

Appendix Test Data for BLE (Conducted Measurement)

Product Name: Remote control

Trade Mark: N/A

Test Model: Q19

FCC ID: 2ASXW-Q19RC

Environmental Conditions

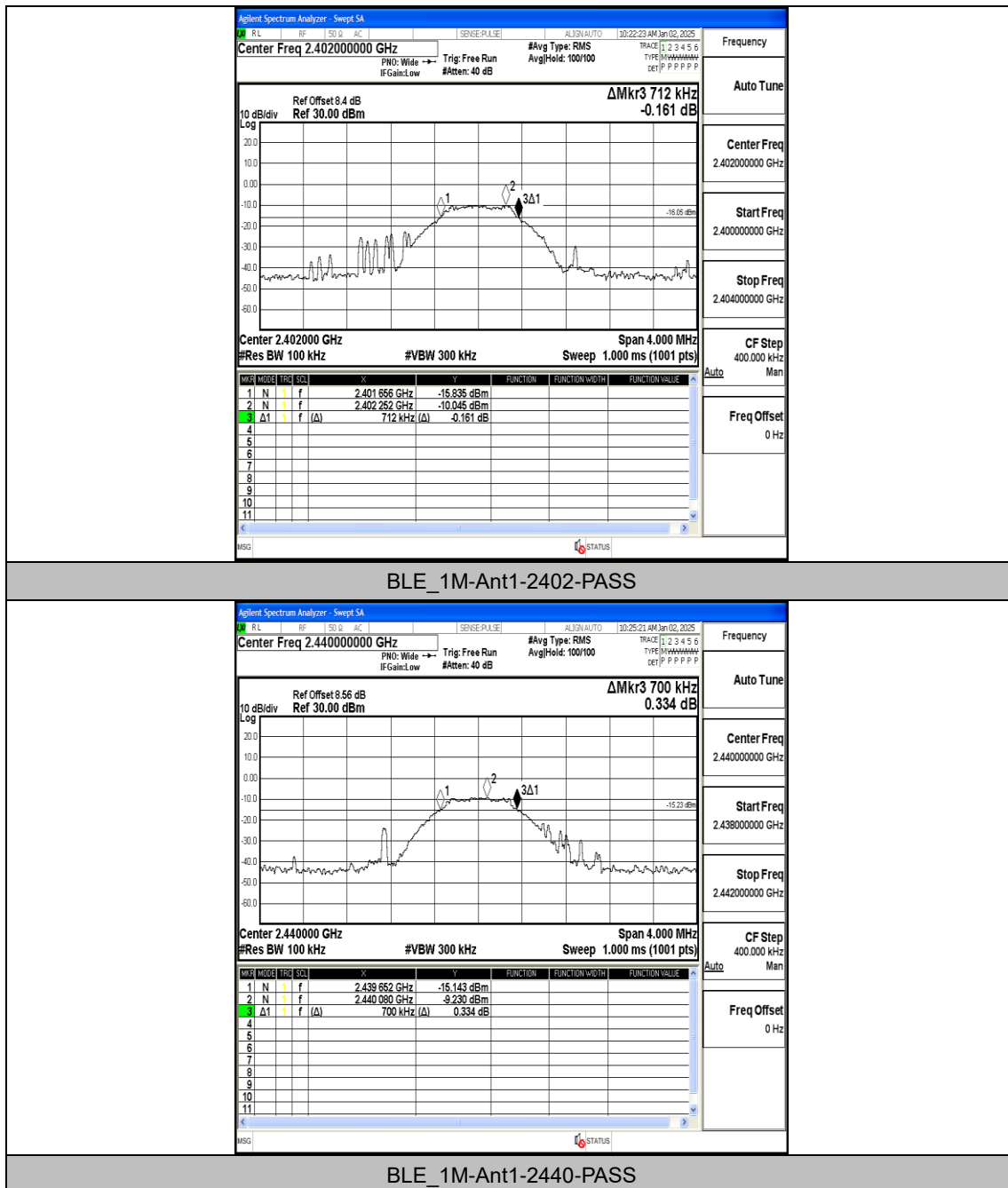
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

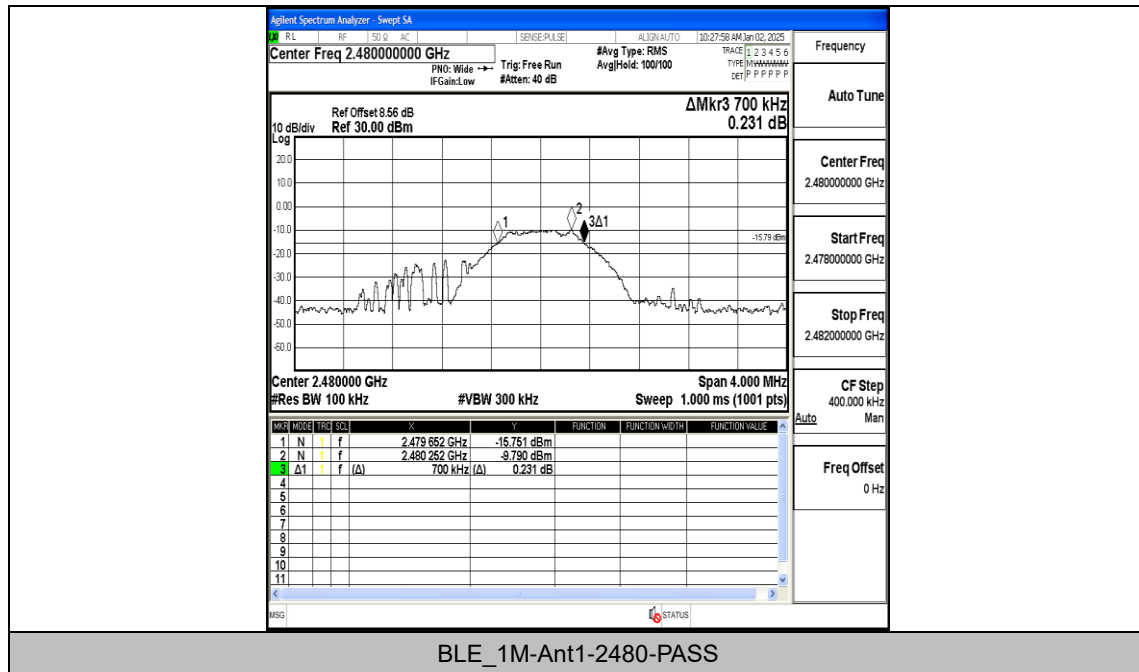
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.656	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.652	2440.352	0.5	PASS
BLE_1M	Ant1	2480	0.700	2479.652	2480.352	0.5	PASS

