

Appendix for Bluetooth BLE mode

Product Name: Baby Scale

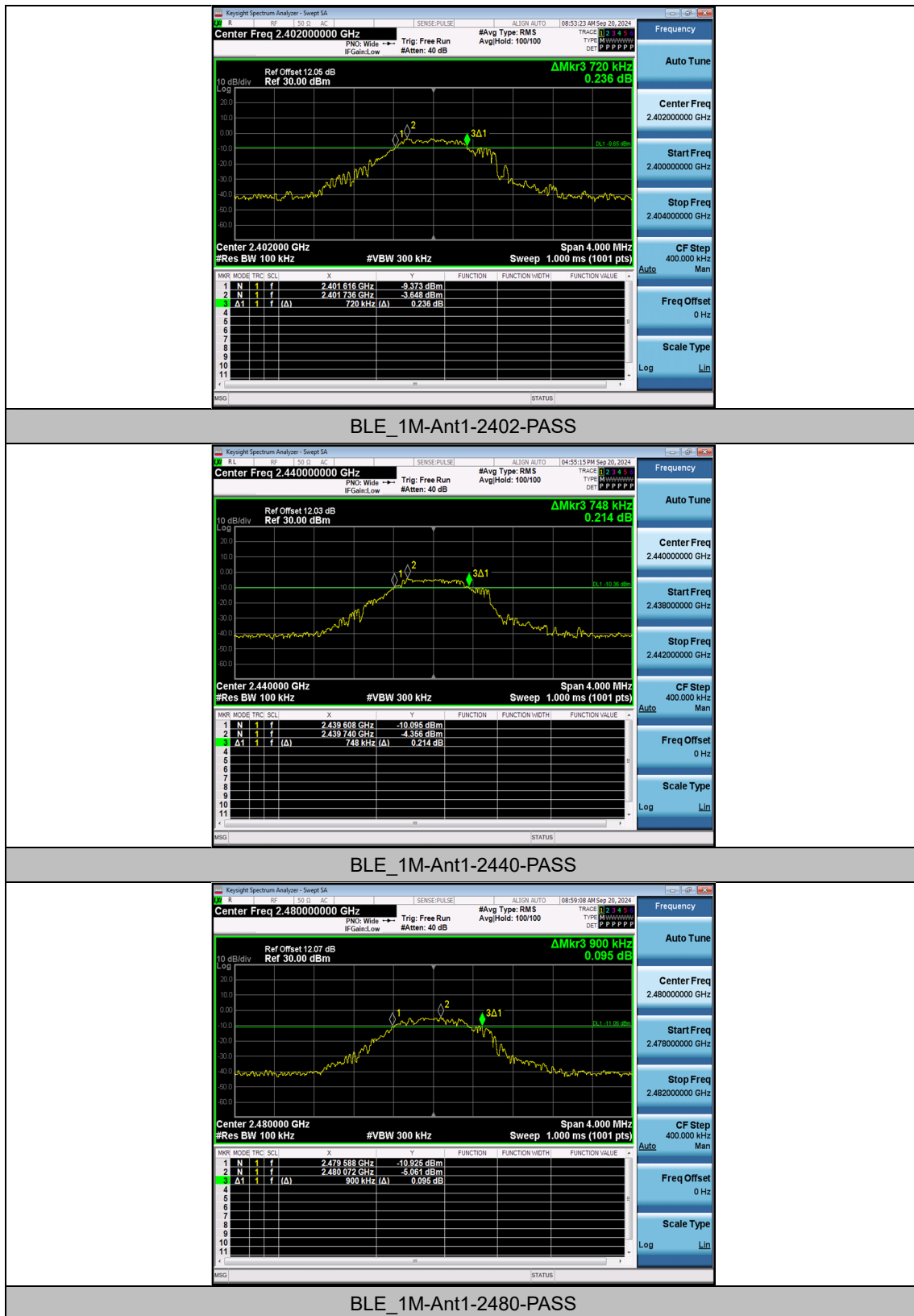
Model No: B15H

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.616	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.748	2439.608	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.900	2479.588	2480.488	0.5	PASS

