

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.704	2401.656	2402.360	0.5	PASS
		2440	0.724	2439.644	2440.368	0.5	PASS
		2480	0.724	2479.644	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.372	2401.324	2402.696	0.5	PASS
		2440	1.376	2439.324	2440.700	0.5	PASS
		2480	1.224	2479.368	2480.592	0.5	PASS

Test Graphs




BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS

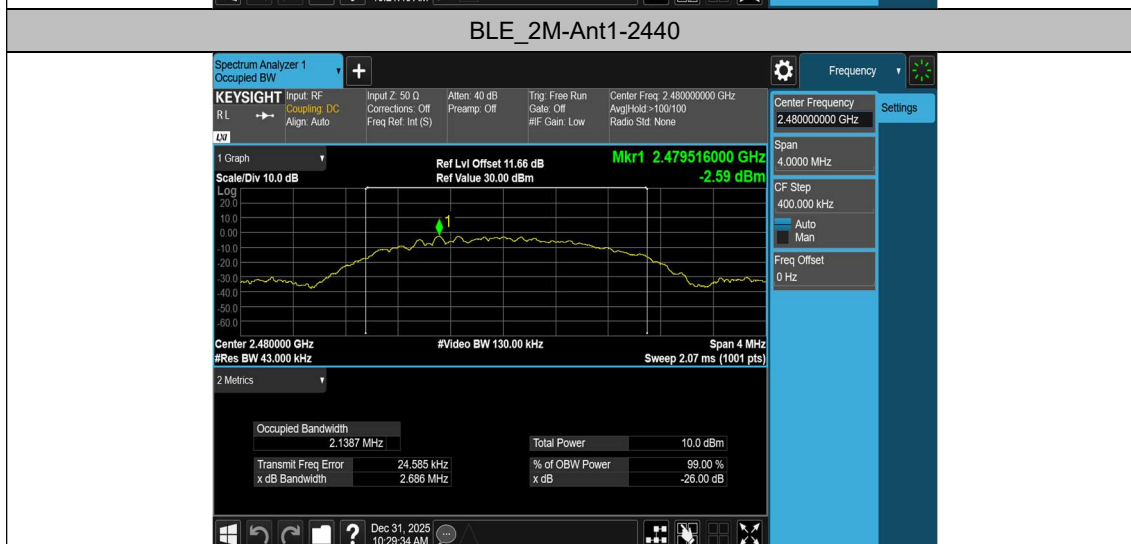
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0457	2401.4890	2402.5347	---	---
		2440	1.0560	2439.4852	2440.5412	---	---
		2480	1.0639	2479.4810	2480.5449	---	---
BLE_2M	Ant1	2402	2.1144	2400.9700	2403.0844	---	---
		2440	2.1259	2438.9631	2441.0890	---	---
		2480	2.1387	2478.9552	2481.0939	---	---

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	3.23	≤30	3.85	≤36	PASS
		2440	3.23	≤30	3.85	≤36	PASS
		2480	3.35	≤30	3.97	≤36	PASS
BLE_2M	Ant1	2402	3.17	≤30	3.79	≤36	PASS
		2440	3.15	≤30	3.77	≤36	PASS
		2480	3.37	≤30	3.99	≤36	PASS

