

Appendix Test Data for BLE (Conducted Measurement)

Product Name: short video remote controller& Self-timer

Trade Mark: Qring

Test Model: D06

FCC ID: 2A66I-D06

Environmental Conditions

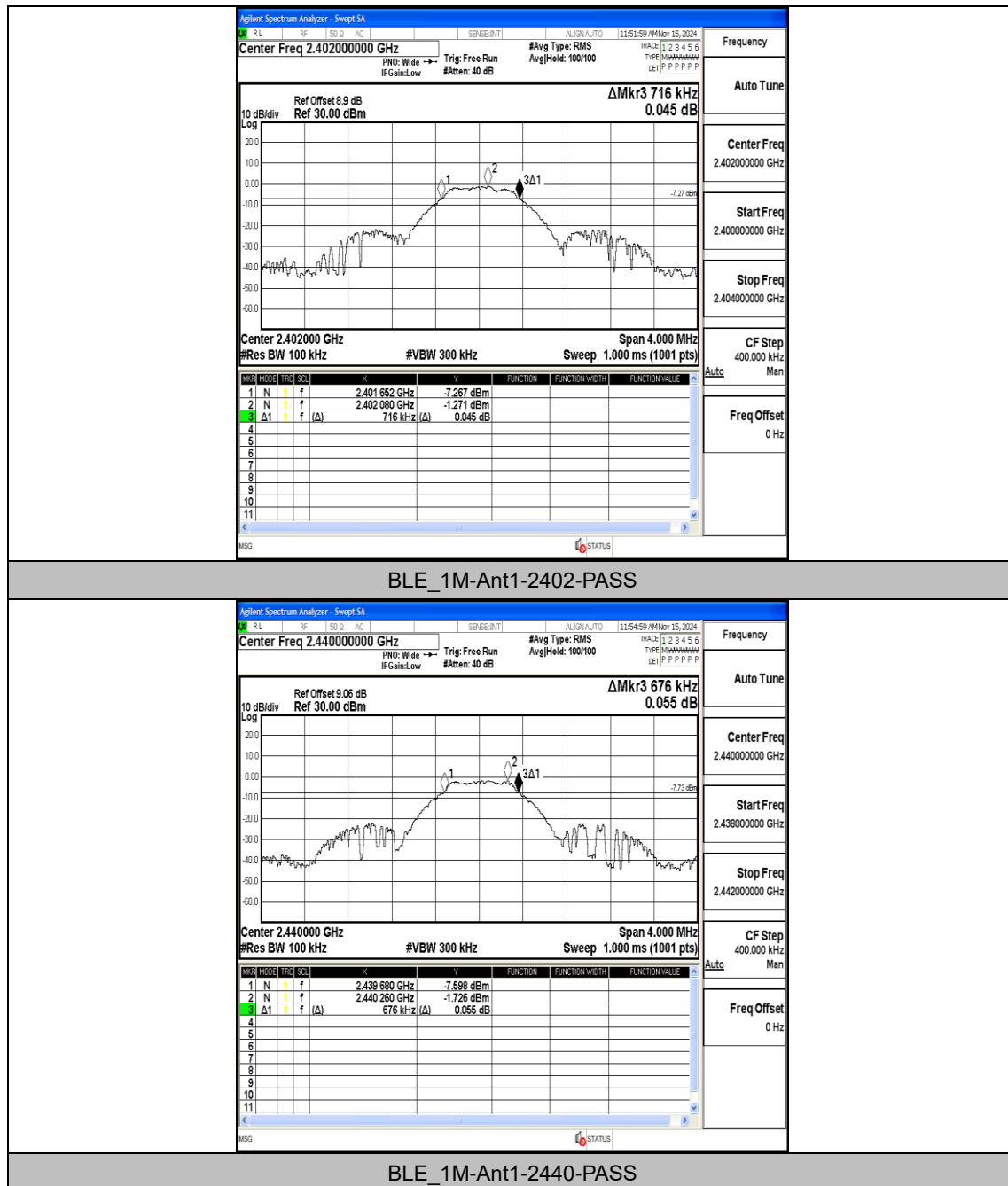
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

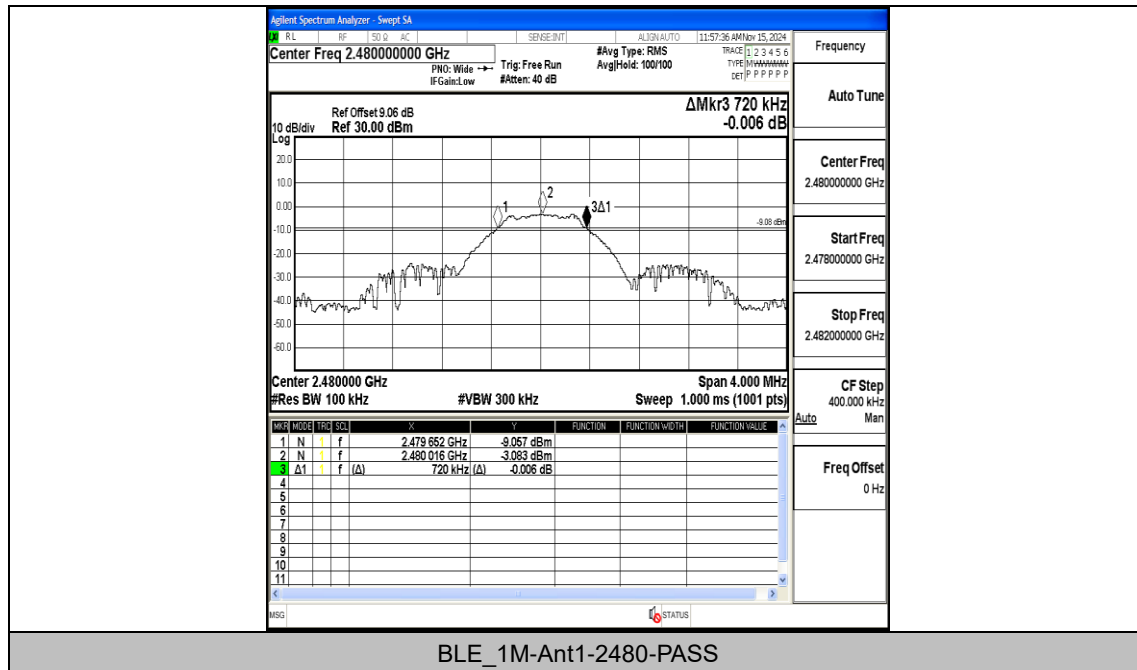
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.716	2401.652	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.676	2439.680	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.720	2479.652	2480.372	0.5	PASS