Test Graphs

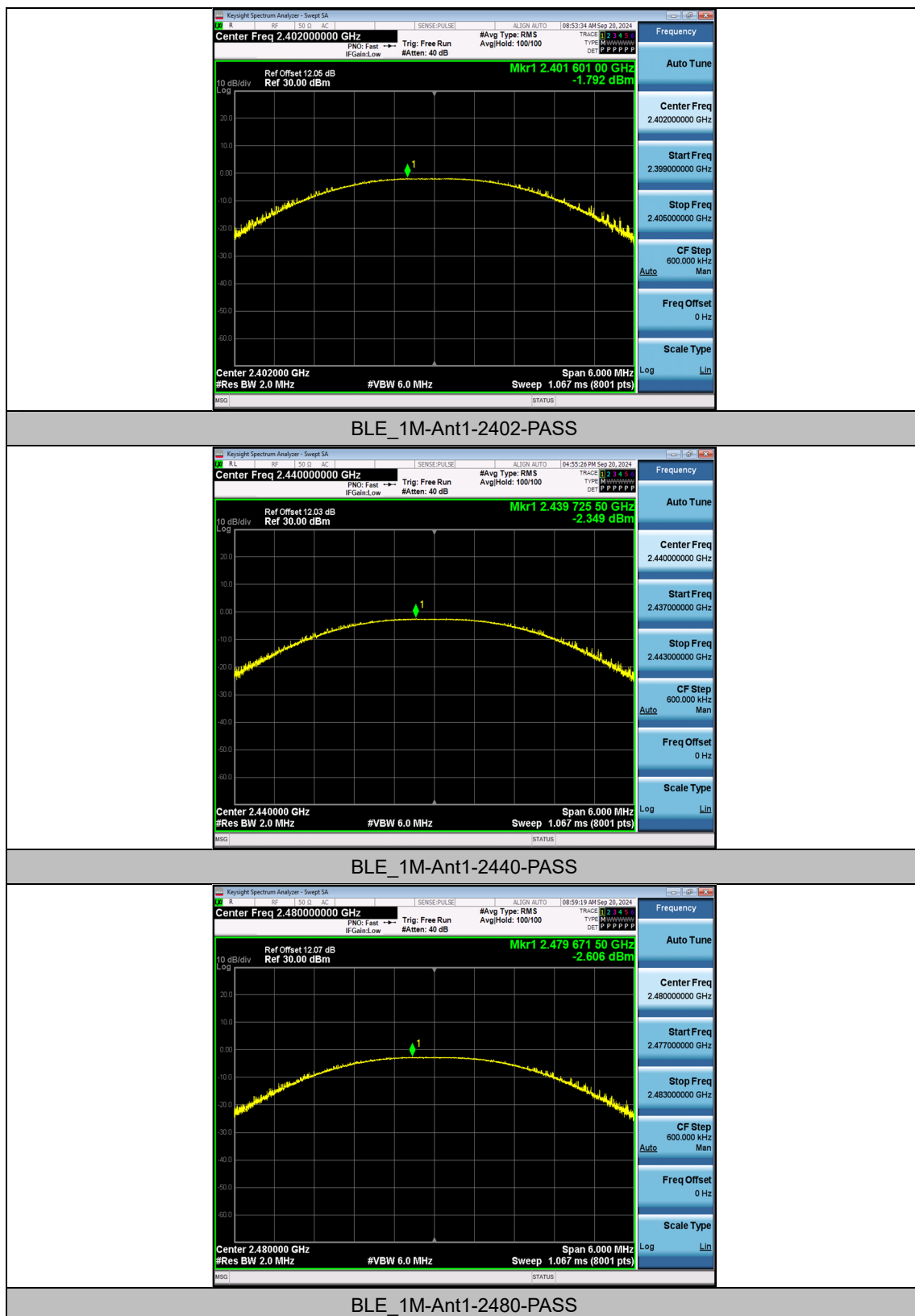


Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.79	≤30	-1.79	≤36	PASS
BLE_1M	Ant1	2440	-2.35	≤30	-2.35	≤36	PASS
BLE_1M	Ant1	2480	-2.61	≤30	-2.61	≤36	PASS

