

Appendix for Bluetooth BLE mode

Product Name: Smart Tablet

Model No: T3V-B01

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.684	2401.656	2402.340	0.5	PASS
BLE_1M	Ant1	2440	0.680	2439.664	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.656	2479.672	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.176	2401.424	2402.600	0.5	PASS
BLE_2M	Ant1	2440	1.236	2439.360	2440.596	0.5	PASS
BLE_2M	Ant1	2480	1.140	2479.452	2480.592	0.5	PASS

Test Graphs



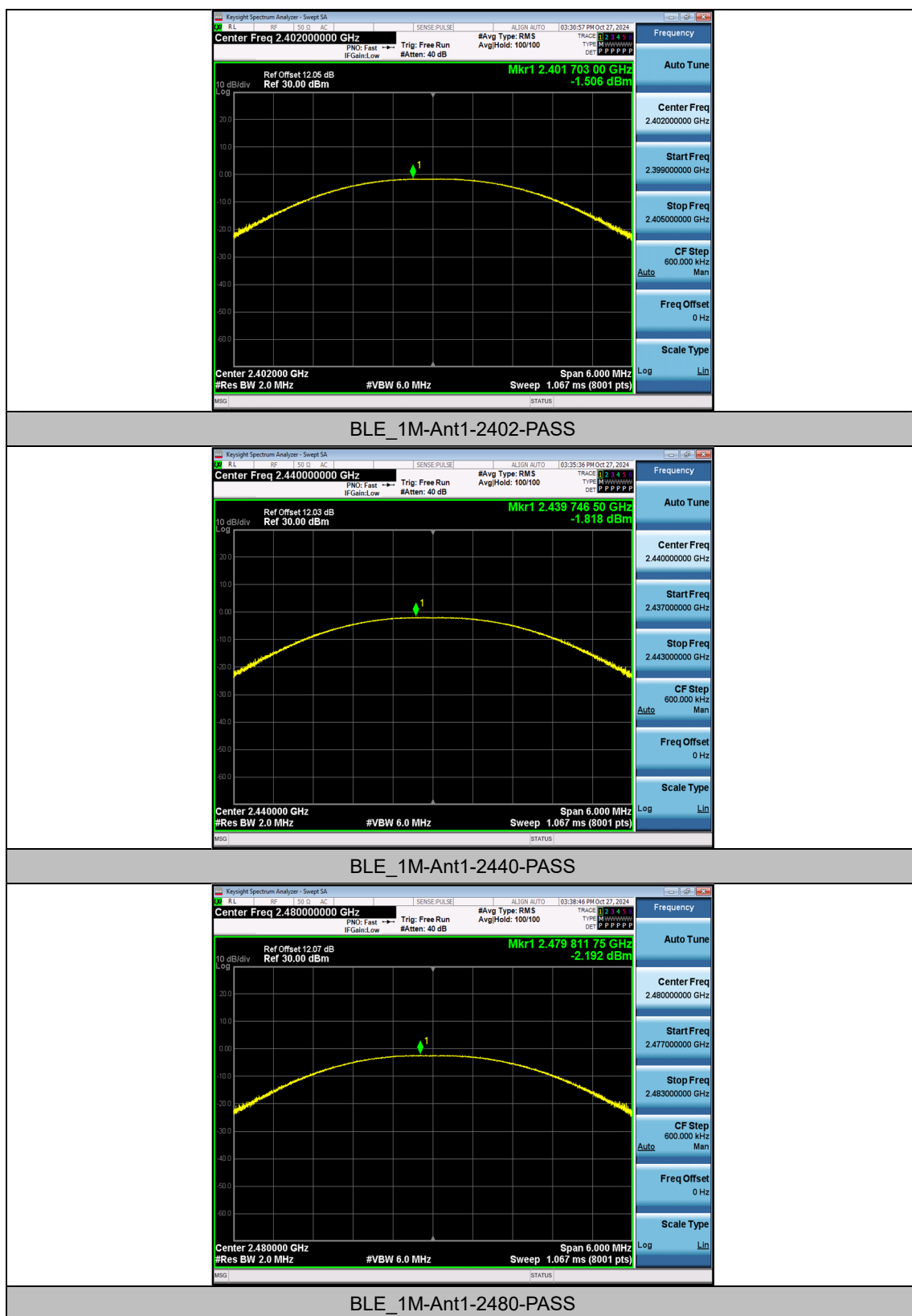


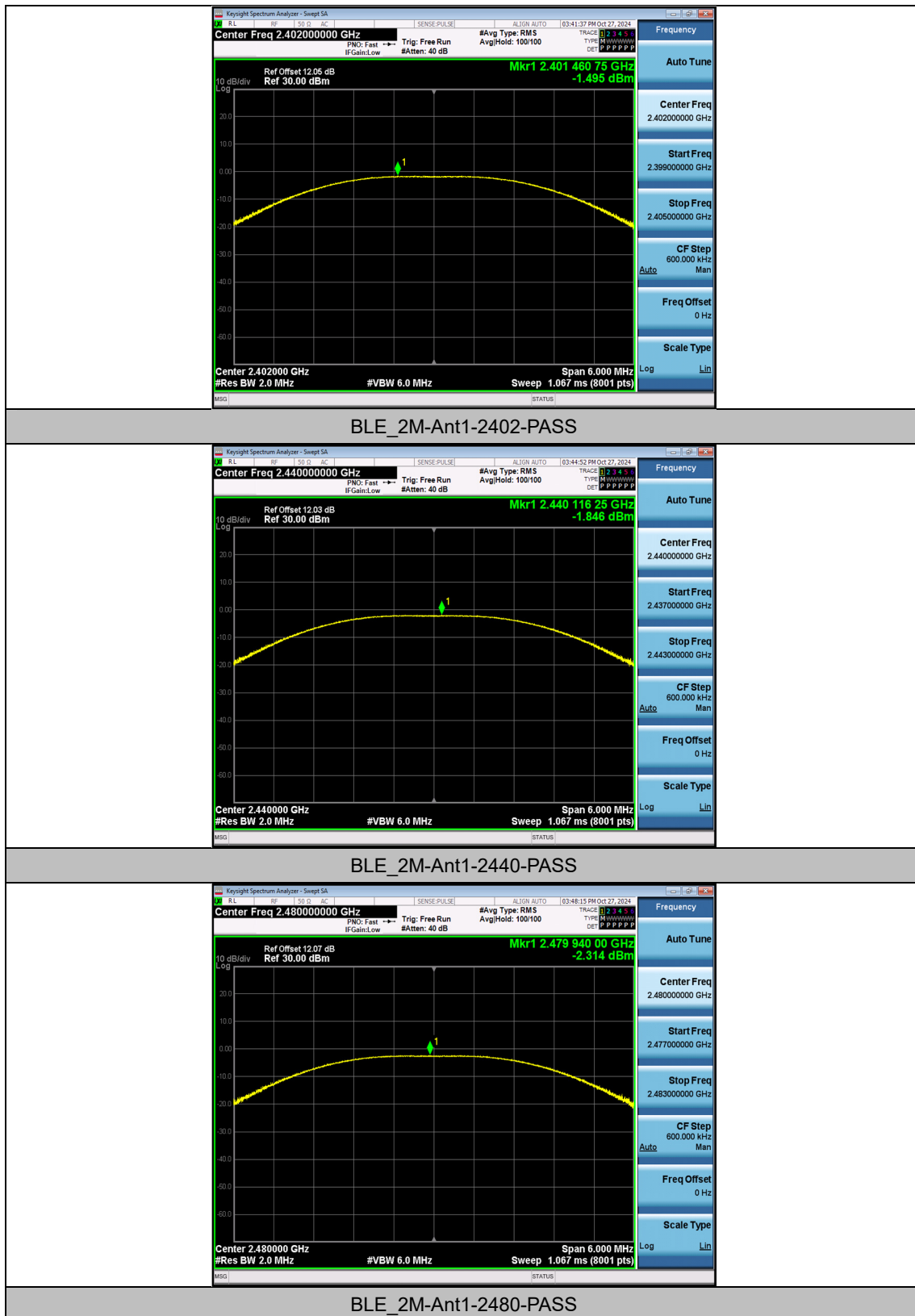
Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.51	≤30	-1.51	≤36	PASS
BLE_1M	Ant1	2440	-1.82	≤30	-1.82	≤36	PASS
BLE_1M	Ant1	2480	-2.19	≤30	-2.19	≤36	PASS
BLE_2M	Ant1	2402	-1.50	≤30	-1.50	≤36	PASS
BLE_2M	Ant1	2440	-1.85	≤30	-1.85	≤36	PASS
BLE_2M	Ant1	2480	-2.31	≤30	-2.31	≤36	PASS

