

Appendix: Bluetooth LE

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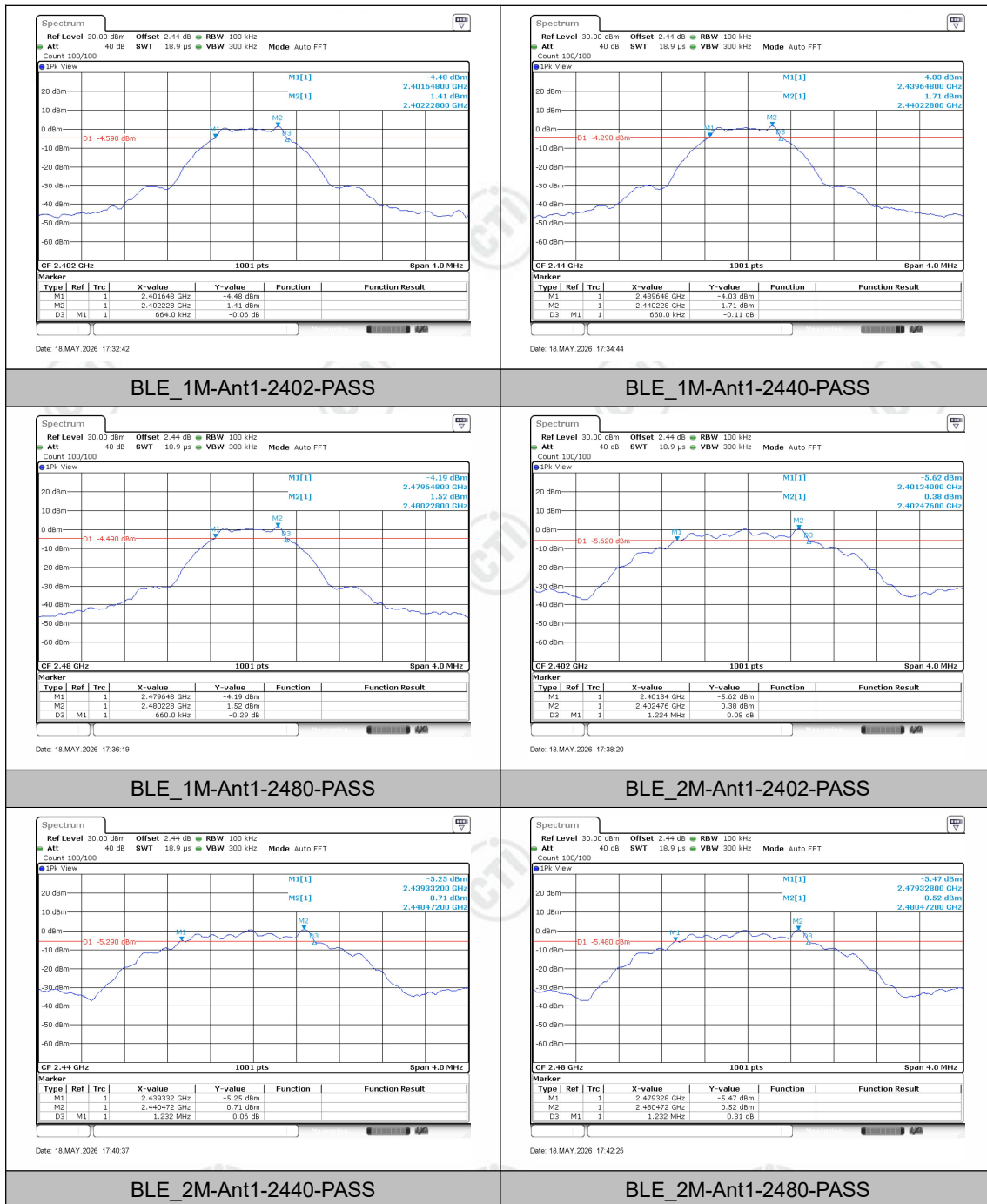
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.65	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.65	2440.31	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.65	2480.31	0.5	PASS
BLE_2M	Ant1	2402	1.22	2401.34	2402.56	0.5	PASS
BLE_2M	Ant1	2440	1.23	2439.33	2440.56	0.5	PASS
BLE_2M	Ant1	2480	1.23	2479.33	2480.56	0.5	PASS

