

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.708	2401.652	2402.360	0.5	PASS
		2440	0.724	2439.640	2440.364	0.5	PASS
		2480	0.728	2479.640	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.372	2401.324	2402.696	0.5	PASS
		2440	1.384	2439.324	2440.708	0.5	PASS
		2480	1.392	2479.316	2480.708	0.5	PASS

Test Graphs




BLE_2M-Ant1-2402

BLE_2M-Ant1-2440

BLE_2M-Ant1-2480

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0453	2401.4901	2402.5354	---	---
		2440	1.0553	2439.4852	2440.5405	---	---
		2480	1.0632	2479.4805	2480.5437	---	---
BLE_2M	Ant1	2402	2.1135	2400.9695	2403.0830	---	---
		2440	2.1221	2438.9653	2441.0874	---	---
		2480	2.1378	2478.9557	2481.0935	---	---

Test Graphs





BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



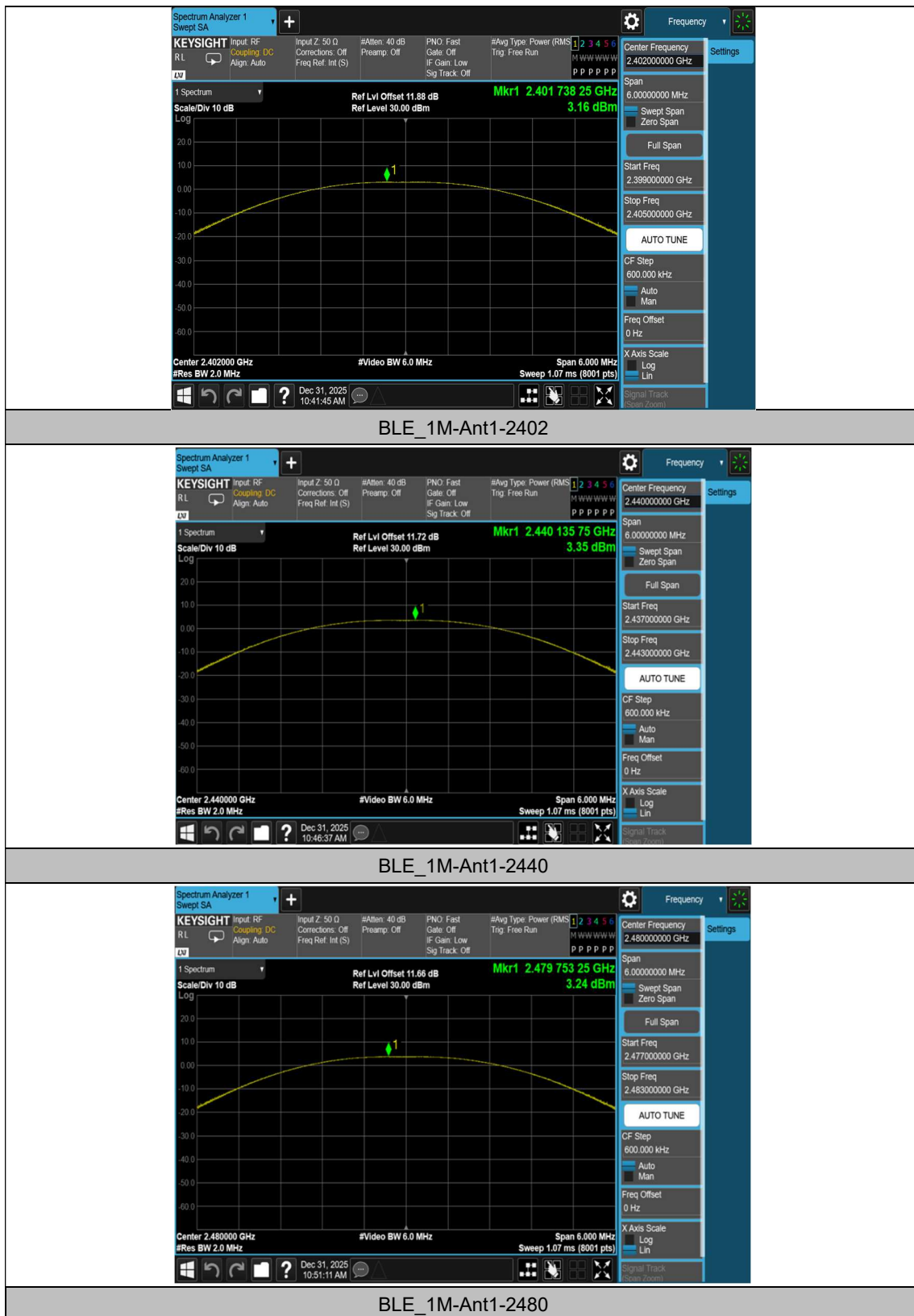
BLE_2M-Ant1-2480

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	3.16	≤30	3.78	≤36	PASS
		2440	3.35	≤30	3.97	≤36	PASS
		2480	3.24	≤30	3.86	≤36	PASS
BLE_2M	Ant1	2402	3.16	≤30	3.78	≤36	PASS
		2440	3.15	≤30	3.77	≤36	PASS
		2480	3.21	≤30	3.83	≤36	PASS