Test Graphs Peak



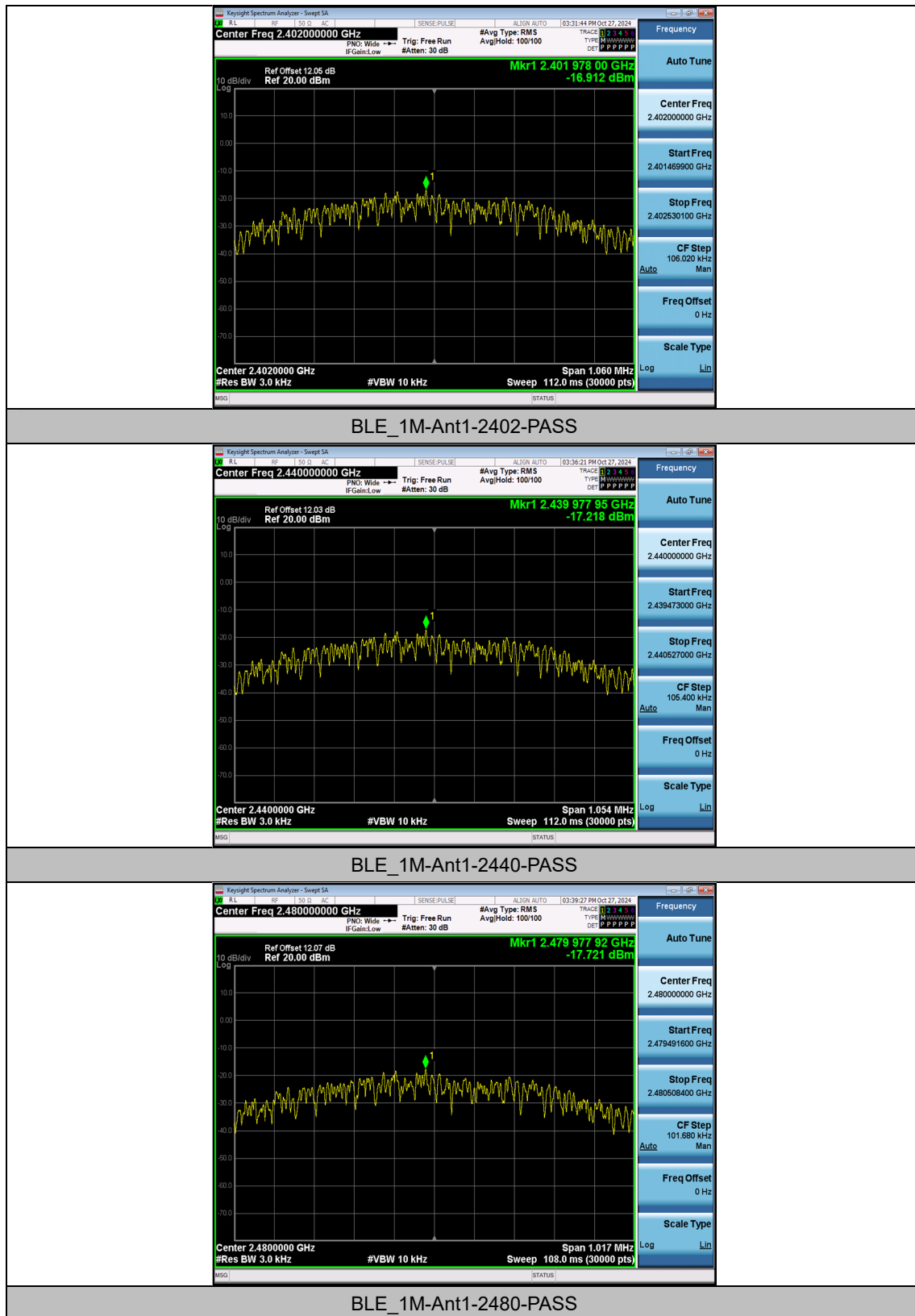


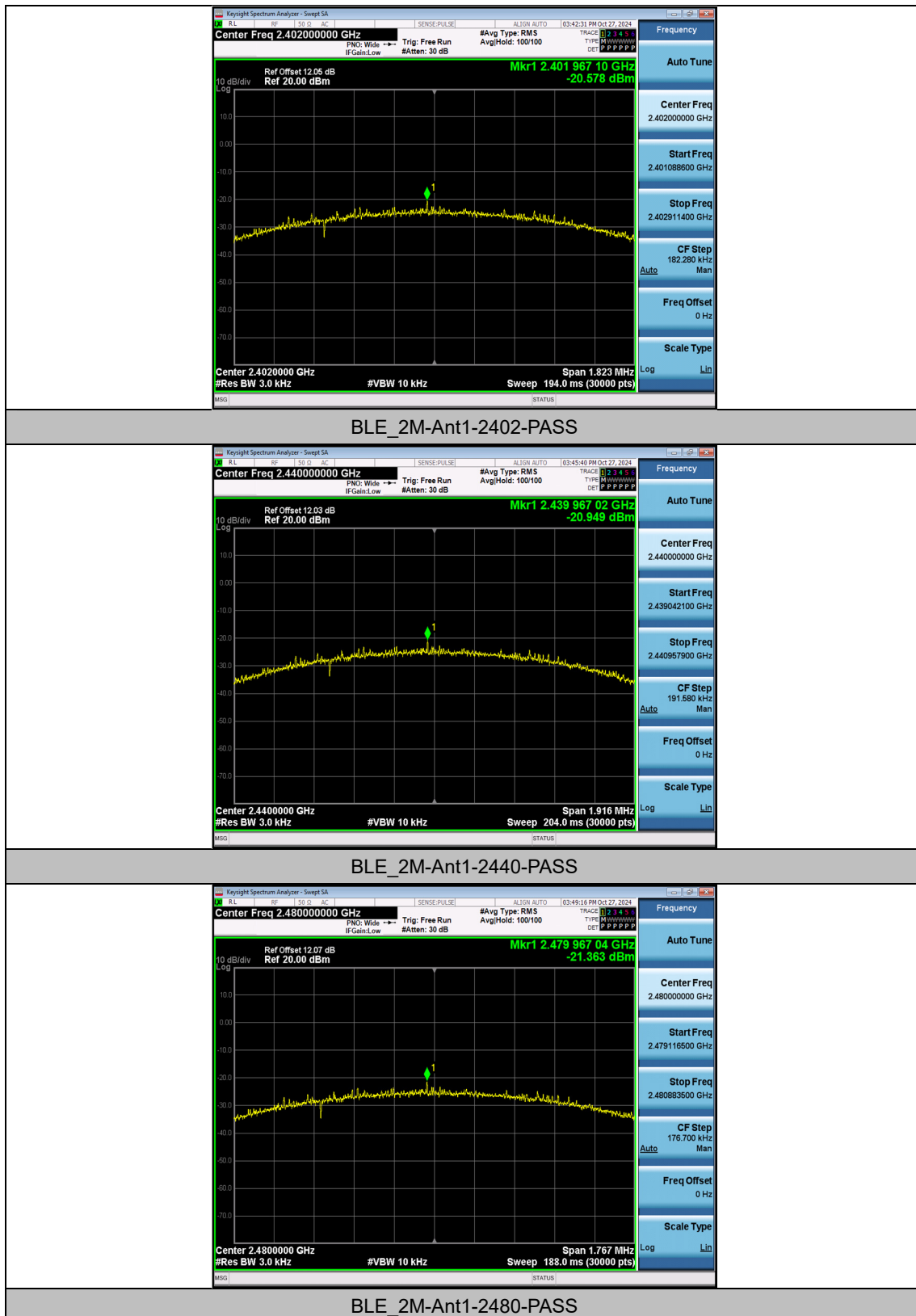
Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.91	≤8.00	PASS
BLE_1M	Ant1	2440	-17.22	≤8.00	PASS
BLE_1M	Ant1	2480	-17.72	≤8.00	PASS
BLE_2M	Ant1	2402	-20.58	≤8.00	PASS
BLE_2M	Ant1	2440	-20.95	≤8.00	PASS
BLE_2M	Ant1	2480	-21.36	≤8.00	PASS