Test Graphs Peak



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



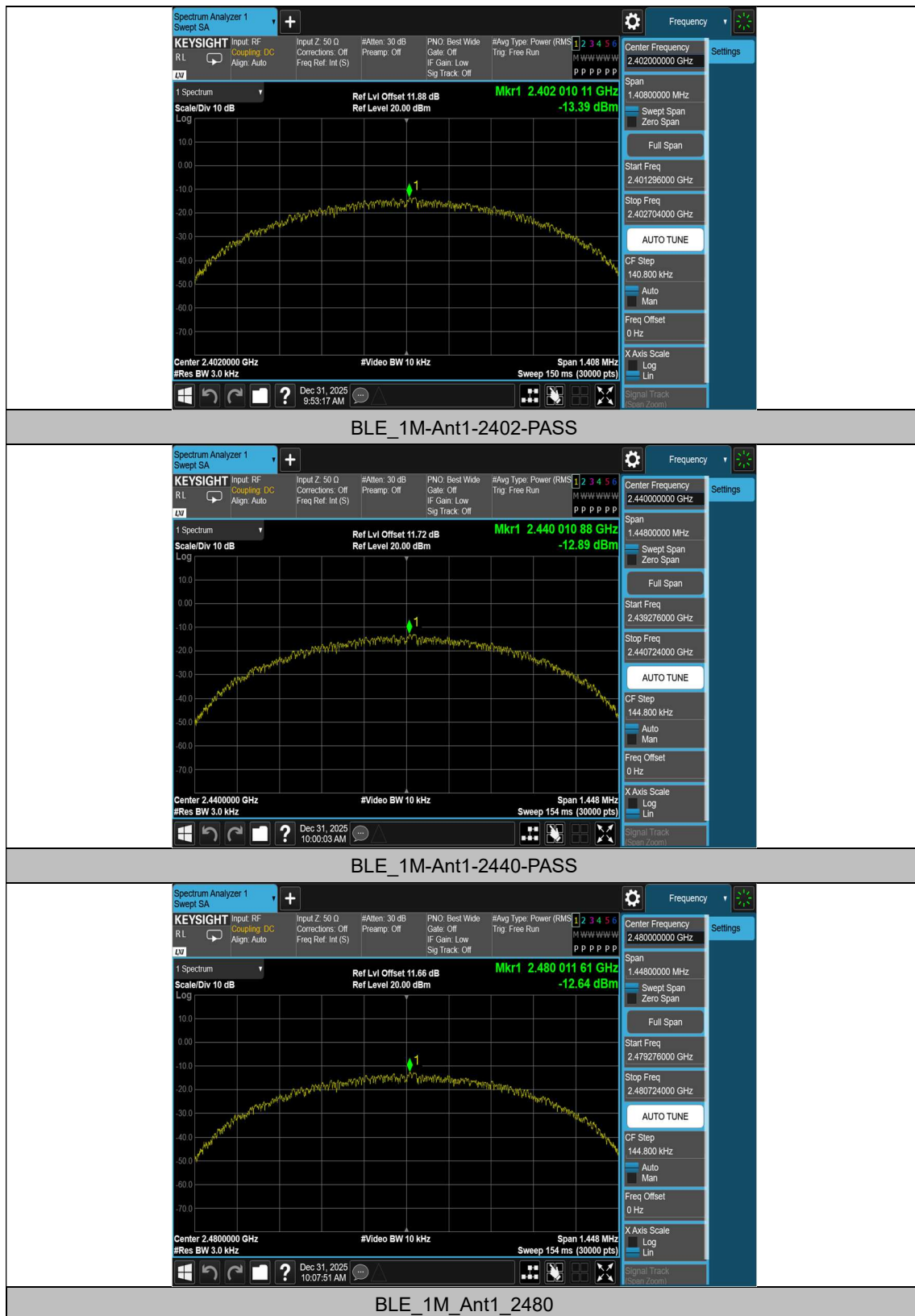
BLE_2M-Ant1-2480-PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.39	≤8.00	PASS
		2440	-12.89	≤8.00	PASS
		2480	-12.64	≤8.00	PASS
BLE_2M	Ant1	2402	-18.73	≤8.00	PASS
		2440	-18.03	≤8.00	PASS
		2480	-17.76	≤8.00	PASS

Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.22	-46.8	≤-17.78	PASS
		High	2480	3.07	-46.59	≤-16.93	PASS
BLE_2M	Ant1	Low	2402	0.61	-31.22	≤-19.39	PASS
		High	2480	1.22	-44.83	≤-18.78	PASS

Test Graphs





Appendix F: Conducted Spurious Emission

Test Result

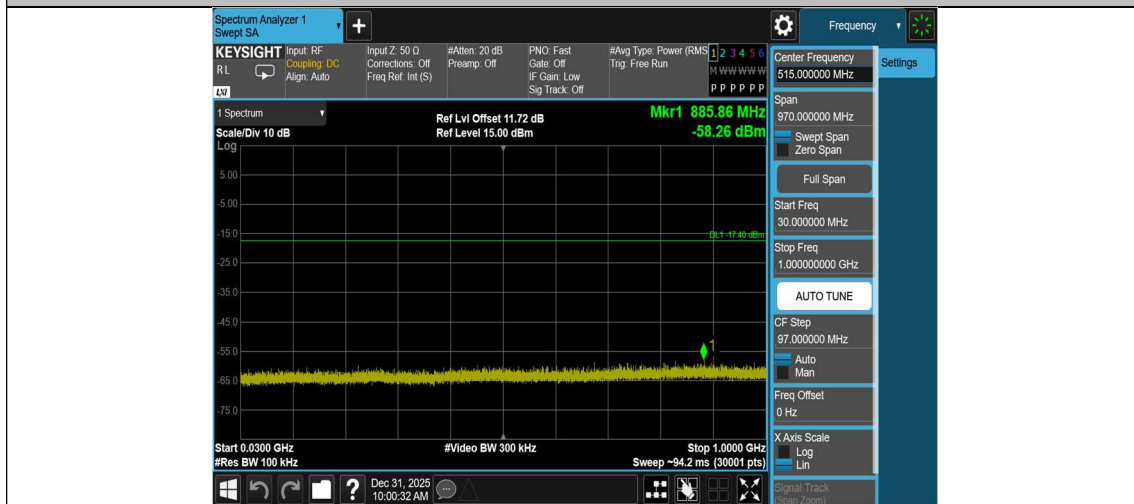
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.02	2.02	---	PASS
			30~1000	2.02	-58.2	≤-17.98	PASS
			1000~26500	2.02	-43.2	≤-17.98	PASS
		2440	0~Reference	2.60	2.60	---	PASS
			30~1000	2.60	-58.26	≤-17.4	PASS
			1000~26500	2.60	-44.36	≤-17.4	PASS
		2480	0~Reference	2.78	2.78	---	PASS
			30~1000	2.78	-58.62	≤-17.22	PASS
			1000~26500	2.78	-45.45	≤-17.22	PASS
BLE_2M	Ant1	2402	0~Reference	-0.07	-0.07	---	PASS
			30~1000	-0.07	-57.91	≤-20.07	PASS
			1000~26500	-0.07	-45.43	≤-20.07	PASS
		2440	0~Reference	0.43	0.43	---	PASS
			30~1000	0.43	-59.22	≤-19.57	PASS
			1000~26500	0.43	-45.06	≤-19.57	PASS
		2480	0~Reference	0.52	0.52	---	PASS
			30~1000	0.52	-58.32	≤-19.48	PASS
			1000~26500	0.52	-48.52	≤-19.48	PASS

