

Appendix for Bluetooth BLE Mode

Product Name: A4 PORTABLE HEAT TRANSFER PRINTER
Model No: XL-P808

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.752	2401.616	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.708	2439.640	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.696	2479.644	2480.340	0.5	PASS

Test Graphs

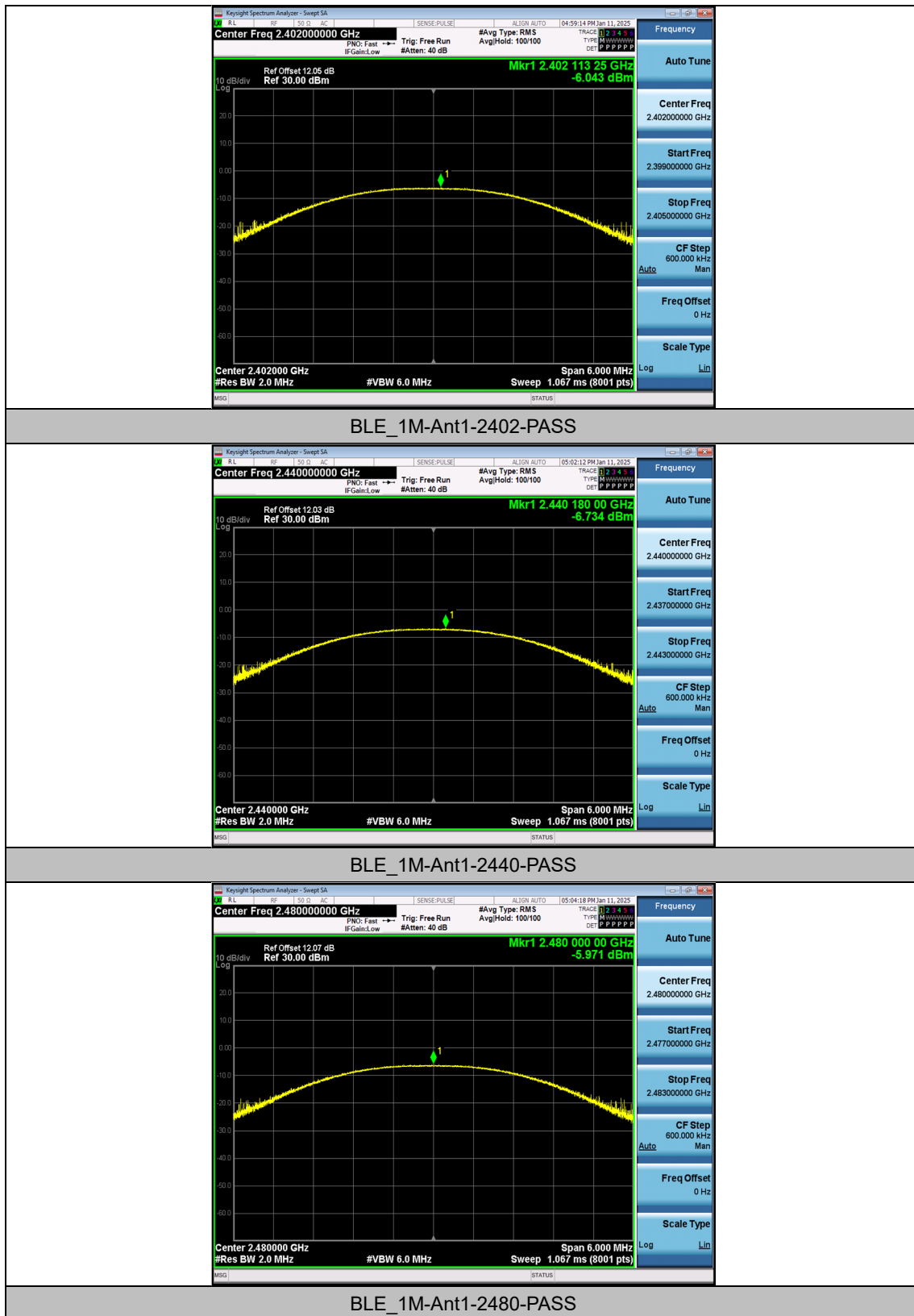


Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-6.04	≤30	PASS
BLE_1M	Ant1	2440	-6.73	≤30	PASS
BLE_1M	Ant1	2480	-5.97	≤30	PASS

