



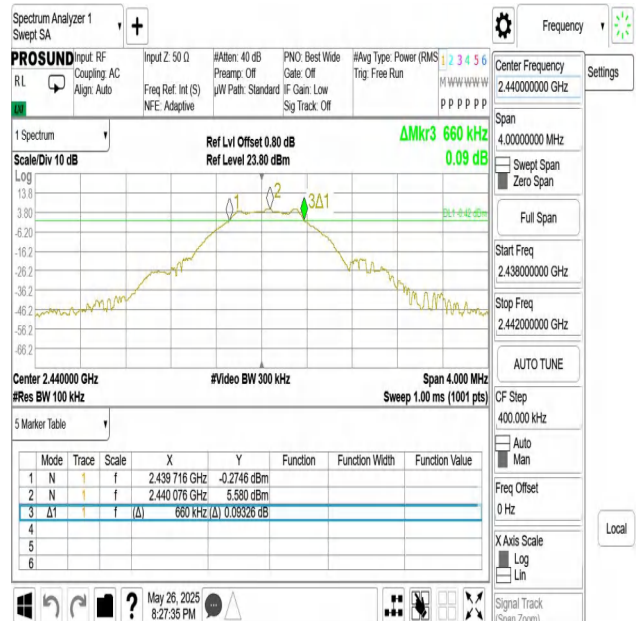
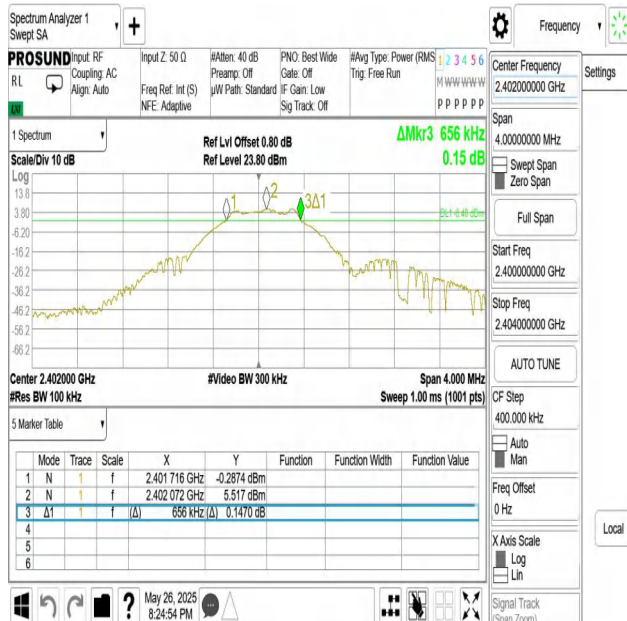
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.716	2402.372	0.5	PASS
BLE_1M	Ant1	2440	0.660	2439.716	2440.376	0.5	PASS
BLE_1M	Ant1	2480	0.660	2479.716	2480.376	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.492	2402.620	0.5	PASS
BLE_2M	Ant1	2440	1.112	2439.492	2440.604	0.5	PASS
BLE_2M	Ant1	2480	1.128	2479.496	2480.624	0.5	PASS

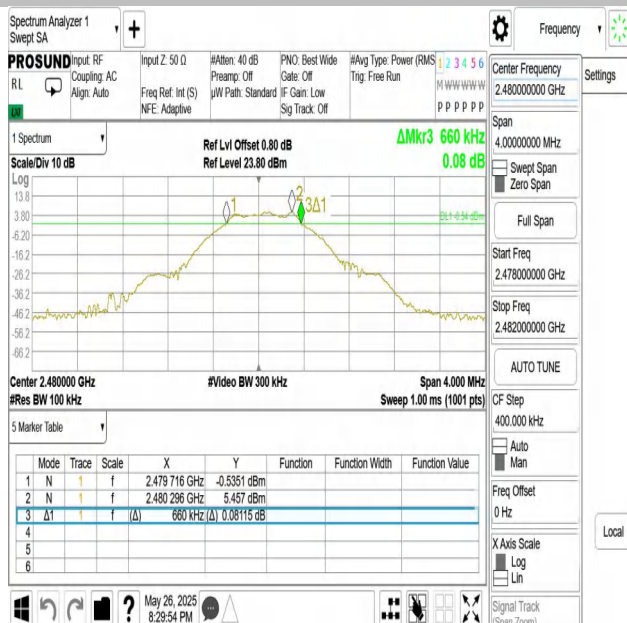


Test Graphs



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 B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
BLE_1M	Ant1	2402	1.0241	2401.5443	2402.5684
BLE_1M	Ant1	2440	1.0143	2439.5471	2440.5614
BLE_1M	Ant1	2480	1.0071	2479.5475	2480.5546
BLE_2M	Ant1	2402	2.0287	2401.0523	2403.0810
BLE_2M	Ant1	2440	2.0327	2439.0526	2441.0853
BLE_2M	Ant1	2480	2.0347	2479.0513	2481.0860