Test Graphs Peak

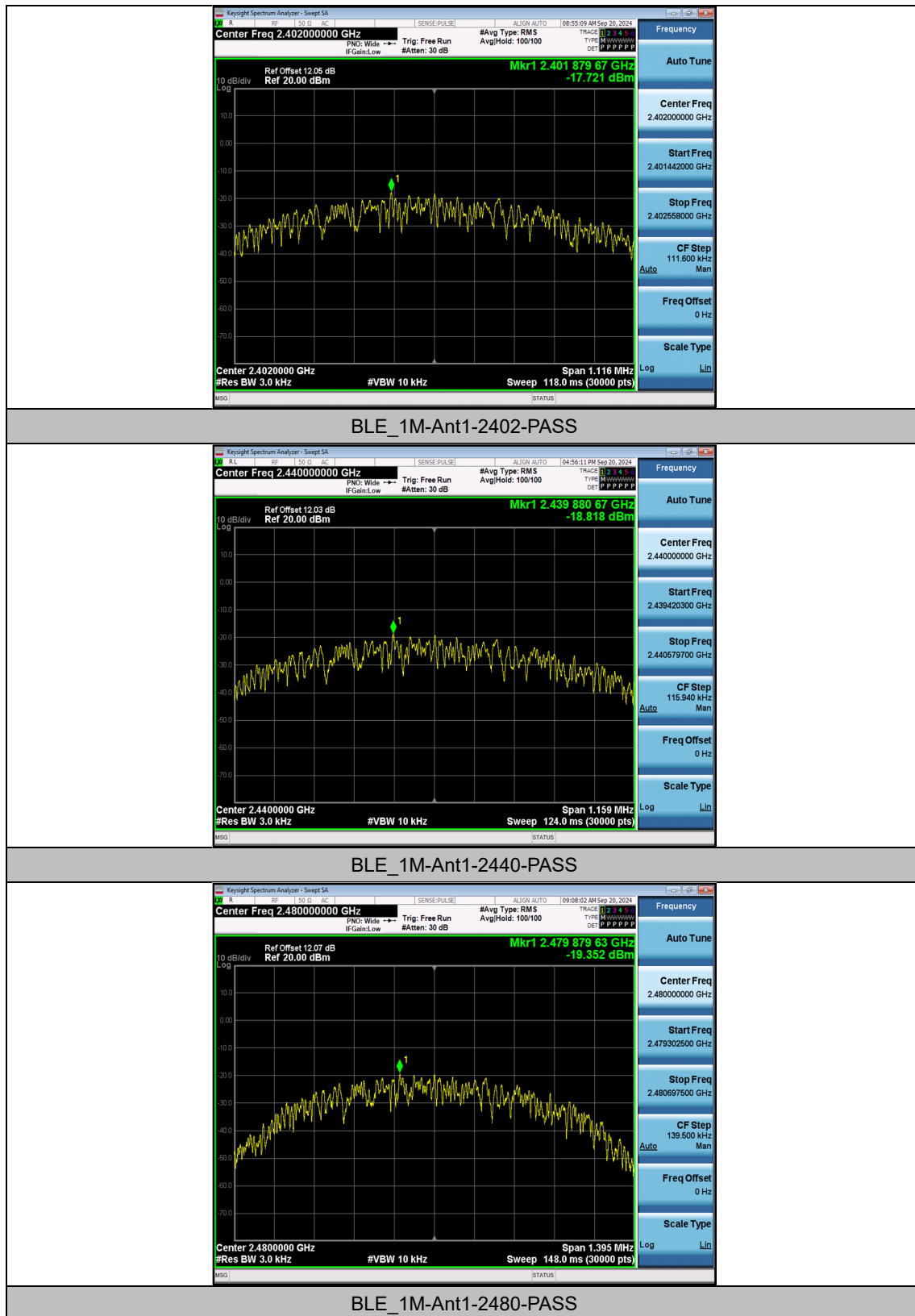


Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.72	≤8.00	PASS
BLE_1M	Ant1	2440	-18.82	≤8.00	PASS
BLE_1M	Ant1	2480	-19.35	≤8.00	PASS

