

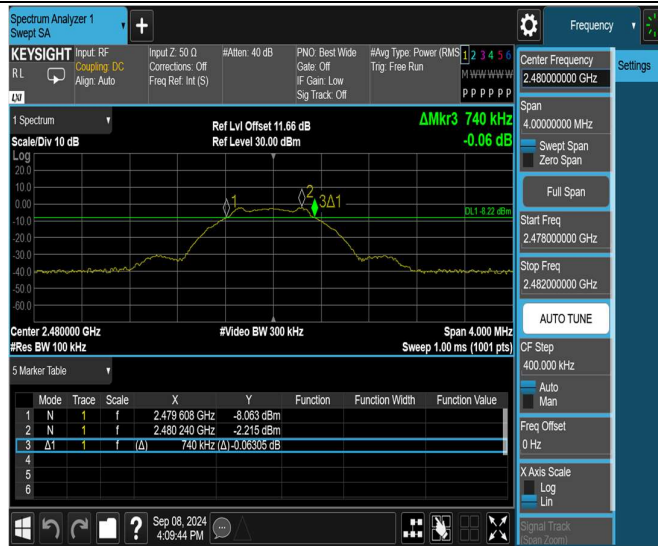
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.740	2401.608	2402.348	0.5	PASS
		2440	0.748	2439.604	2440.352	0.5	PASS
		2480	0.740	2479.608	2480.348	0.5	PASS
BLE_2M	Ant1	2402	1.388	2401.288	2402.676	0.5	PASS
		2440	1.424	2439.260	2440.684	0.5	PASS
		2480	1.480	2479.228	2480.708	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



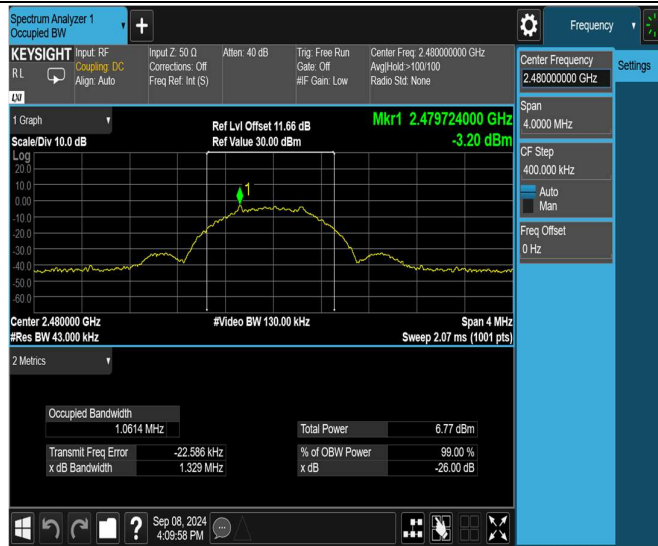
Appendix B: Occupied Channel Bandwidth

Test Result

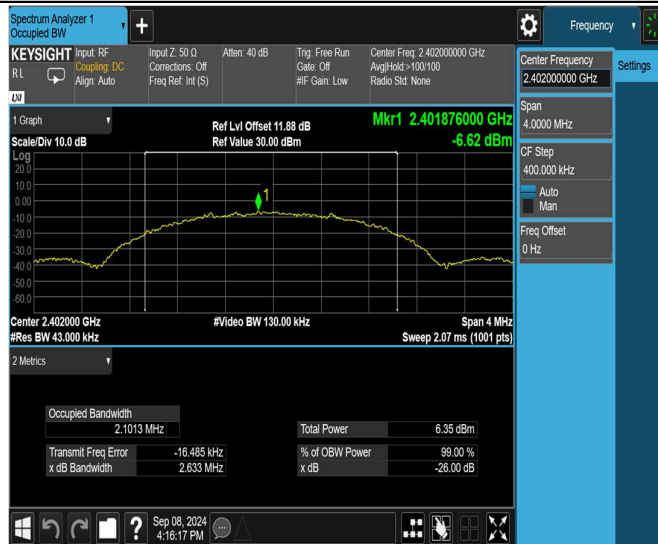
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0658	2401.4451	2402.5109	---	---
		2440	1.0776	2439.4373	2440.5149	---	---
		2480	1.0640	2479.4452	2480.5092	---	---
BLE_2M	Ant1	2402	2.1026	2400.9323	2403.0349	---	---
		2440	2.0960	2438.9312	2441.0272	---	---
		2480	2.1086	2478.9178	2481.0264	---	---

