

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.652	2402.364	0.5	PASS
		2440	0.712	2439.664	2440.376	0.5	PASS
		2480	0.728	2479.648	2480.376	0.5	PASS
BLE_2M	Ant1	2402	1.372	2401.332	2402.704	0.5	PASS
		2440	1.380	2439.328	2440.708	0.5	PASS
		2480	1.368	2479.336	2480.704	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	1.0429	2401.4988	2402.5417	---	---
		2440	1.0458	2439.4981	2440.5439	---	---
		2480	1.0502	2479.4971	2480.5473	---	---
BLE_2M	Ant1	2402	2.0986	2400.9868	2403.0854	---	---
		2440	2.1010	2438.9863	2441.0873	---	---
		2480	2.1011	2478.9839	2481.0850	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



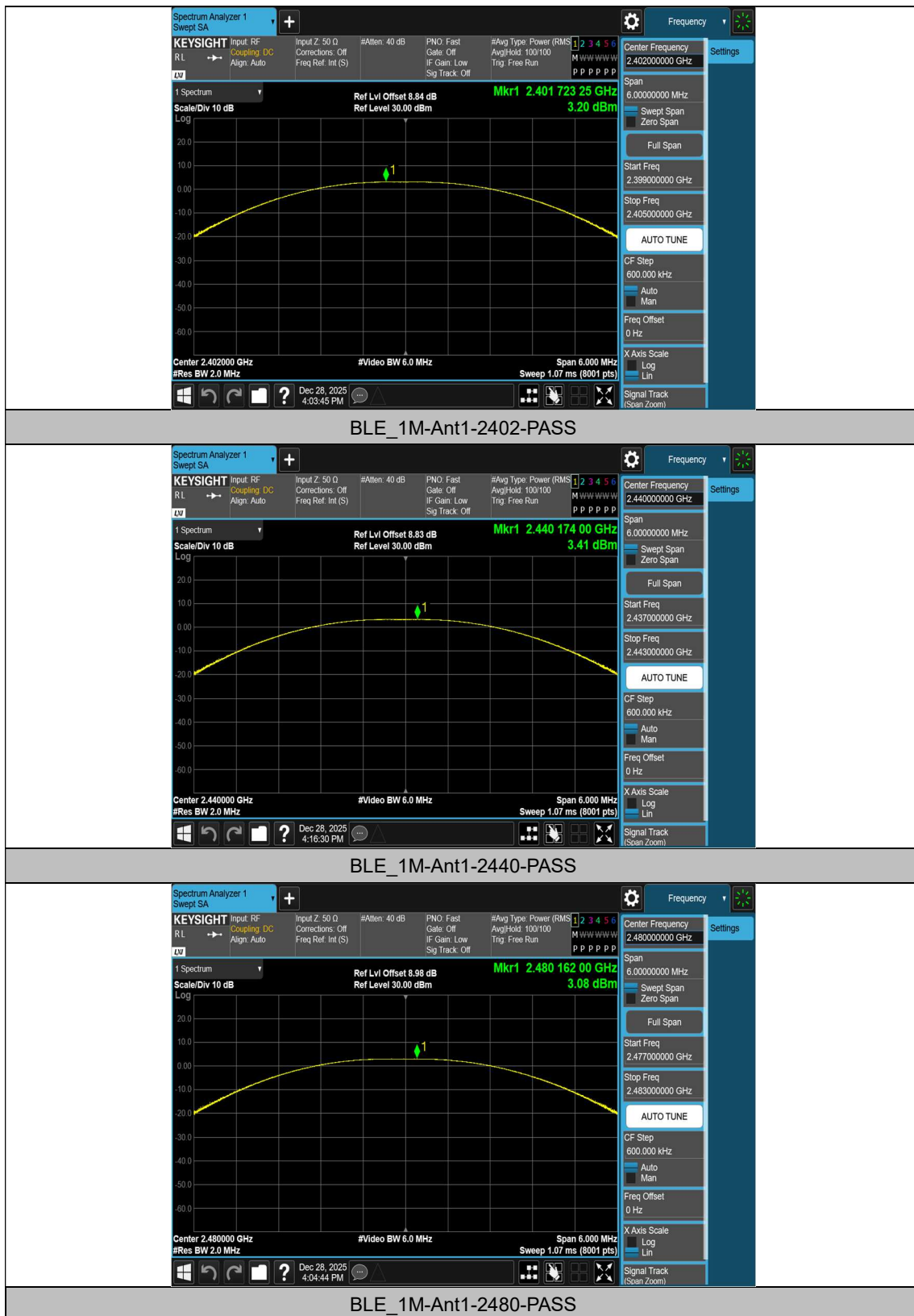
BLE_2M_Ant1_2480

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	3.20	≤30	3.4	≤36	PASS
		2440	3.41	≤30	3.61	≤36	PASS
		2480	3.08	≤30	3.28	≤36	PASS
BLE_2M	Ant1	2402	3.46	≤30	3.66	≤36	PASS
		2440	3.37	≤30	3.57	≤36	PASS
		2480	3.32	≤30	3.52	≤36	PASS

Test Graphs Peak




BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2440-PASS

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	-13.42	≤8.00	PASS
		2440	-13.08	≤8.00	PASS
		2480	-12.98	≤8.00	PASS
BLE_2M	Ant1	2402	-18.19	≤8.00	PASS
		2440	-18.38	≤8.00	PASS
		2480	-18.32	≤8.00	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