Test Graphs



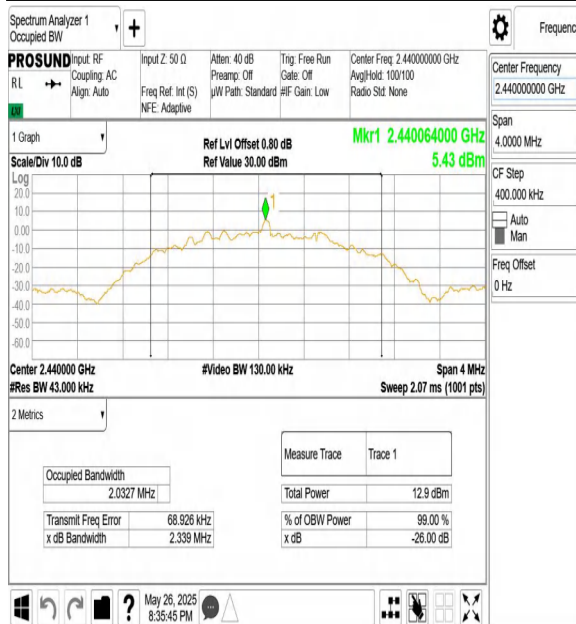
BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



BLE_2M-Ant1-2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	Verdict
BLE_1M	Ant1	2402	5.61	≤30	4.48	PASS
BLE_1M	Ant1	2440	5.66	≤30	4.48	PASS
BLE_1M	Ant1	2480	5.56	≤30	4.48	PASS
BLE_2M	Ant1	2402	5.62	≤30	4.48	PASS
BLE_2M	Ant1	2440	5.69	≤30	4.48	PASS
BLE_2M	Ant1	2480	5.55	≤30	4.48	PASS



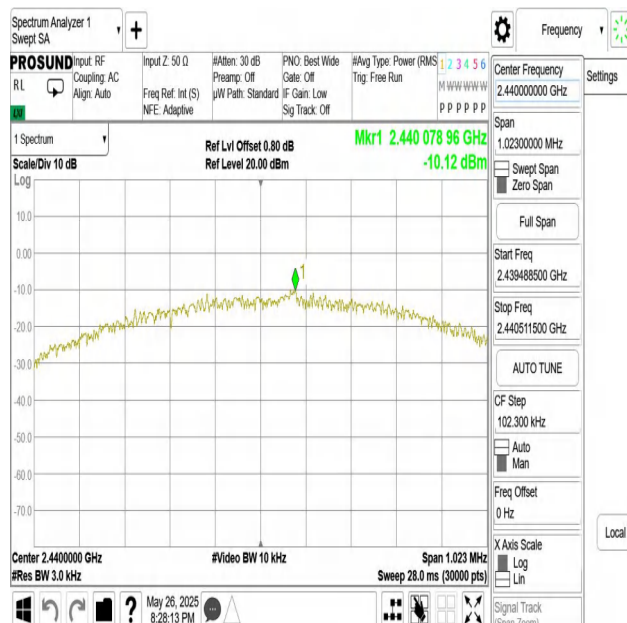
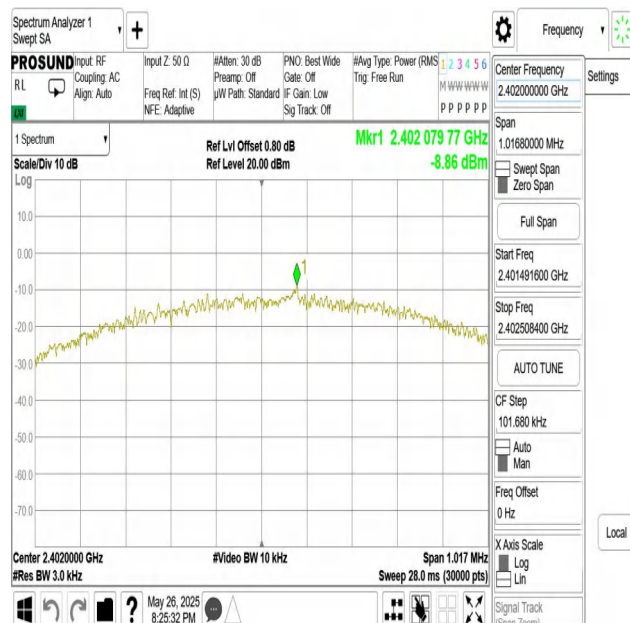
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.86	≤8.00	PASS
BLE_1M	Ant1	2440	-10.12	≤8.00	PASS
BLE_1M	Ant1	2480	-10.25	≤8.00	PASS
BLE_2M	Ant1	2402	-9.61	≤8.00	PASS
BLE_2M	Ant1	2440	-9.06	≤8.00	PASS
BLE_2M	Ant1	2480	-9.70	≤8.00	PASS

