

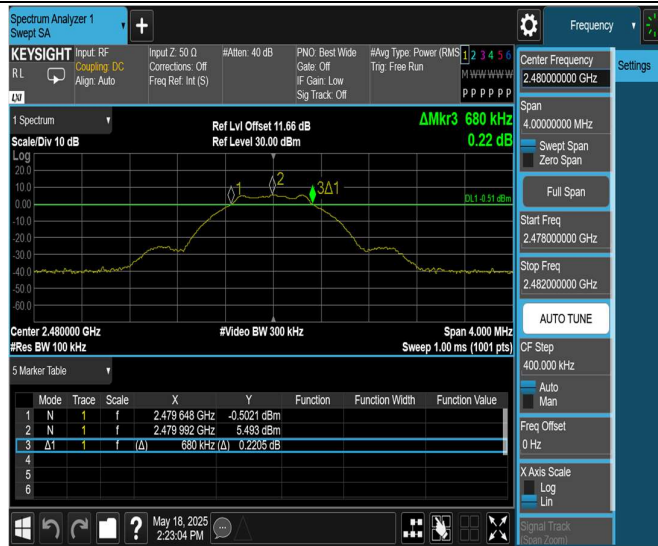
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.652	2402.328	0.5	PASS
		2440	0.684	2439.652	2440.336	0.5	PASS
		2480	0.680	2479.648	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.176	2401.412	2402.588	0.5	PASS
		2440	1.144	2439.436	2440.580	0.5	PASS
		2480	1.160	2479.424	2480.584	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	1.0301	2401.4825	2402.5126	---	---
		2440	1.0284	2439.4842	2440.5126	---	---
		2480	1.0271	2479.4841	2480.5112	---	---
BLE_2M	Ant1	2402	2.0624	2400.9915	2403.0539	---	---
		2440	2.0658	2438.9904	2441.0562	---	---
		2480	2.0621	2478.9906	2481.0527	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