Test Graphs

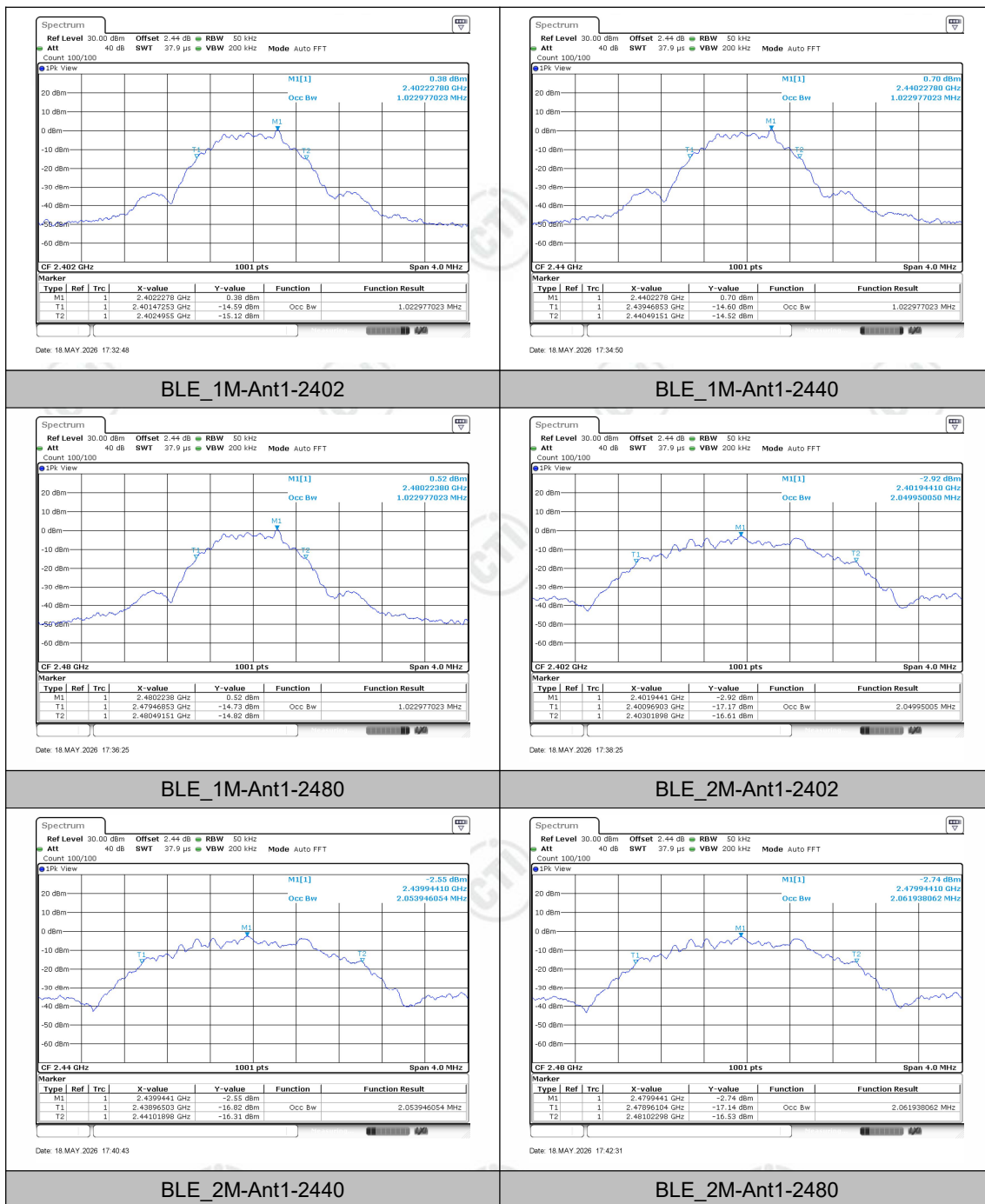


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0230	2401.4725	2402.4955	---	---
BLE_1M	Ant1	2440	1.0230	2439.4685	2440.4915	---	---
BLE_1M	Ant1	2480	1.0230	2479.4685	2480.4915	---	---
BLE_2M	Ant1	2402	2.0500	2400.9690	2403.0190	---	---
BLE_2M	Ant1	2440	2.0539	2438.9650	2441.0190	---	---
BLE_2M	Ant1	2480	2.0619	2478.9610	2481.0230	---	---