Test Graphs



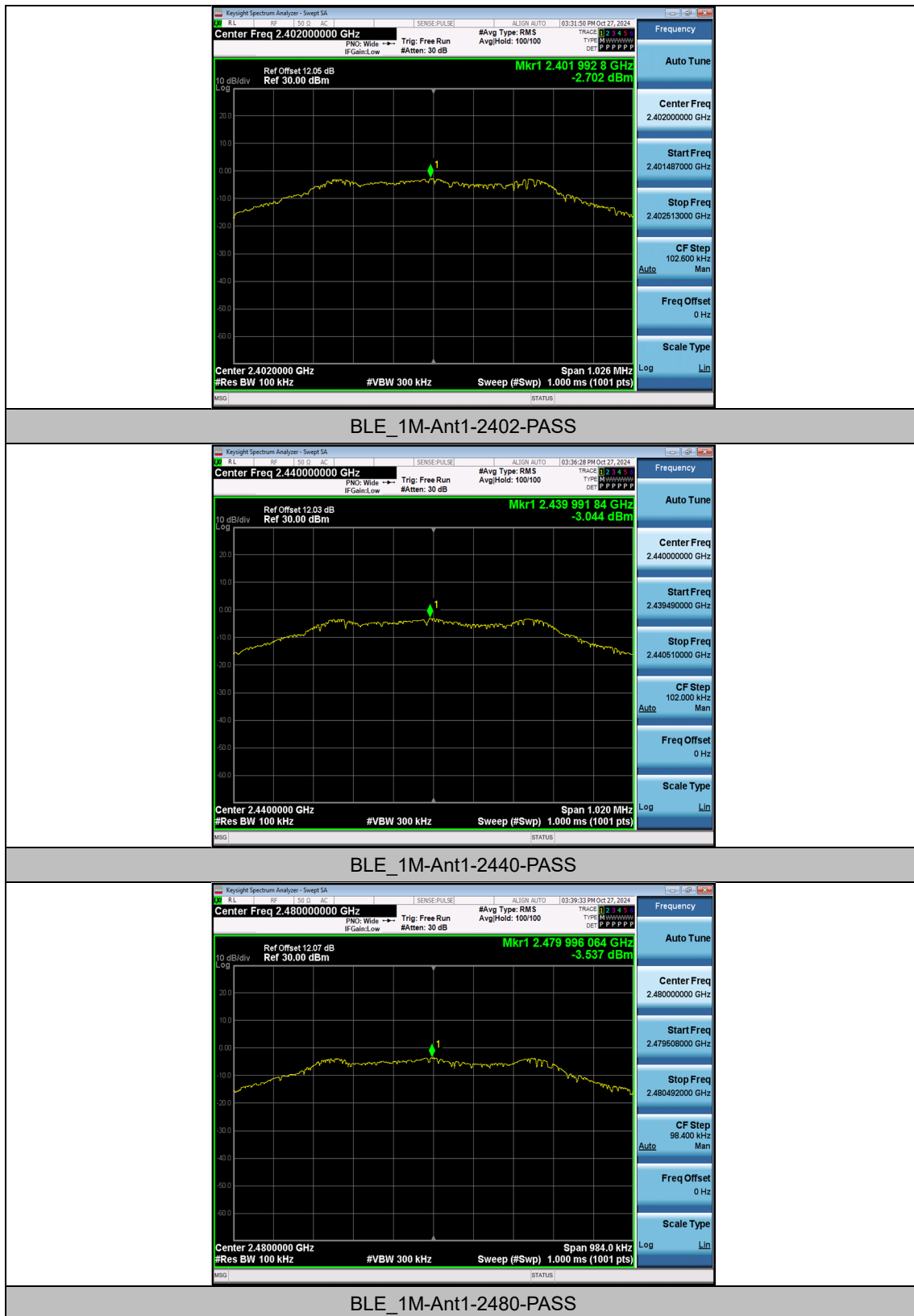


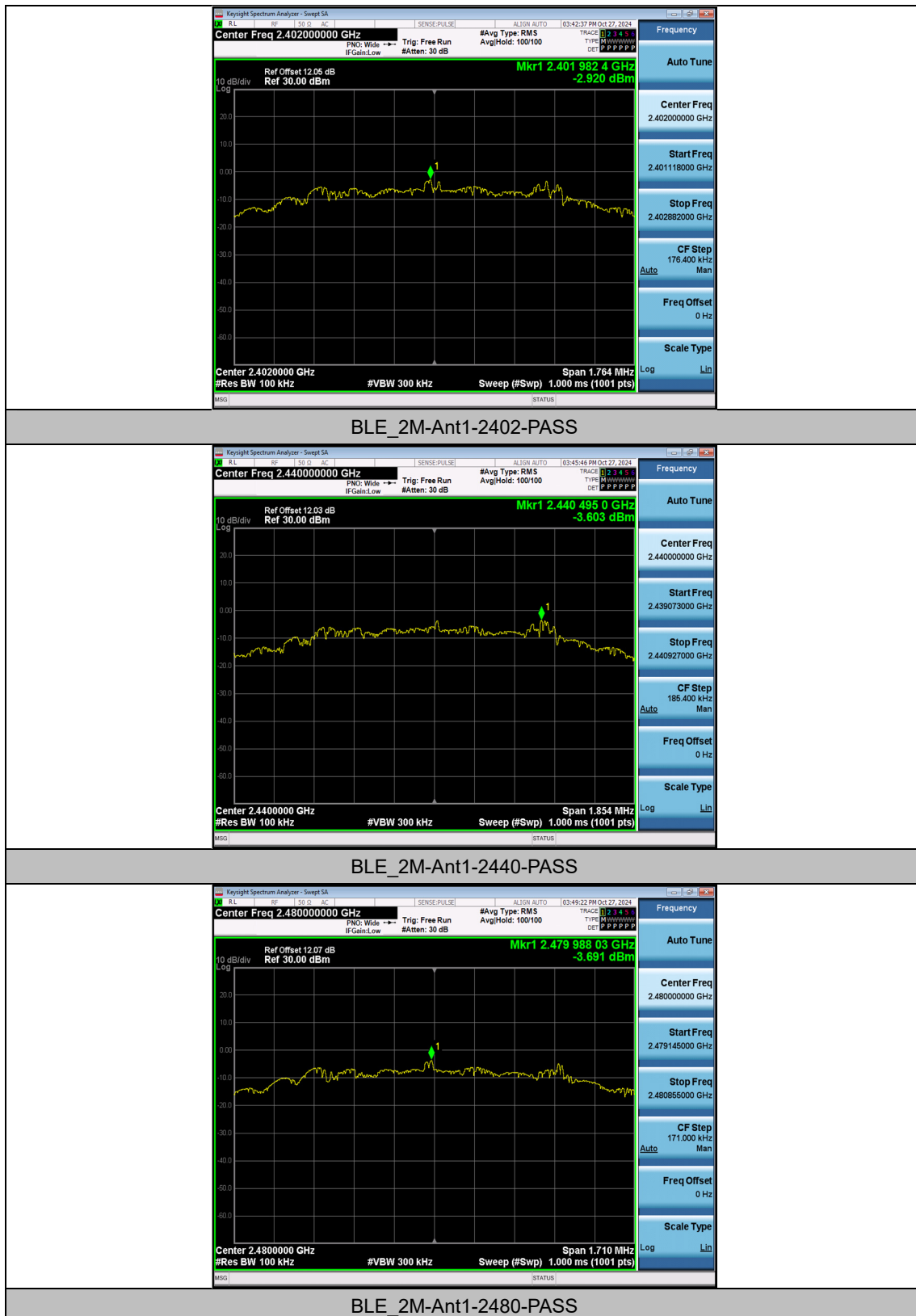
Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2401.99	-2.70
BLE_1M	Ant1	2440	2439.99	-3.04
BLE_1M	Ant1	2480	2480.00	-3.54
BLE_2M	Ant1	2402	2401.98	-2.92
BLE_2M	Ant1	2440	2440.50	-3.60
BLE_2M	Ant1	2480	2479.99	-3.69

Test Graphs





Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.70	-46.55	≤ -22.7	PASS
BLE_1M	Ant1	High	2480	-3.54	-47.45	≤ -23.54	PASS
BLE_2M	Ant1	Low	2402	-2.92	-37.74	≤ -22.92	PASS
BLE_2M	Ant1	High	2480	-3.69	-46.58	≤ -23.69	PASS