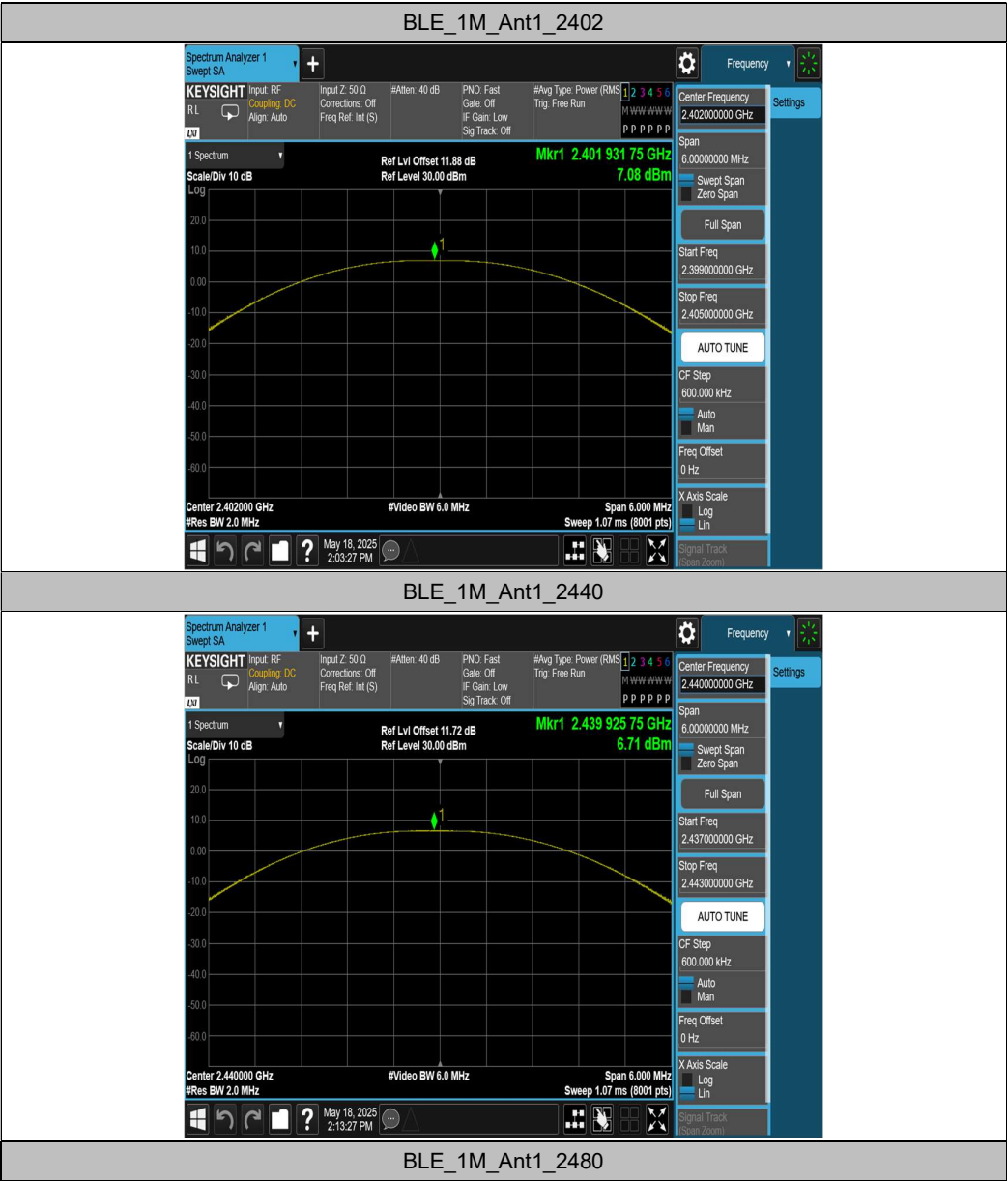


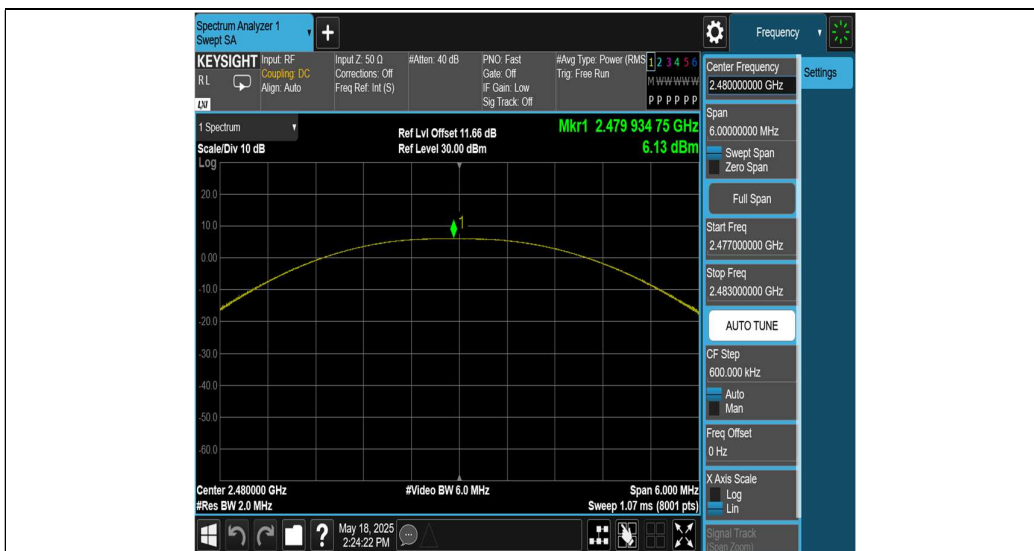
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.08	≤30	10.58	≤36	PASS
		2440	6.71	≤30	10.21	≤36	PASS
		2480	6.13	≤30	9.63	≤36	PASS
BLE_2M	Ant1	2402	6.84	≤30	10.34	≤36	PASS
		2440	6.55	≤30	10.05	≤36	PASS
		2480	5.87	≤30	9.37	≤36	PASS

