

Appendix for Bluetooth BLE mode

Product Name: Smart Watch

Model No: M66

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.664	2401.664	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.668	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.656	2479.676	2480.332	0.5	PASS

Test Graphs

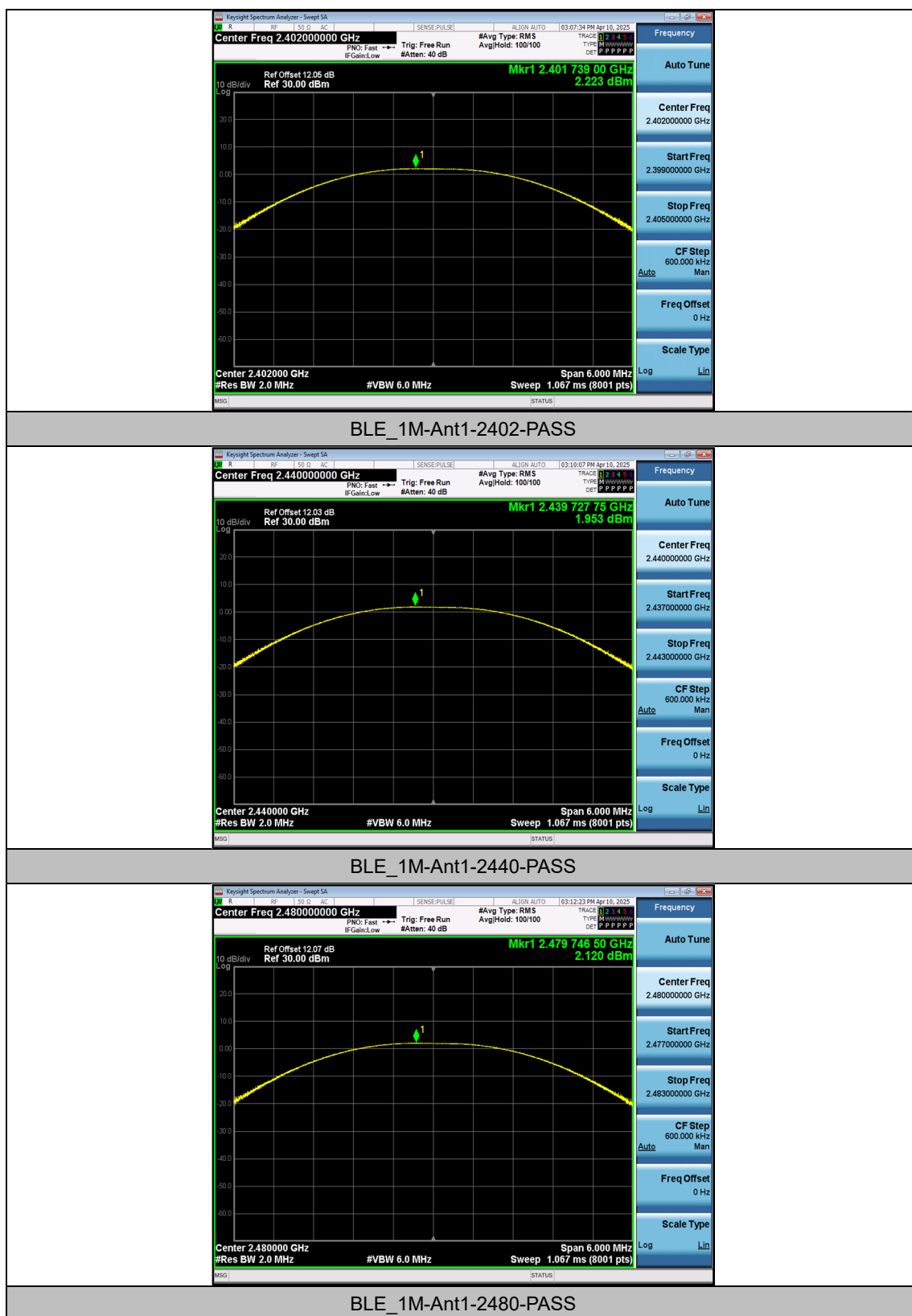


Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.22	≤30	PASS
BLE_1M	Ant1	2440	1.95	≤30	PASS
BLE_1M	Ant1	2480	2.12	≤30	PASS