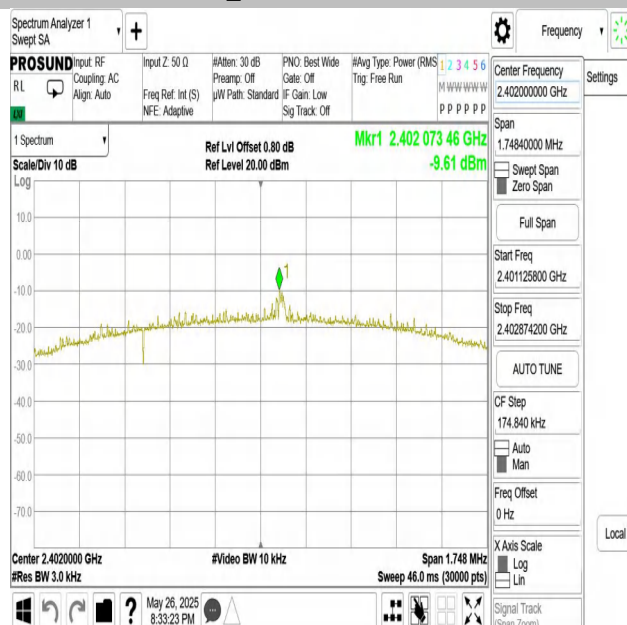
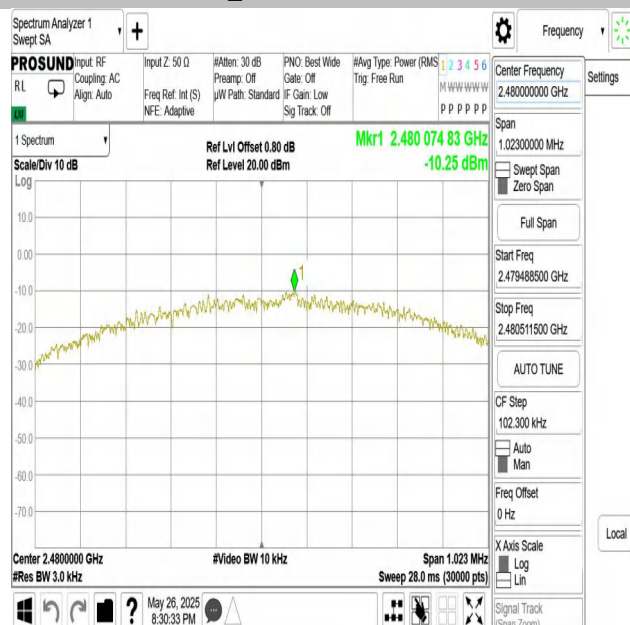


Test Graphs



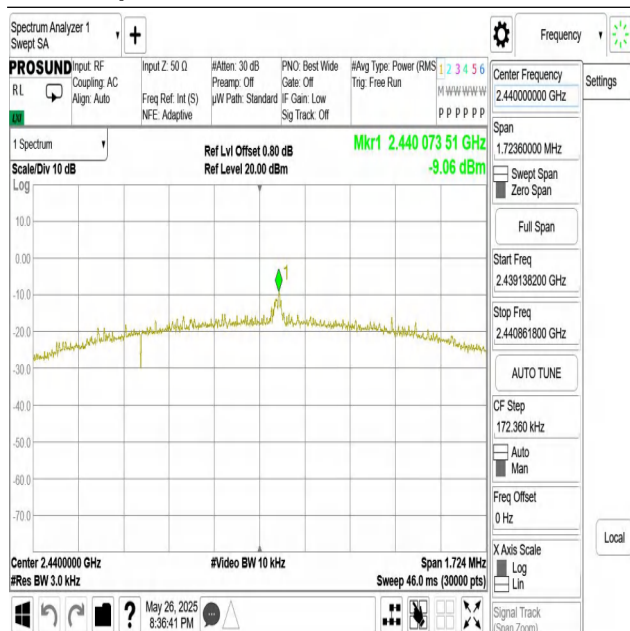
BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS

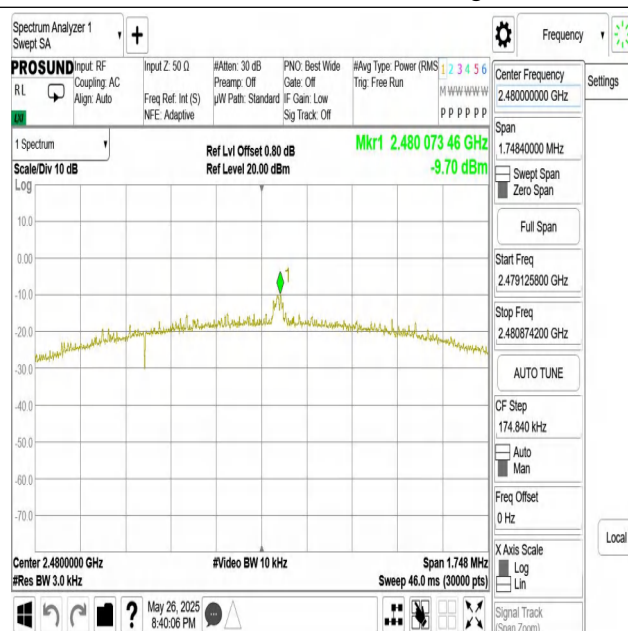


BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



Appendix E: Conducted Spurious Emission

Test Result

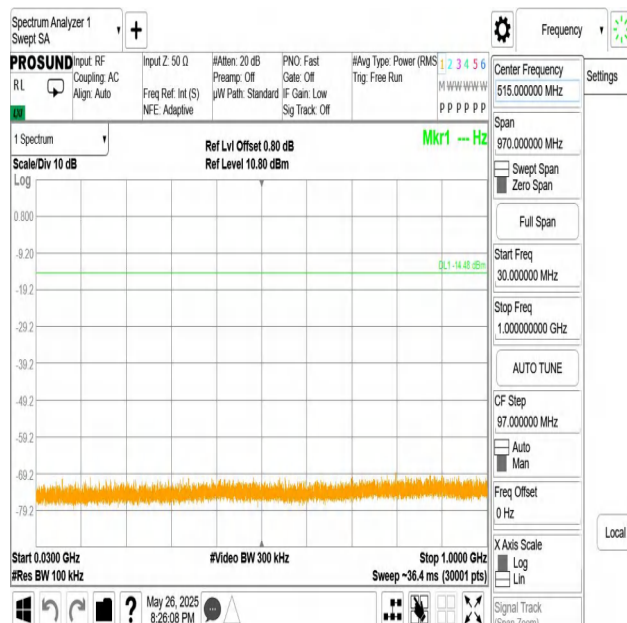
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	5.52	5.52	---	PASS
BLE_1M	Ant1	2402	30~1000	5.52	-68.97	≤-14.48	PASS
BLE_1M	Ant1	2402	1000~26500	5.52	-53.62	≤-14.48	PASS
BLE_1M	Ant1	2440	0~Reference	5.59	5.59	---	PASS
BLE_1M	Ant1	2440	30~1000	5.59	-69.08	≤-14.41	PASS
BLE_1M	Ant1	2440	1000~26500	5.59	-53.23	≤-14.41	PASS
BLE_1M	Ant1	2480	0~Reference	5.49	5.49	---	PASS
BLE_1M	Ant1	2480	30~1000	5.49	-68.34	≤-14.51	PASS
BLE_1M	Ant1	2480	1000~26500	5.49	-53.96	≤-14.51	PASS
BLE_2M	Ant1	2402	0~Reference	5.55	5.55	---	PASS
BLE_2M	Ant1	2402	30~1000	5.55	-68.5	≤-14.45	PASS
BLE_2M	Ant1	2402	1000~26500	5.55	-52.58	≤-14.45	PASS
BLE_2M	Ant1	2440	0~Reference	5.59	5.59	---	PASS
BLE_2M	Ant1	2440	30~1000	5.59	-68.78	≤-14.41	PASS
BLE_2M	Ant1	2440	1000~26500	5.59	-54.29	≤-14.41	PASS
BLE_2M	Ant1	2480	0~Reference	5.47	5.47	---	PASS
BLE_2M	Ant1	2480	30~1000	5.47	-69.01	≤-14.53	PASS
BLE_2M	Ant1	2480	1000~26500	5.47	-53.17	≤-14.53	PASS



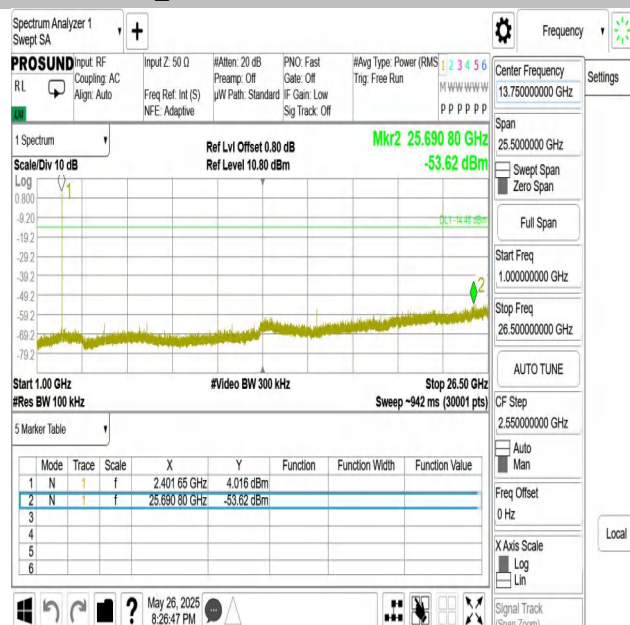
Test Graphs



BLE_1M-Ant1-2402-0~Reference-PASS



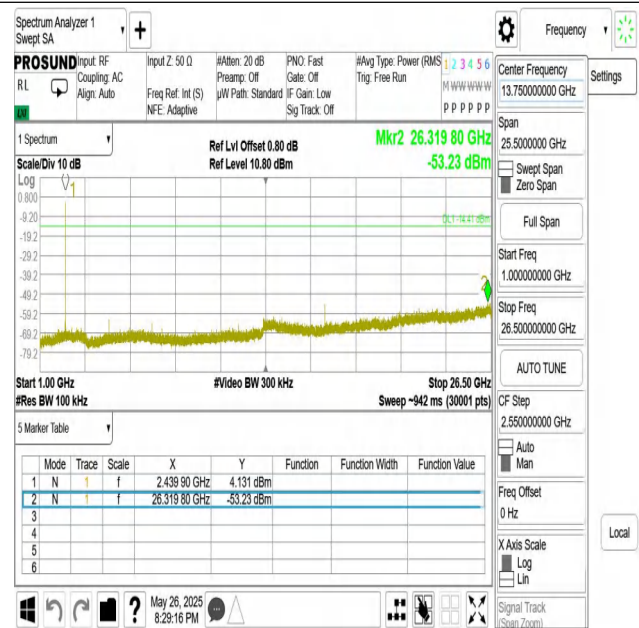
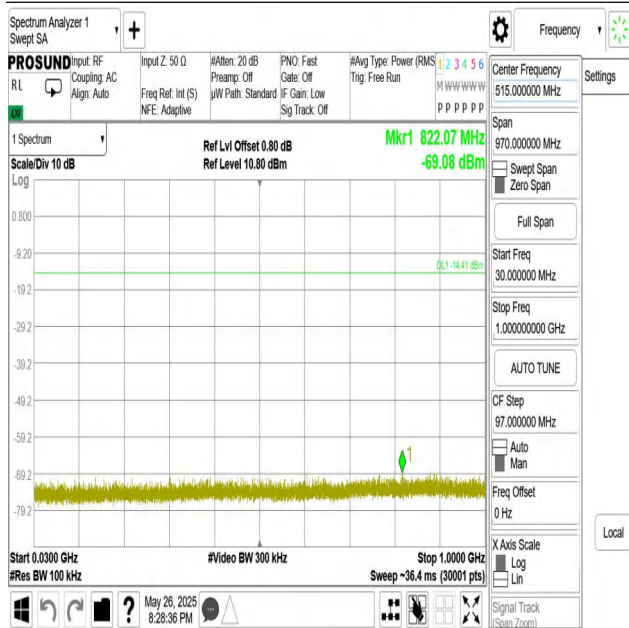
BLE_1M-Ant1-2402-30~1000-PASS



