

Appendix C: Maximum power spectral density

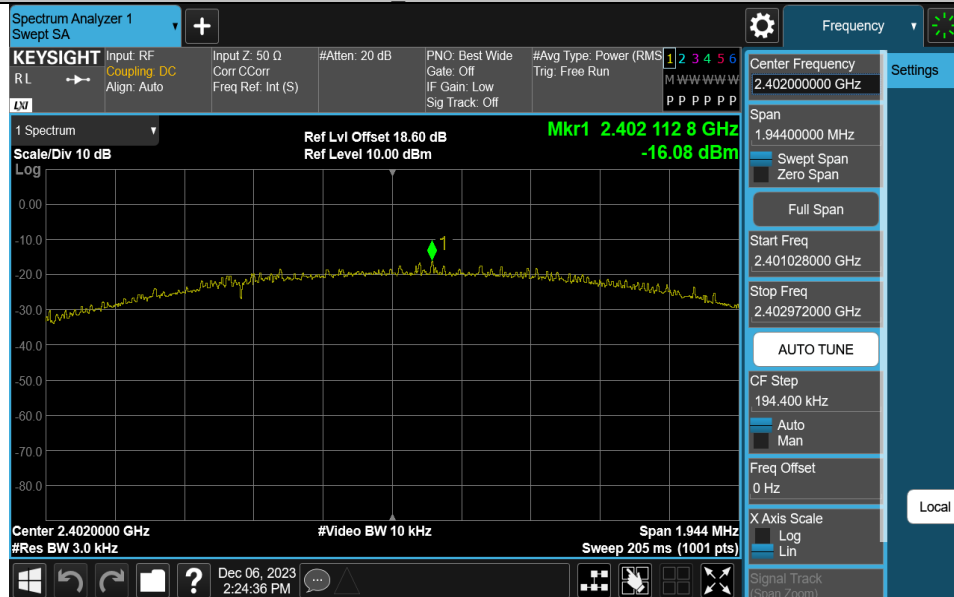
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.36	≤8.00	PASS
BLE_1M	Ant1	2440	-12.99	≤8.00	PASS
BLE_1M	Ant1	2480	-13.66	≤8.00	PASS
BLE_2M	Ant1	2402	-16.08	≤8.00	PASS
BLE_2M	Ant1	2440	-16.78	≤8.00	PASS
BLE_2M	Ant1	2480	-17.44	≤8.00	PASS