Test Graphs





BLE_1M-Ant1-2440-0~Reference-PASS



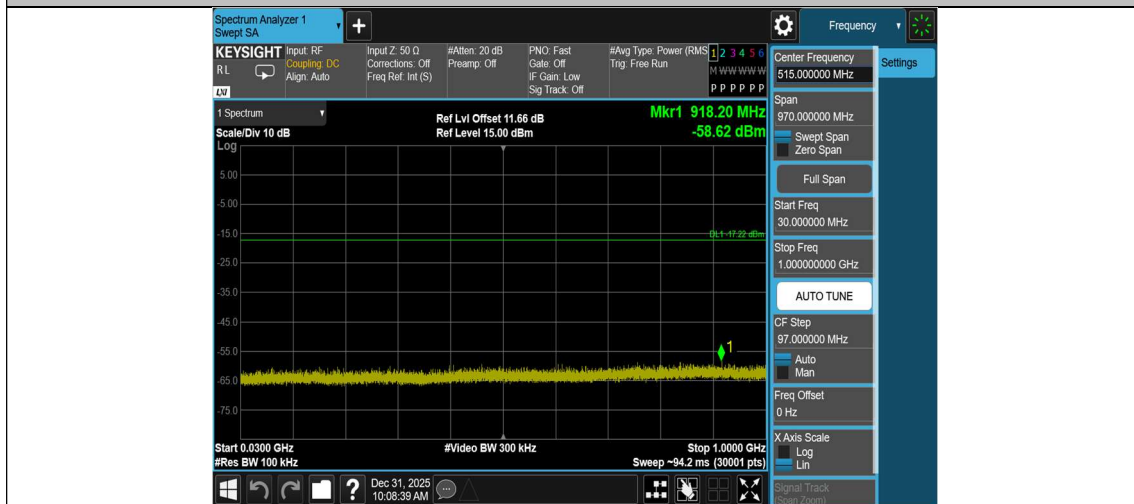
BLE_1M-Ant1-2440-30~1000-PASS



BLE_1M_Ant1_2440_1000~26500



BLE_1M-Ant1-2480-0~Reference-PASS



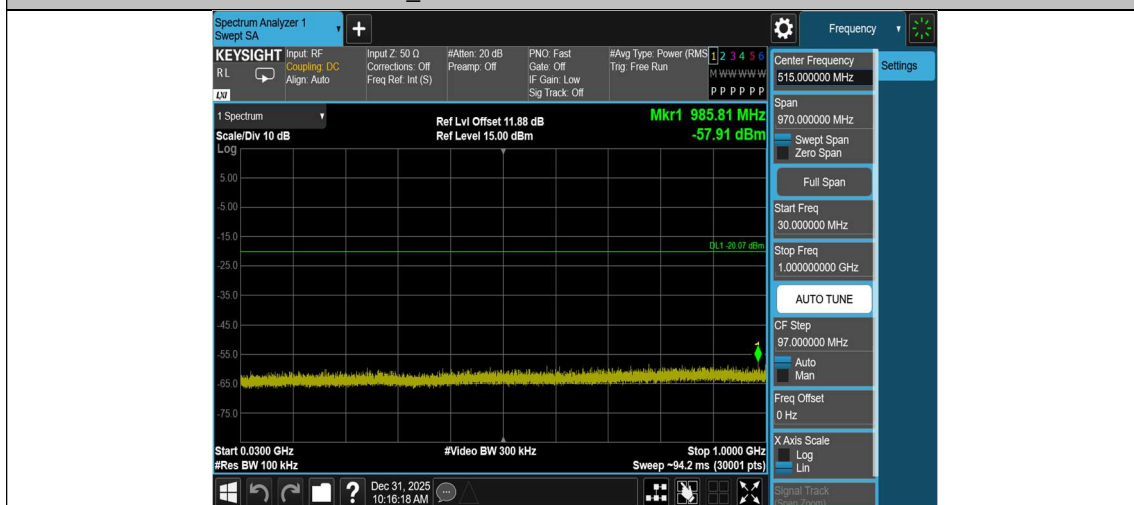
BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M_Ant1_2480_1000~26500



BLE_2M-Ant1-2402-0~Reference-PASS



BLE_2M-Ant1-2402-30~1000-PASS



BLE_2M-Ant1-2402-1000~26500-PASS