Test Graphs Peak

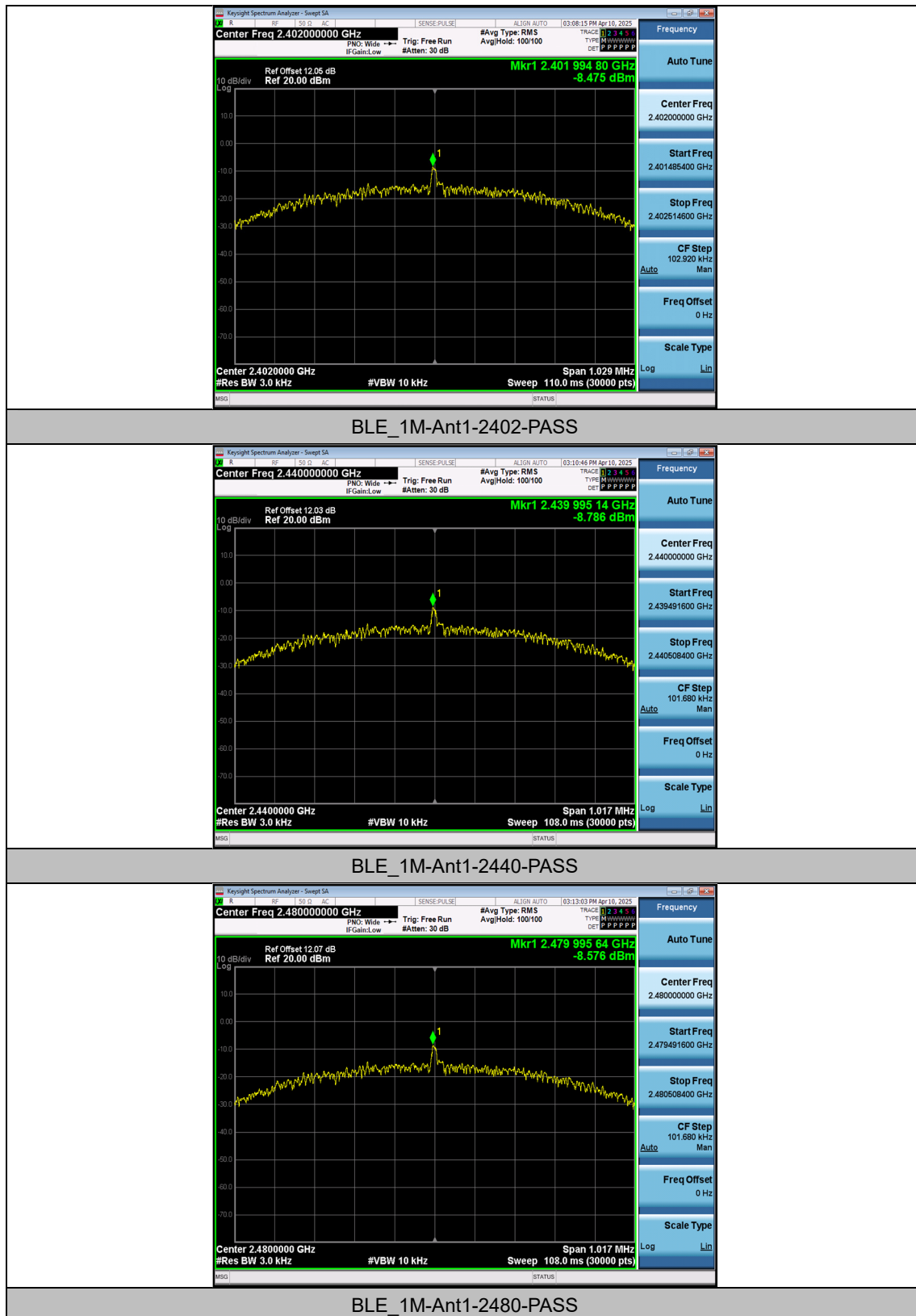


Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.48	≤8.00	PASS
BLE_1M	Ant1	2440	-8.79	≤8.00	PASS
BLE_1M	Ant1	2480	-8.58	≤8.00	PASS