BLE_1M-Ant1-2402-1000~26500-PASS

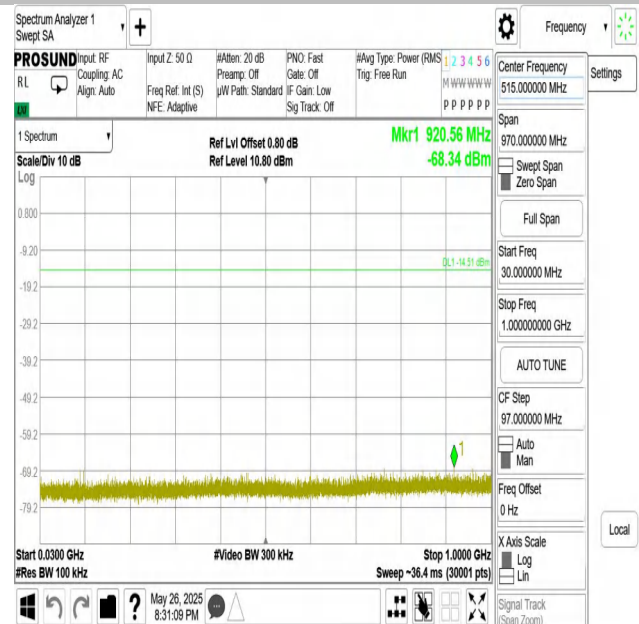


BLE_1M-Ant1-2440-0~Reference-PASS



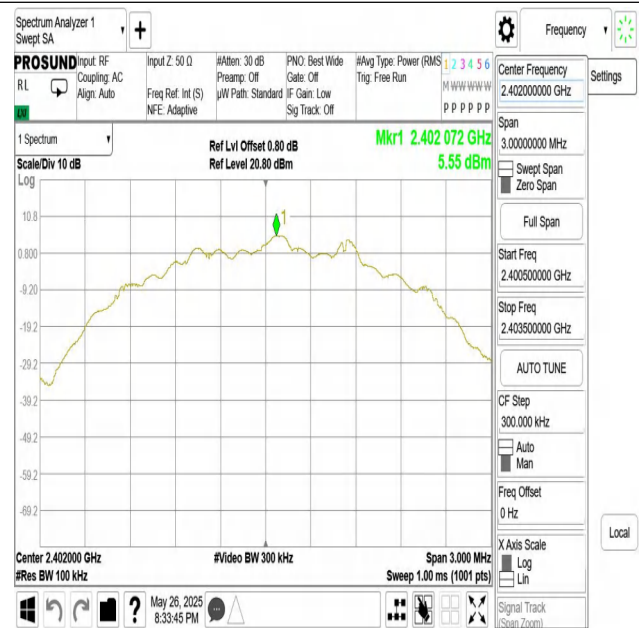
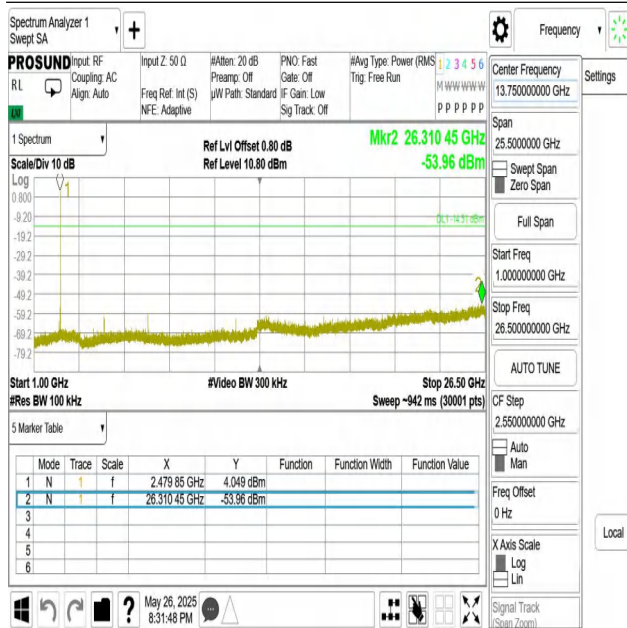
BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



