

Appendix: Bluetooth LE

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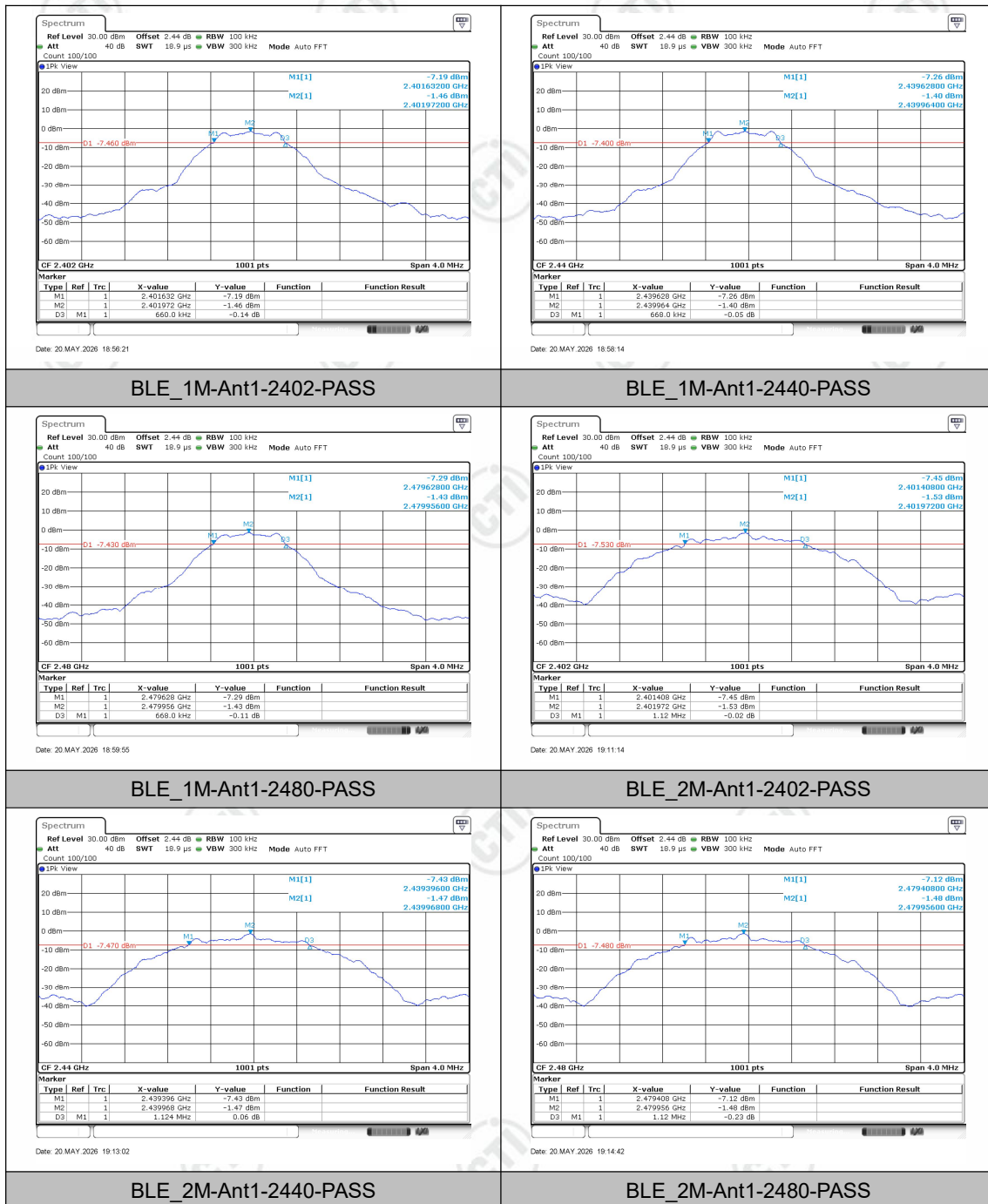
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.63	2402.29	0.5	PASS
BLE_1M	Ant1	2440	0.67	2439.63	2440.30	0.5	PASS
BLE_1M	Ant1	2480	0.67	2479.63	2480.30	0.5	PASS
BLE_2M	Ant1	2402	1.12	2401.41	2402.53	0.5	PASS
BLE_2M	Ant1	2440	1.12	2439.40	2440.52	0.5	PASS
BLE_2M	Ant1	2480	1.12	2479.41	2480.53	0.5	PASS