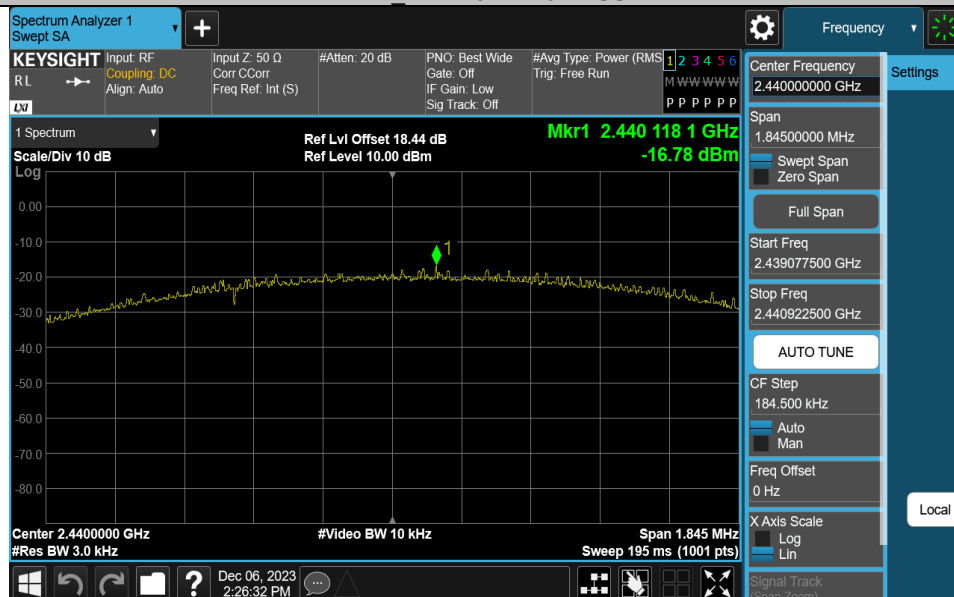
Test Graphs



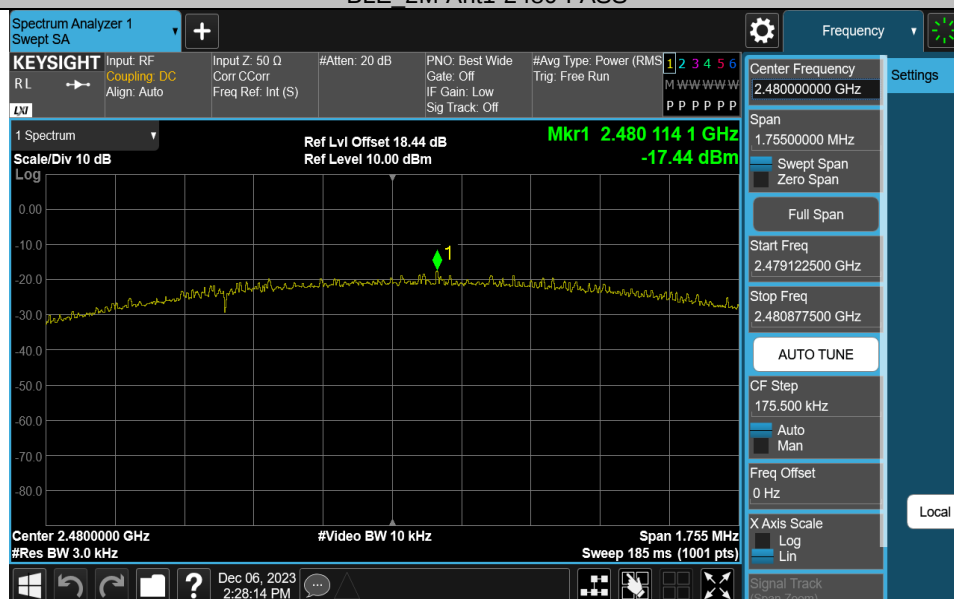
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



Appendix D: Reference level measurement

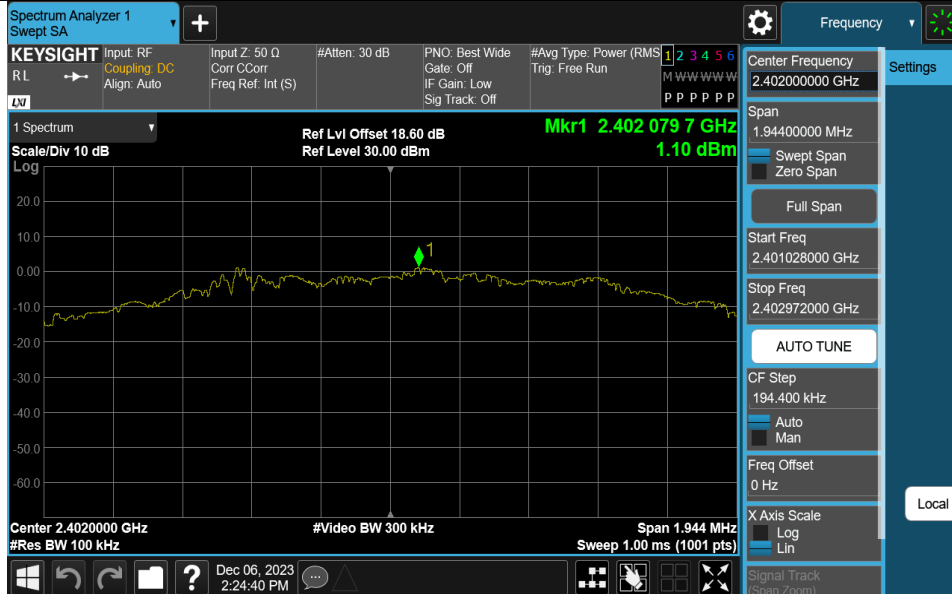
Test Result

Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.32	1.86
BLE_1M	Ant1	2440	2440.33	1.25
BLE_1M	Ant1	2480	2480.09	0.71
BLE_2M	Ant1	2402	2402.08	1.10
BLE_2M	Ant1	2440	2440.07	0.28
BLE_2M	Ant1	2480	2479.59	-0.17