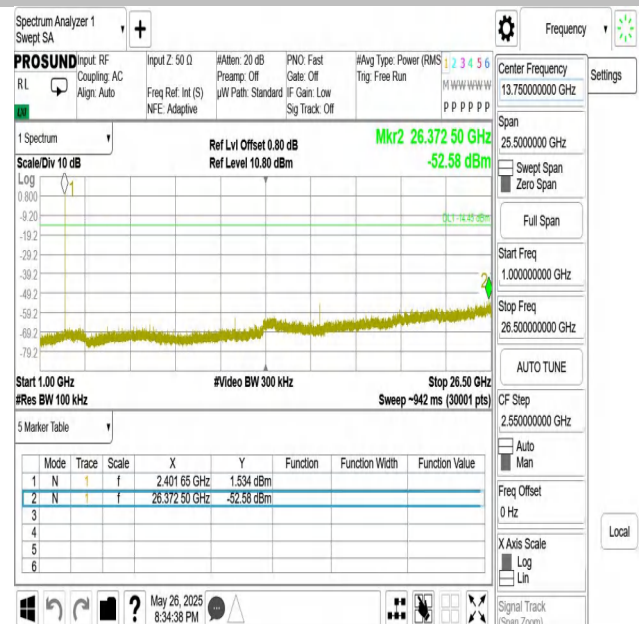
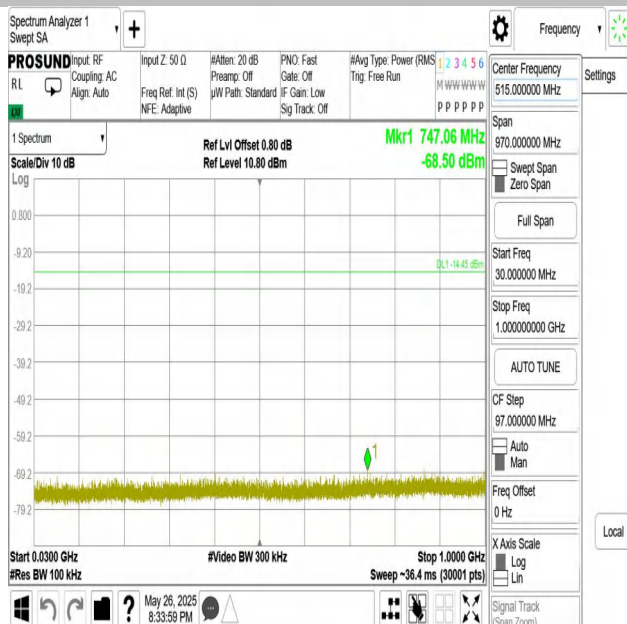
BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



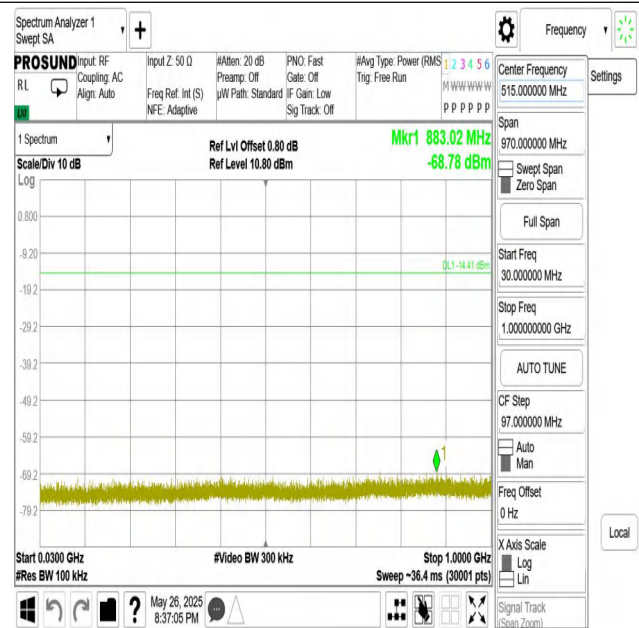
BLE_1M-Ant1-2480-1000~26500-PASS

BLE_2M-Ant1-2402-0~Reference-PASS



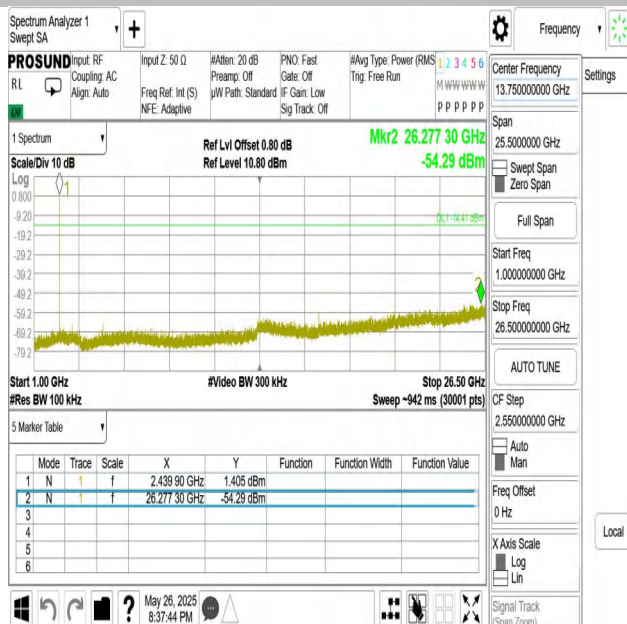
BLE_2M-Ant1-2402-30~1000-PASS

BLE_2M-Ant1-2402-1000~26500-PASS



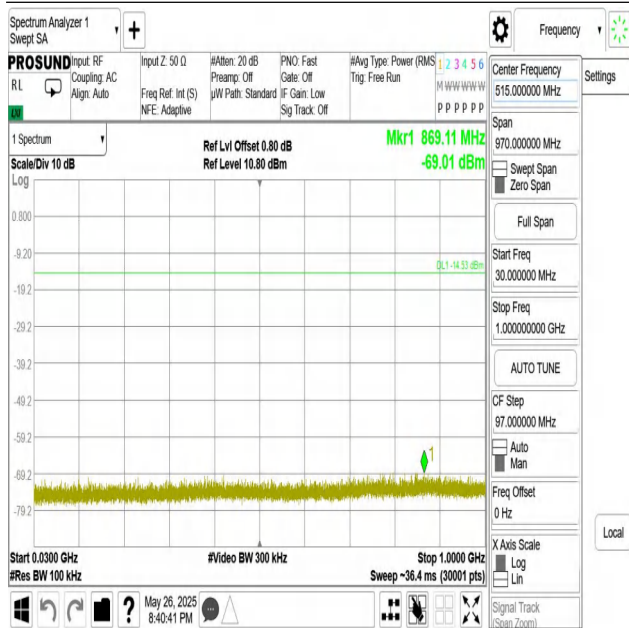
BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS



BLE_2M-Ant1-2480-1000~26500-PASS



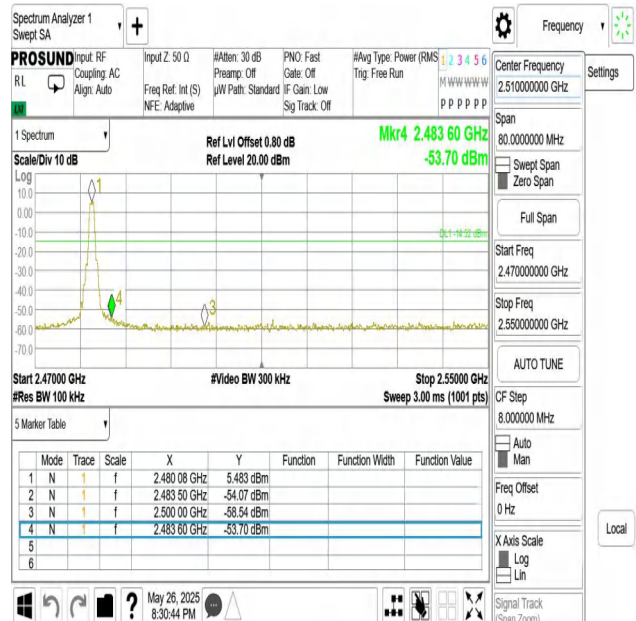
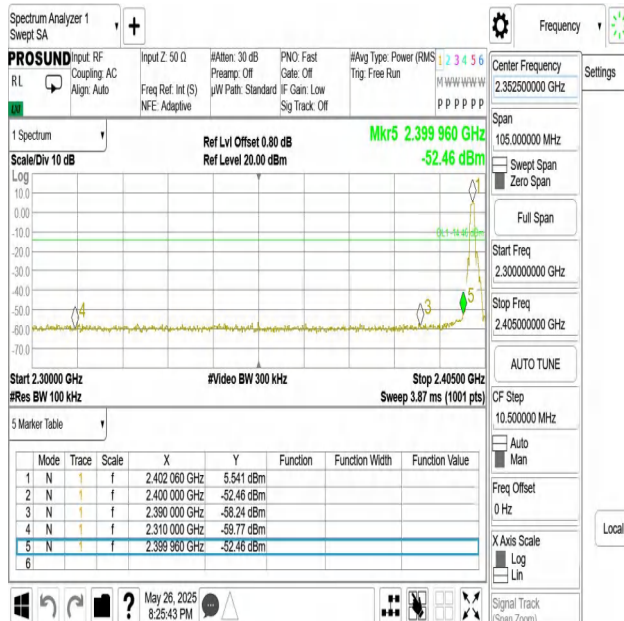
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.54	-52.46	≤ -14.46	PASS
BLE_1M	Ant1	High	2480	5.48	-53.7	≤ -14.52	PASS
BLE_2M	Ant1	Low	2402	5.55	-28.05	≤ -14.45	PASS
BLE_2M	Ant1	High	2480	5.48	-53.62	≤ -14.52	PASS

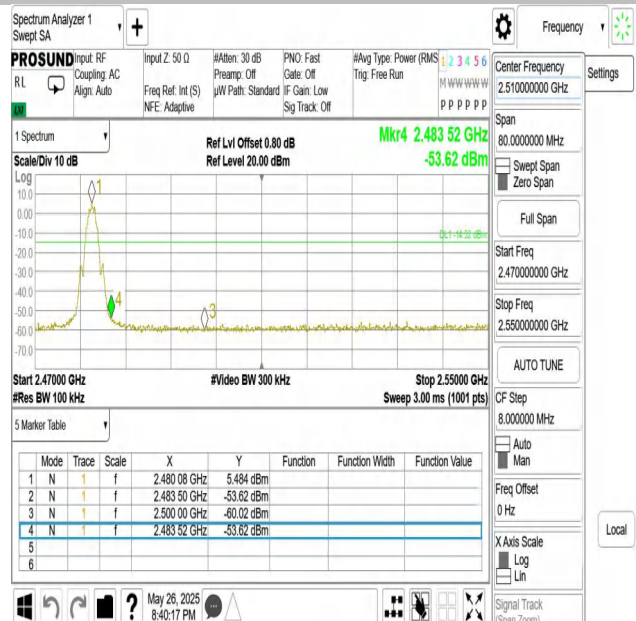
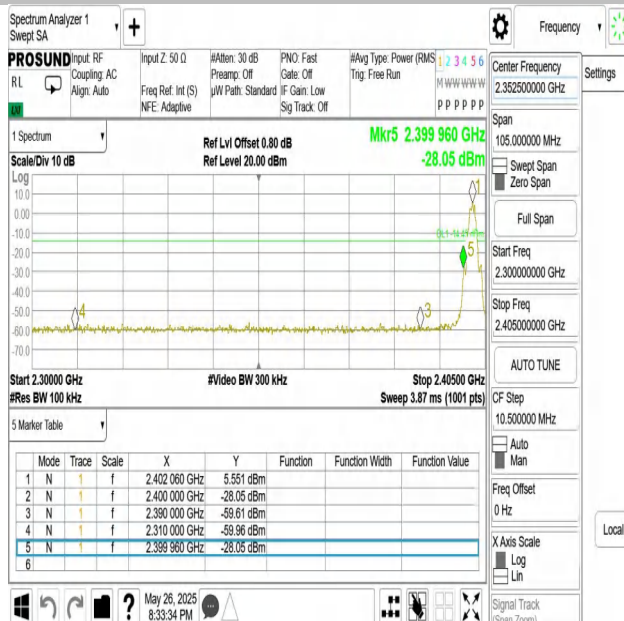