Test Graphs Peak

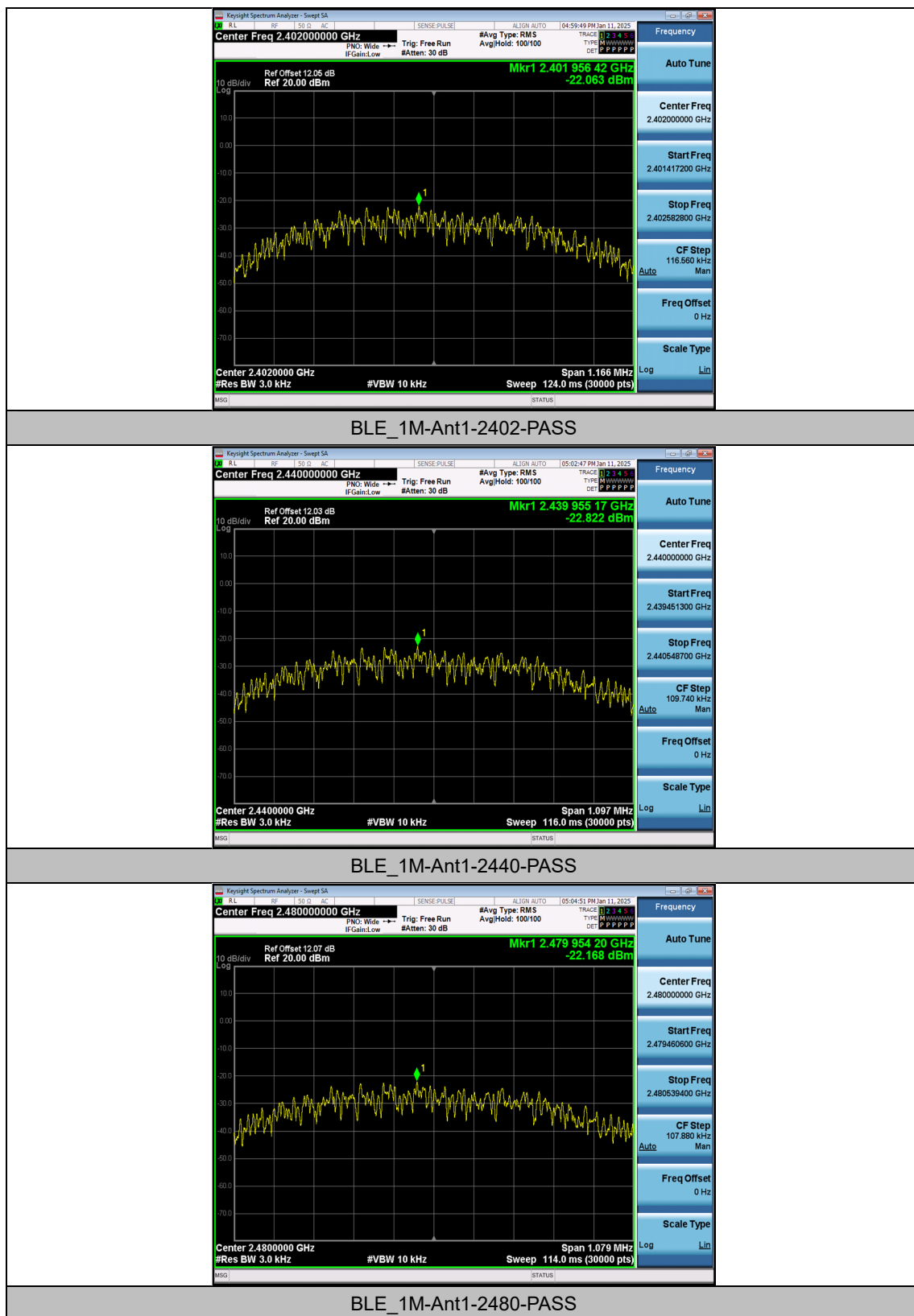


Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-22.06	≤8.00	PASS
BLE_1M	Ant1	2440	-22.82	≤8.00	PASS
BLE_1M	Ant1	2480	-22.17	≤8.00	PASS