Test Graphs Peak





BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



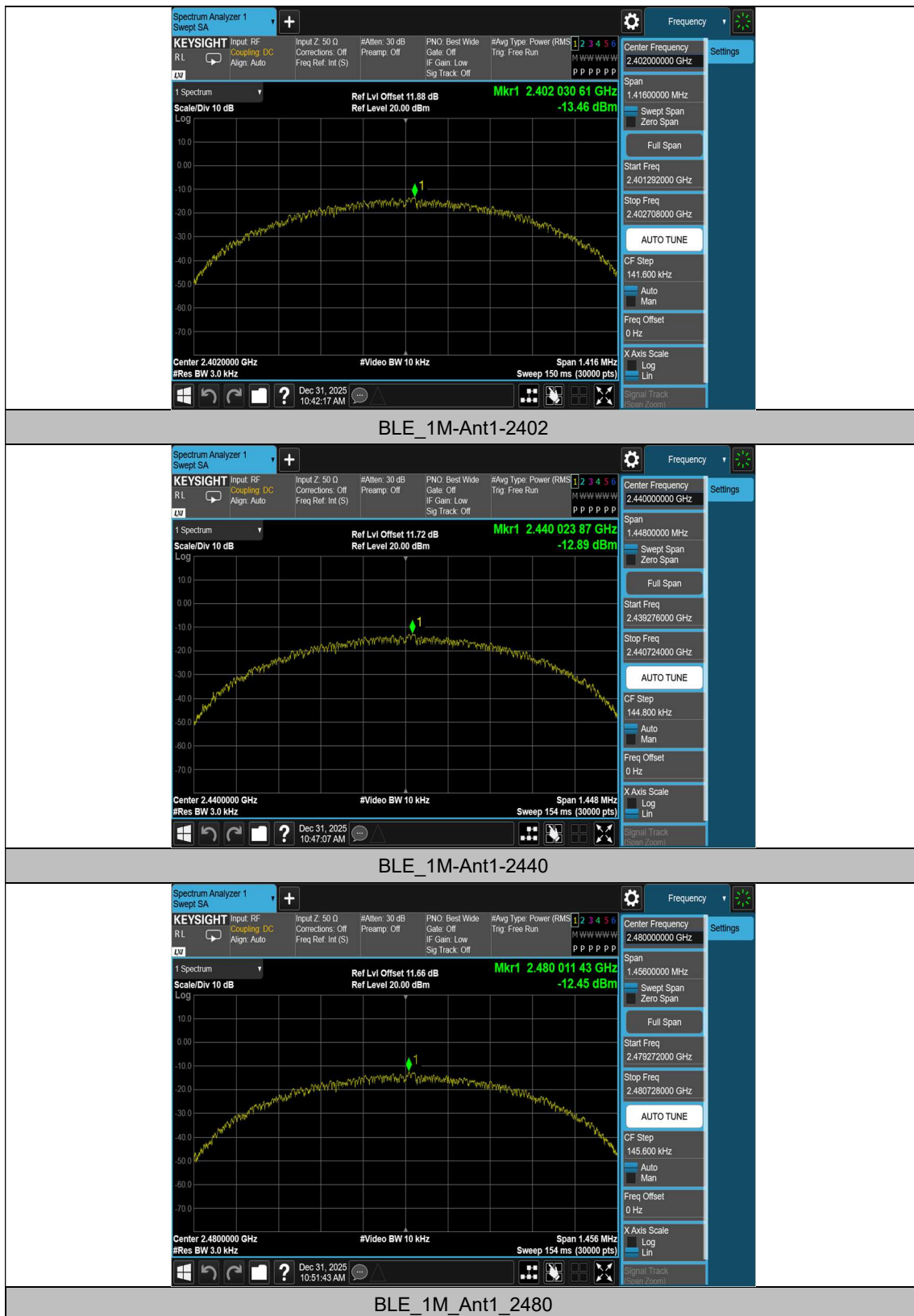
BLE_2M-Ant1-2480

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.46	≤8.00	PASS
		2440	-12.89	≤8.00	PASS
		2480	-12.46	≤8.00	PASS
BLE_2M	Ant1	2402	-18.73	≤8.00	PASS
		2440	-18.14	≤8.00	PASS
		2480	-17.84	≤8.00	PASS

Test Graphs





BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



BLE_2M-Ant1-2480

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.24	-46.53	≤-17.76	PASS
		High	2480	3.03	-46.53	≤-16.97	PASS
BLE_2M	Ant1	Low	2402	0.64	-32.2	≤-19.36	PASS
		High	2480	1.17	-44.52	≤-18.83	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	0~Reference	2.04	2.04	---	PASS
			30~1000	2.04	-57.63	≤-17.96	PASS
			1000~26500	2.04	-43.08	≤-17.96	PASS
		2440	0~Reference	2.63	2.63	---	PASS
			30~1000	2.63	-57.49	≤-17.37	PASS
			1000~26500	2.63	-43.69	≤-17.37	PASS
		2480	0~Reference	2.76	2.76	---	PASS
			30~1000	2.76	-58.94	≤-17.24	PASS
			1000~26500	2.76	-46.49	≤-17.24	PASS
BLE_2M	Ant1	2402	0~Reference	-0.15	-0.15	---	PASS
			30~1000	-0.15	-58.22	≤-20.15	PASS
			1000~26500	-0.15	-43.51	≤-20.15	PASS
		2440	0~Reference	0.35	0.35	---	PASS
			30~1000	0.35	-57.82	≤-19.65	PASS
			1000~26500	0.35	-45.75	≤-19.65	PASS
		2480	0~Reference	0.42	0.42	---	PASS
			30~1000	0.42	-58.07	≤-19.58	PASS
			1000~26500	0.42	-46.16	≤-19.58	PASS

Test Graphs




BLE_1M-Ant1-2440-0~Reference

BLE_1M-Ant1-2440-30~1000

BLE_1M_Ant1_2440_1000~26500



BLE_1M-Ant1-2480-0~Reference



BLE_1M-Ant1-2480-30~1000



BLE_1M_Ant1_2480_1000~26500


BLE_2M-Ant1-2402-0~Reference

BLE_2M-Ant1-2402-30~1000

BLE_2M-Ant1-2402-1000~26500