Test Graphs Peak





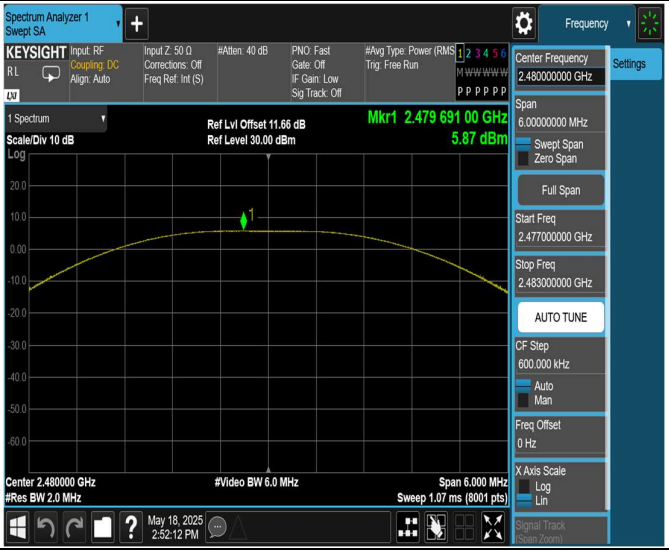
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

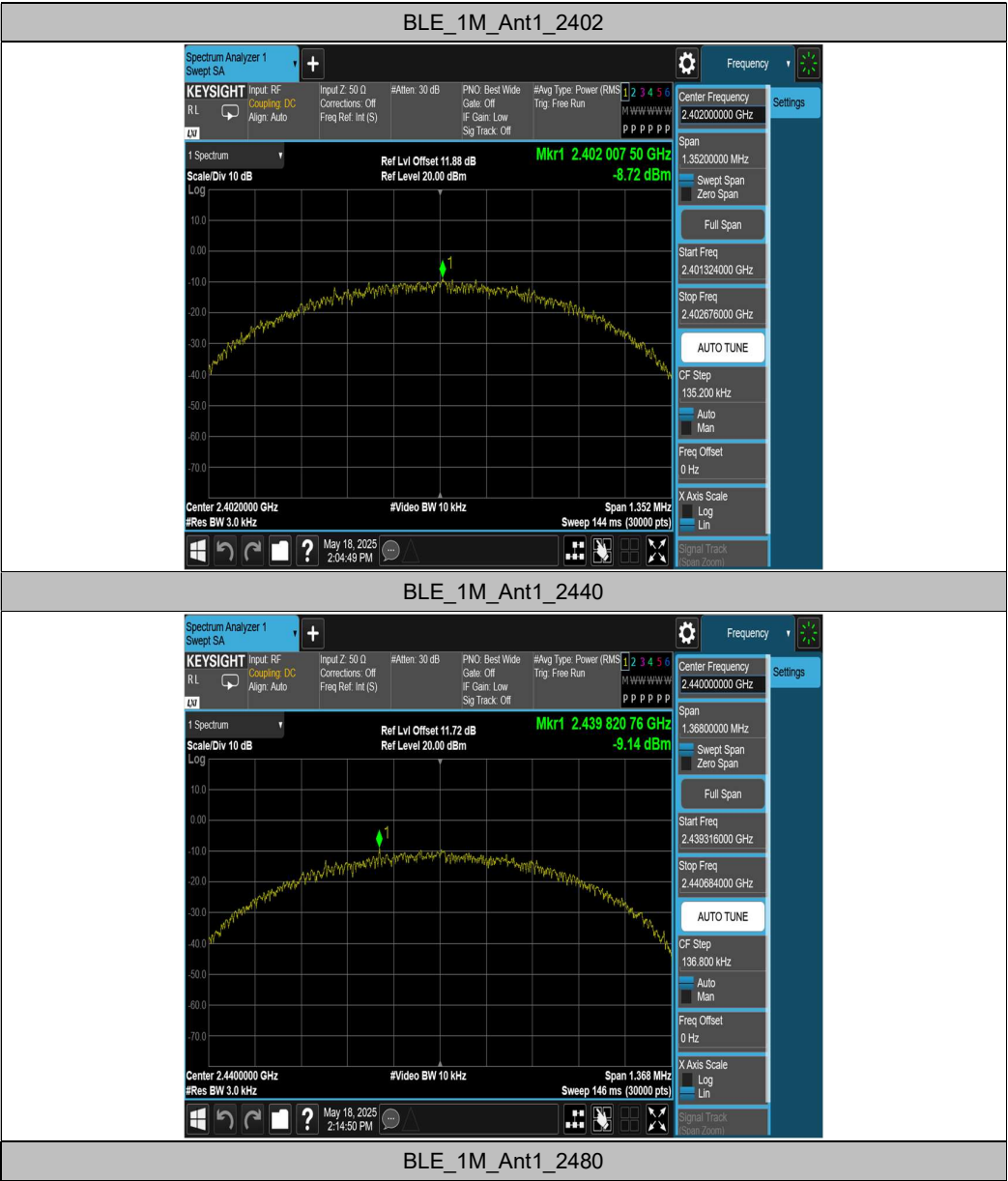


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.72	≤8.00	PASS
		2440	-9.14	≤8.00	PASS
		2480	-10.23	≤8.00	PASS
BLE_2M	Ant1	2402	-10.79	≤8.00	PASS