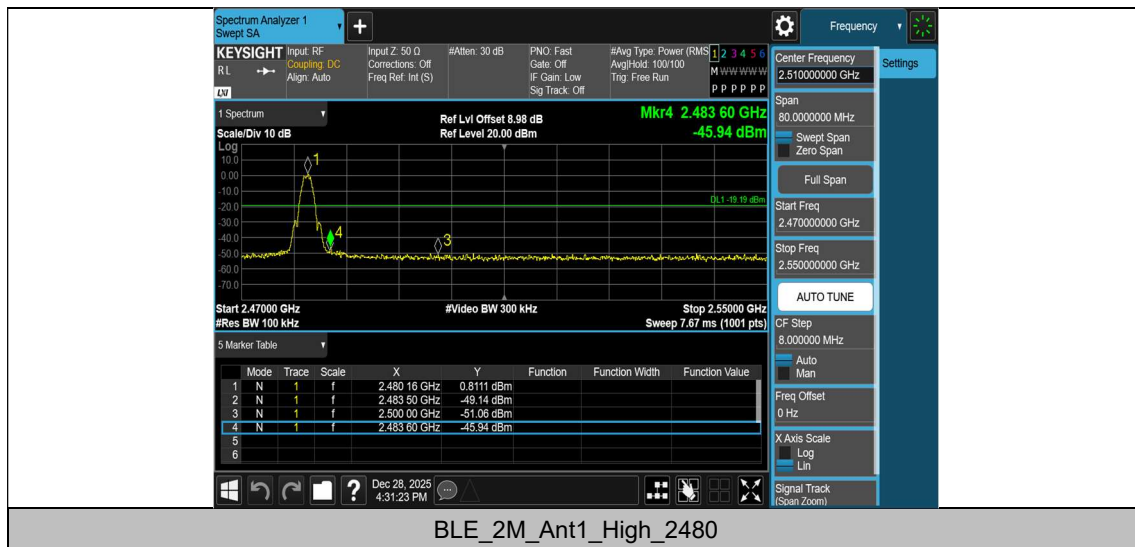
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.35	-50.42	≤-18.33	PASS
		High	2480	2.58	-49.92	≤-18.81	PASS
BLE_2M	Ant1	Low	2402	0.79	-33.01	≤-20	PASS
		High	2480	0.81	-45.94	≤-20.2	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	Reference	1.13	1.13	---	PASS
			30~1000	1.13	-61.5	≤-18.87	PASS
			1000~26500	1.13	-42.12	≤-18.87	PASS
		2440	Reference	2.44	2.44	---	PASS
			30~1000	2.44	-61.65	≤-17.56	PASS
			1000~26500	2.44	-42.3	≤-17.56	PASS
		2480	Reference	2.34	2.34	---	PASS
			30~1000	2.34	-61.75	≤-17.66	PASS
			1000~26500	2.34	-45	≤-17.66	PASS
BLE_2M	Ant1	2402	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-62.18	≤-19.94	PASS
			1000~26500	0.06	-42.51	≤-19.94	PASS
		2440	Reference	-0.11	-0.11	---	PASS
			30~1000	-0.11	-61.51	≤-20.11	PASS
			1000~26500	-0.11	-44.65	≤-20.11	PASS
		2480	Reference	-0.04	-0.04	---	PASS
			30~1000	-0.04	-61.94	≤-20.04	PASS
			1000~26500	-0.04	-44.04	≤-20.04	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



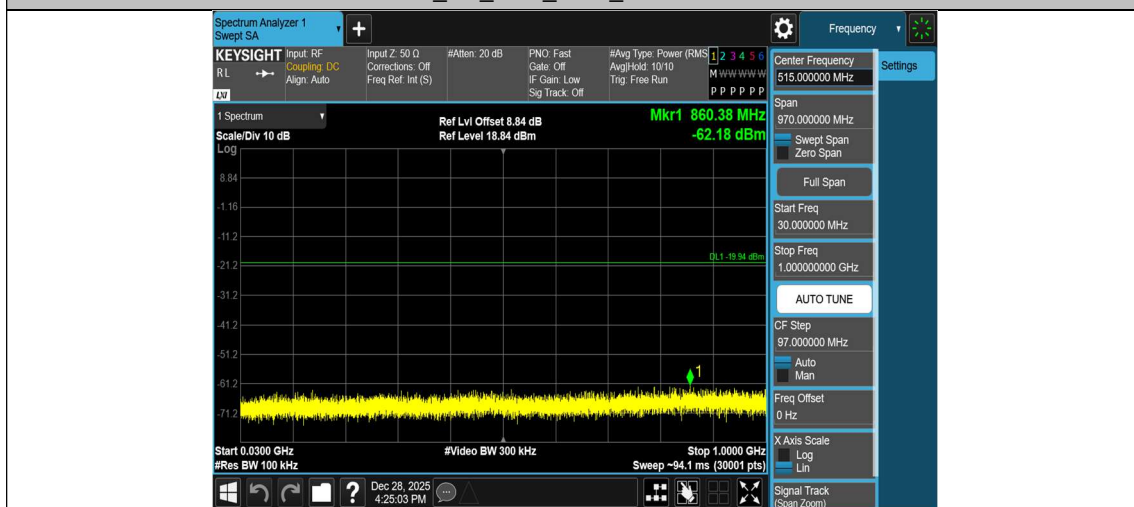
BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



BLE_2M_Ant1_2402_1000~26500