Test Graphs



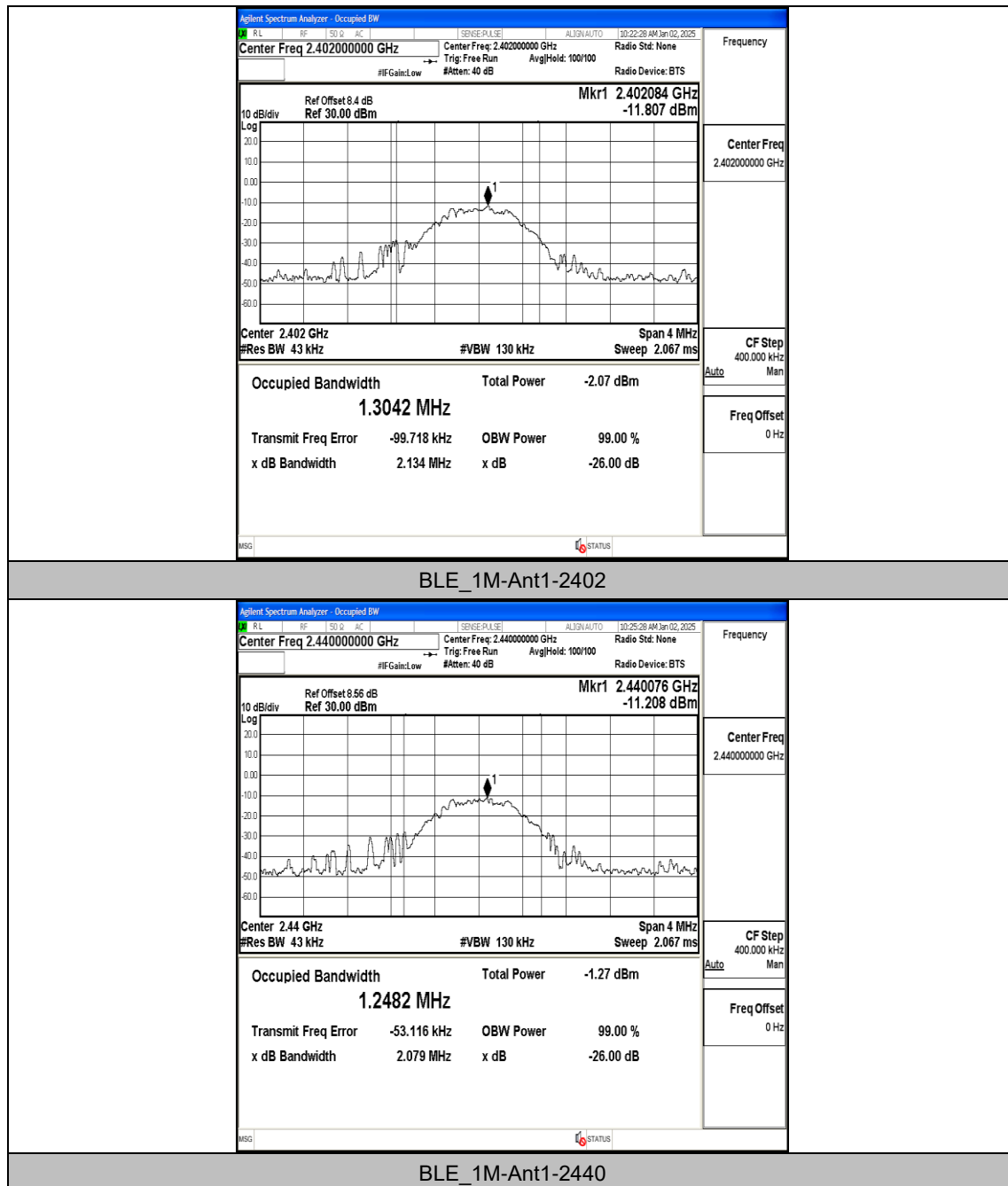


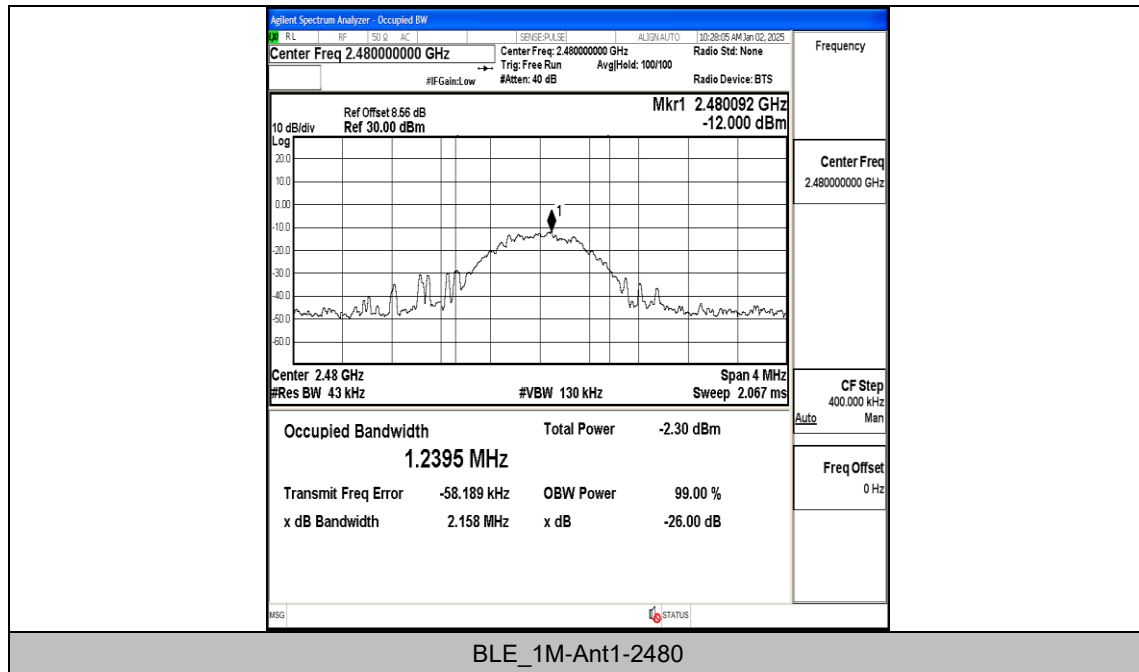
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.3042	2401.2482	2402.5524	---	---
BLE_1M	Ant1	2440	1.2482	2439.3228	2440.5710	---	---
BLE_1M	Ant1	2480	1.2395	2479.3221	2480.5616	---	---