		2440	-10.82	≤8.00	PASS
		2480	-11.58	≤8.00	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



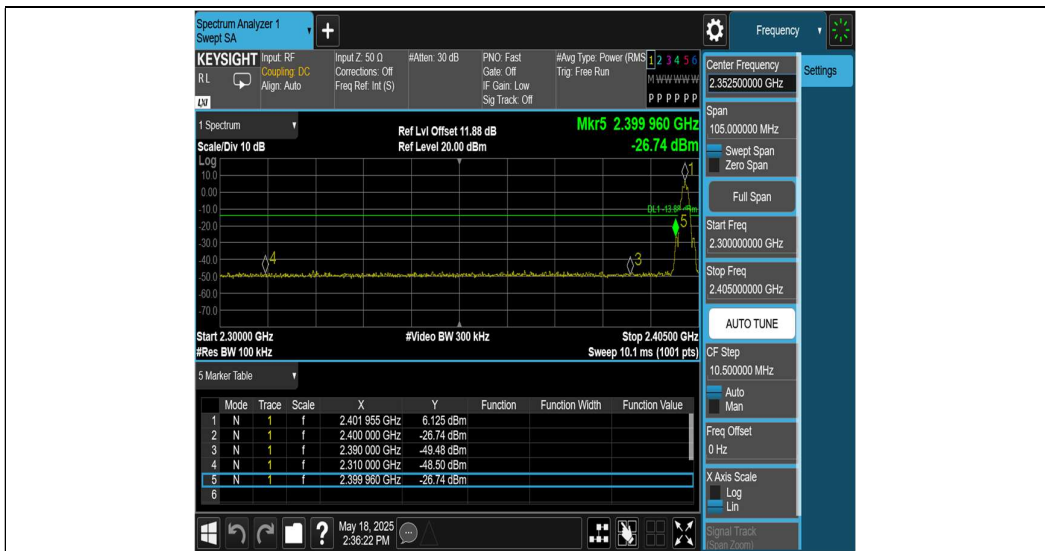
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.13	-47	≤-13.88	PASS
		High	2480	5.51	-46.96	≤-14.49	PASS
BLE_2M	Ant1	Low	2402	6.13	-26.74	≤-13.88	PASS
		High	2480	5.17	-46.13	≤-14.83	PASS