Test Graphs



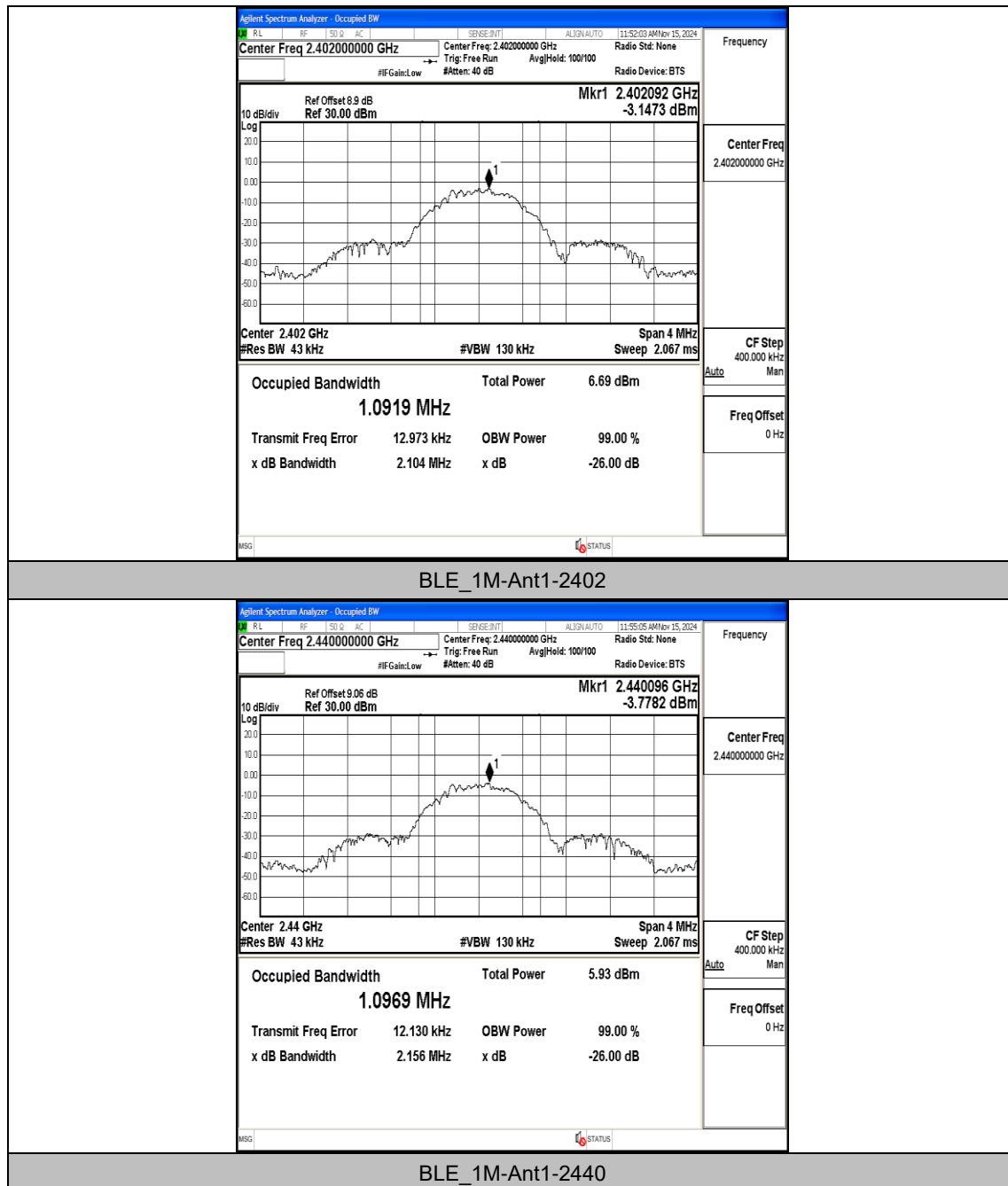


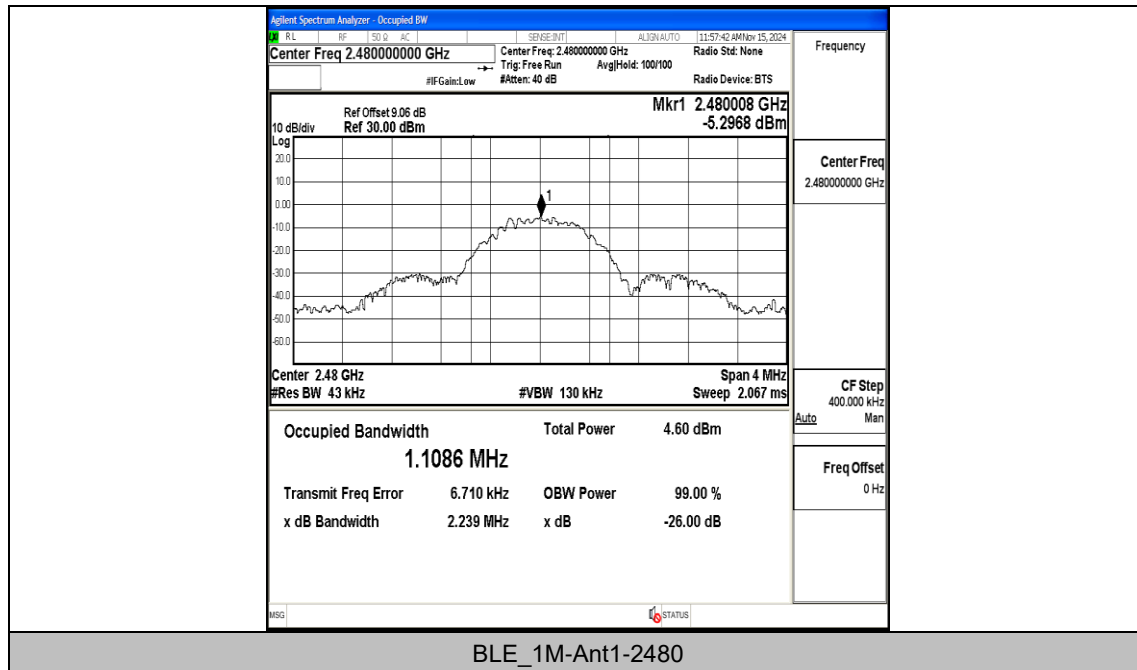
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0919	2401.4670	2402.5589	---	---
BLE_1M	Ant1	2440	1.0969	2439.4637	2440.5606	---	---
BLE_1M	Ant1	2480	1.1086	2479.4524	2480.5610	---	---