Test Graphs

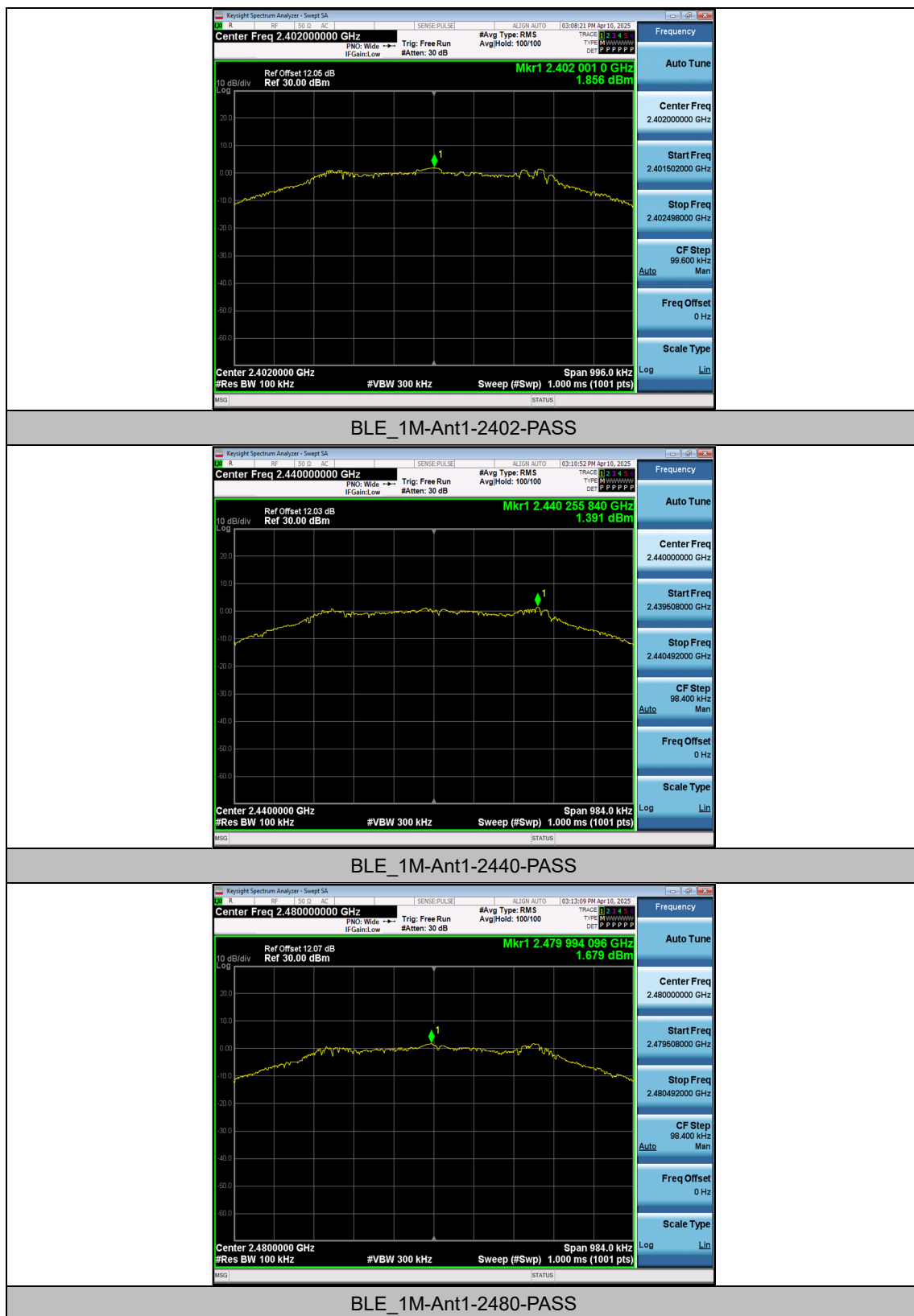


Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.00	1.86
BLE_1M	Ant1	2440	2440.26	1.39
BLE_1M	Ant1	2480	2479.99	1.68