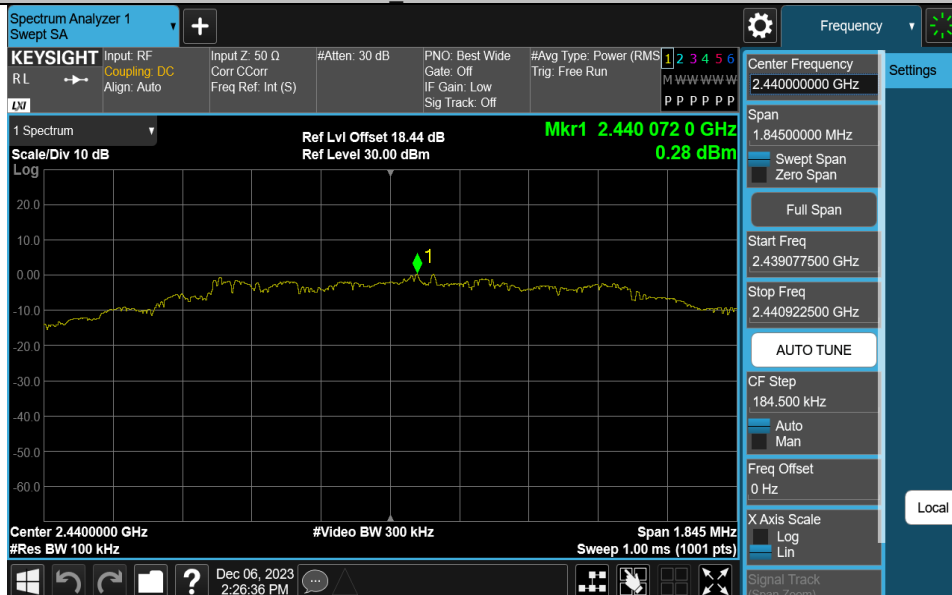
Test Graphs



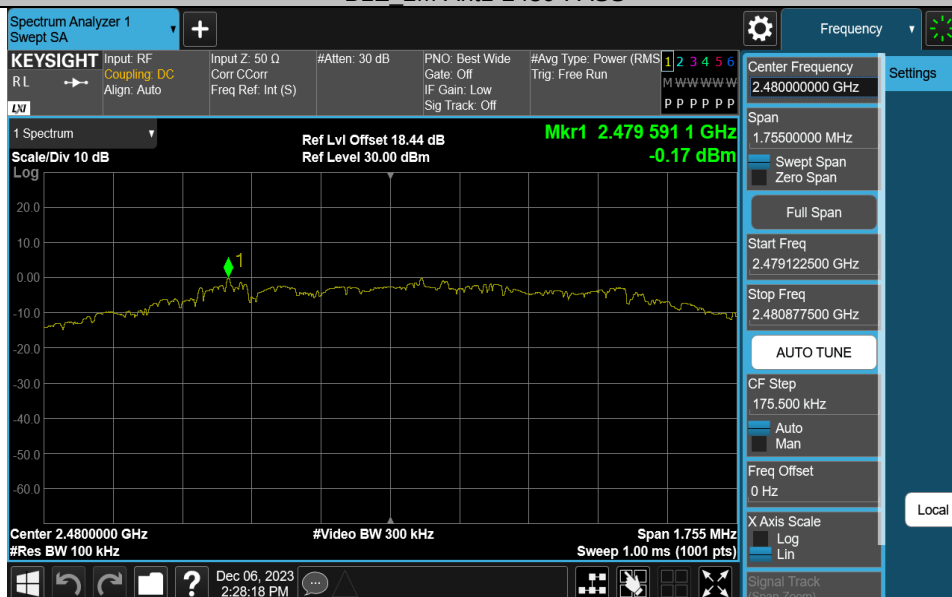
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS

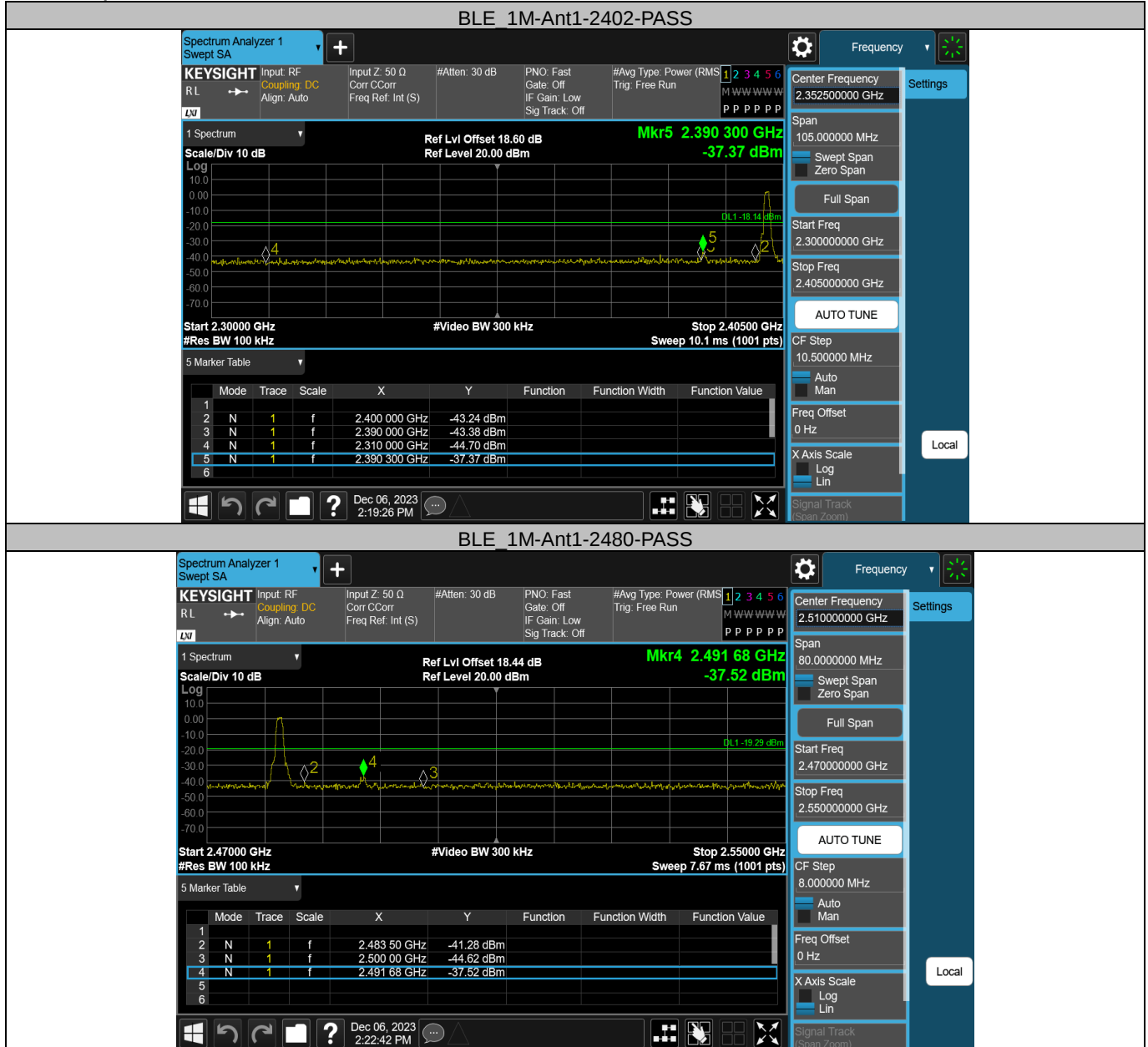


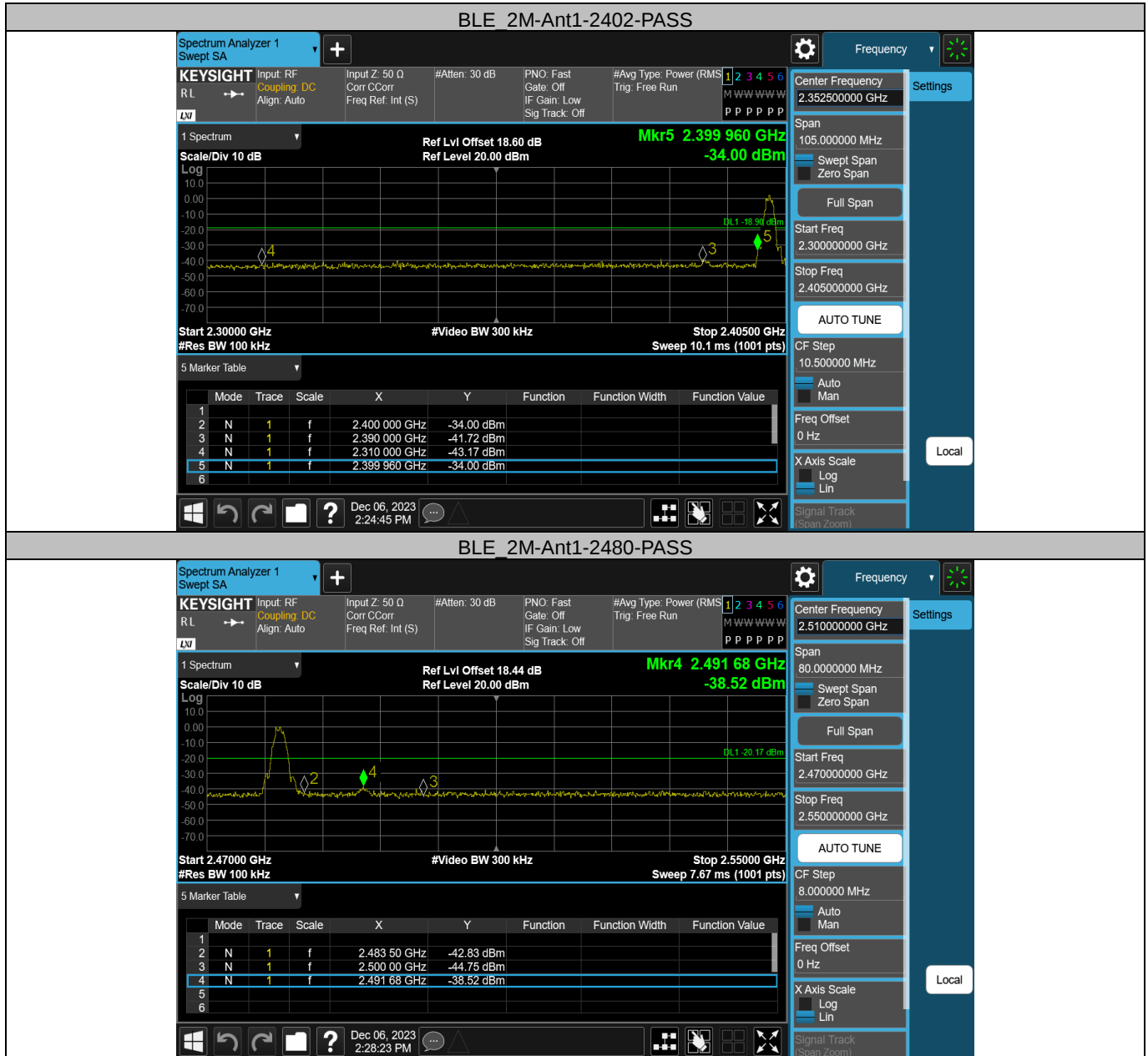
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.86	-37.37	≤ -18.14	PASS
BLE_1M	Ant1	High	2480	0.71	-37.52	≤ -19.29	PASS
BLE_2M	Ant1	Low	2402	1.10	-34	≤ -18.9	PASS
BLE_2M	Ant1	High	2480	-0.17	-38.52	≤ -20.17	PASS