Test Graphs



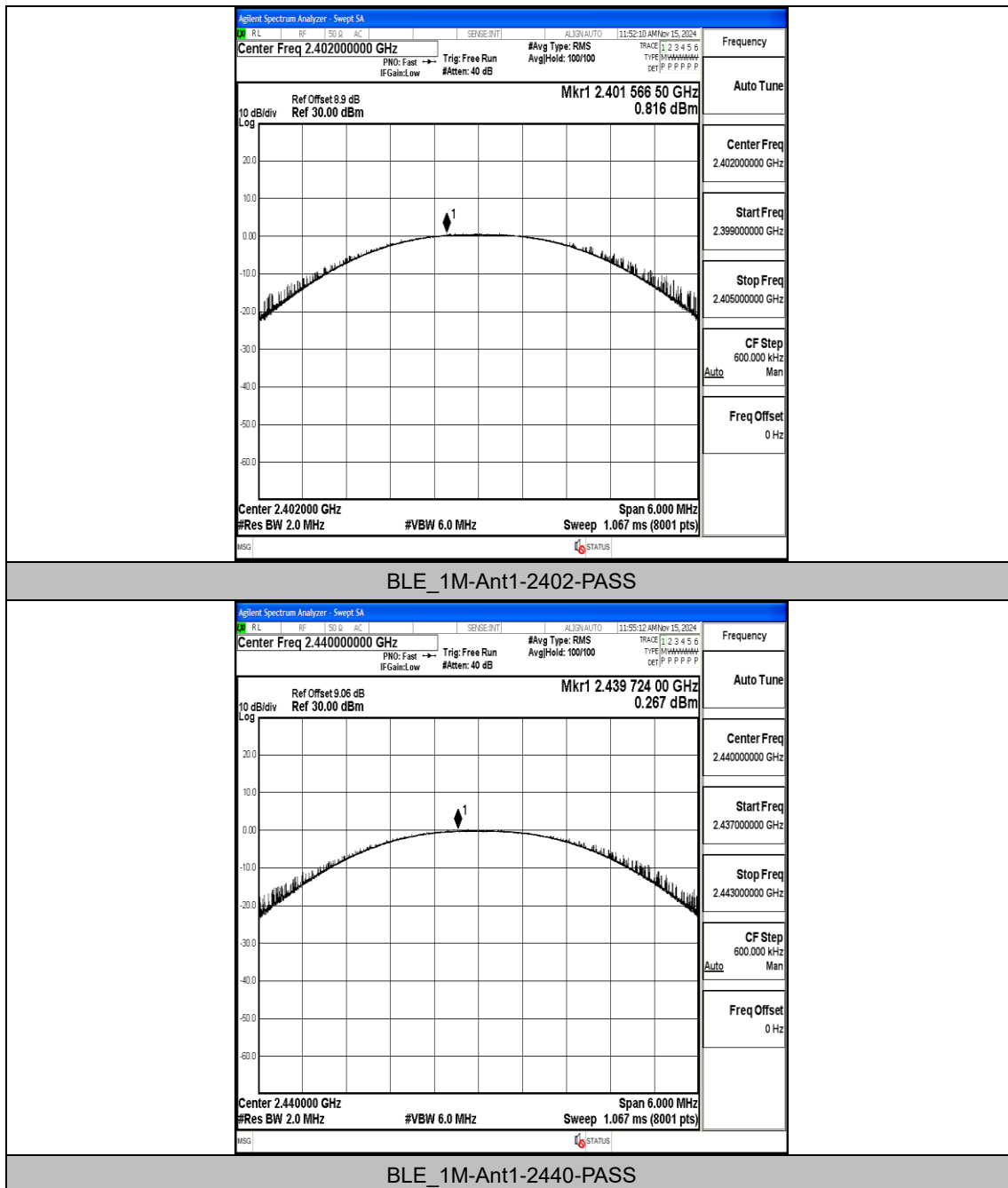


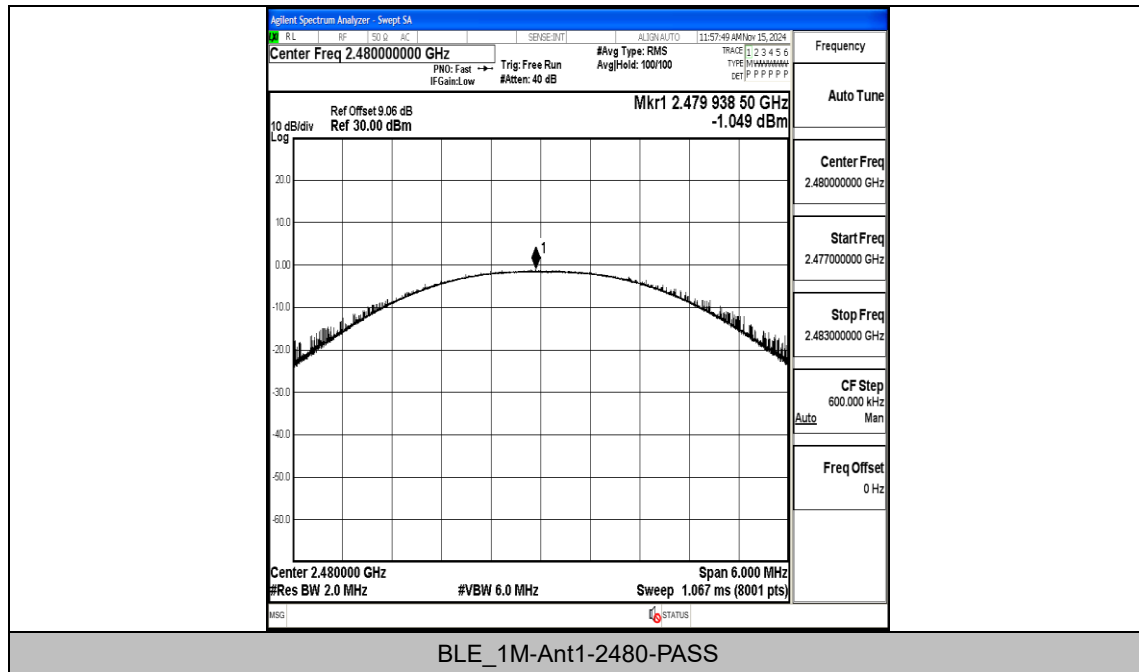
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0.82	≤30	PASS
BLE_1M	Ant1	2440	0.27	≤30	PASS
BLE_1M	Ant1	2480	-1.05	≤30	PASS