Test Graphs

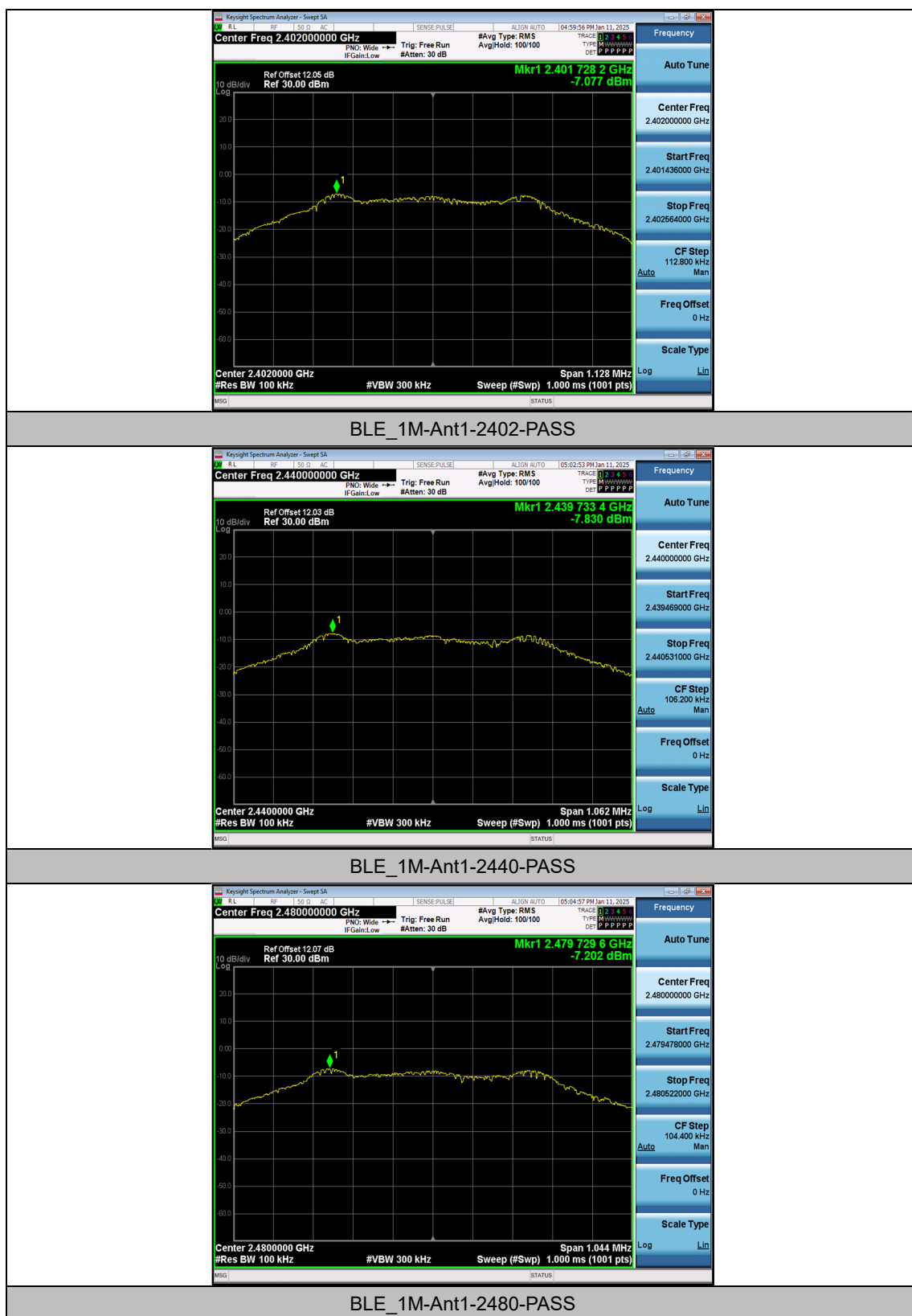


Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2401.73	-7.08
BLE_1M	Ant1	2440	2439.73	-7.83
BLE_1M	Ant1	2480	2479.73	-7.20