Test Graphs

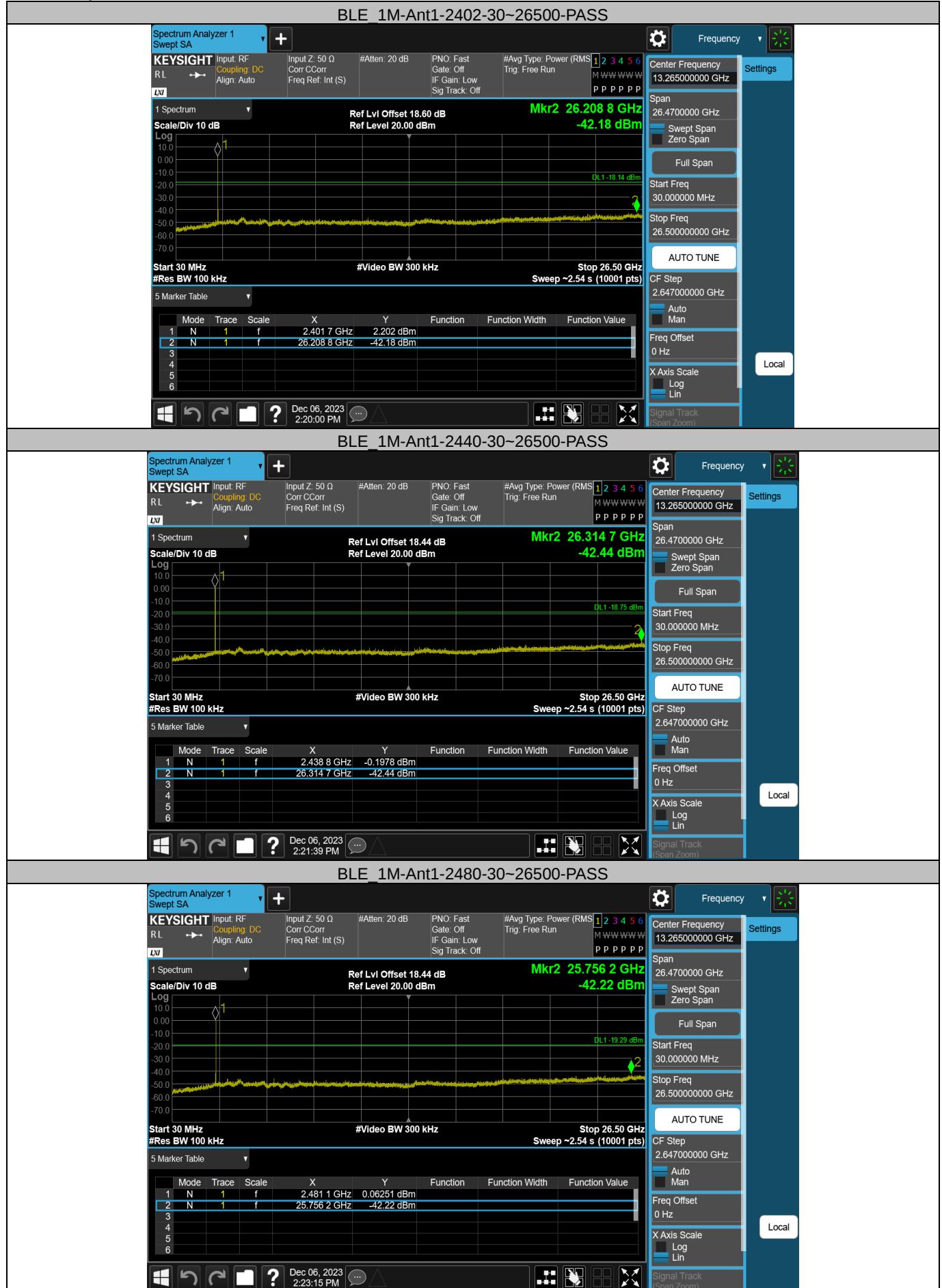




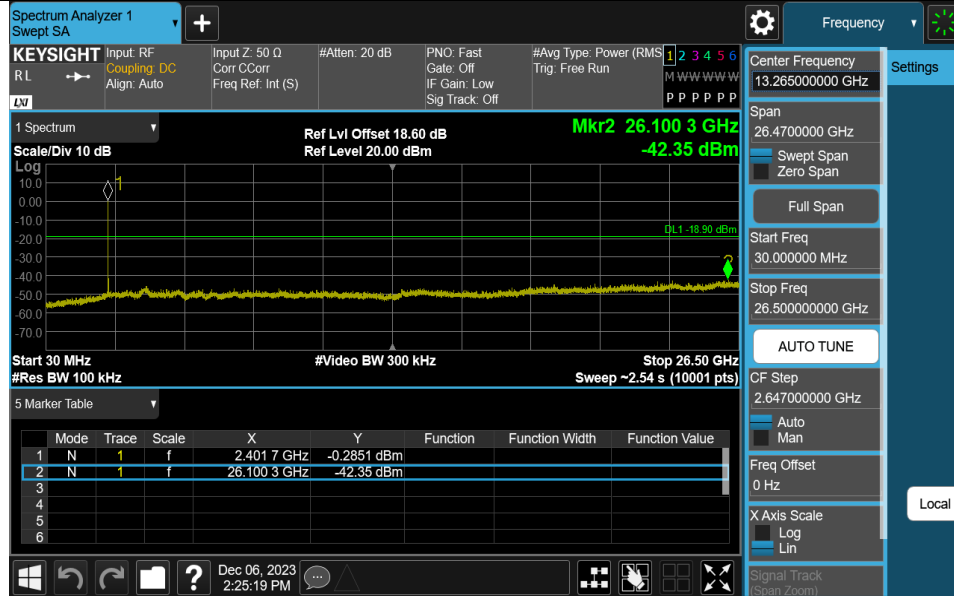
Appendix F: Conducted Spurious Emission Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	1.86	-42.18	≤-18.14	PASS
BLE_1M	Ant1	2440	30~26500	1.25	-42.44	≤-18.75	PASS
BLE_1M	Ant1	2480	30~26500	0.71	-42.22	≤-19.29	PASS
BLE_2M	Ant1	2402	30~26500	1.10	-42.35	≤-18.9	PASS
BLE_2M	Ant1	2440	30~26500	0.29	-41.41	≤-19.71	PASS
BLE_2M	Ant1	2480	30~26500	-0.17	-42.24	≤-20.17	PASS