Test Graphs



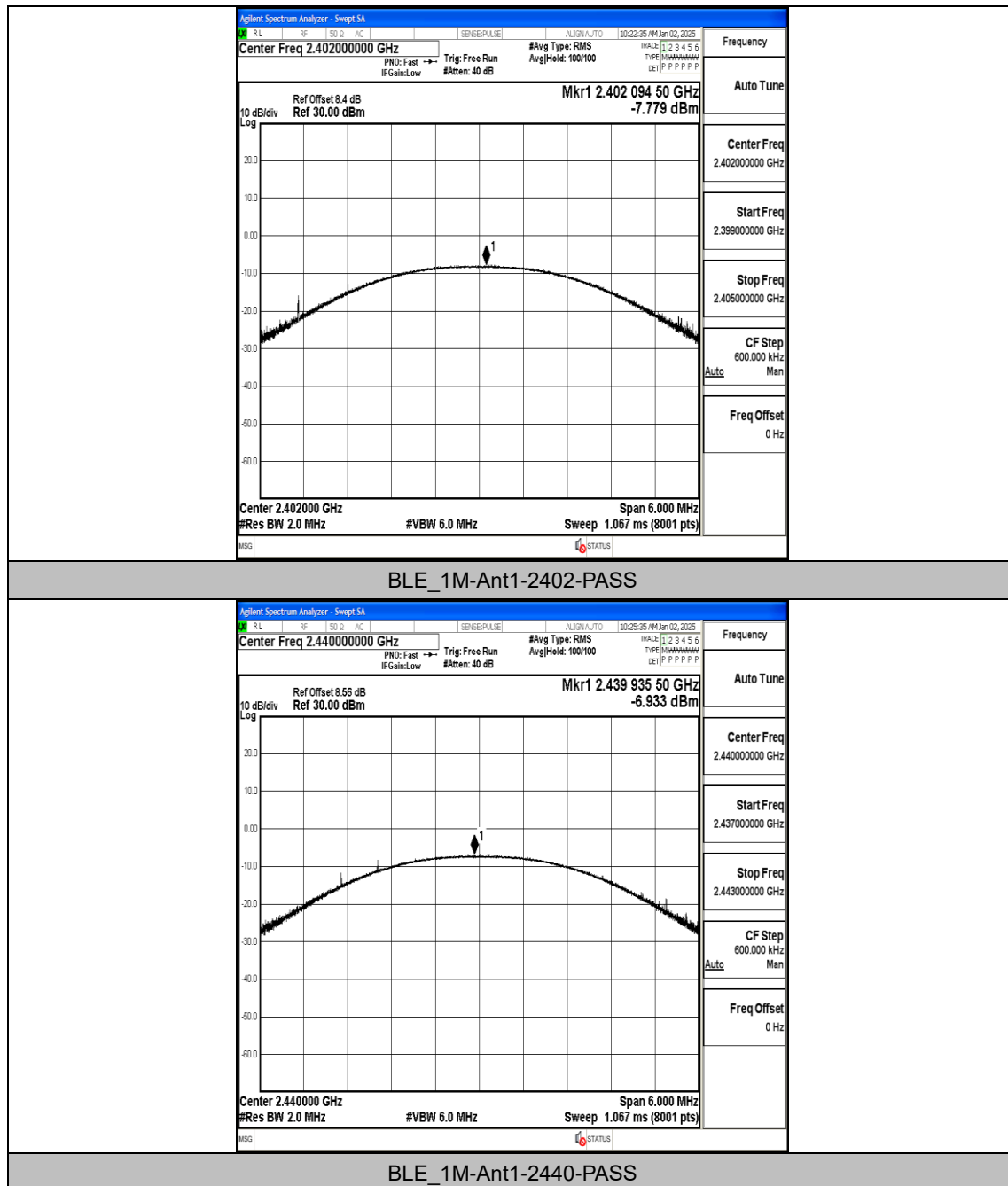


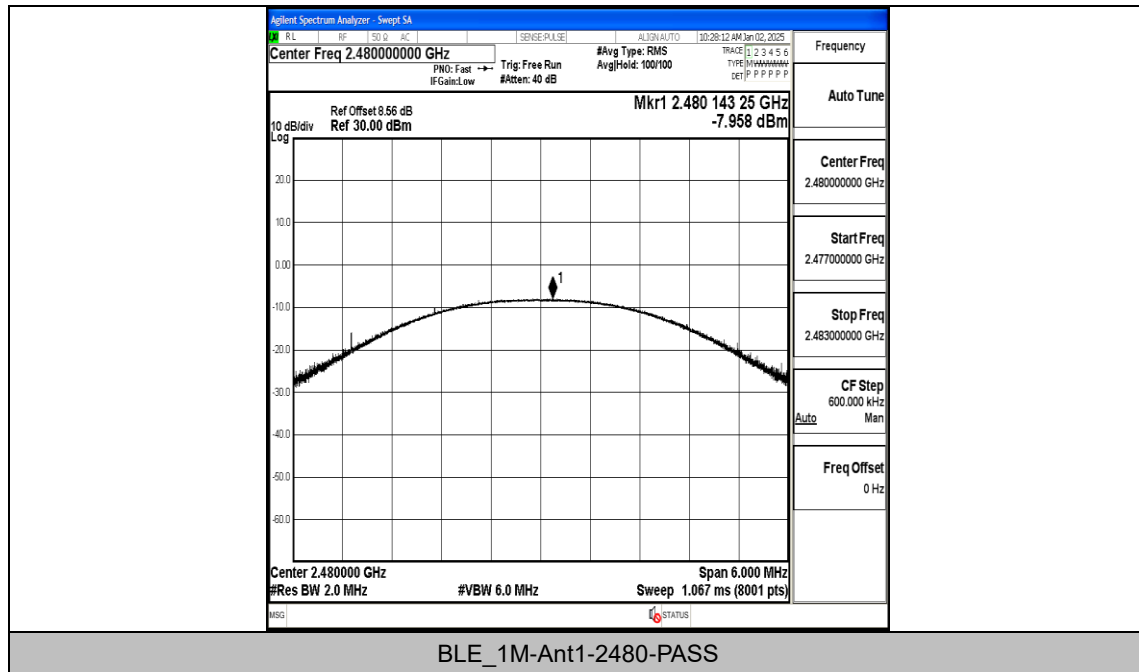
Appendix C: Maximum peak conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	-7.78	≤30	PASS
BLE_1M	Ant1	2440	-6.93	≤30	PASS
BLE_1M	Ant1	2480	-7.96	≤30	PASS