Test Graphs

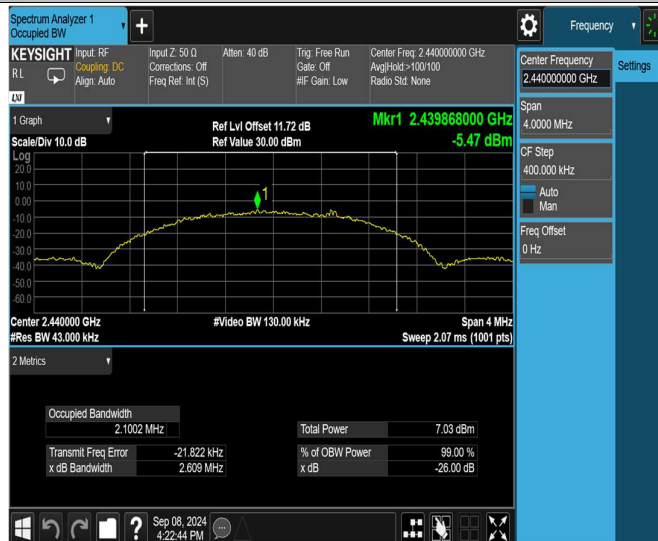




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



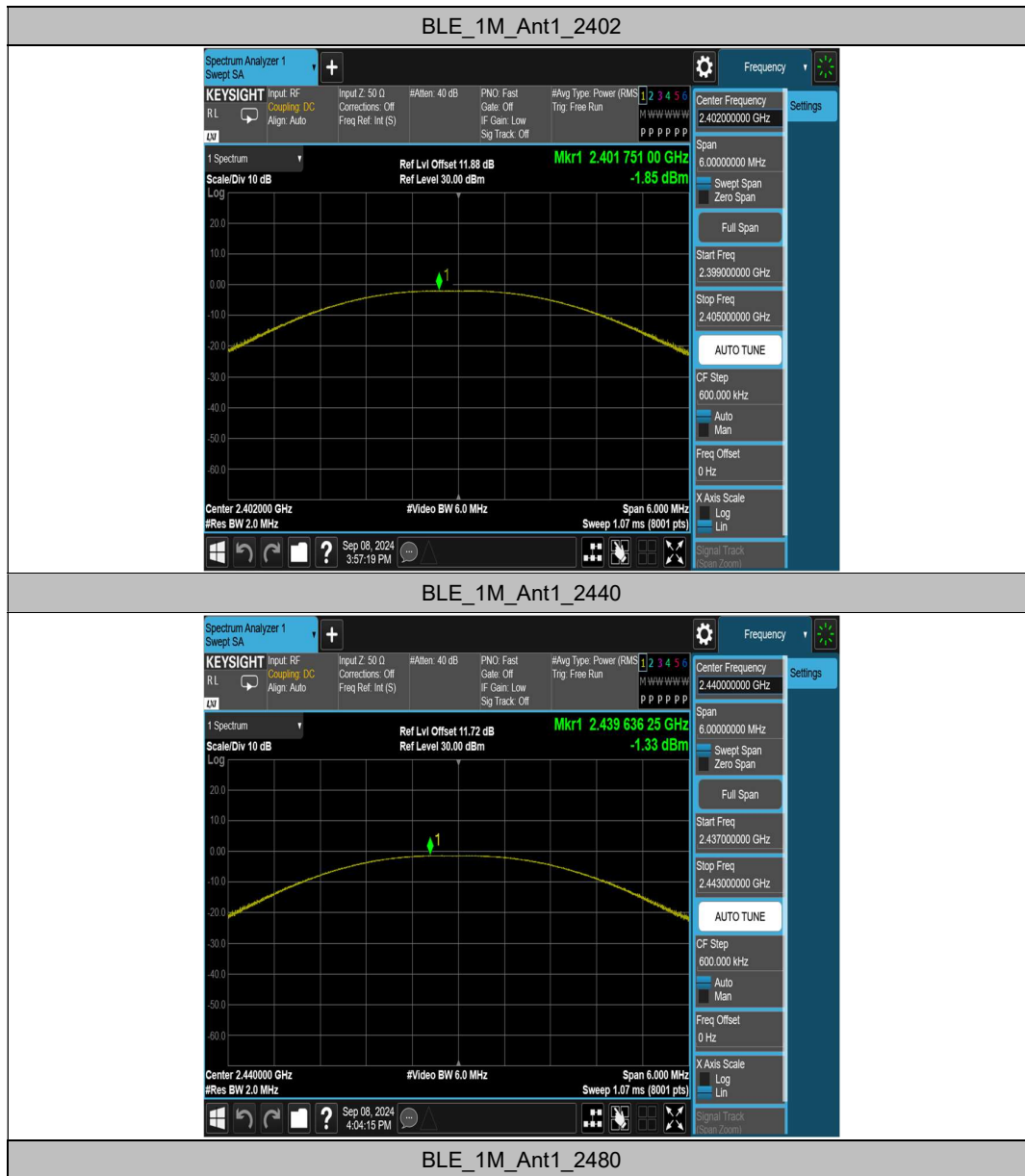


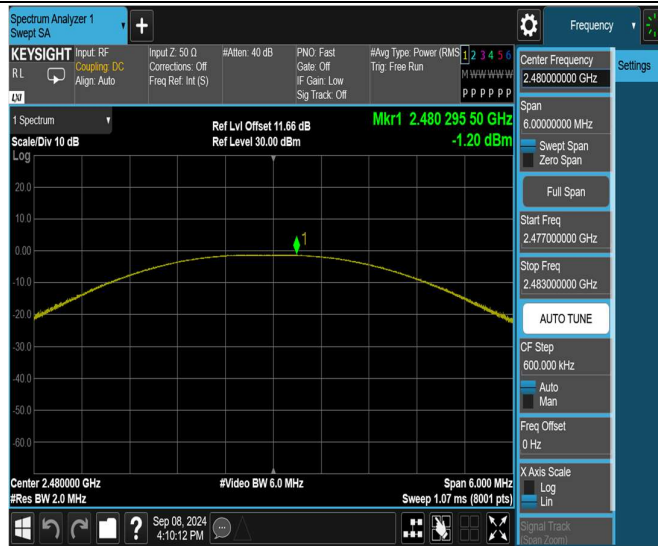
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.85	≤30	0.85	≤36	PASS
		2440	-1.33	≤30	1.37	≤36	PASS
		2480	-1.20	≤30	1.50	≤36	PASS
BLE_2M	Ant1	2402	-1.91	≤30	0.79	≤36	PASS
		2440	-1.29	≤30	1.41	≤36	PASS
		2480	-1.26	≤30	1.44	≤36	PASS