Test Graphs



BLE 2M-Ant1-2402-30~26500-PASS



BLE 2M-Ant1-2440-30~26500-PASS



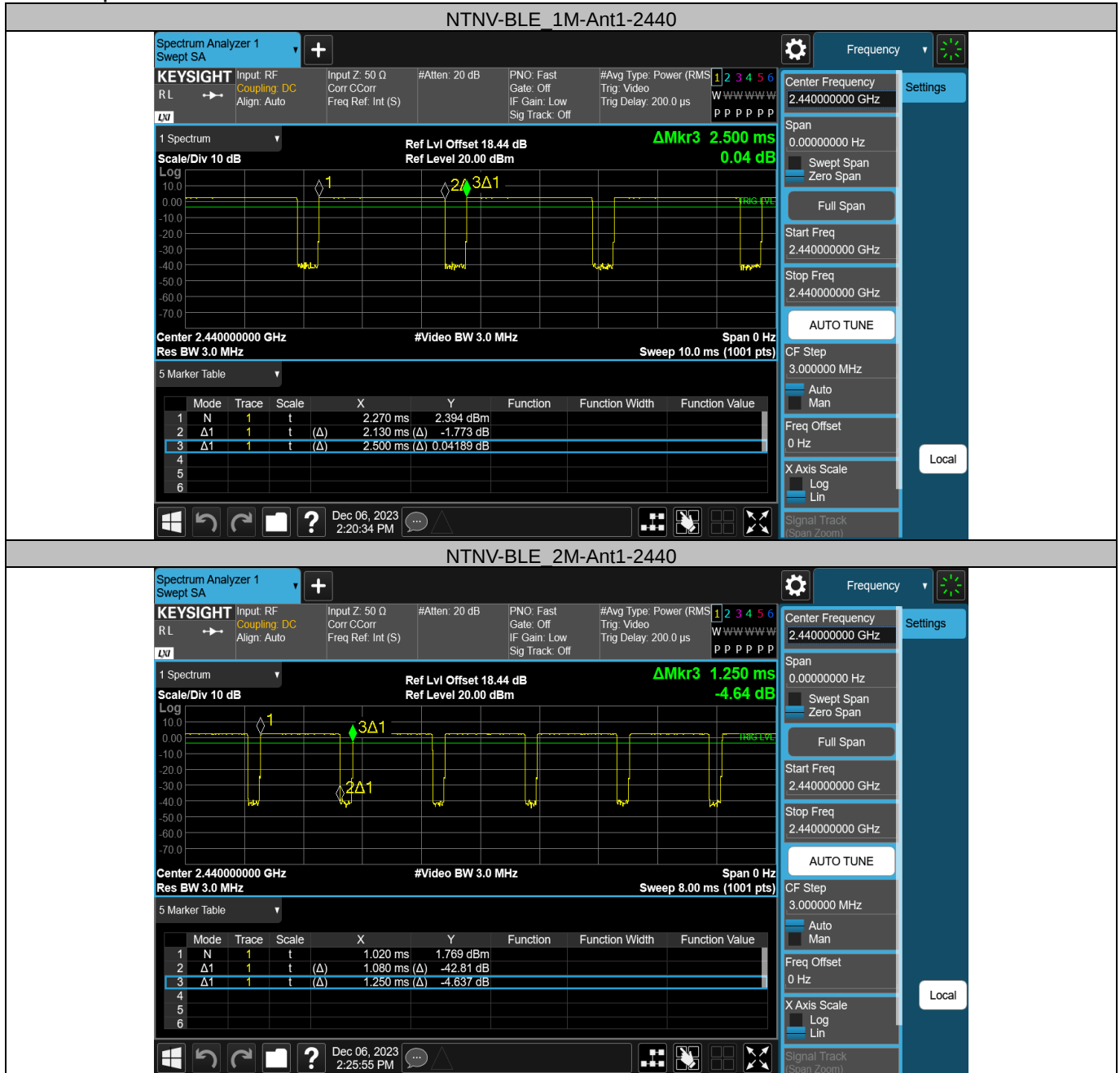