Test Graphs Peak



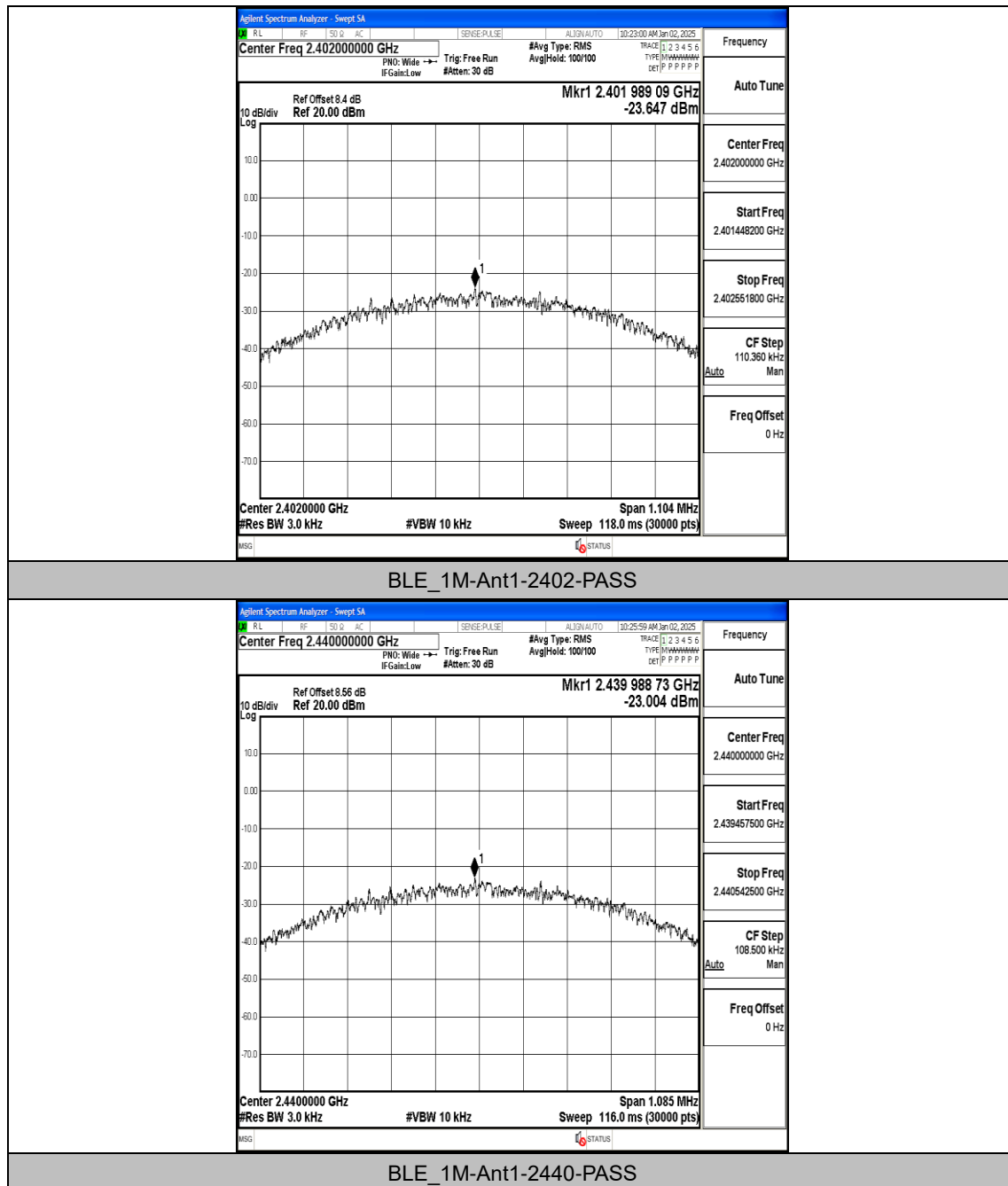


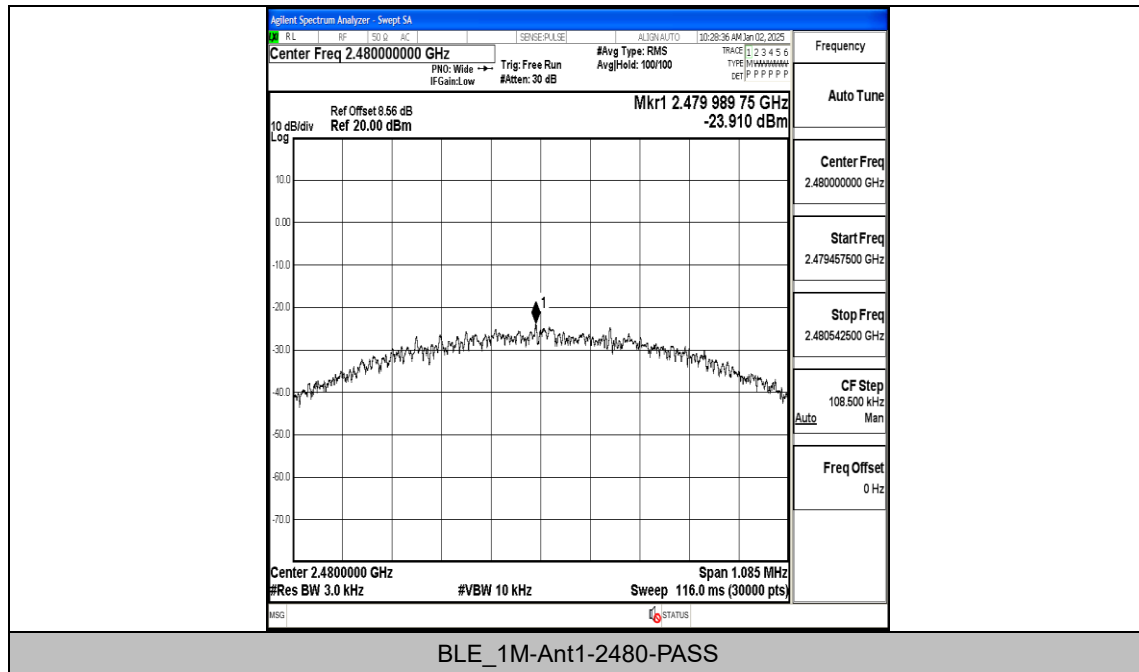
Appendix D: Maximum peak power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-23.65	≤8.00	PASS
BLE_1M	Ant1	2440	-23.00	≤8.00	PASS
BLE_1M	Ant1	2480	-23.91	≤8.00	PASS