Test Graphs Peak





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

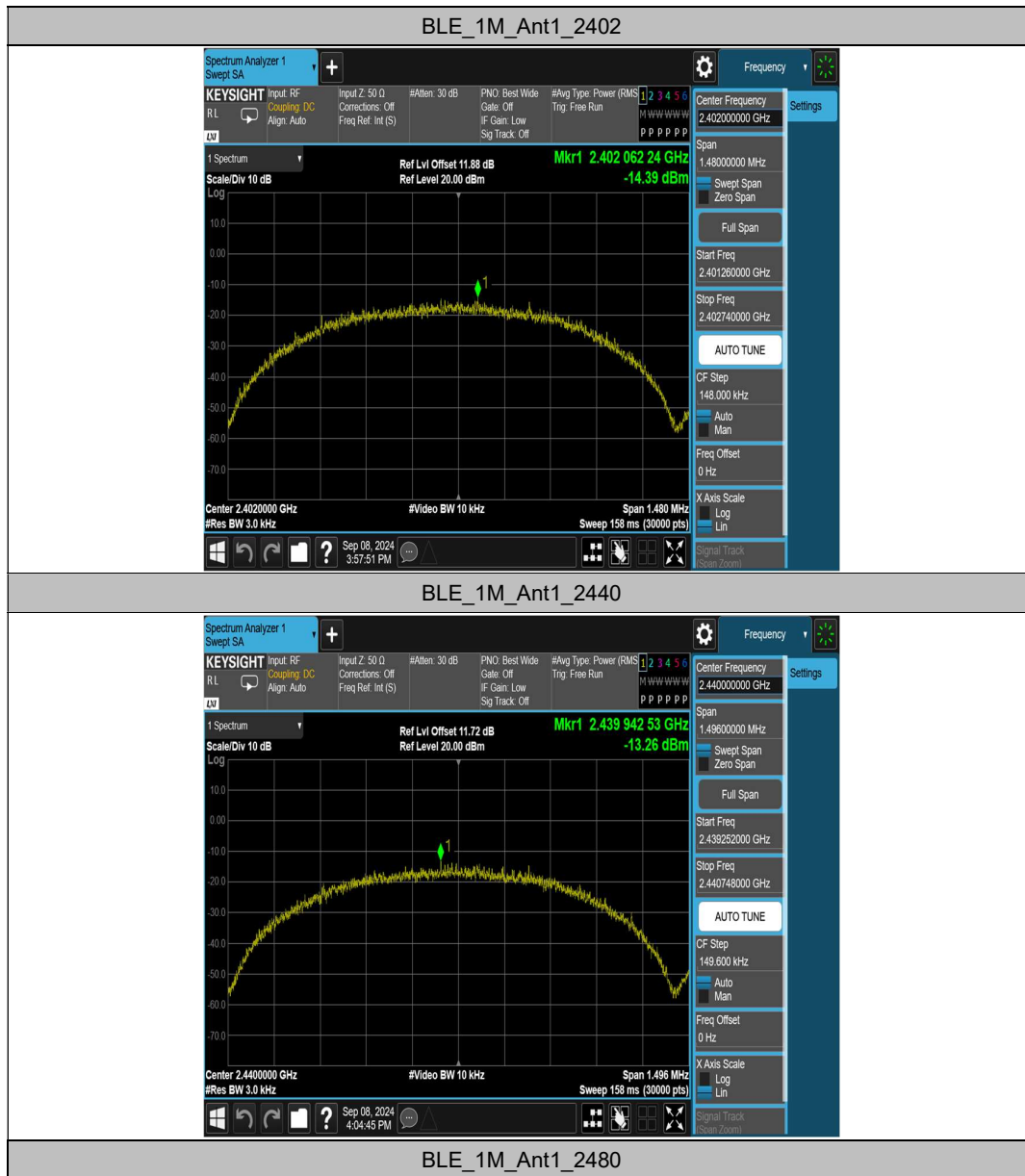


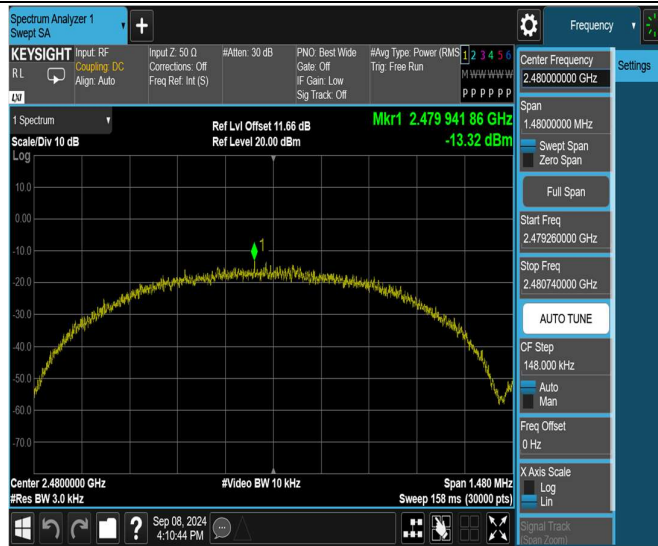
Appendix D: Maximum power spectral density

