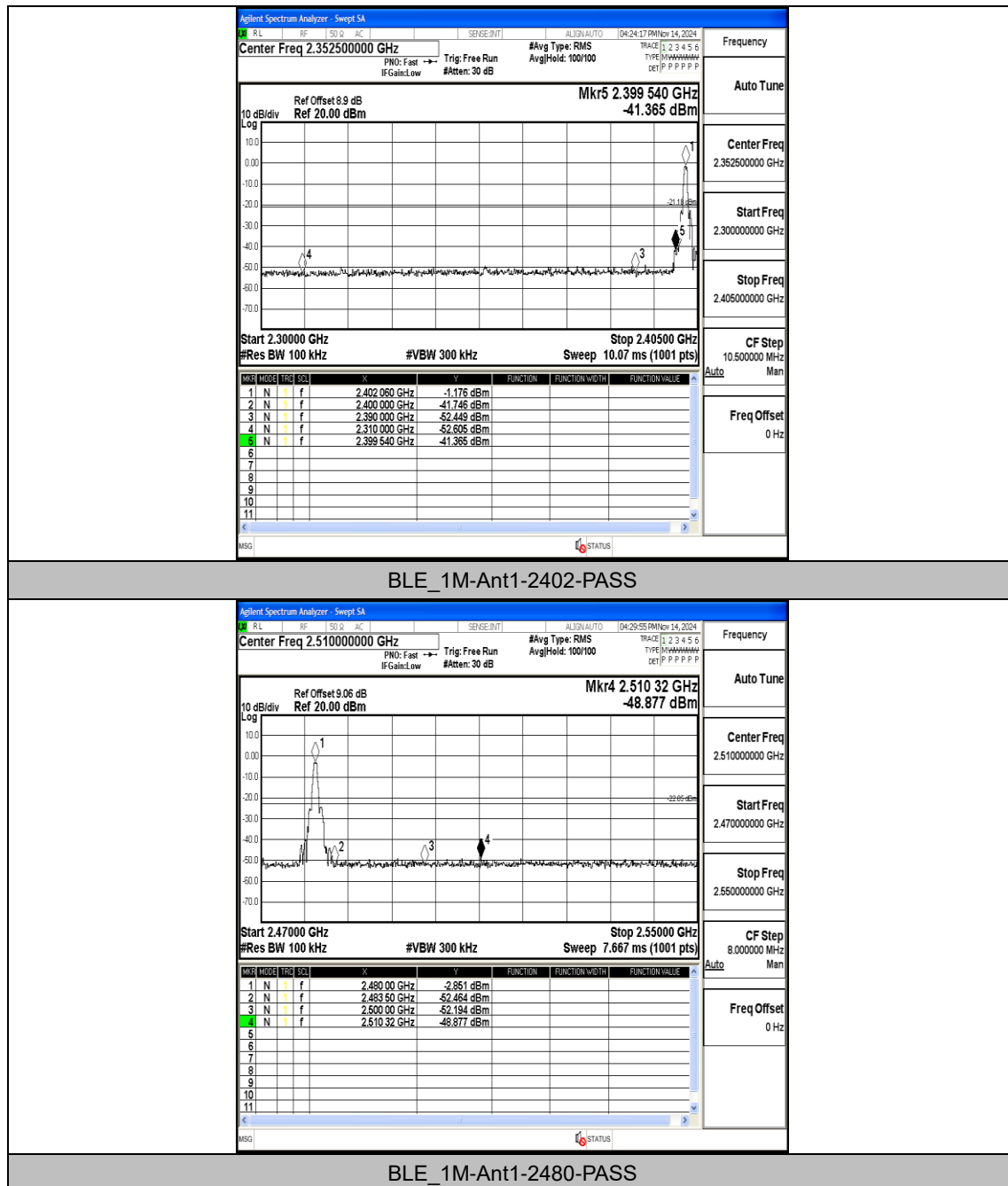


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.18	-41.37	≤ -21.18	PASS
BLE_1M	Ant1	High	2480	-2.85	-48.88	≤ -22.85	PASS