Test Graphs

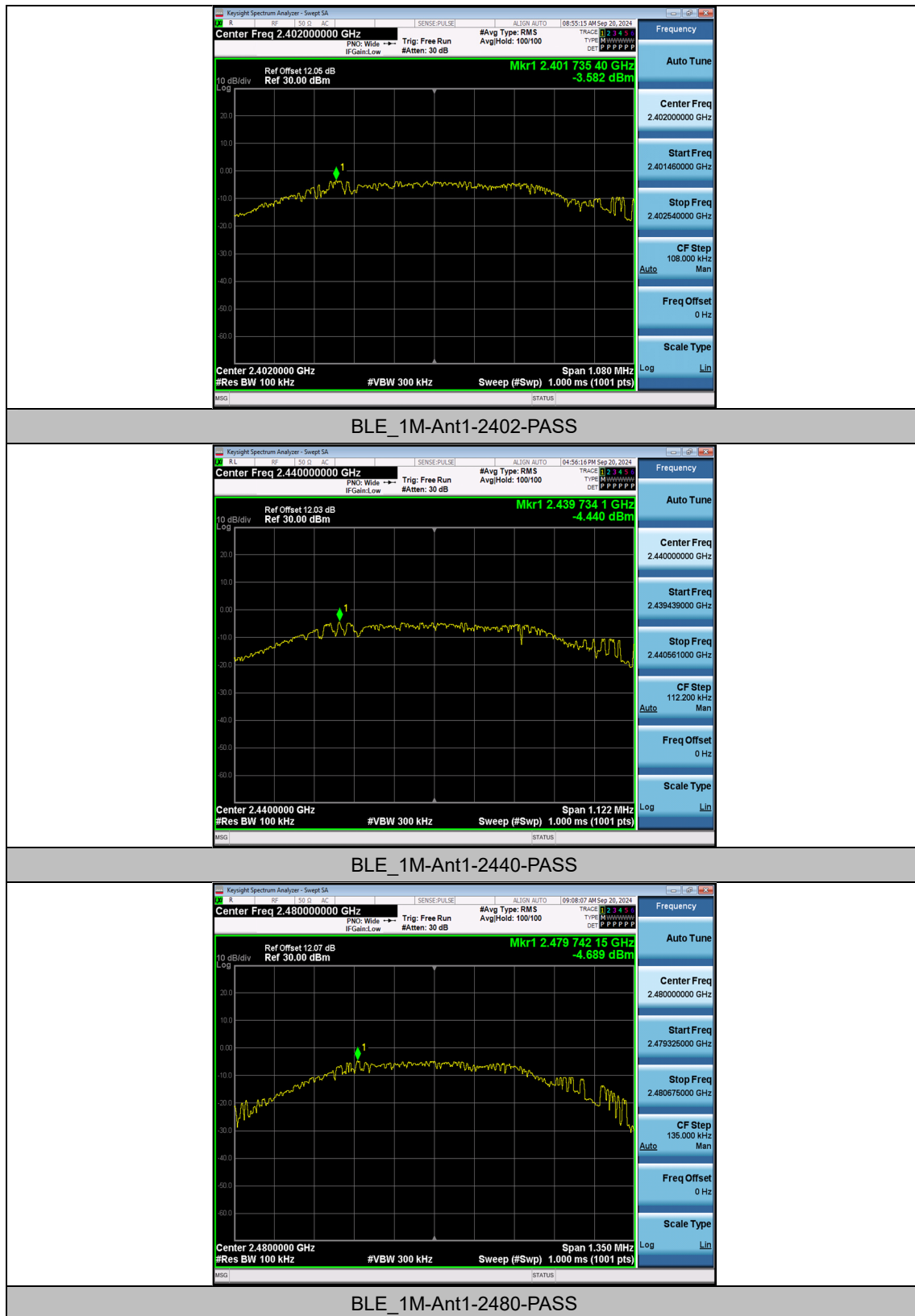


Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2401.74	-3.58
BLE_1M	Ant1	2440	2439.73	-4.44
BLE_1M	Ant1	2480	2479.74	-4.69