Test Result

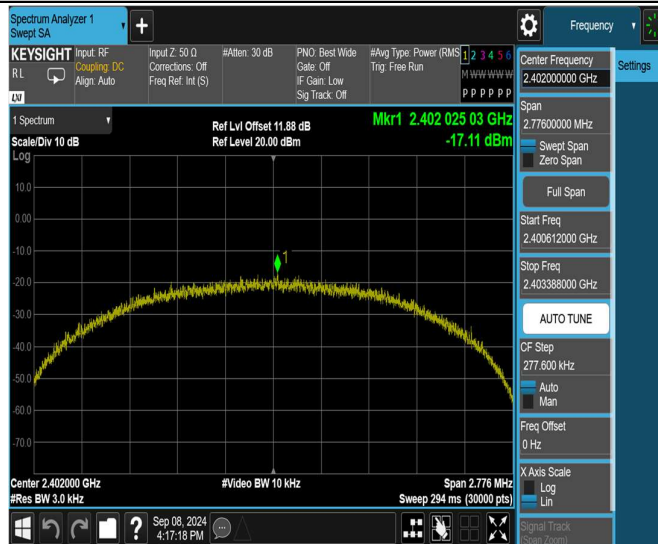
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.39	≤8.00	PASS
		2440	-13.27	≤8.00	PASS
		2480	-13.32	≤8.00	PASS
BLE_2M	Ant1	2402	-17.11	≤8.00	PASS
		2440	-16.42	≤8.00	PASS
		2480	-16.66	≤8.00	PASS