Test Graphs

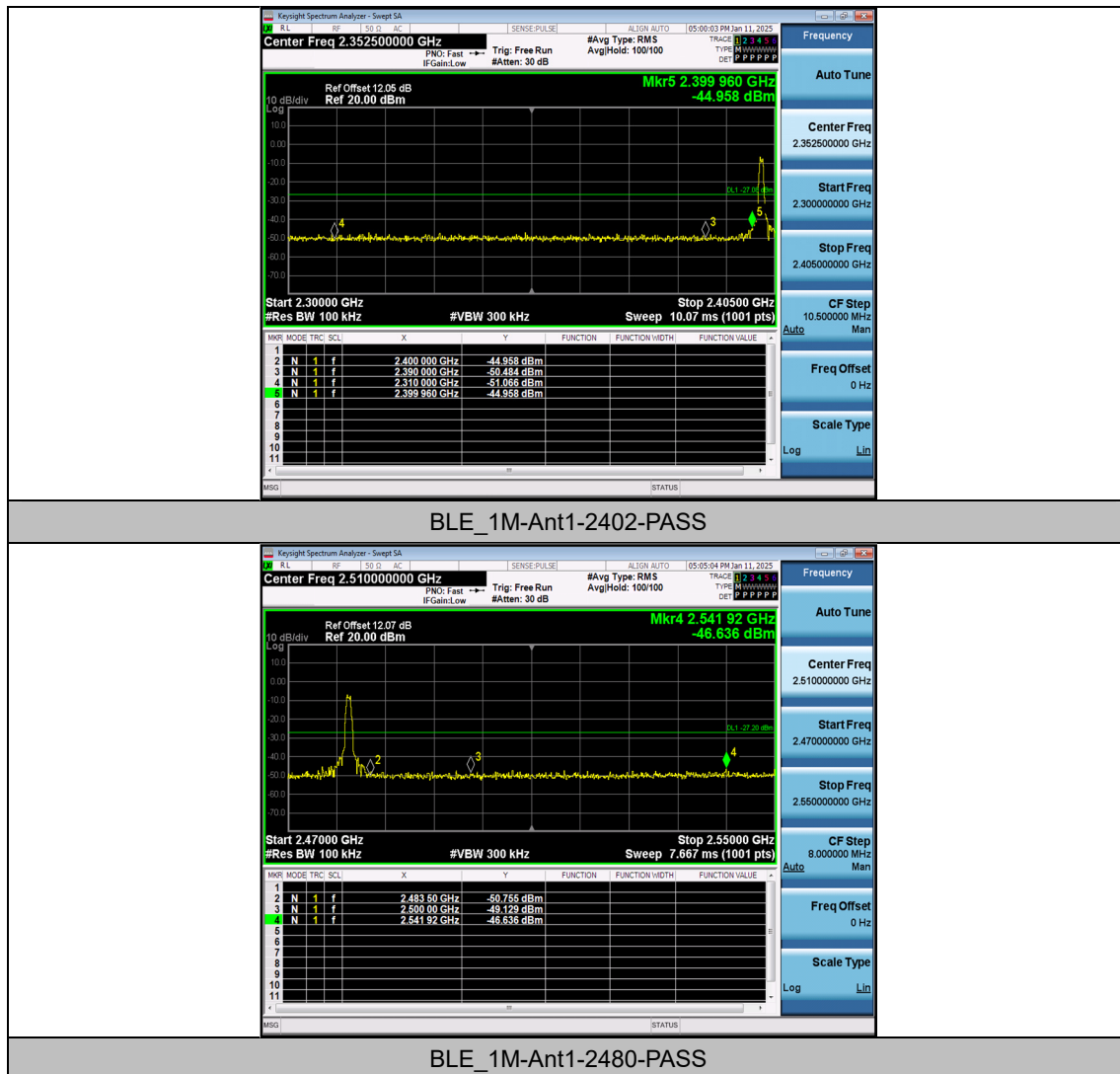


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-7.08	-44.96	≤-27.08	PASS
BLE_1M	Ant1	High	2480	-7.20	-46.64	≤-27.2	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~1000	-7.08	-58.89	≤-27.08	PASS
BLE_1M	Ant1	2402	1000~26500	-7.08	-44.15	≤-27.08	PASS
BLE_1M	Ant1	2440	30~1000	-7.83	-59.51	≤-27.83	PASS
BLE_1M	Ant1	2440	1000~26500	-7.83	-43.62	≤-27.83	PASS
BLE_1M	Ant1	2480	30~1000	-7.20	-58.99	≤-27.2	PASS
BLE_1M	Ant1	2480	1000~26500	-7.20	-43.91	≤-27.2	PASS

Test Graphs