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2480-PASS



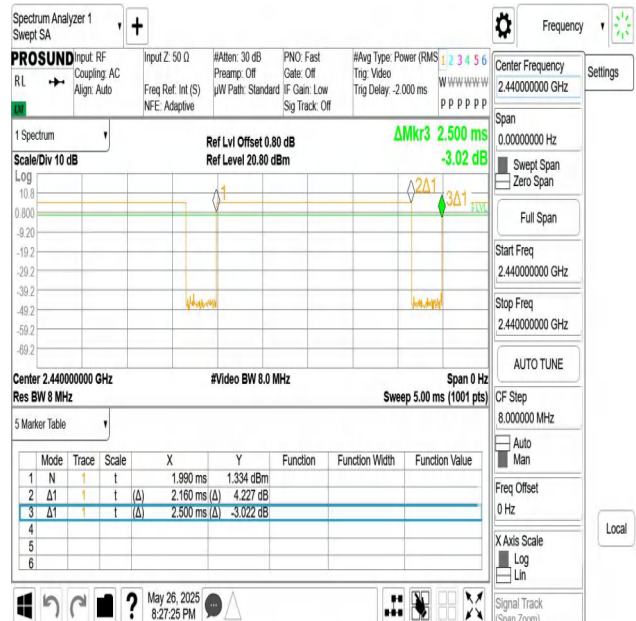
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.16	2.50	86.40
BLE_1M	Ant1	2440	2.16	2.50	86.40
BLE_1M	Ant1	2480	2.16	2.50	86.40
BLE_2M	Ant1	2402	1.11	2.50	44.40
BLE_2M	Ant1	2440	1.11	2.50	44.40
BLE_2M	Ant1	2480	1.11	2.50	44.40

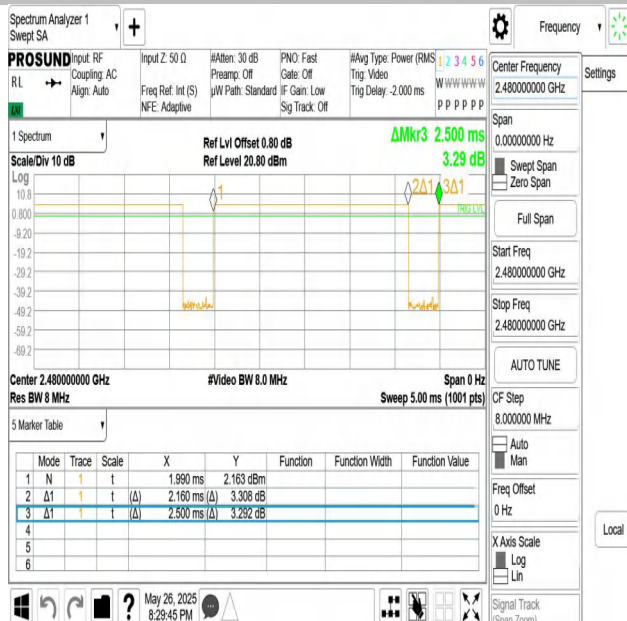


Test Graphs



NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440

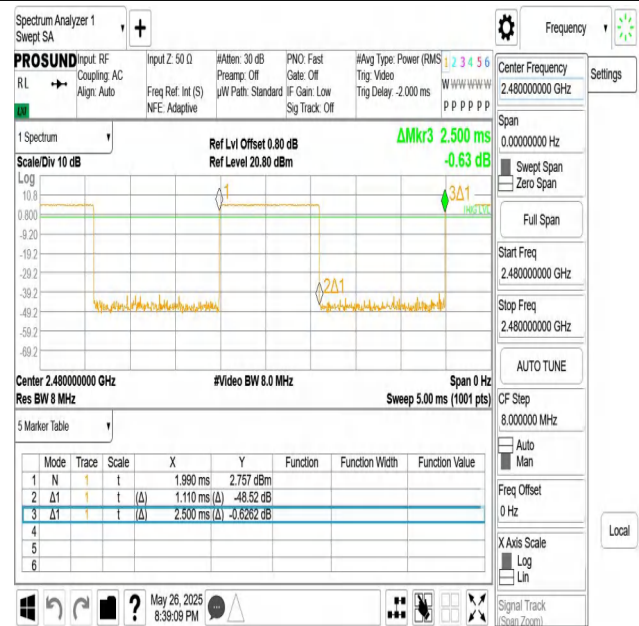


NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2480

-----END-----