Test Graphs Peak



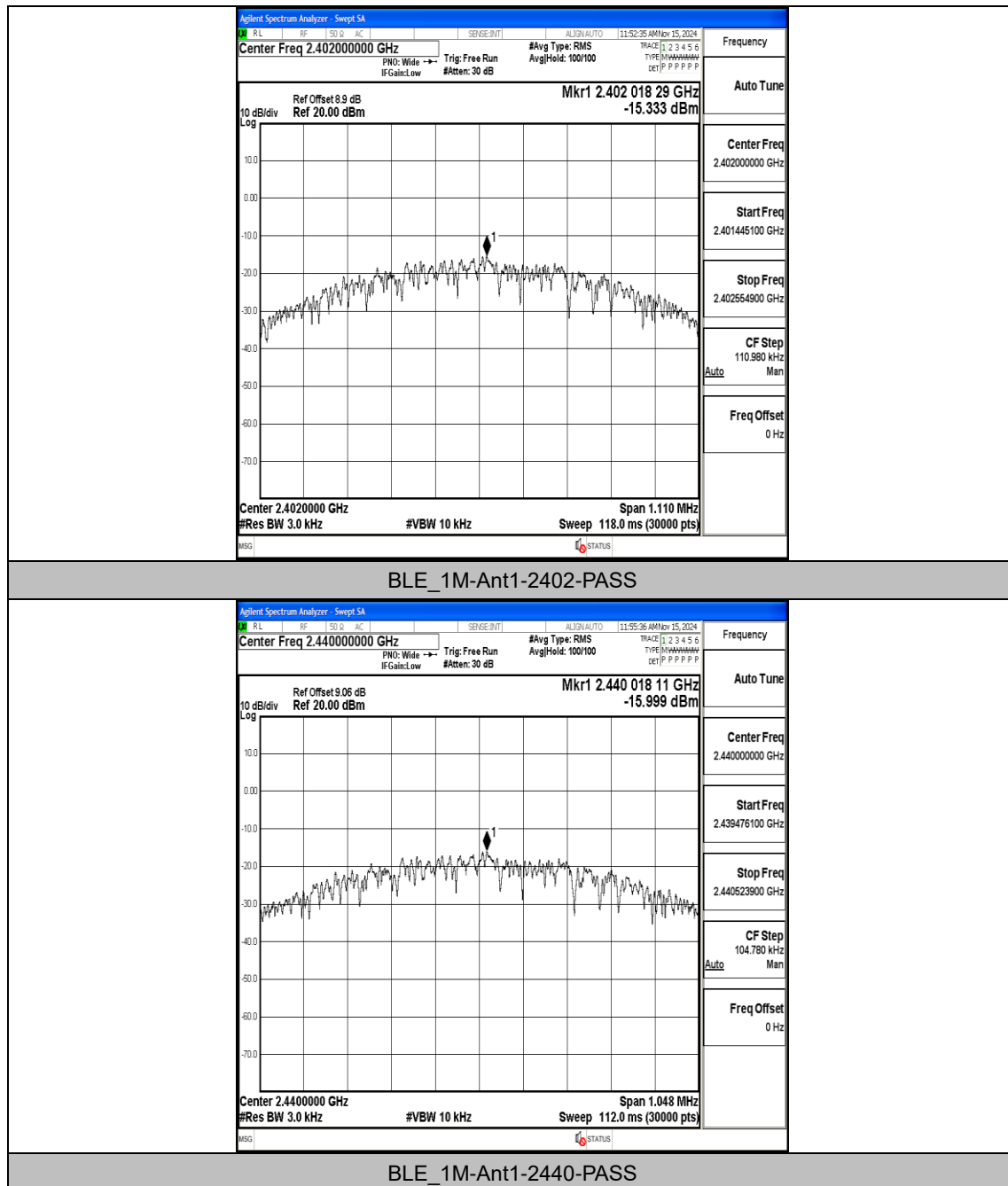


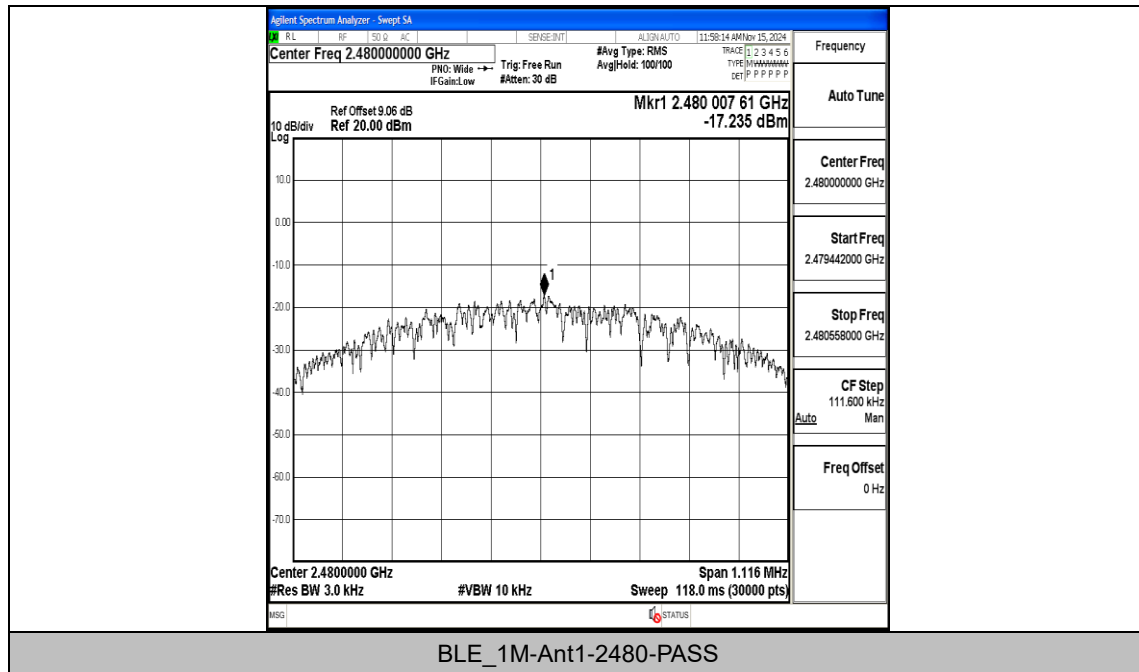
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.33	≤8.00	PASS
BLE_1M	Ant1	2440	-16.00	≤8.00	PASS
BLE_1M	Ant1	2480	-17.24	≤8.00	PASS

