

Appendix for BLE

Contents

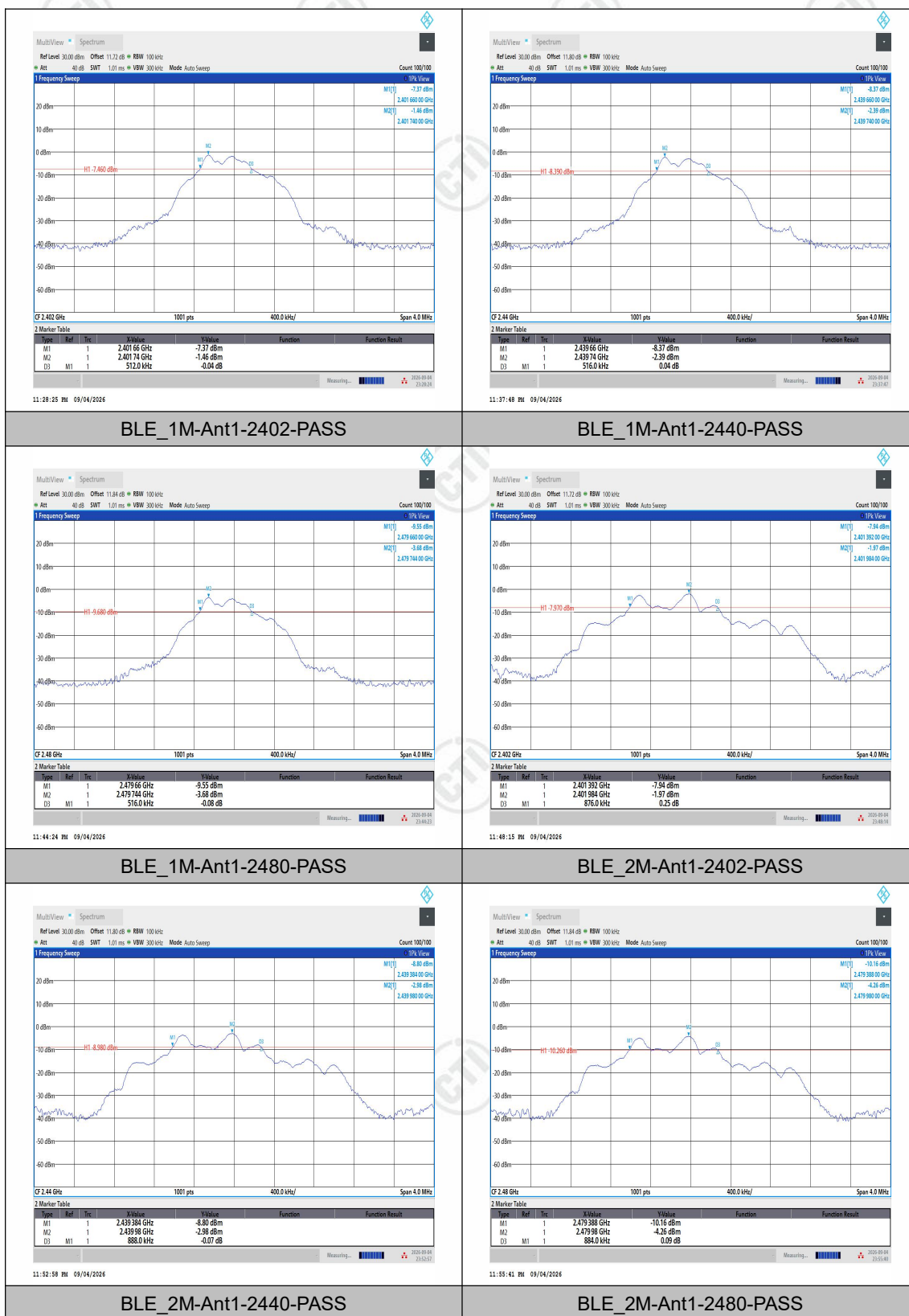
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.51	2401.66	2402.17	0.5	PASS
BLE_1M	Ant1	2440	0.52	2439.66	2440.18	0.5	PASS
BLE_1M	Ant1	2480	0.52	2479.66	2480.18	0.5	PASS
BLE_2M	Ant1	2402	0.88	2401.39	2402.27	0.5	PASS
BLE_2M	Ant1	2440	0.89	2439.38	2440.27	0.5	PASS
BLE_2M	Ant1	2480	0.88	2479.39	2480.27	0.5	PASS

