

Appendix for Bluetooth BLE Mode

Product Name: Motorized slats treadmill

Model No: 6363TA, 6363EA, 6364EA, 6364TA, 6365EA,
6365TA, 6367EA, 6367TA, 6460EA, 6460TA

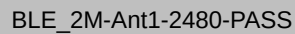
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.656	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.668	2439.672	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.724	2479.640	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.164	2401.444	2402.608	0.5	PASS
BLE_2M	Ant1	2440	1.232	2439.360	2440.592	0.5	PASS
BLE_2M	Ant1	2480	1.236	2479.348	2480.584	0.5	PASS

Test Graphs



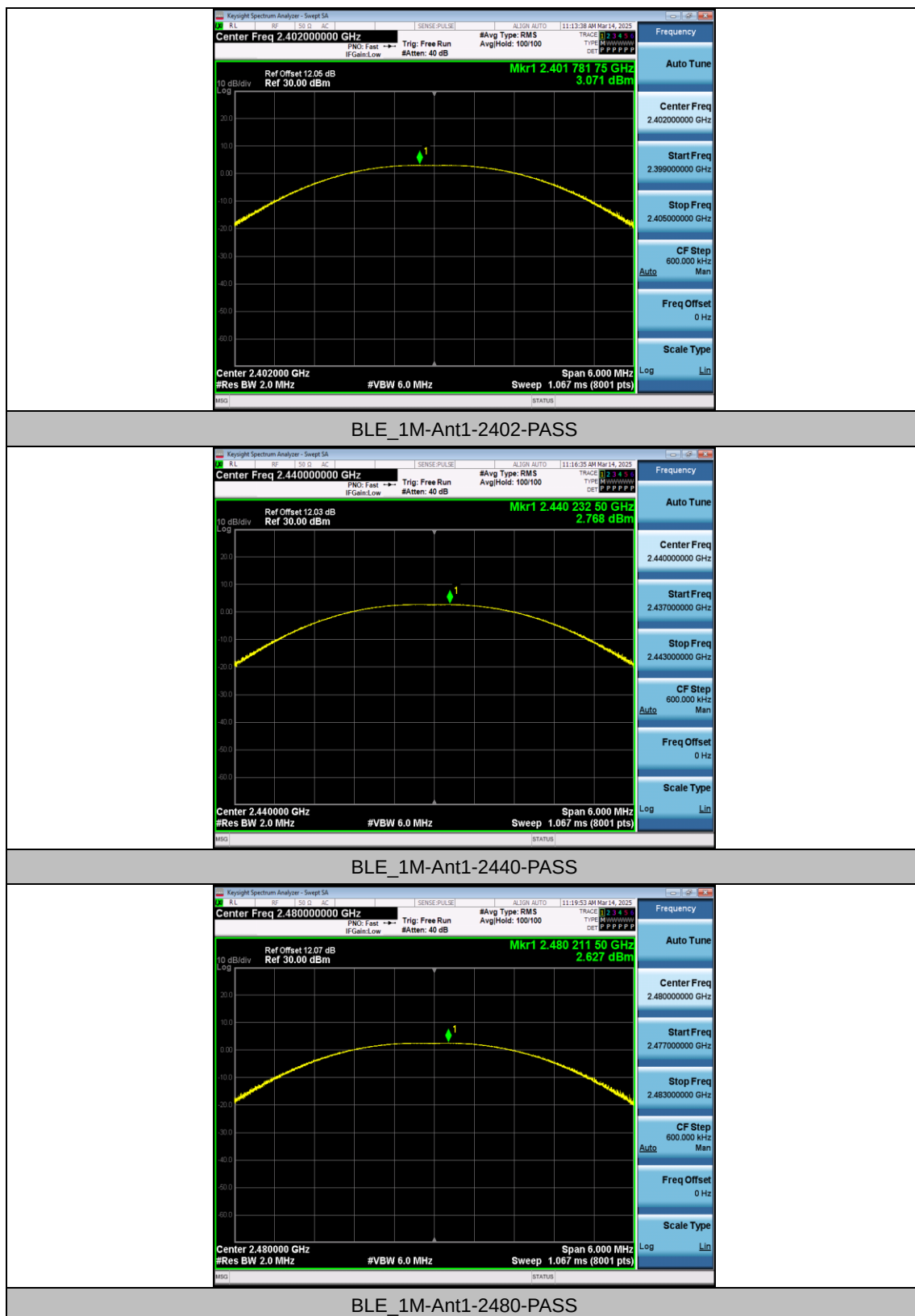


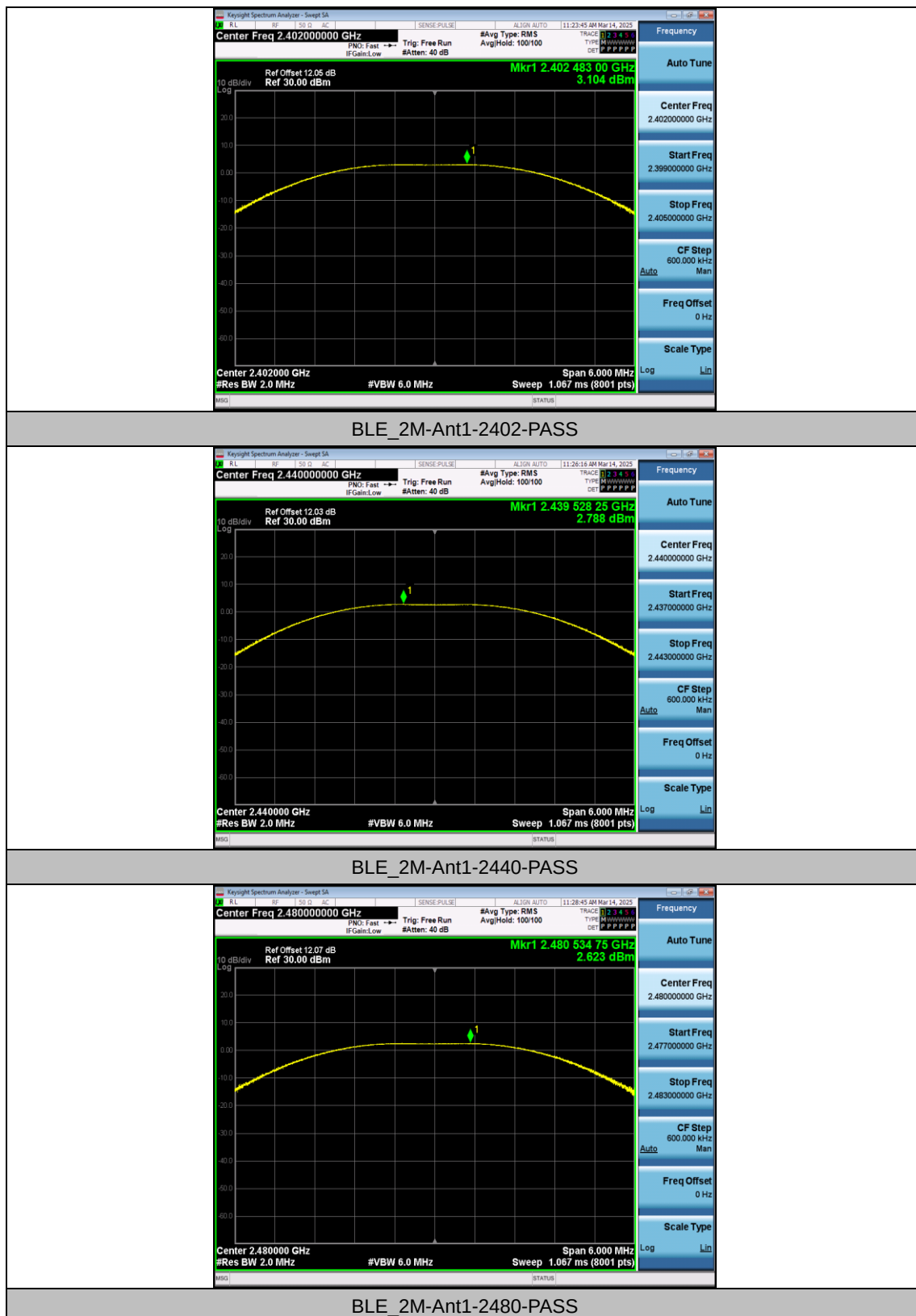
Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.07	≤30	PASS
BLE_1M	Ant1	2440	2.77	≤30	PASS
BLE_1M	Ant1	2480	2.63	≤30	PASS
BLE_2M	Ant1	2402	3.10	≤30	PASS
BLE_2M	Ant1	2440	2.79	≤30	PASS
BLE_2M	Ant1	2480	2.62	≤30	PASS