Test Graphs



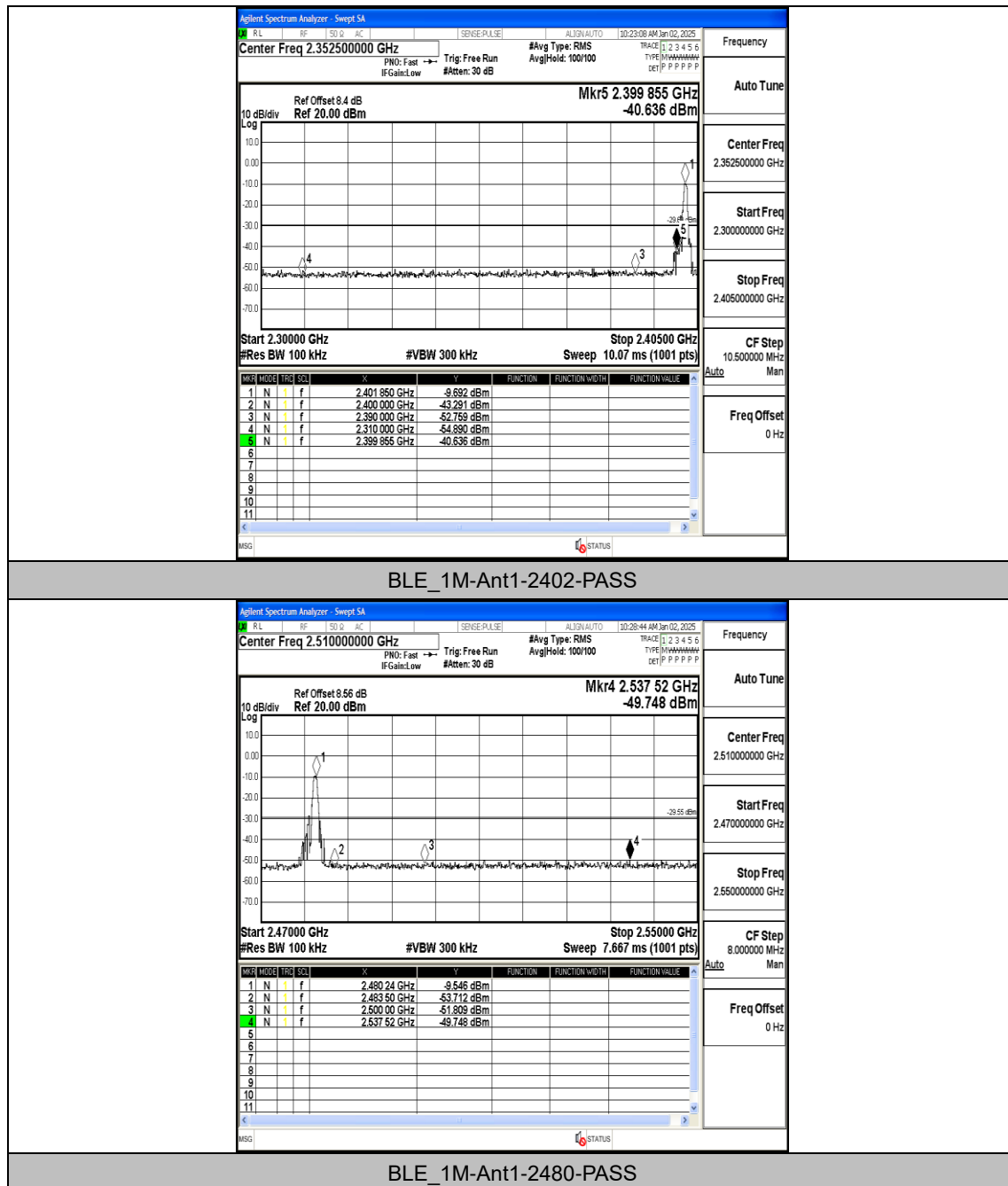


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-9.69	-40.64	≤ -29.69	PASS
BLE_1M	Ant1	High	2480	-9.55	-49.75	≤ -29.55	PASS