Test Graphs

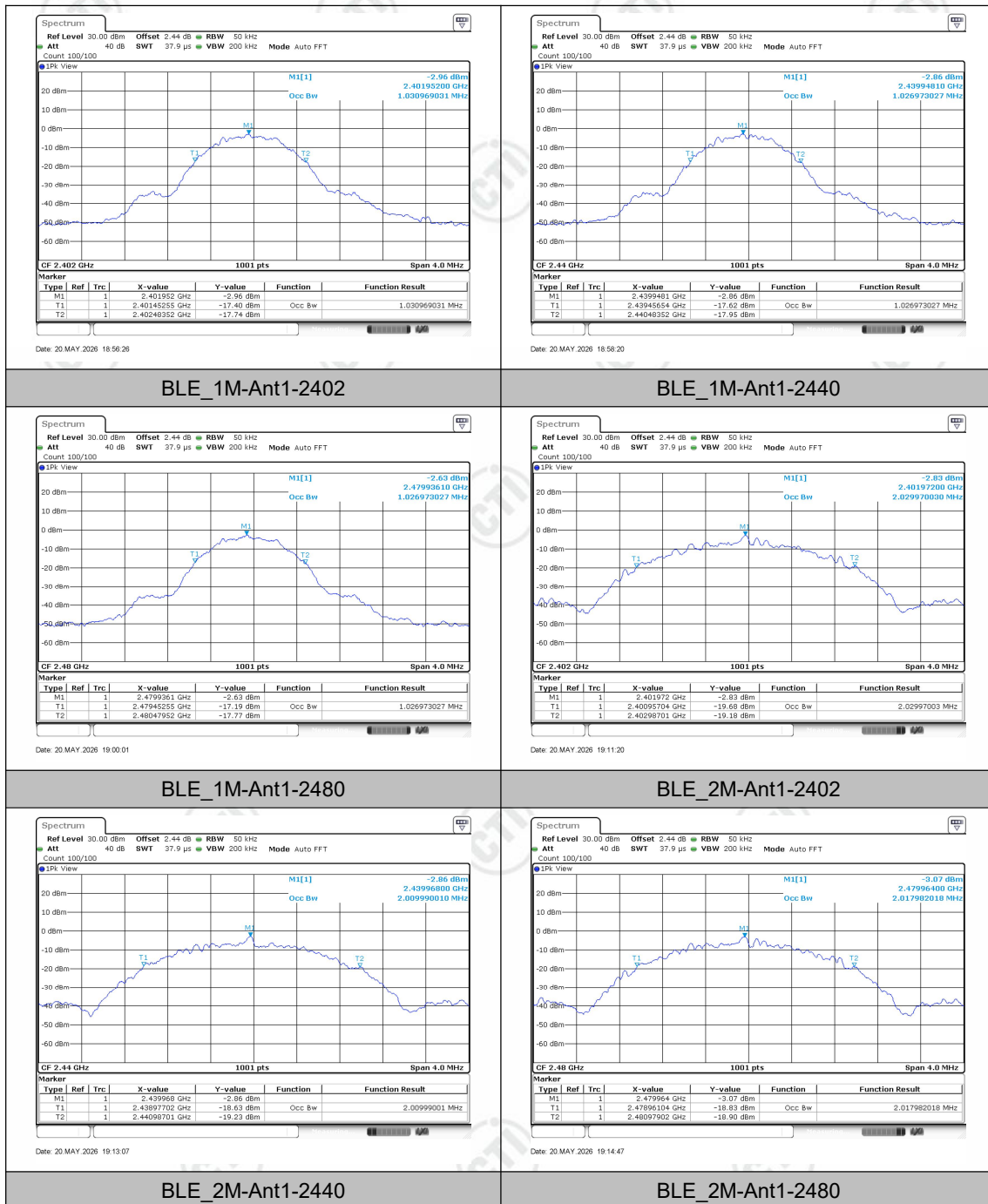


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0310	2401.4525	2402.4835	---	---
BLE_1M	Ant1	2440	1.0270	2439.4565	2440.4835	---	---
BLE_1M	Ant1	2480	1.0270	2479.4525	2480.4795	---	---
BLE_2M	Ant1	2402	2.0300	2400.9570	2402.9870	---	---
BLE_2M	Ant1	2440	2.0100	2438.9770	2440.9870	---	---
BLE_2M	Ant1	2480	2.0180	2478.9610	2480.9790	---	---