Test Graphs

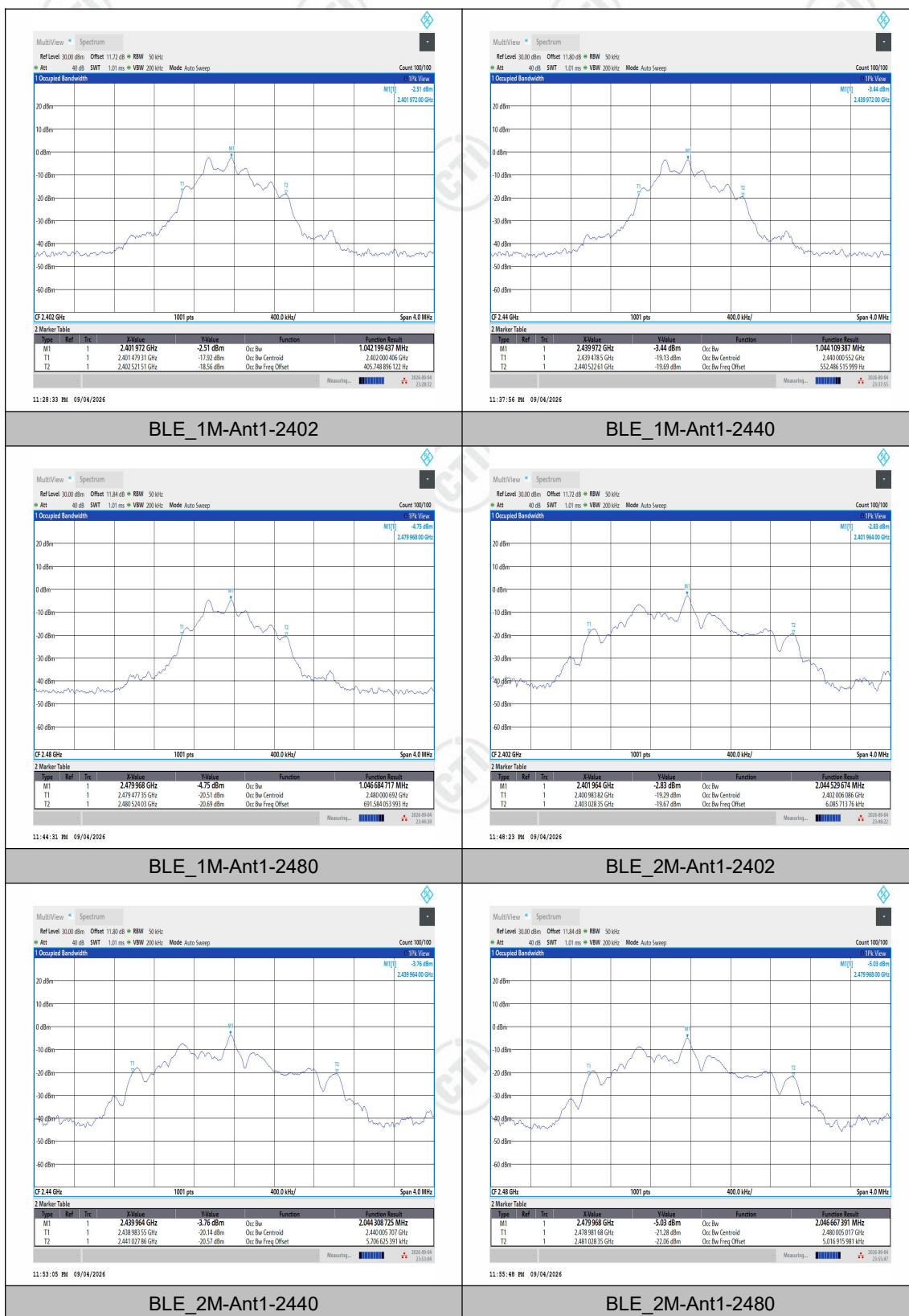


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0422	2401.4793	2402.5215	---	---
BLE_1M	Ant1	2440	1.0441	2439.4785	2440.5226	---	---
BLE_1M	Ant1	2480	1.0467	2479.4773	2480.5240	---	---
BLE_2M	Ant1	2402	2.0445	2400.9838	2403.0284	---	---
BLE_2M	Ant1	2440	2.0443	2438.9836	2441.0279	---	---
BLE_2M	Ant1	2480	2.0467	2478.9817	2481.0284	---	---