Test Graphs

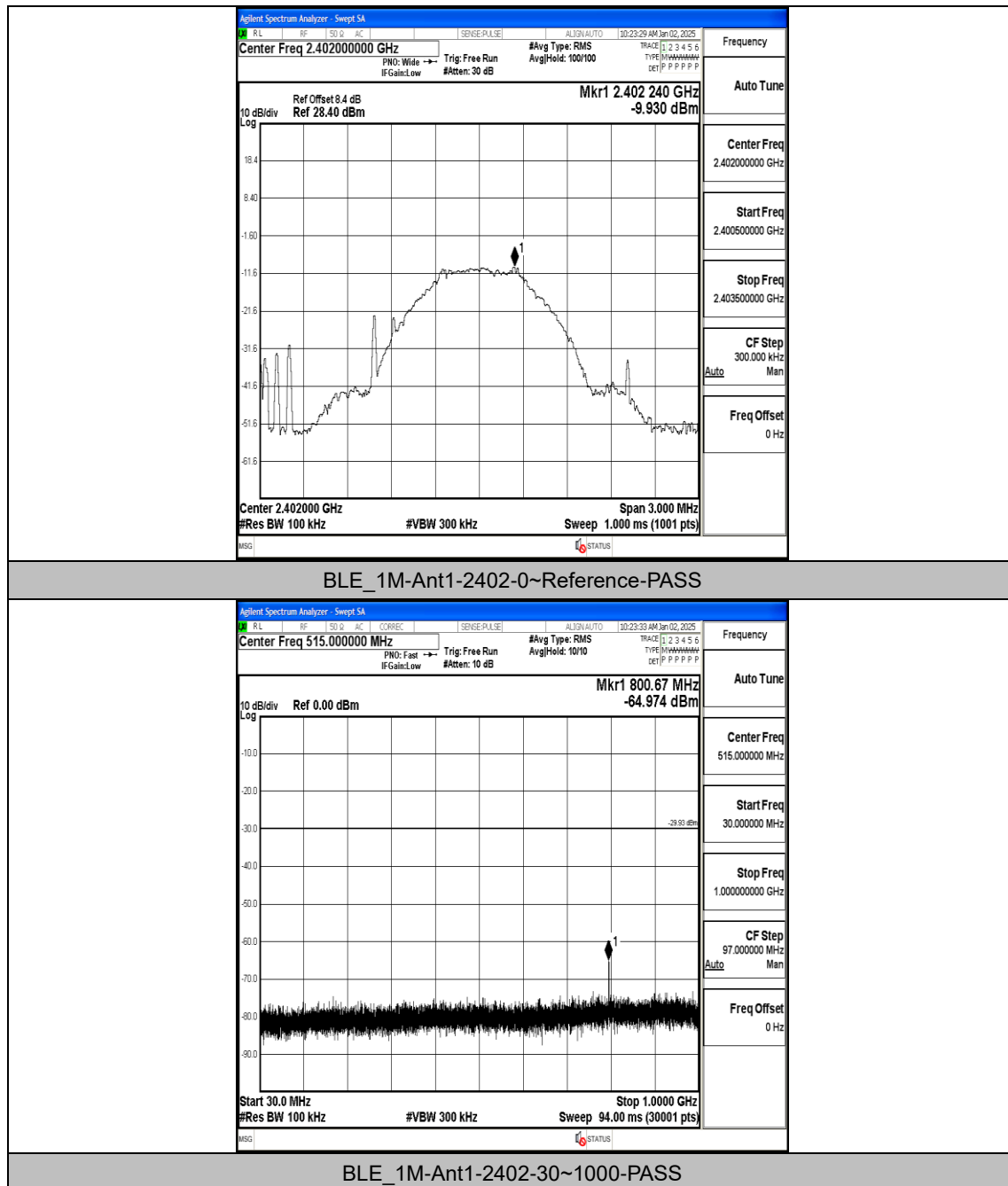


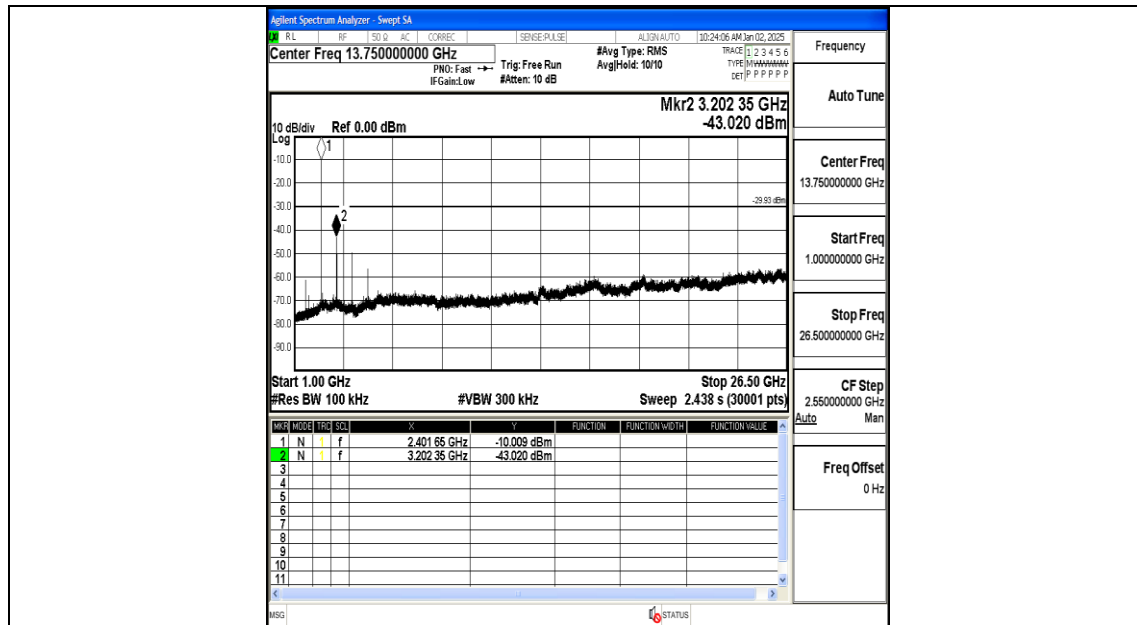
Appendix F: Conducted Spurious Emission

Test Result

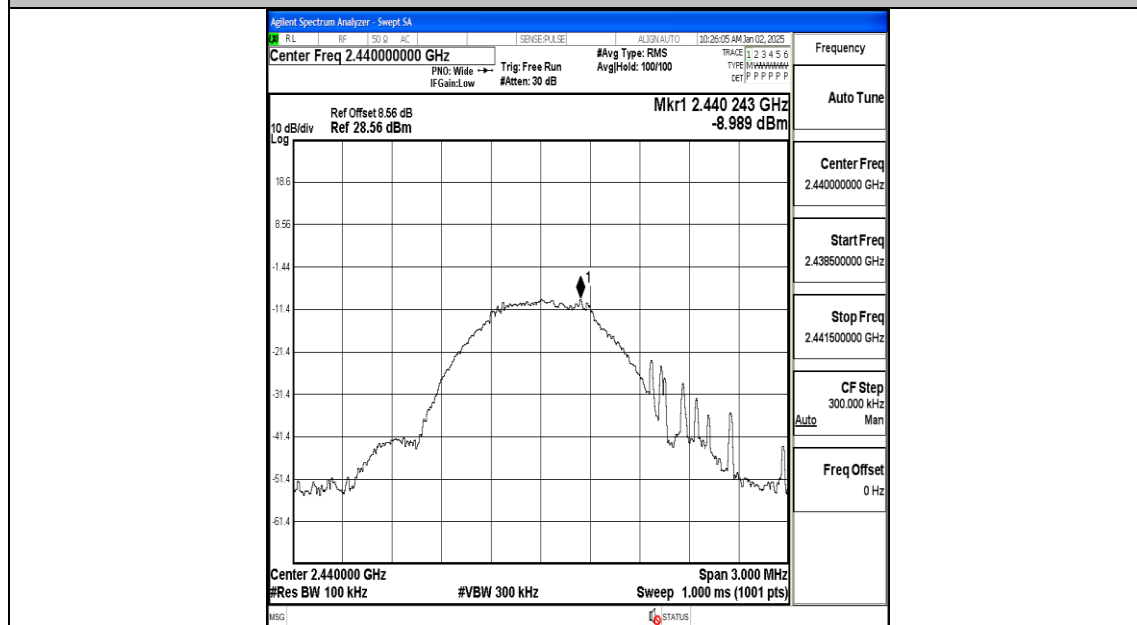
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-9.93	-9.93	---	PASS
BLE_1M	Ant1	2402	30~1000	-9.93	-64.97	≤-29.93	PASS
BLE_1M	Ant1	2402	1000~26500	-9.93	-43.02	≤-29.93	PASS
BLE_1M	Ant1	2440	0~Reference	-8.99	-8.99	---	PASS
BLE_1M	Ant1	2440	30~1000	-8.99	-62.36	≤-28.99	PASS
BLE_1M	Ant1	2440	1000~26500	-8.99	-43.36	≤-28.99	PASS
BLE_1M	Ant1	2480	0~Reference	-9.89	-9.89	---	PASS
BLE_1M	Ant1	2480	30~1000	-9.89	-64.01	≤-29.89	PASS
BLE_1M	Ant1	2480	1000~26500	-9.89	-45.9	≤-29.89	PASS