Test Graphs

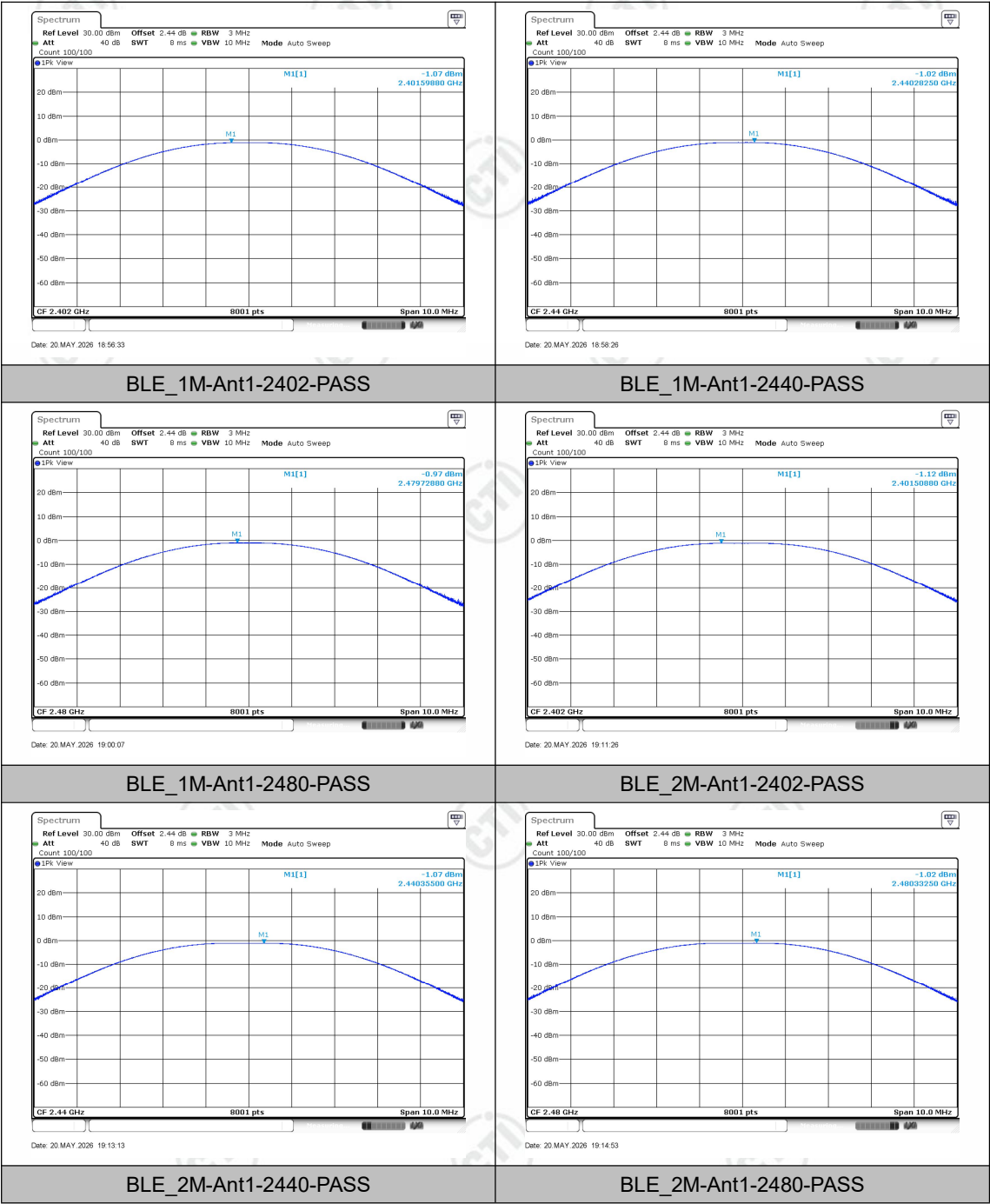


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.07	≤30	PASS
BLE_1M	Ant1	2440	-1.02	≤30	PASS
BLE_1M	Ant1	2480	-0.97	≤30	PASS
BLE_2M	Ant1	2402	-1.12	≤30	PASS
BLE_2M	Ant1	2440	-1.07	≤30	PASS
BLE_2M	Ant1	2480	-1.02	≤30	PASS