Test Graphs

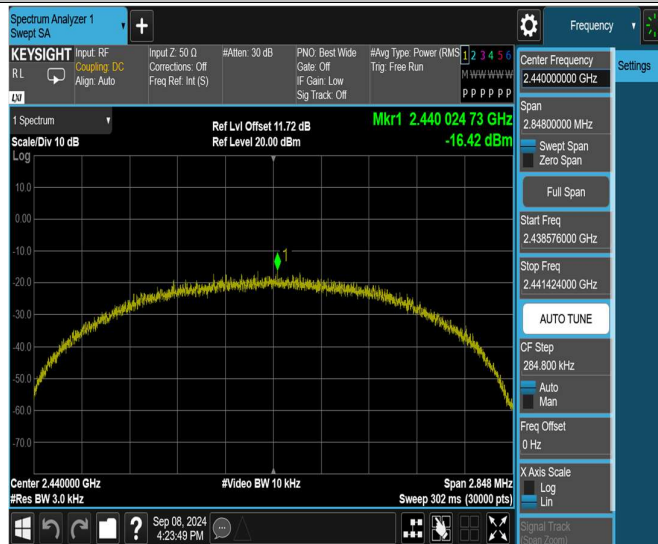




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

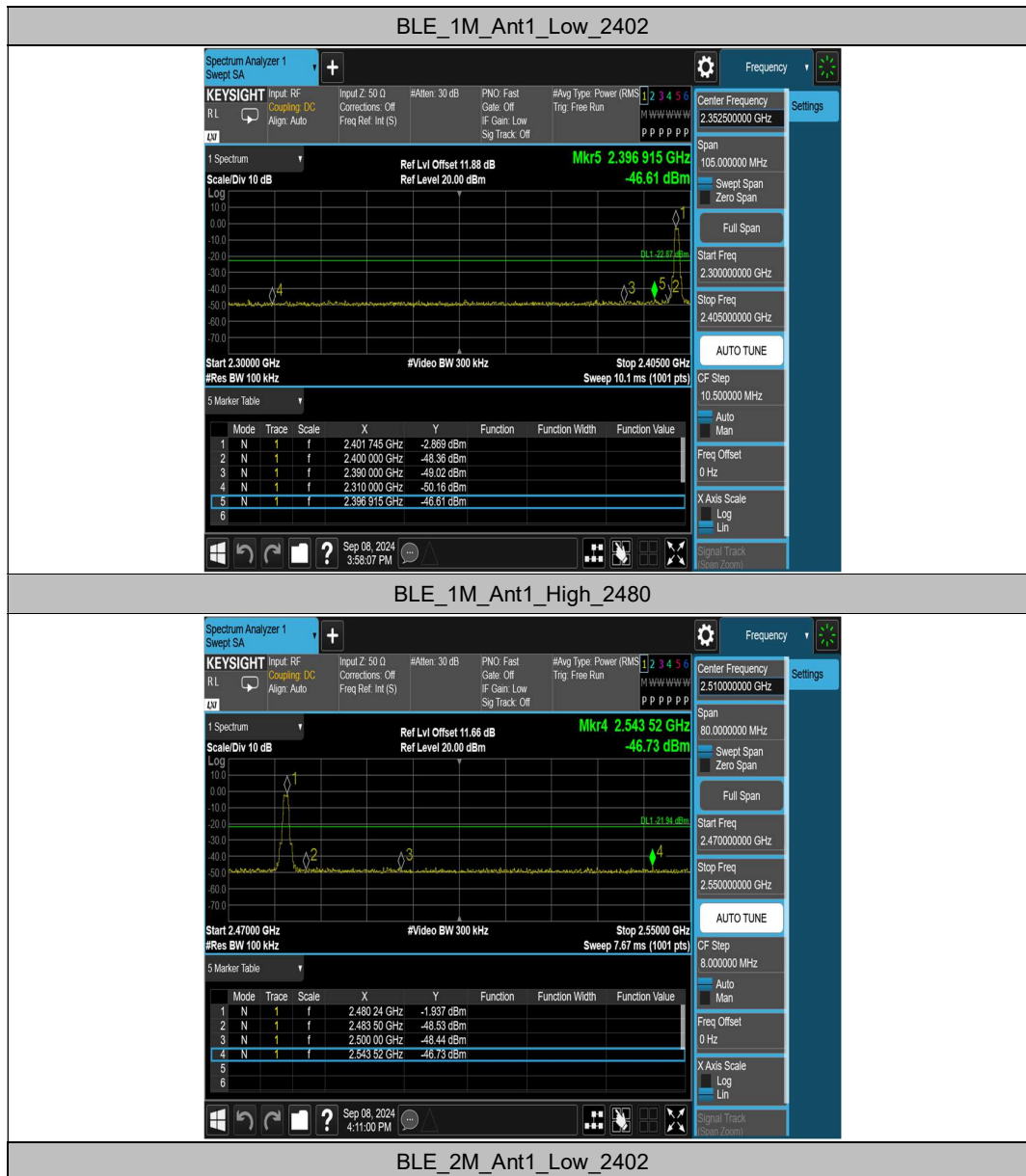


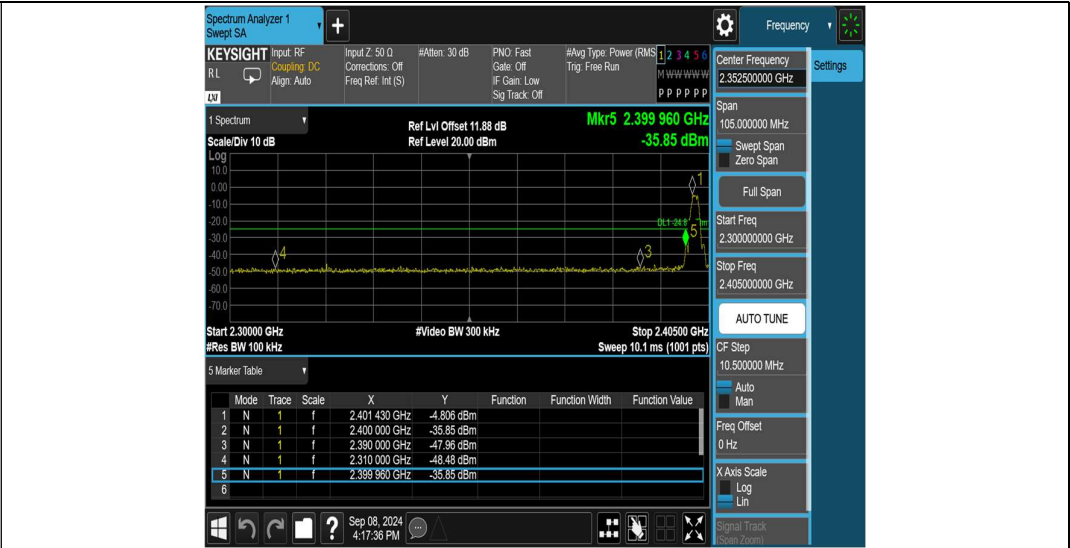
Appendix E: Band edge measurements

Test Result