Test Graphs

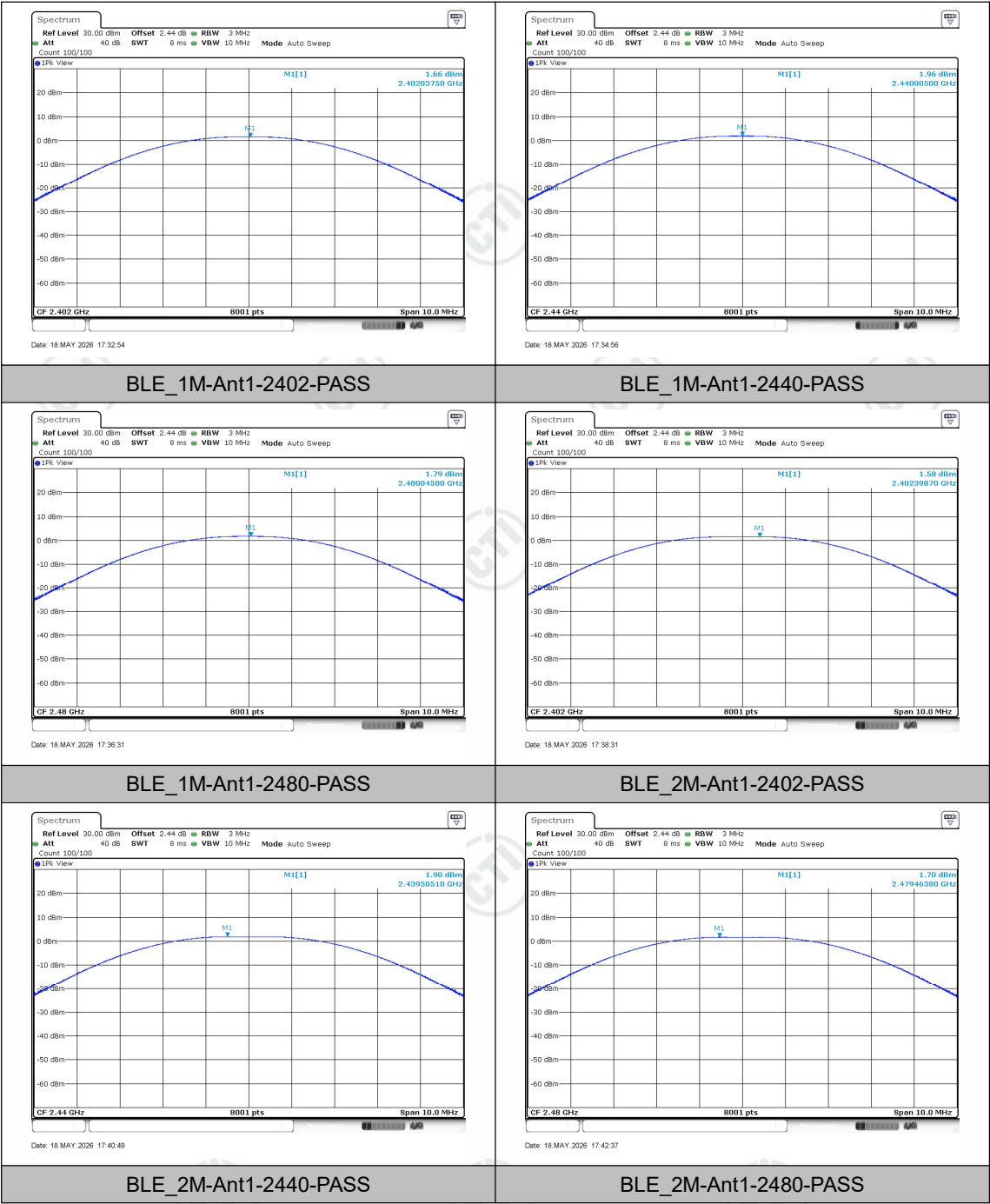


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.66	≤30	3.25	≤36	PASS
BLE_1M	Ant1	2440	1.96	≤30	3.55	≤36	PASS
BLE_1M	Ant1	2480	1.79	≤30	3.38	≤36	PASS
BLE_2M	Ant1	2402	1.58	≤30	3.17	≤36	PASS
BLE_2M	Ant1	2440	1.90	≤30	3.49	≤36	PASS
BLE_2M	Ant1	2480	1.70	≤30	3.29	≤36	PASS