Test Graphs

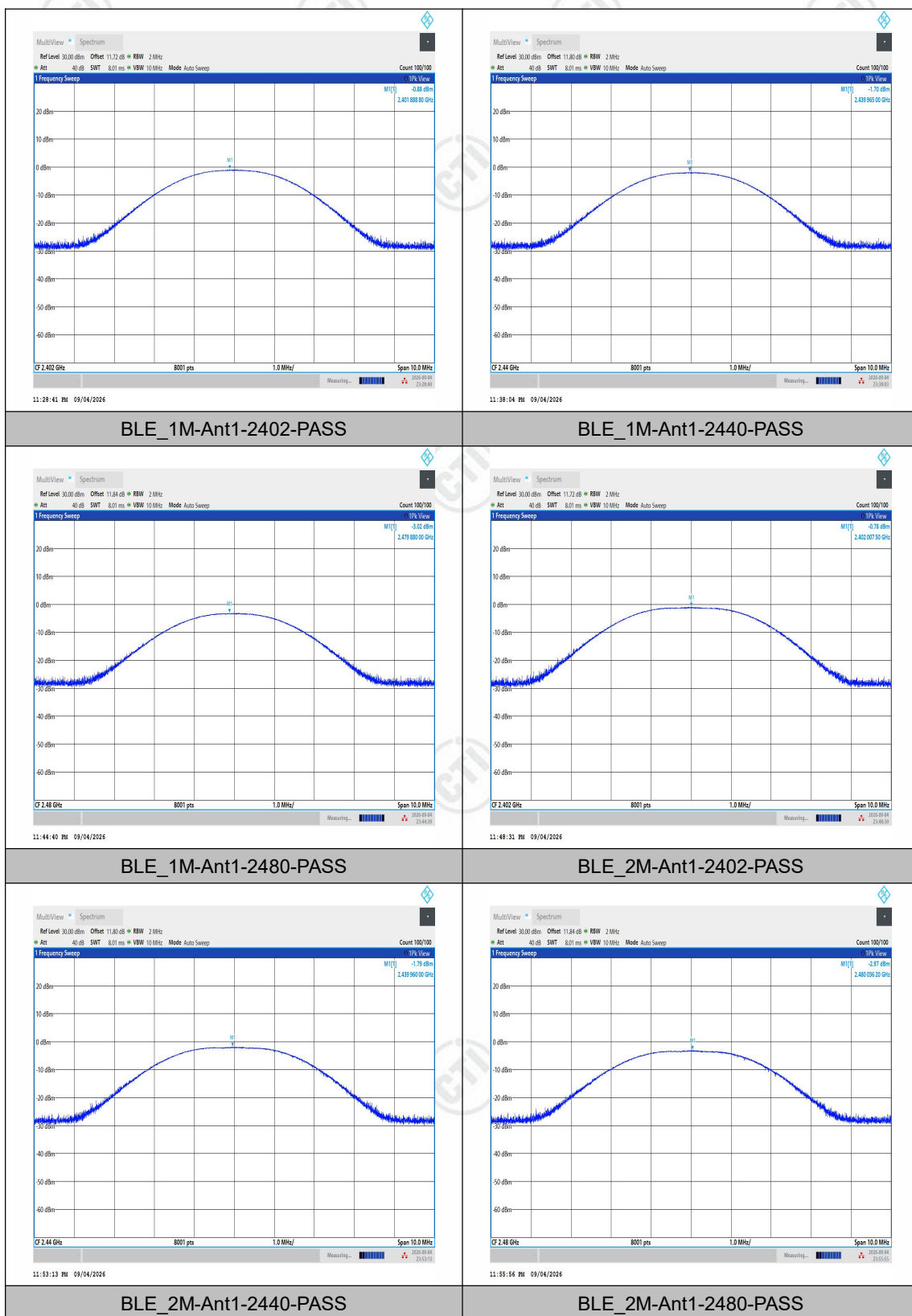


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.88	≤30	3.77	≤36	PASS
BLE_1M	Ant1	2440	-1.70	≤30	2.95	≤36	PASS
BLE_1M	Ant1	2480	-3.02	≤30	1.63	≤36	PASS
BLE_2M	Ant1	2402	-0.78	≤30	3.87	≤36	PASS
BLE_2M	Ant1	2440	-1.79	≤30	2.86	≤36	PASS
BLE_2M	Ant1	2480	-2.97	≤30	1.68	≤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	-18.62	≤8.00	PASS
BLE_1M	Ant1	2440	-19.59	≤8.00	PASS
BLE_1M	Ant1	2480	-20.89	≤8.00	PASS
BLE_2M	Ant1	2402	-21.41	≤8.00	PASS
BLE_2M	Ant1	2440	-22.33	≤8.00	PASS
BLE_2M	Ant1	2480	-23.69	≤8.00	PASS

Test Graphs