Test Graphs Peak



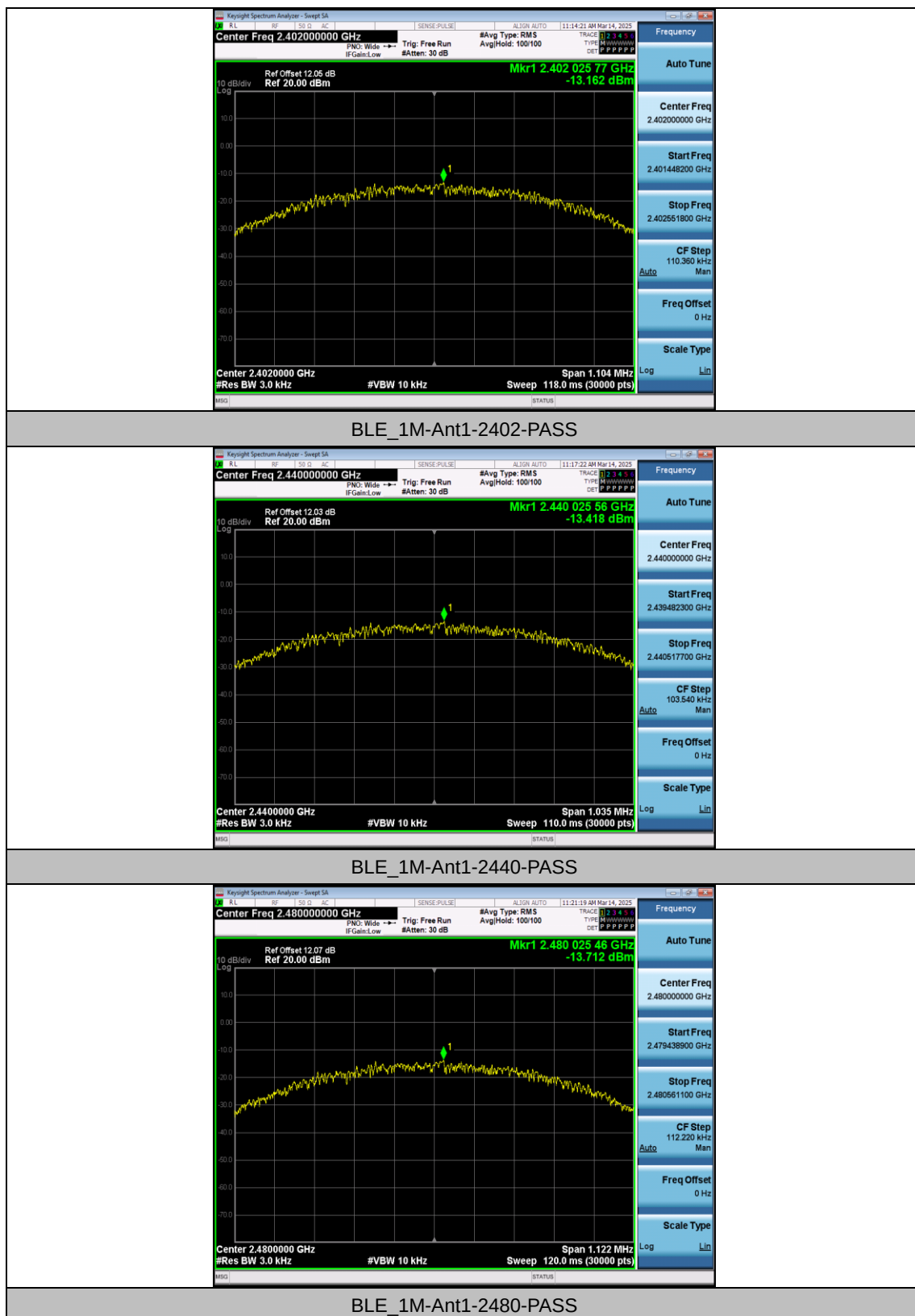


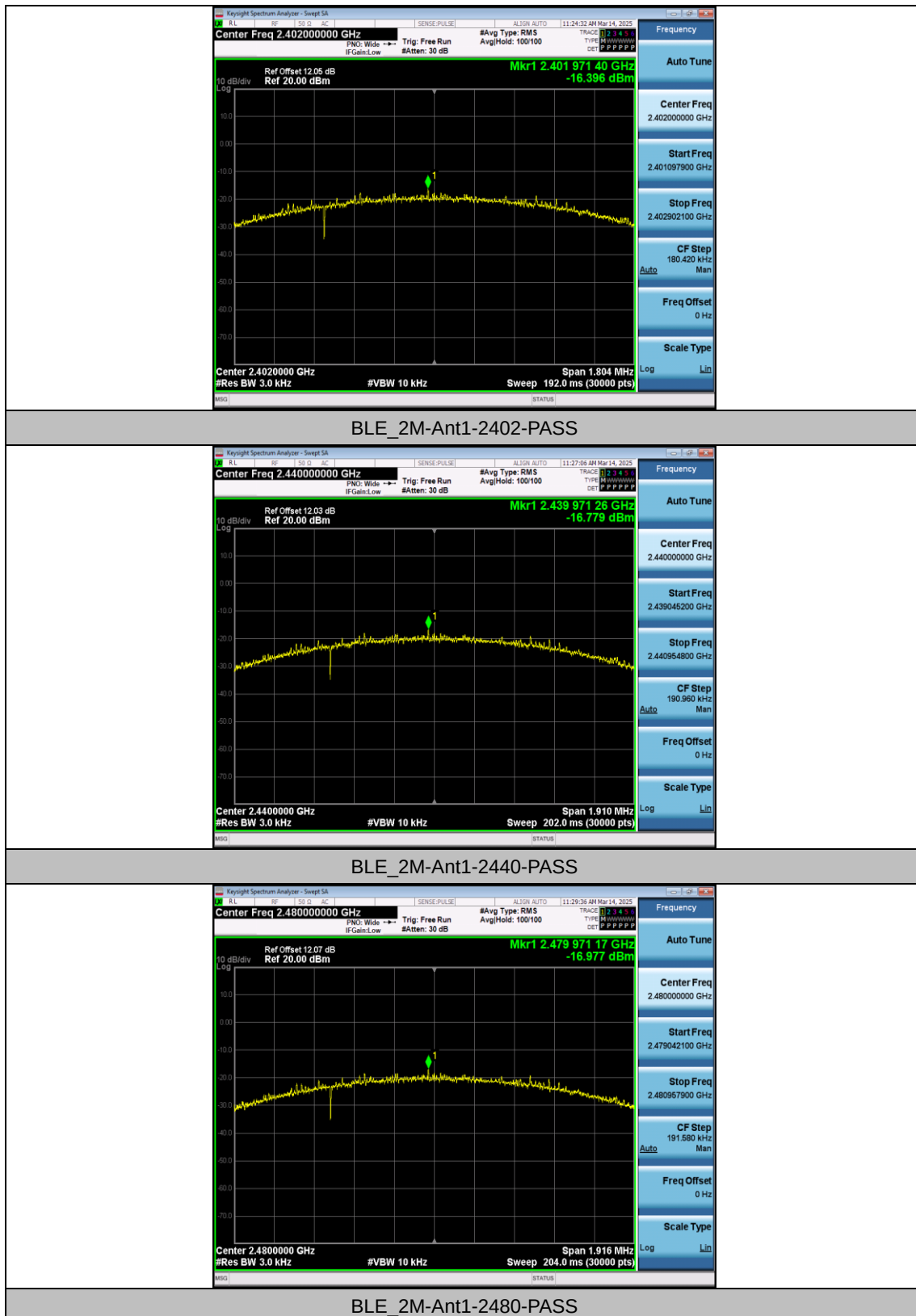
Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.16	≤8.00	PASS
BLE_1M	Ant1	2440	-13.42	≤8.00	PASS
BLE_1M	Ant1	2480	-13.71	≤8.00	PASS
BLE_2M	Ant1	2402	-16.40	≤8.00	PASS
BLE_2M	Ant1	2440	-16.78	≤8.00	PASS
BLE_2M	Ant1	2480	-16.98	≤8.00	PASS