Test Graphs Peak

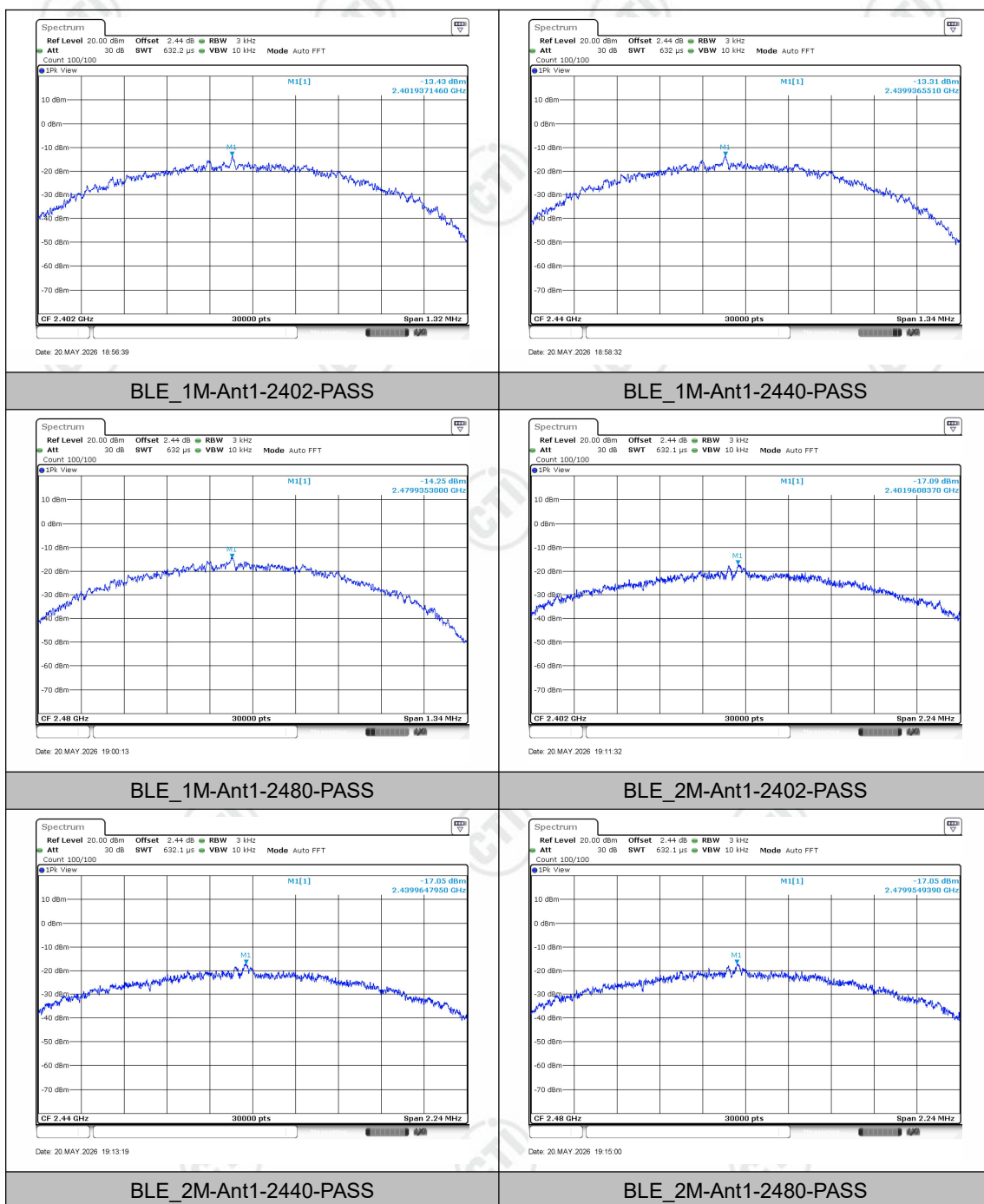


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.43	≤8.00	PASS
BLE_1M	Ant1	2440	-13.31	≤8.00	PASS
BLE_1M	Ant1	2480	-14.25	≤8.00	PASS
BLE_2M	Ant1	2402	-17.09	≤8.00	PASS
BLE_2M	Ant1	2440	-17.05	≤8.00	PASS
BLE_2M	Ant1	2480	-17.05	≤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	-1.43	-51.34	≤-21.43	PASS
BLE_1M	Ant1	High	2480	-1.50	-53.57	≤-21.5	PASS
BLE_2M	Ant1	Low	2402	-1.44	-34.68	≤-21.44	PASS
BLE_2M	Ant1	High	2480	-1.69	-53.28	≤-21.69	PASS