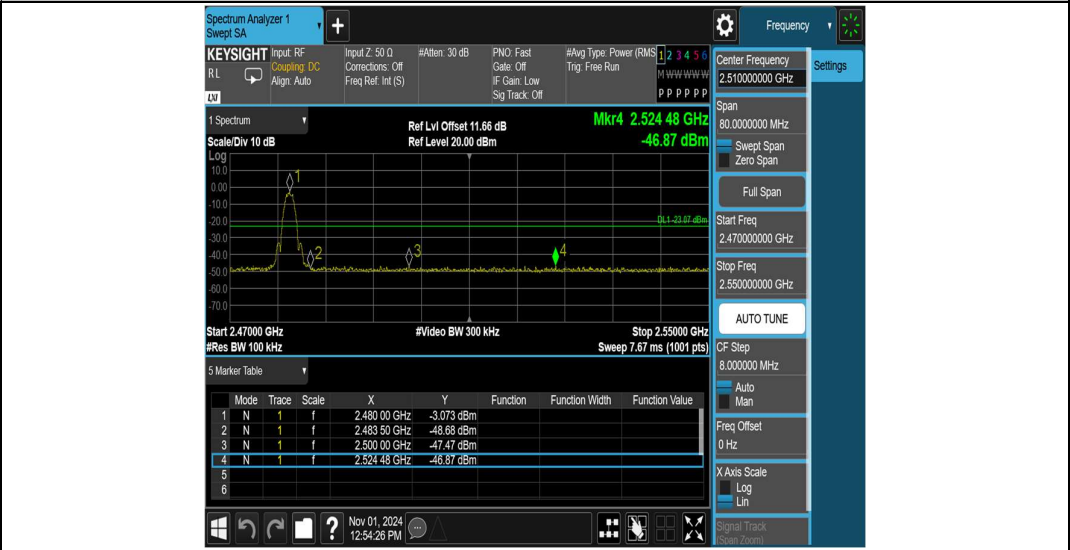
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.87	-46.61	≤-22.87	PASS
		High	2480	-1.94	-46.73	≤-21.94	PASS
BLE_2M	Ant1	Low	2402	-4.81	-35.85	≤-24.81	PASS
		High	2480	-3.07	-46.87	≤-23.07	PASS