Test Graphs

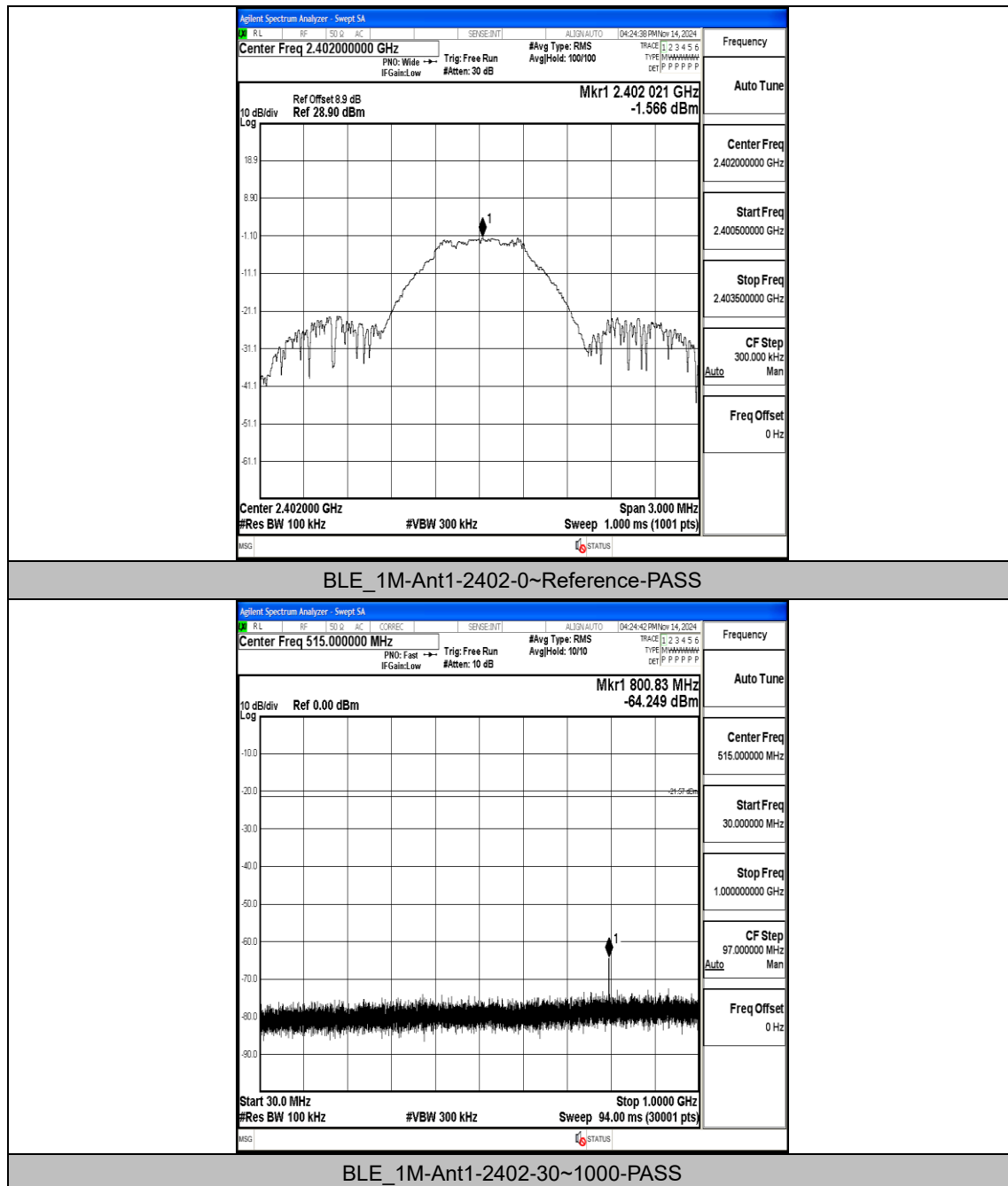


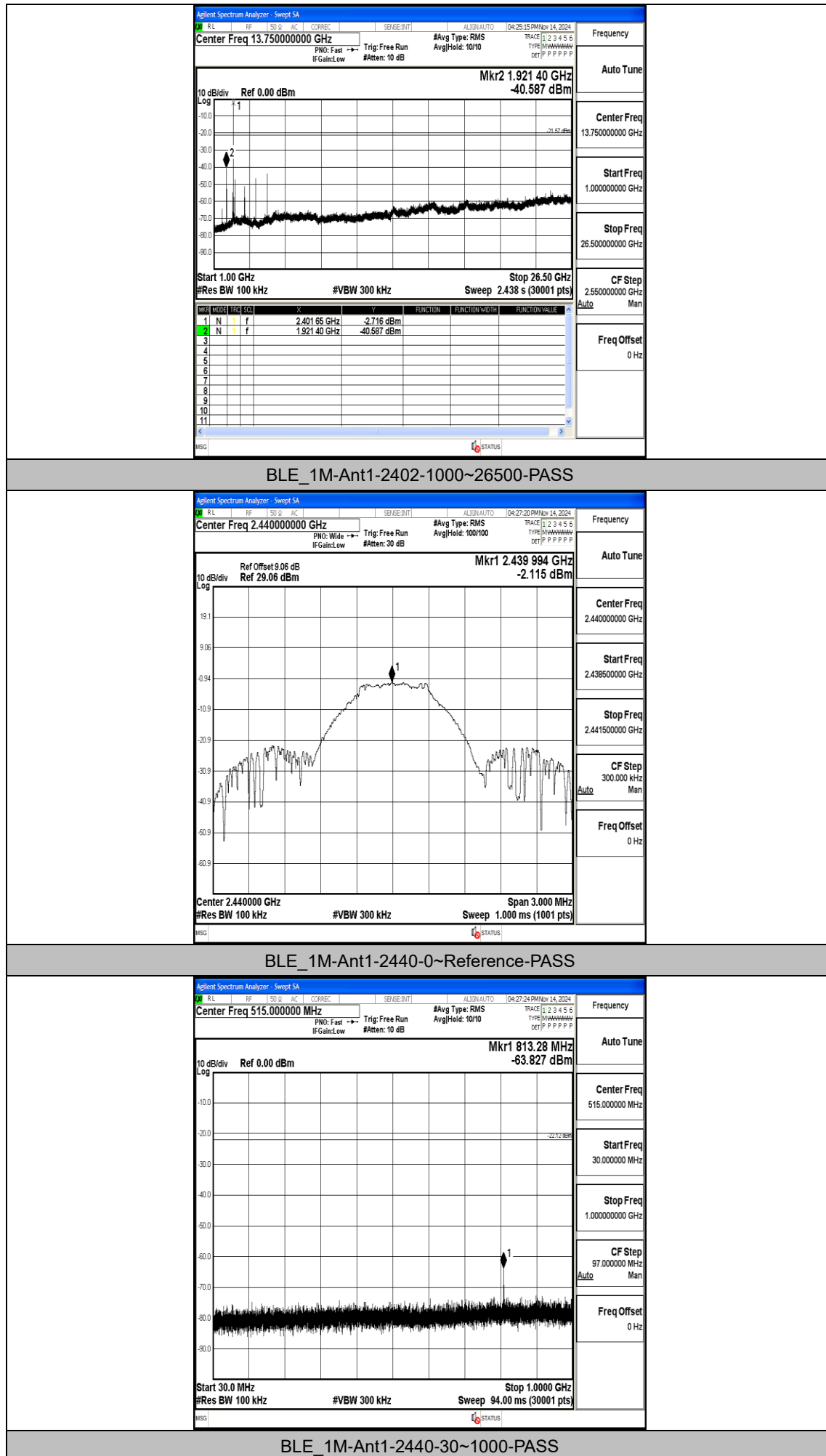
Appendix F: Conducted Spurious Emission

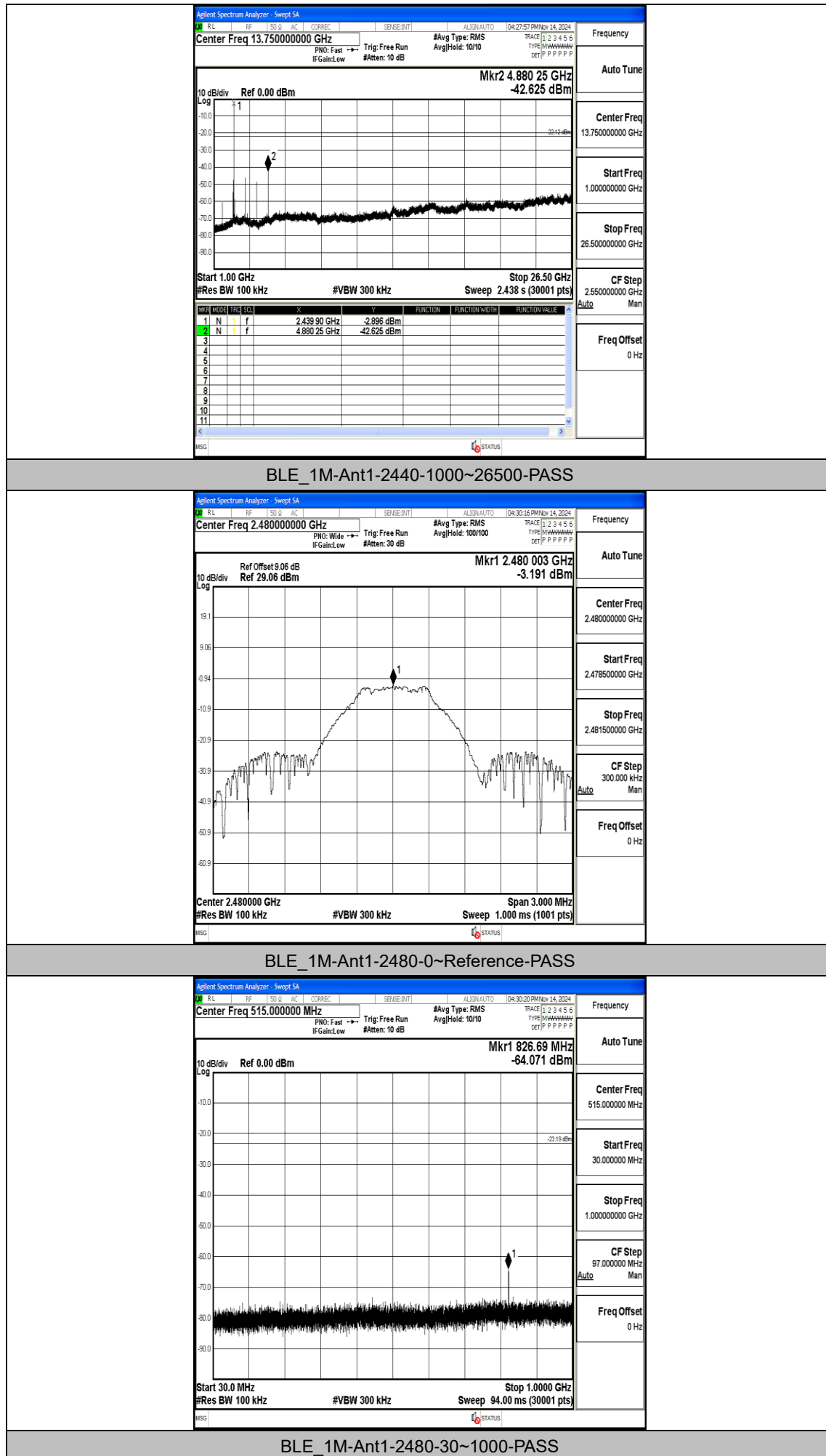
Test Result

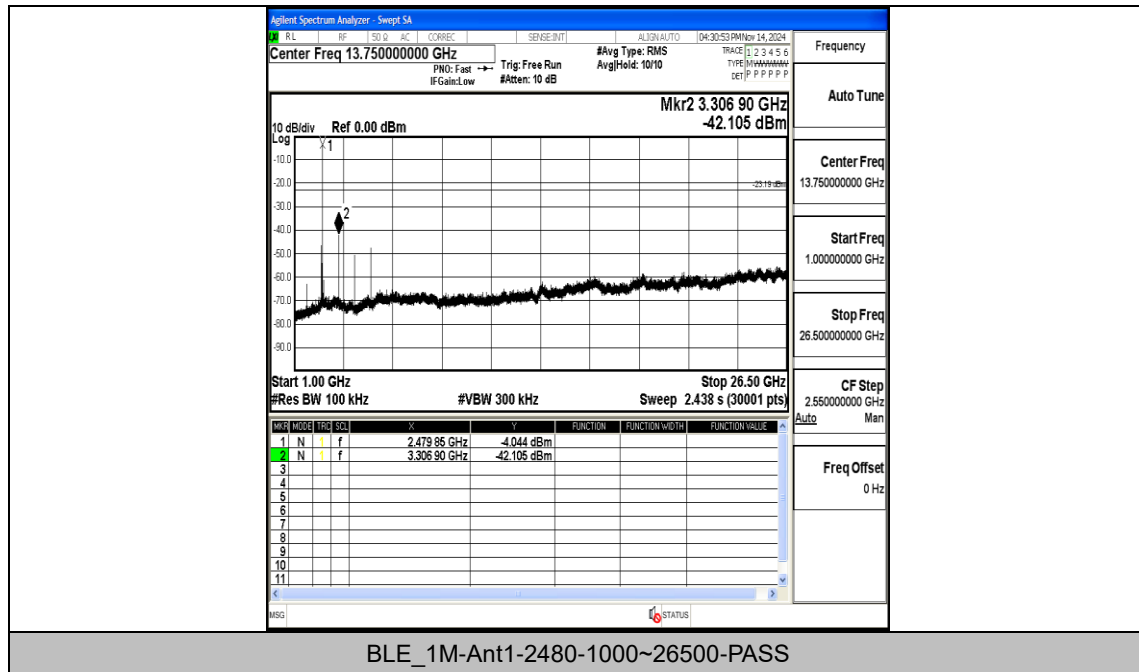
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.57	-1.57	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.57	-64.25	≤-21.57	PASS
BLE_1M	Ant1	2402	1000~26500	-1.57	-40.59	≤-21.57	PASS
BLE_1M	Ant1	2440	0~Reference	-2.12	-2.12	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.12	-63.83	≤-22.12	PASS
BLE_1M	Ant1	2440	1000~26500	-2.12	-42.63	≤-22.12	PASS
BLE_1M	Ant1	2480	0~Reference	-3.19	-3.19	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.19	-64.07	≤-23.19	PASS
BLE_1M	Ant1	2480	1000~26500	-3.19	-42.11	≤-23.19	PASS

Test Graphs









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	19.00	19.00	100.00	0.00
BLE_1M	Ant1	2440	19.00	19.00	100.00	0.00
BLE_1M	Ant1	2480	19.00	19.00	100.00	0.00

Test Graphs