Test Graphs

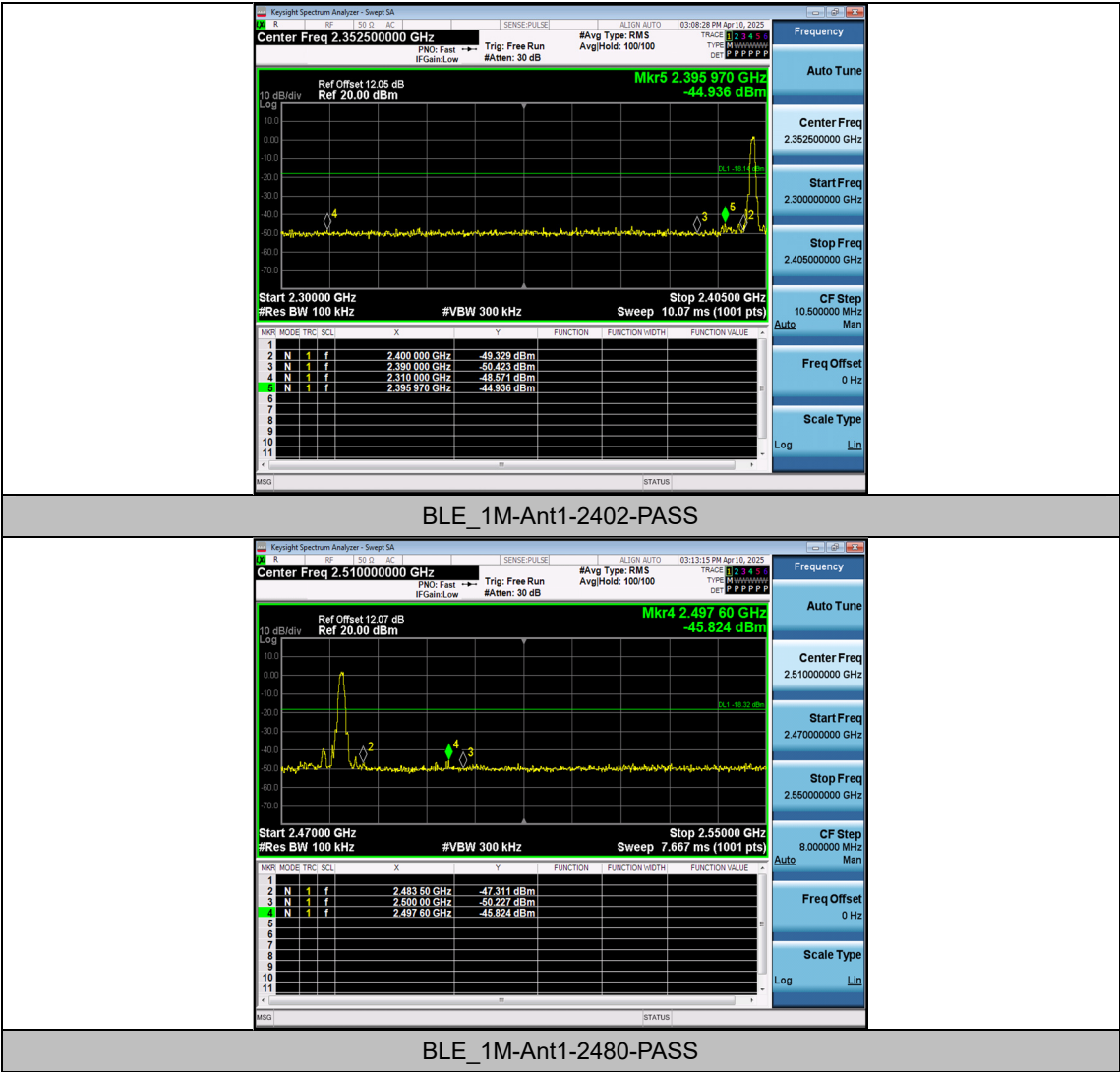


Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	1.86	-44.94	≤-18.14	PASS
BLE_1M	Ant1	High	2480	1.68	-45.82	≤-18.32	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

TestMod e	Antenn a	Frequency[MHz]	FreqRange [MHz]	RefLeve l [dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	2402	30~1000	1.86	-58.96	≤-18.14	PASS
BLE_1M	Ant1	2402	1000~2650 0	1.86	-43.44	≤-18.14	PASS
BLE_1M	Ant1	2440	30~1000	1.39	-59.17	≤-18.61	PASS
BLE_1M	Ant1	2440	1000~2650 0	1.39	-43.35	≤-18.61	PASS
BLE_1M	Ant1	2480	30~1000	1.68	-58.91	≤-18.32	PASS
BLE_1M	Ant1	2480	1000~2650 0	1.68	-44.47	≤-18.32	PASS

Test Graphs