Test Graphs



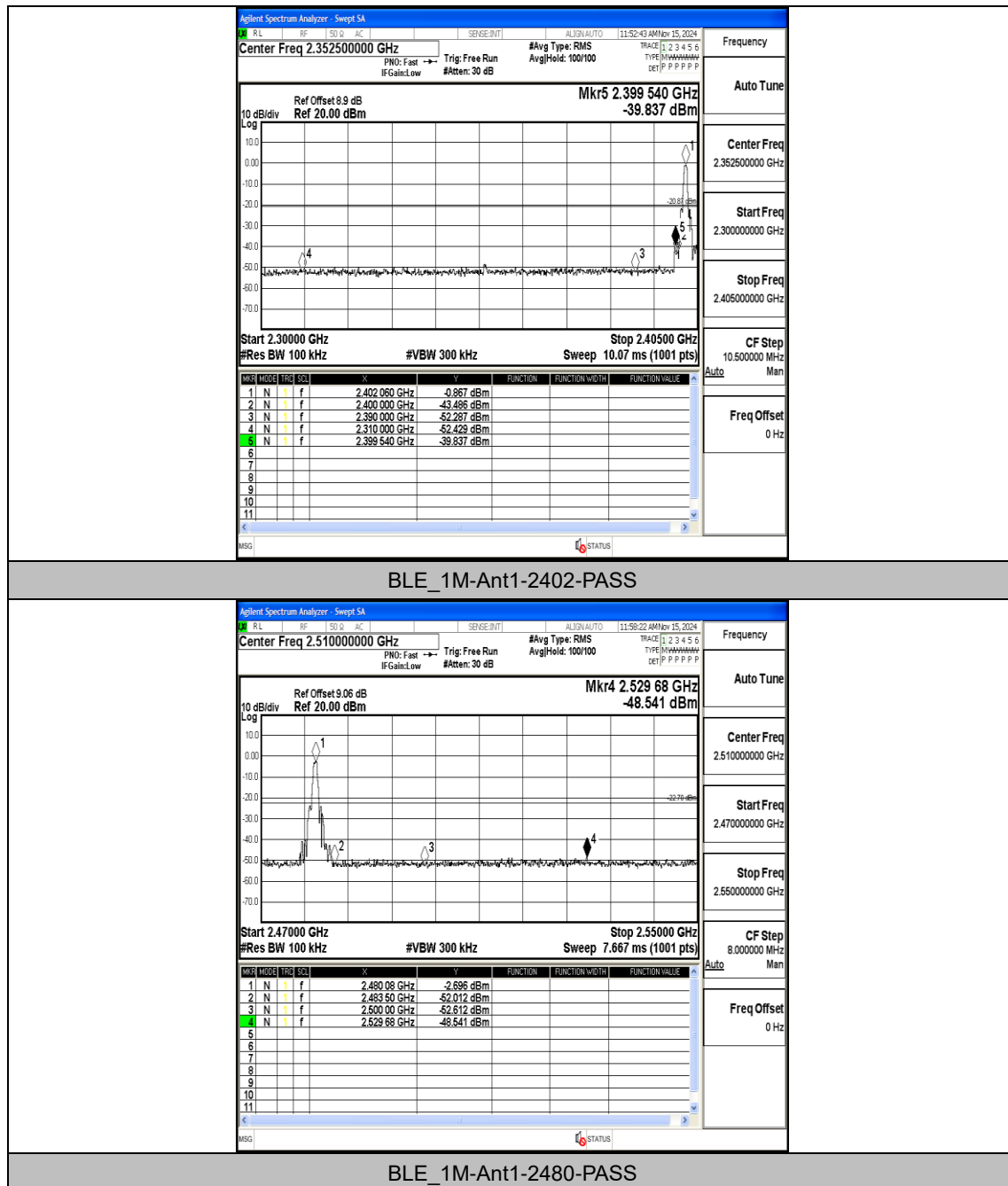


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.87	-39.84	≤ -20.87	PASS
BLE_1M	Ant1	High	2480	-2.70	-48.54	≤ -22.7	PASS