Test Graphs





BLE_2M_Ant1_High_2480

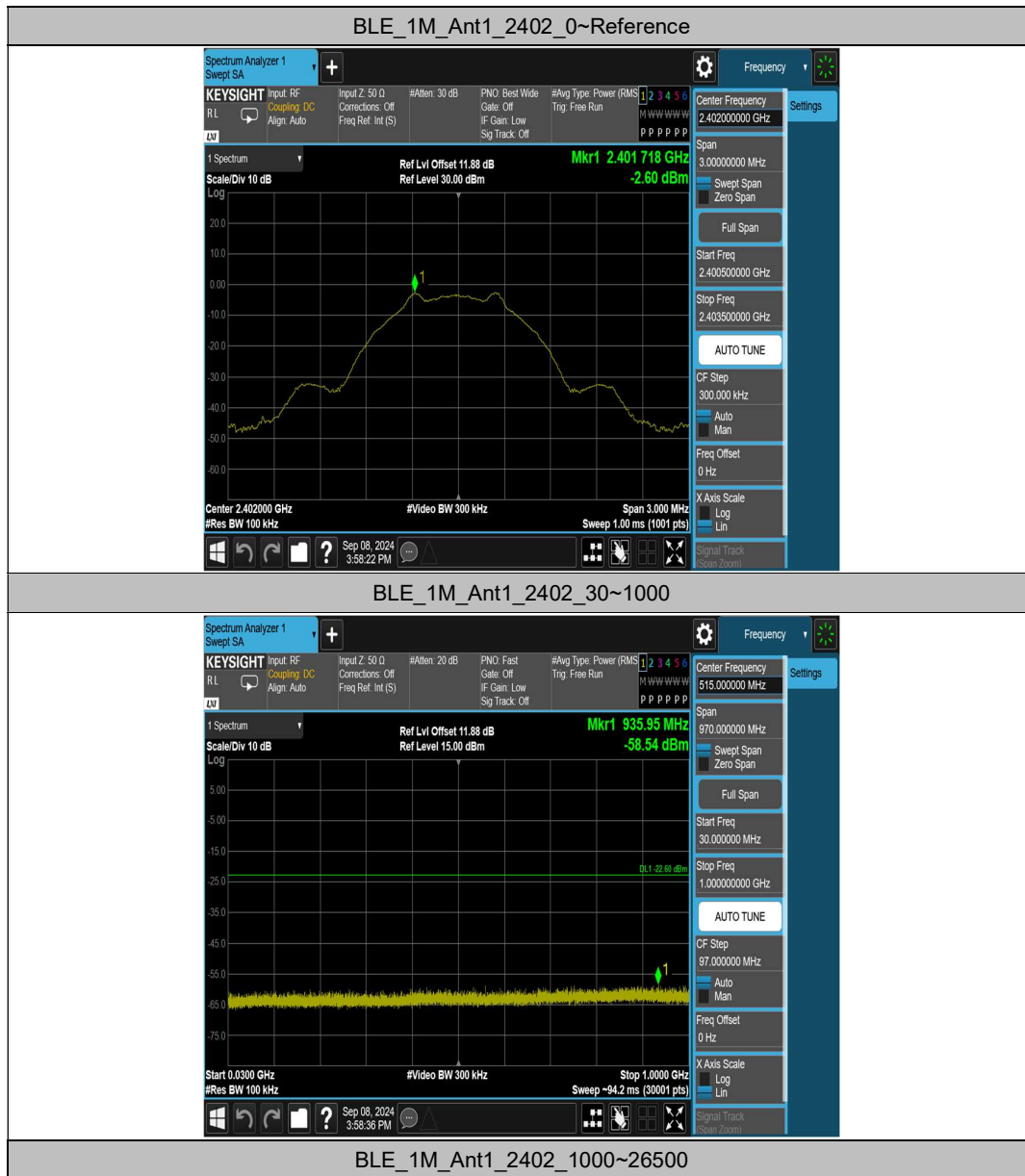


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.60	-2.60	---	PASS
			30~1000	-2.60	-58.54	≤ -22.6	PASS
			1000~26500	-2.60	-49.73	≤ -22.6	PASS
		2440	Reference	-1.93	-1.93	---	PASS
			30~1000	-1.93	-58.03	≤ -21.93	PASS
			1000~26500	-1.93	-50.22	≤ -21.93	PASS
		2480	Reference	-1.78	-1.78	---	PASS
			30~1000	-1.78	-58.21	≤ -21.78	PASS
			1000~26500	-1.78	-49.54	≤ -21.78	PASS
BLE_2M	Ant1	2402	Reference	-4.03	-4.03	---	PASS
			30~1000	-4.03	-58	≤ -24.03	PASS
			1000~26500	-4.03	-49.66	≤ -24.03	PASS
		2440	Reference	-3.69	-3.69	---	PASS
			30~1000	-3.69	-58.49	≤ -23.69	PASS
			1000~26500	-3.69	-50.13	≤ -23.69	PASS
		2480	Reference	-3.39	-3.39	---	PASS
			30~1000	-3.39	-58.3	≤ -23.39	PASS
			1000~26500	-3.39	-50.12	≤ -23.39	PASS

Test Graphs

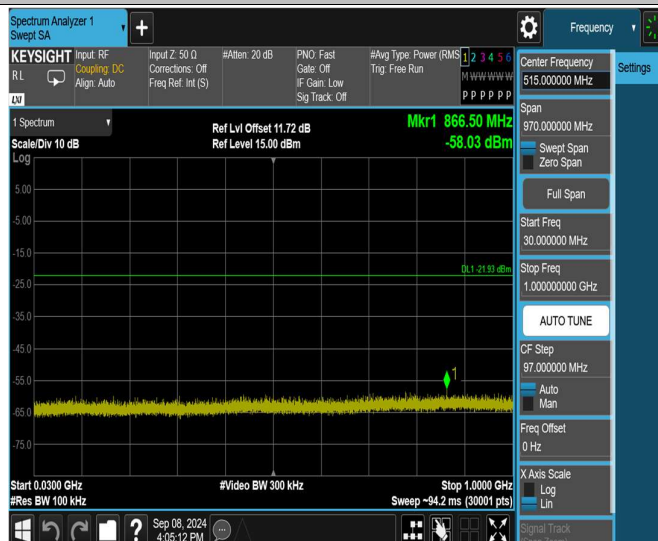




BLE_1M_Ant1_2440_0~Reference



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