Test Graphs

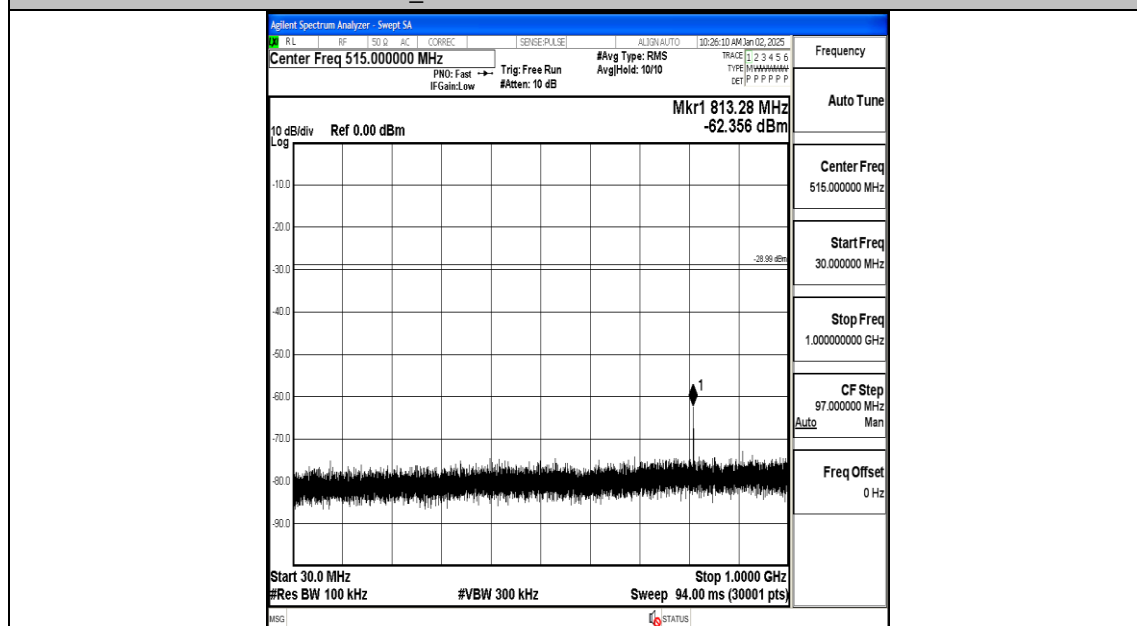




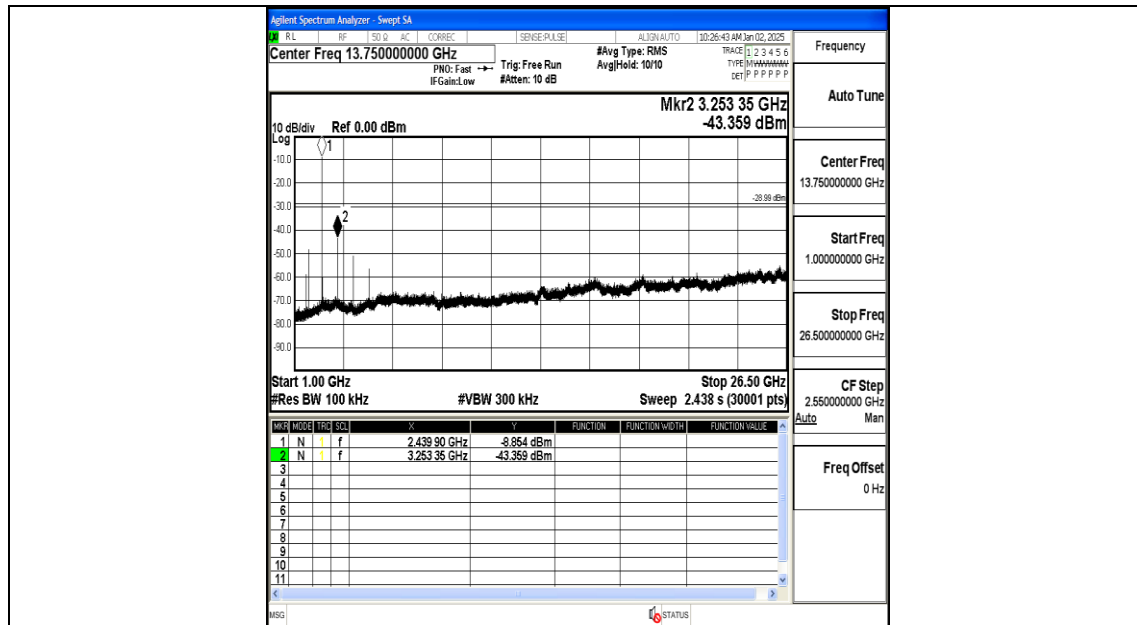
BLE_1M-Ant1-2402-1000~26500-PASS



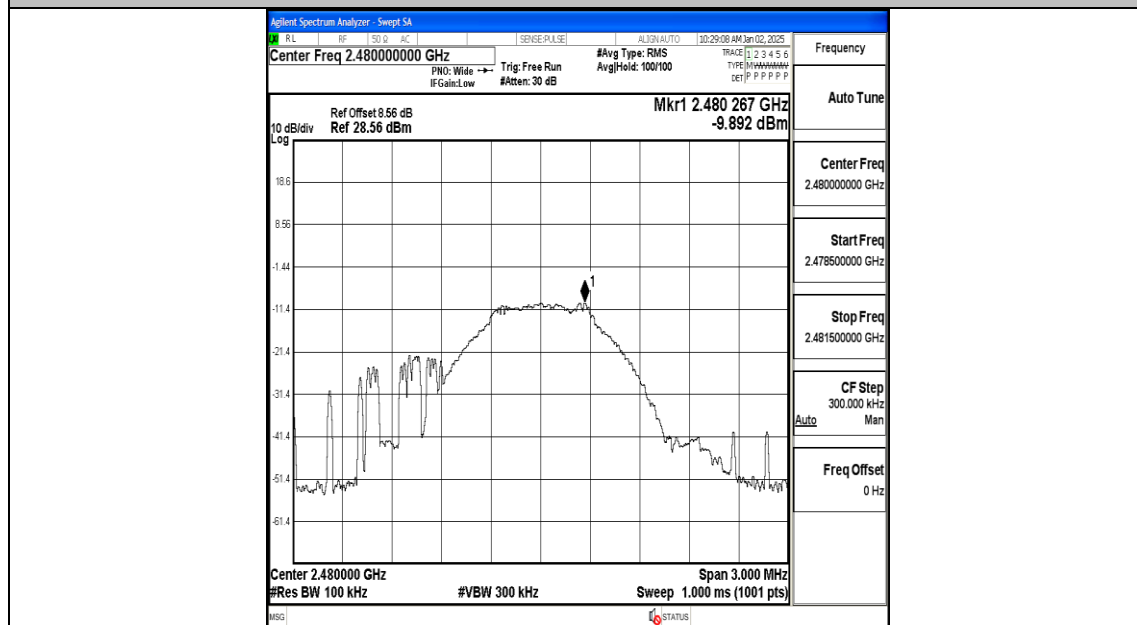
BLE_1M-Ant1-2440-0~Reference-PASS



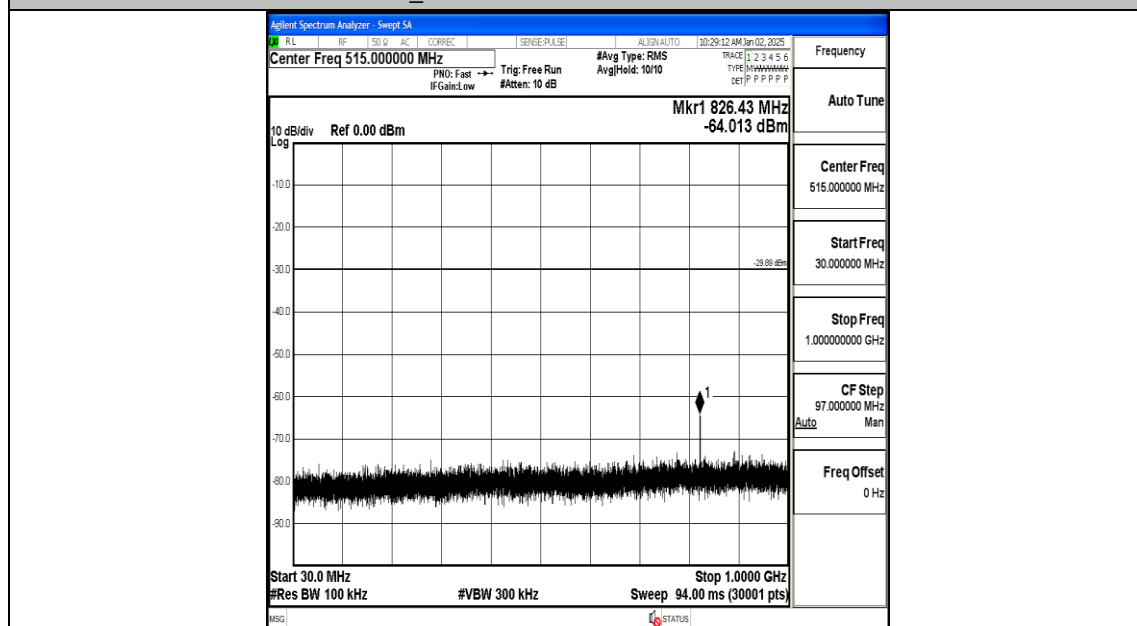