Test Graphs





BLE_2M_Ant1_High_2480

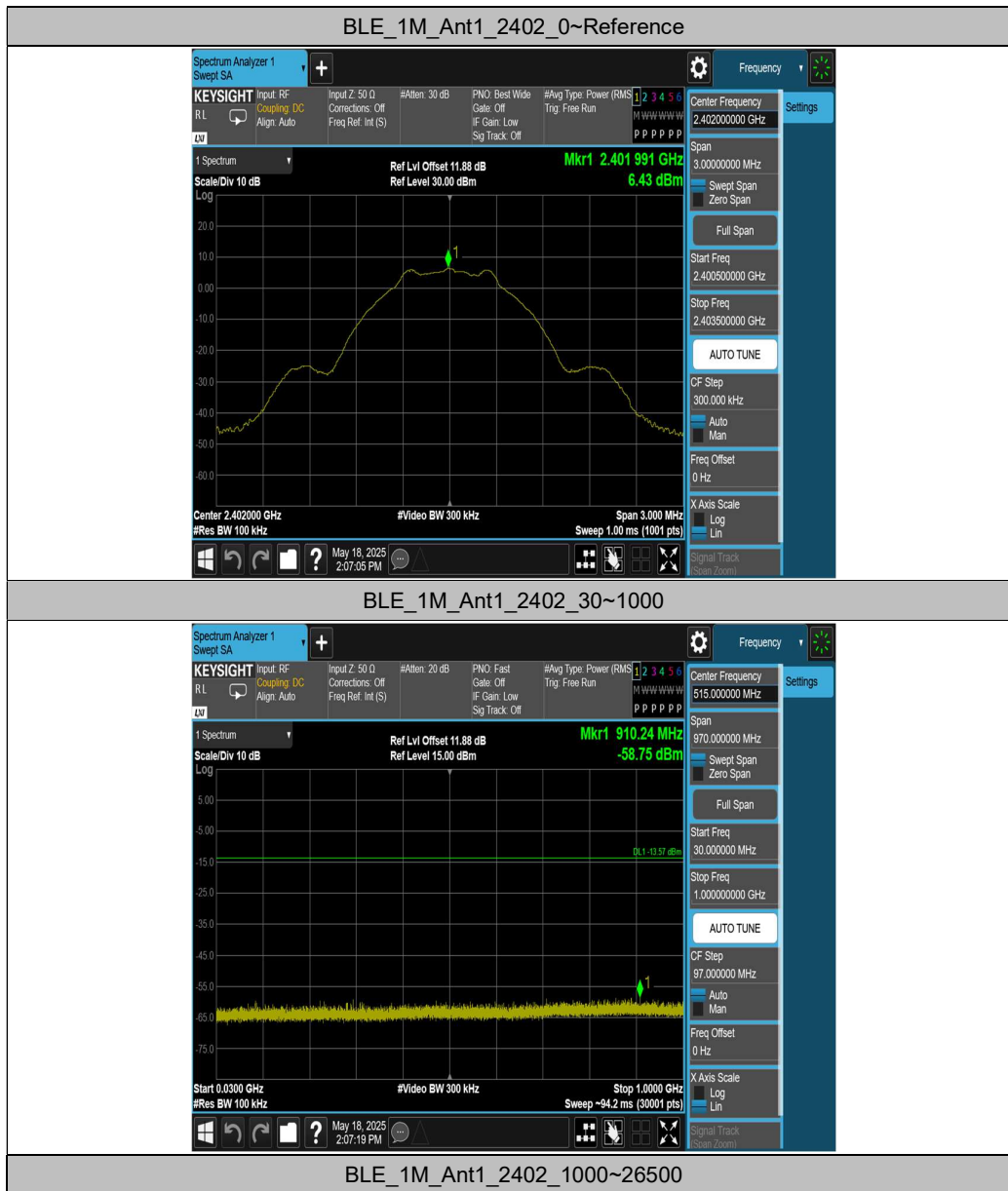


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	6.43	6.43	---	PASS
			30~1000	6.43	-58.75	≤-13.57	PASS
			1000~26500	6.43	-51.03	≤-13.57	PASS
		2440	Reference	6.11	6.11	---	PASS
			30~1000	6.11	-58.65	≤-13.89	PASS
			1000~26500	6.11	-50.4	≤-13.89	PASS
		2480	Reference	5.27	5.27	---	PASS
			30~1000	5.27	-58.23	≤-14.73	PASS
			1000~26500	5.27	-50.35	≤-14.73	PASS
BLE_2M	Ant1	2402	Reference	6.11	6.11	---	PASS
			30~1000	6.11	-56.79	≤-13.89	PASS
			1000~26500	6.11	-49.93	≤-13.89	PASS
		2440	Reference	5.85	5.85	---	PASS
			30~1000	5.85	-58.12	≤-14.15	PASS
			1000~26500	5.85	-50.06	≤-14.15	PASS
		2480	Reference	5.17	5.17	---	PASS
			30~1000	5.17	-58.78	≤-14.83	PASS
			1000~26500	5.17	-50.41	≤-14.83	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