Test Graphs

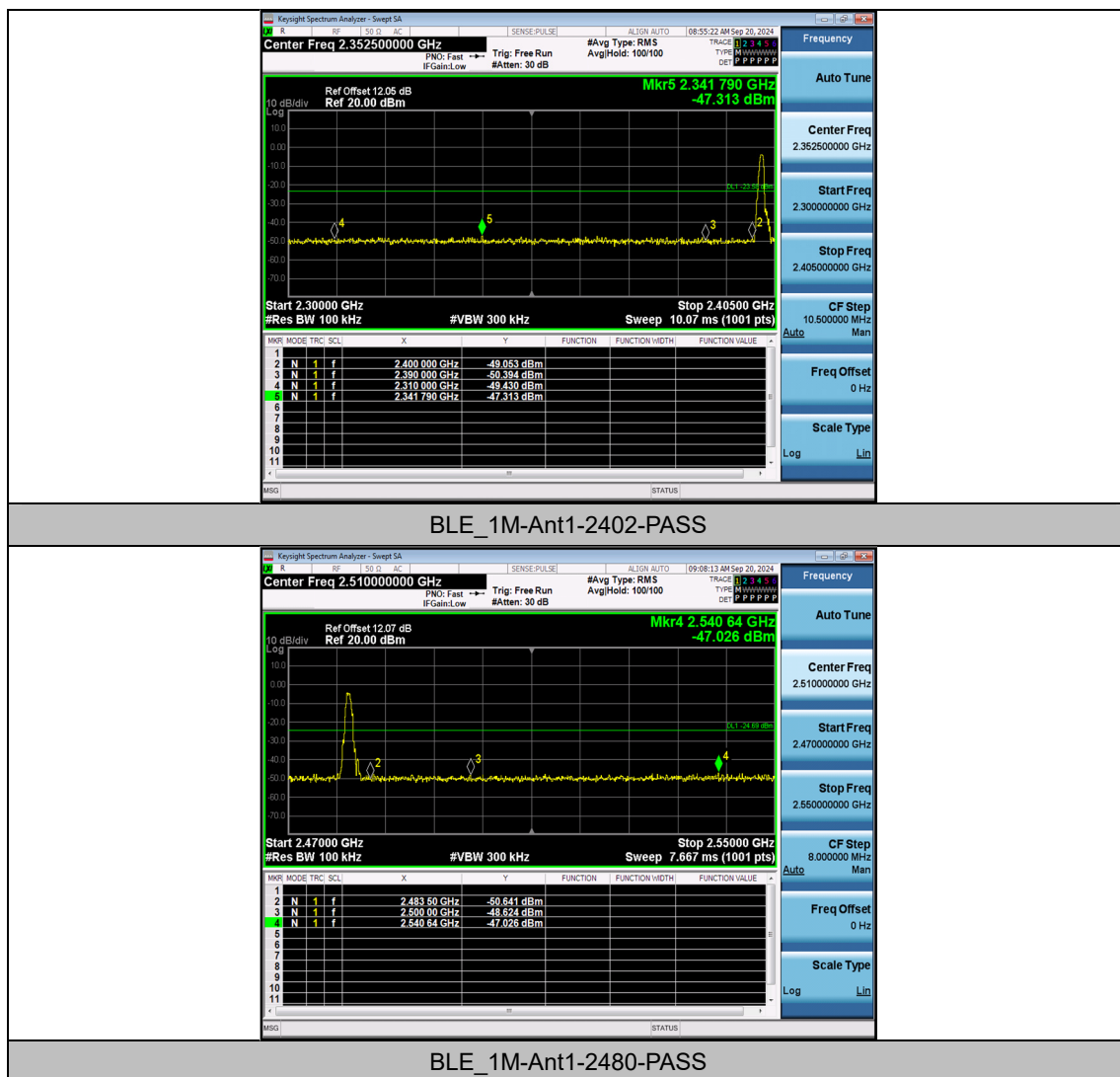


Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-3.58	-47.31	≤-23.58	PASS
BLE_1M	Ant1	High	2480	-4.69	-47.03	≤-24.69	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	-3.58	-58.45	≤-23.58	PASS
BLE_1M	Ant1	2402	1000~2650 0	-3.58	-44.68	≤-23.58	PASS
BLE_1M	Ant1	2440	30~1000	-4.44	-57.17	≤-24.44	PASS
BLE_1M	Ant1	2440	1000~2650 0	-4.44	-44.46	≤-24.44	PASS
BLE_1M	Ant1	2480	30~1000	-4.69	-58.5	≤-24.69	PASS
BLE_1M	Ant1	2480	1000~2650 0	-4.69	-43.93	≤-24.69	PASS

Test Graphs