Test Graphs

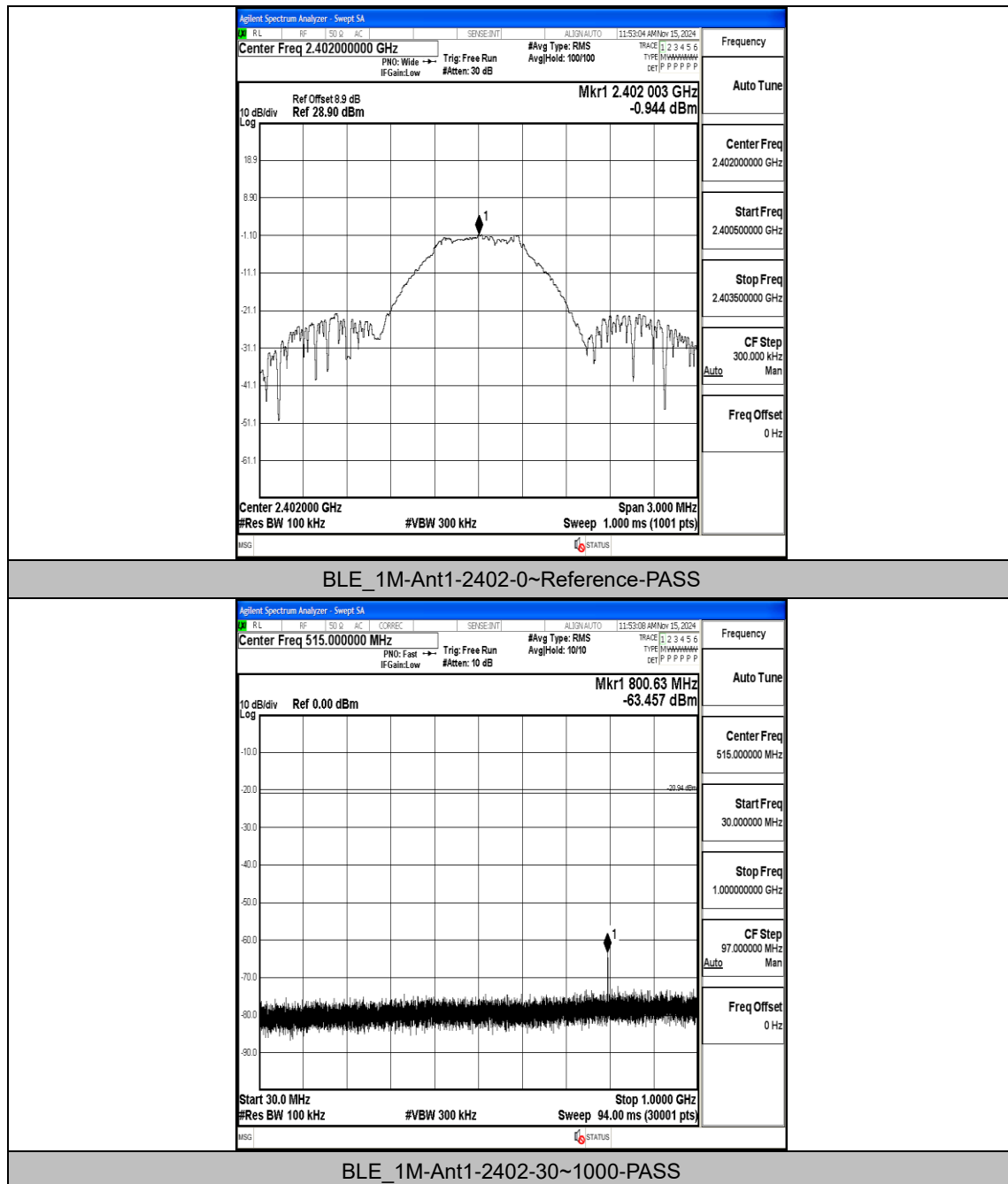


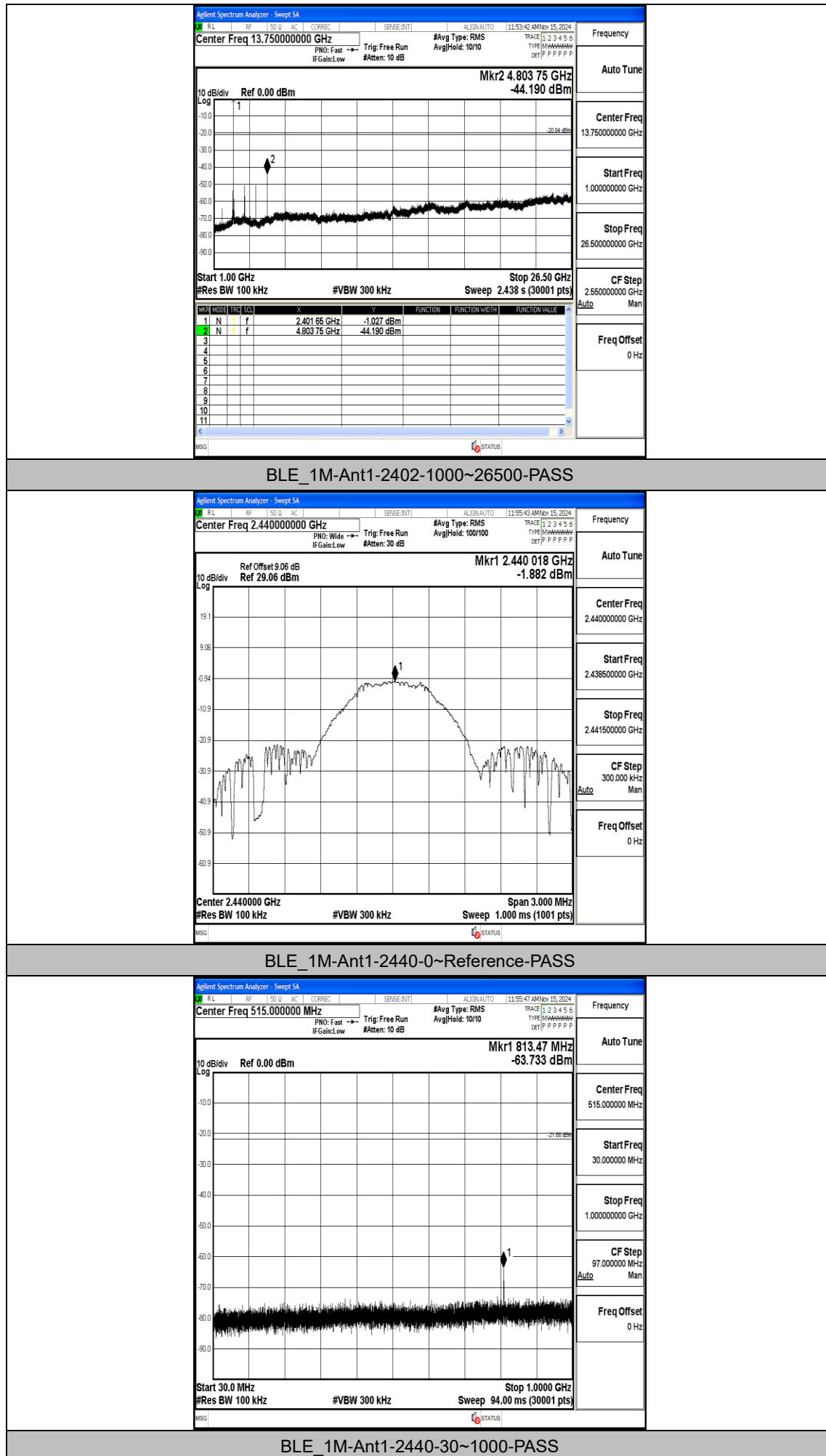
Appendix F: Conducted Spurious Emission

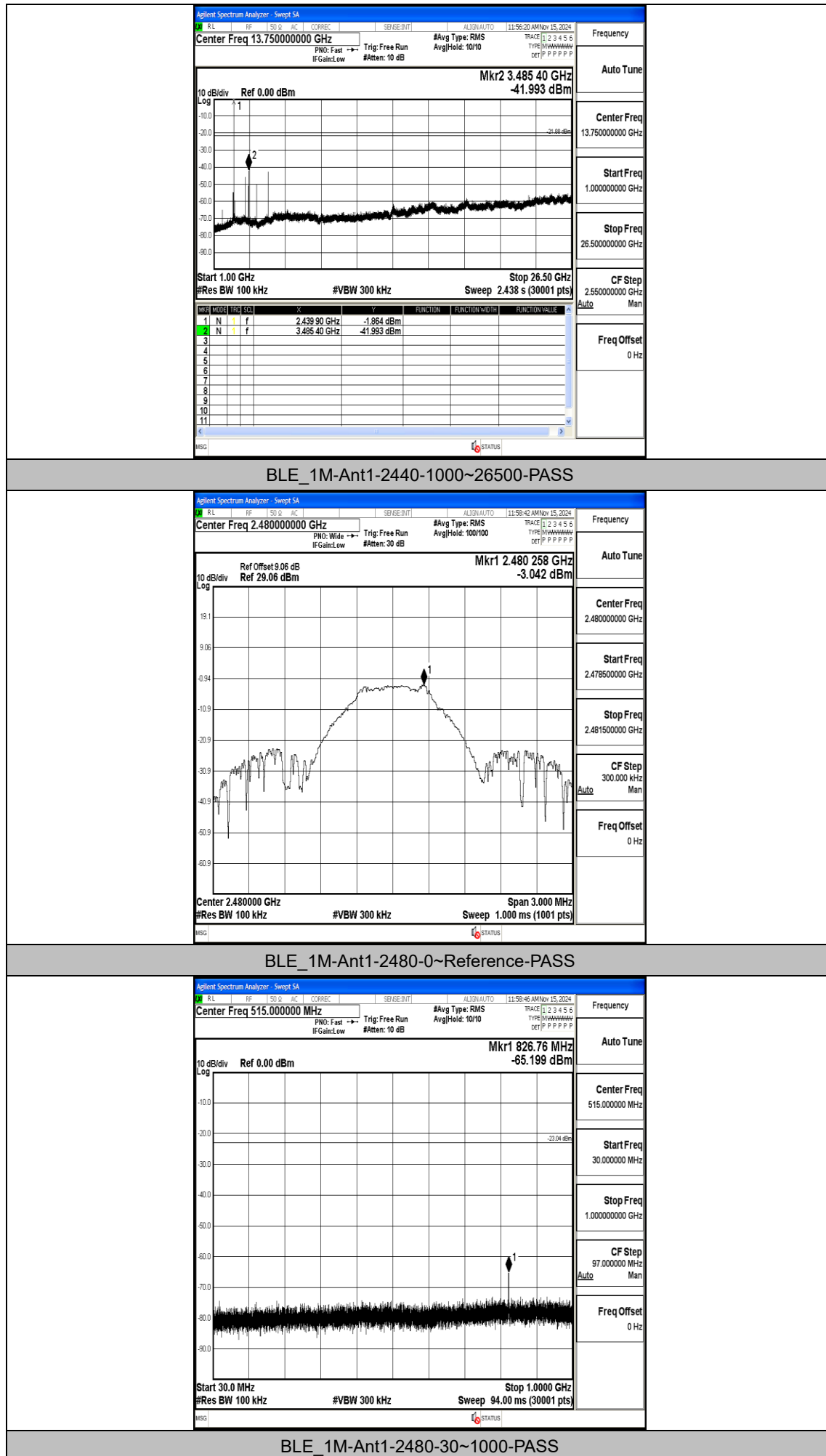
Test Result

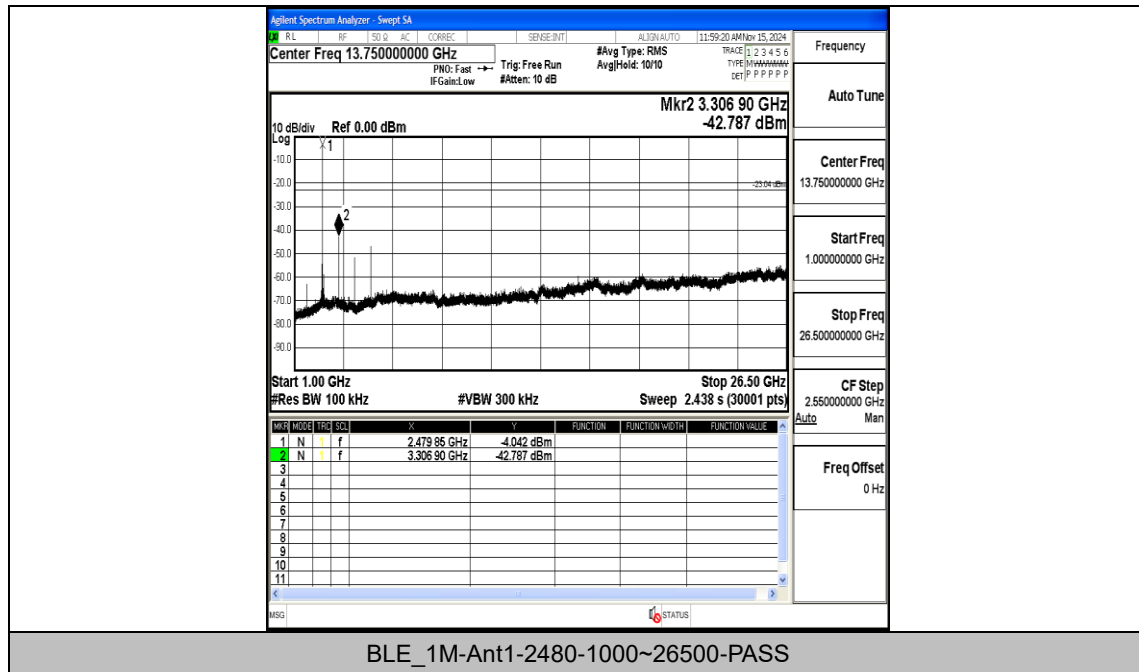
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.94	-0.94	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.94	-63.46	≤-20.94	PASS
BLE_1M	Ant1	2402	1000~26500	-0.94	-44.19	≤-20.94	PASS
BLE_1M	Ant1	2440	0~Reference	-1.88	-1.88	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.88	-63.73	≤-21.88	PASS
BLE_1M	Ant1	2440	1000~26500	-1.88	-41.99	≤-21.88	PASS
BLE_1M	Ant1	2480	0~Reference	-3.04	-3.04	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.04	-65.2	≤-23.04	PASS
BLE_1M	Ant1	2480	1000~26500	-3.04	-42.79	≤-23.04	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