Test Graphs Peak

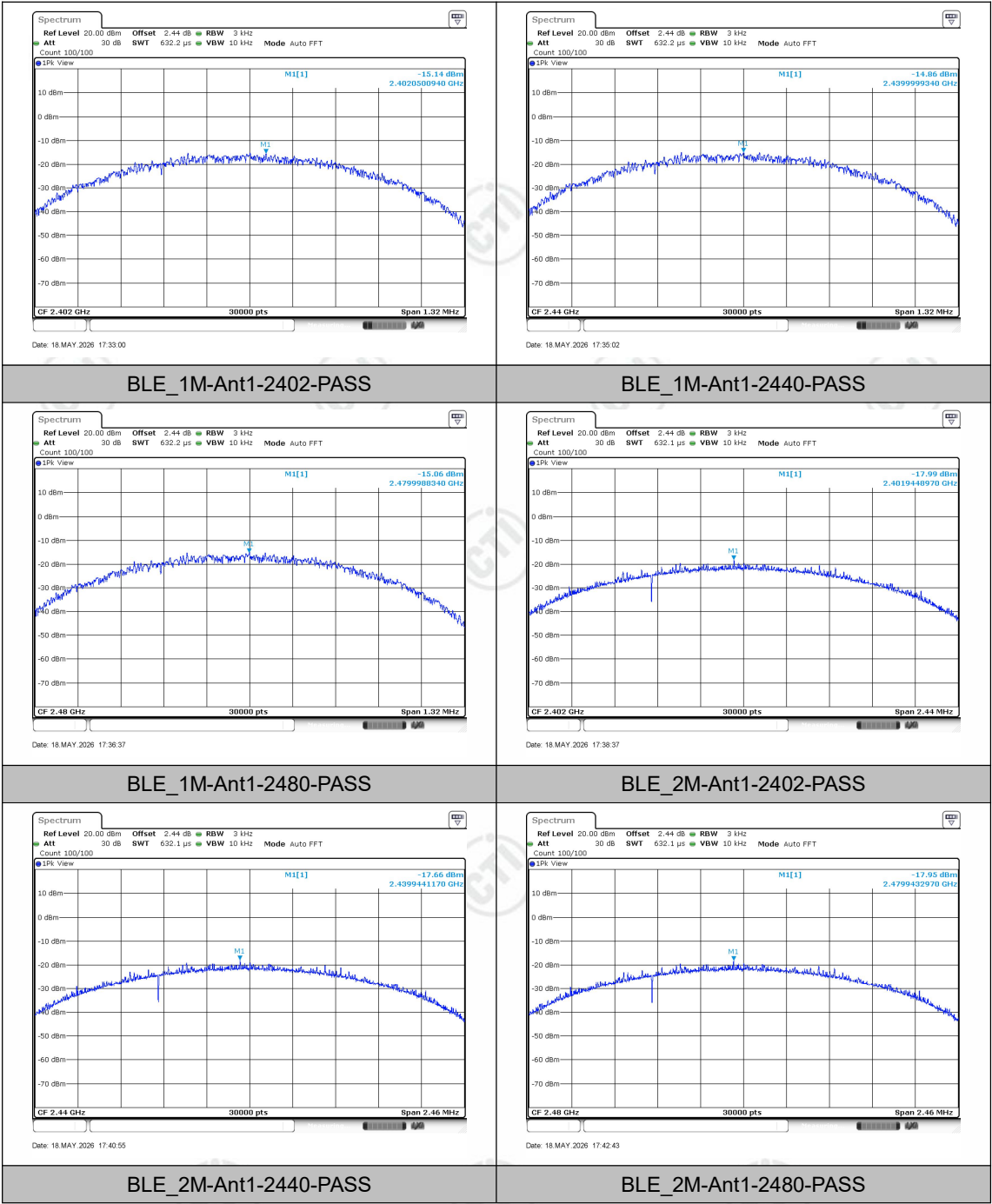


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.14	≤8.00	PASS
BLE_1M	Ant1	2440	-14.86	≤8.00	PASS
BLE_1M	Ant1	2480	-15.06	≤8.00	PASS
BLE_2M	Ant1	2402	-17.99	≤8.00	PASS
BLE_2M	Ant1	2440	-17.66	≤8.00	PASS
BLE_2M	Ant1	2480	-17.95	≤8.00	PASS

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	1.49	-53.68	≤-18.51	PASS
BLE_1M	Ant1	High	2480	1.35	-54.59	≤-18.65	PASS
BLE_2M	Ant1	Low	2402	-0.23	-32.96	≤-20.23	PASS
BLE_2M	Ant1	High	2480	0.58	-49.66	≤-19.42	PASS

Test Graphs