BLE_1M-Ant1-2440-30~1000-PASS



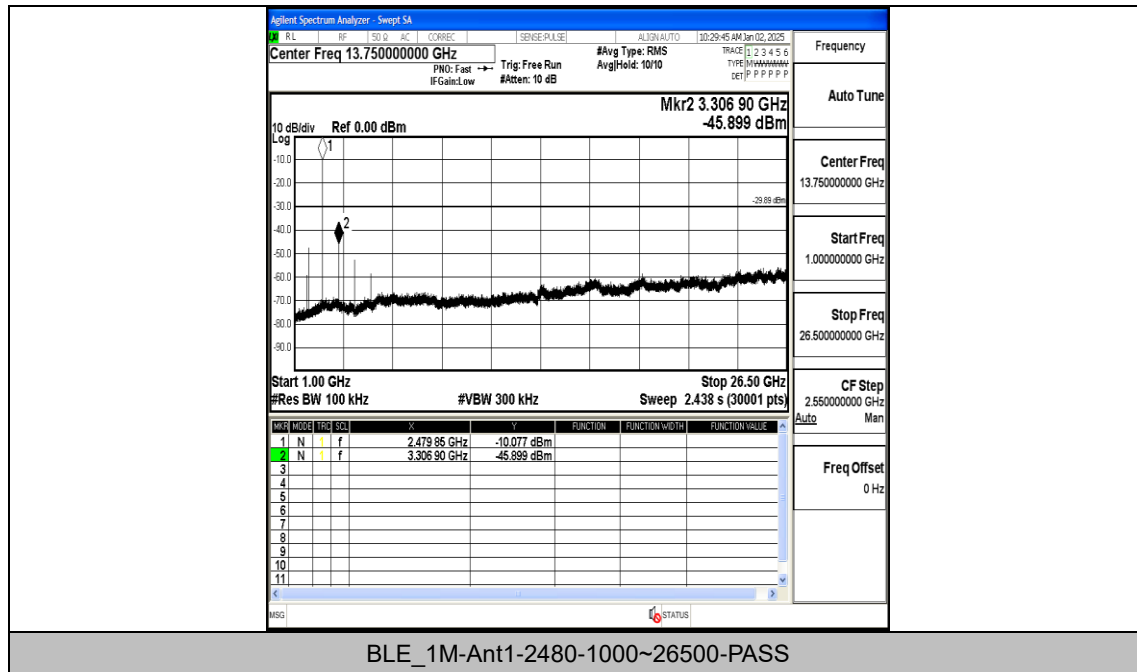
BLE_1M-Ant1-2440-1000~26500-PASS



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	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