Test Graphs



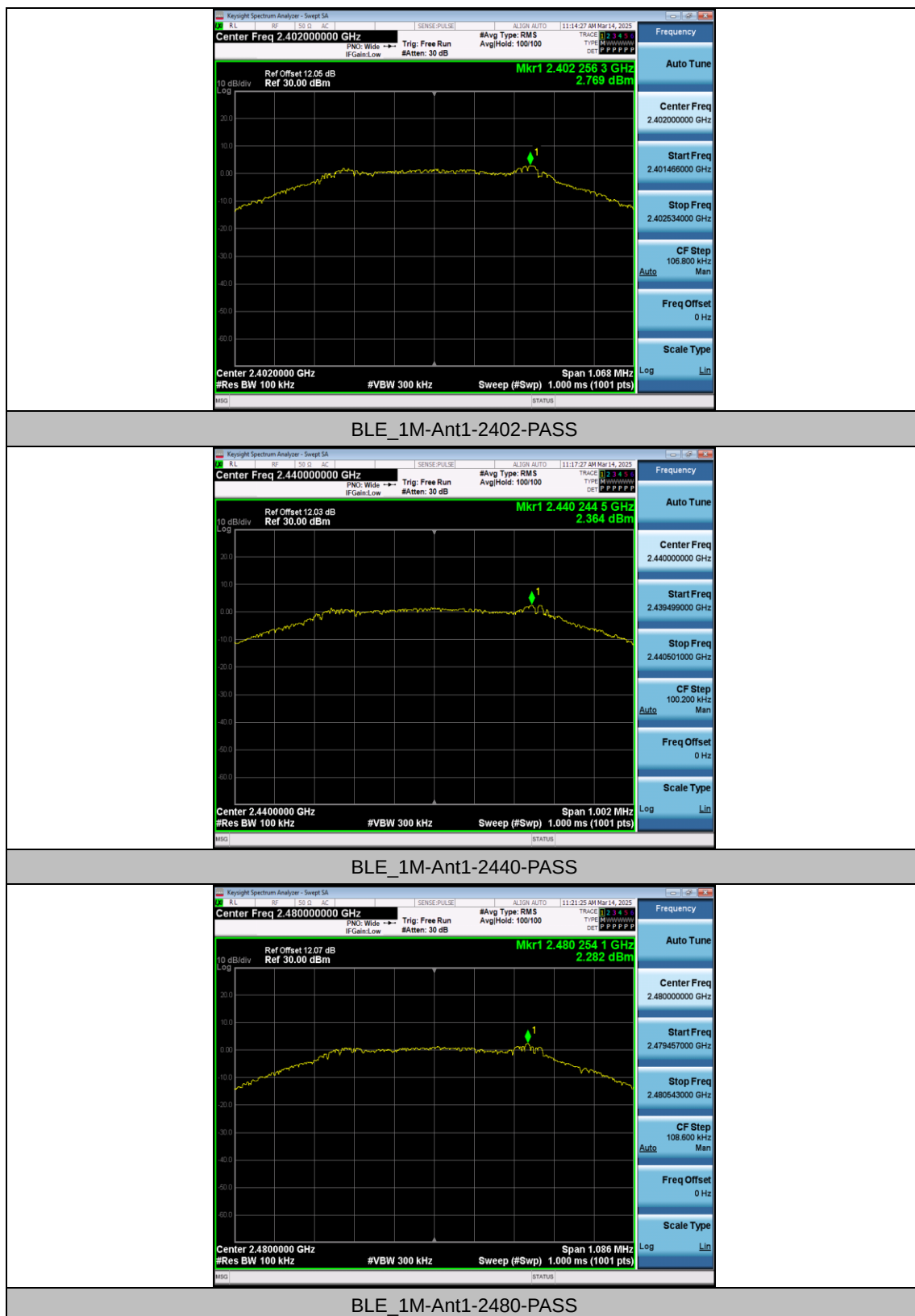


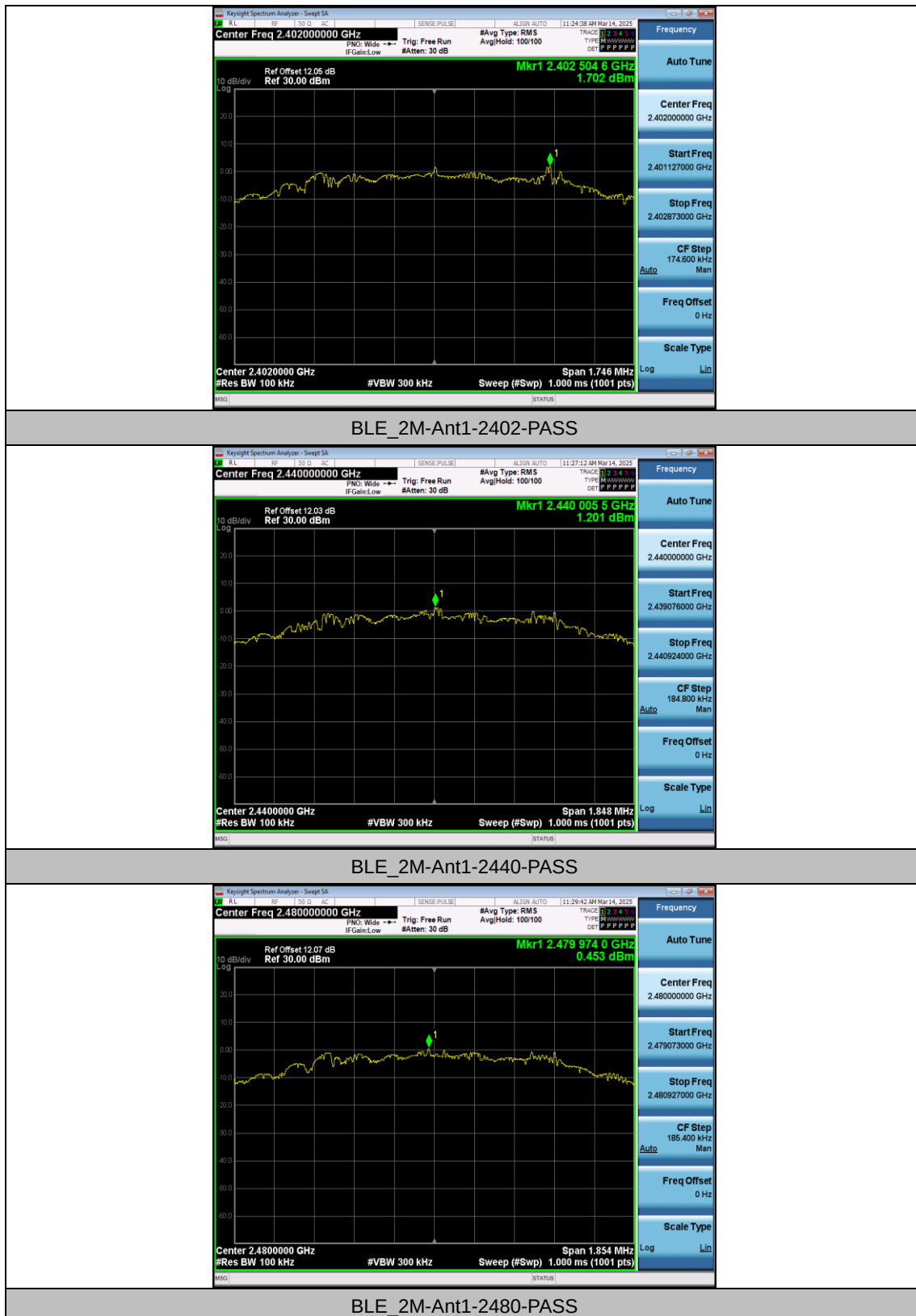
Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.26	2.77
BLE_1M	Ant1	2440	2440.24	2.36
BLE_1M	Ant1	2480	2480.25	2.28
BLE_2M	Ant1	2402	2402.50	1.70
BLE_2M	Ant1	2440	2440.01	1.20
BLE_2M	Ant1	2480	2479.97	0.45

Test Graphs





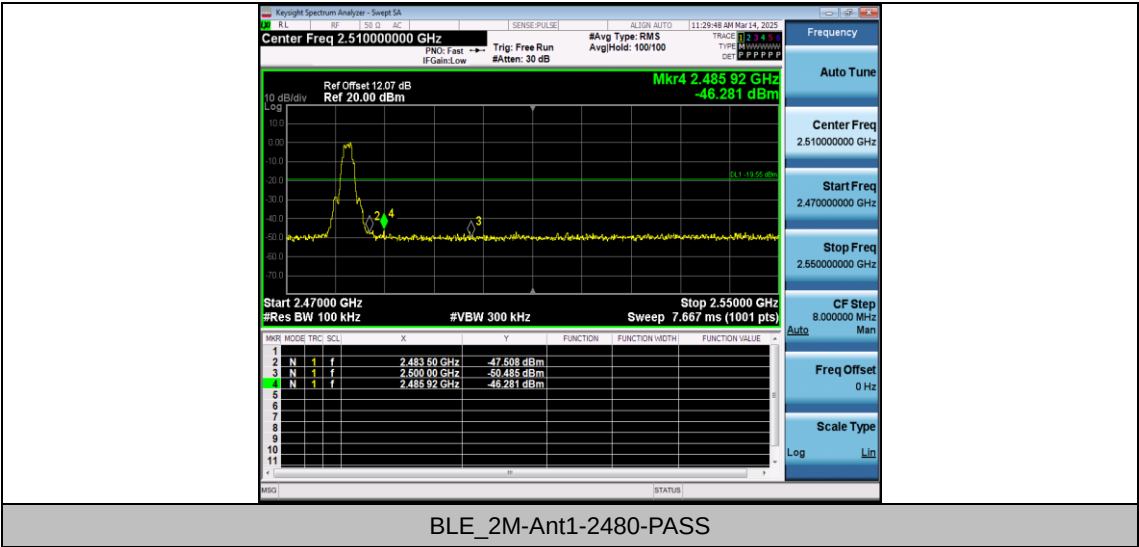
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.77	-40.75	≤-17.23	PASS
BLE_1M	Ant1	High	2480	2.28	-46.96	≤-17.72	PASS
BLE_2M	Ant1	Low	2402	1.70	-30.32	≤-18.3	PASS
BLE_2M	Ant1	High	2480	0.45	-46.28	≤-19.55	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	2.77	-58.51	≤-17.23	PASS
BLE_1M	Ant1	2402	1000~2650 0	2.77	-44.17	≤-17.23	PASS
BLE_1M	Ant1	2440	30~1000	2.36	-59.08	≤-17.64	PASS
BLE_1M	Ant1	2440	1000~2650 0	2.36	-44.1	≤-17.64	PASS
BLE_1M	Ant1	2480	30~1000	2.28	-59.32	≤-17.72	PASS
BLE_1M	Ant1	2480	1000~2650 0	2.28	-44.25	≤-17.72	PASS
BLE_2M	Ant1	2402	30~1000	1.70	-58.86	≤-18.3	PASS
BLE_2M	Ant1	2402	1000~2650 0	1.70	-44.91	≤-18.3	PASS
BLE_2M	Ant1	2440	30~1000	1.20	-59.67	≤-18.8	PASS
BLE_2M	Ant1	2440	1000~2650 0	1.20	-44.45	≤-18.8	PASS
BLE_2M	Ant1	2480	30~1000	0.45	-58.69	≤-19.55	PASS
BLE_2M	Ant1	2480	1000~2650 0	0.45	-44.58	≤-19.55	PASS

Test Graphs