BLE 2M-Ant1-2480-30~26500-PASS



Appendix G: Duty Cycle Test Result

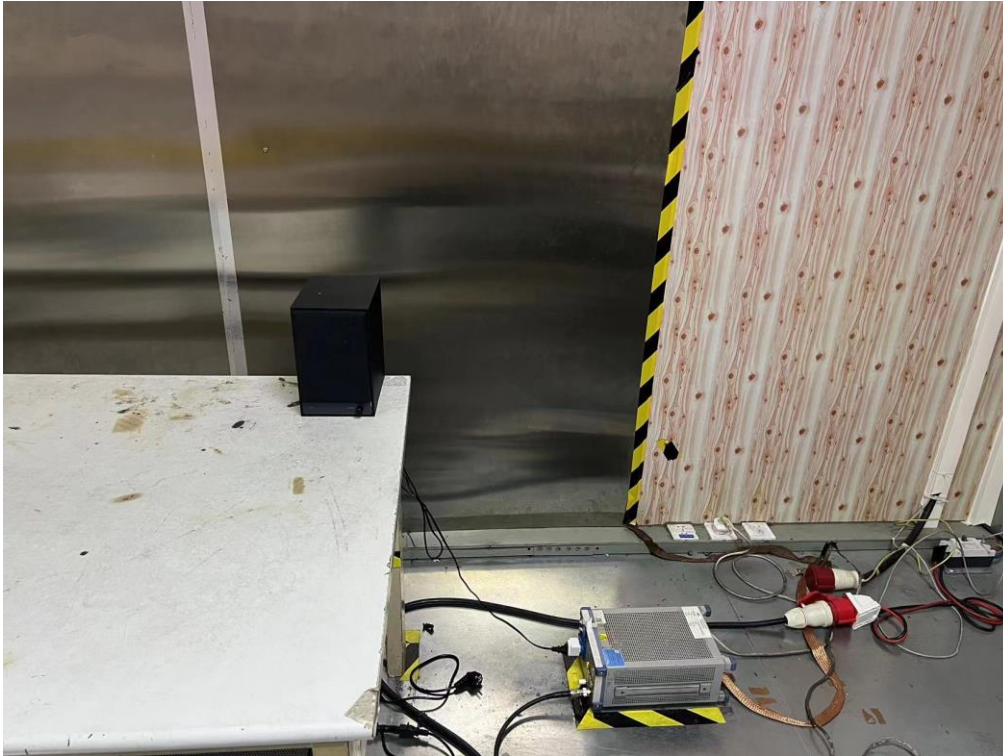
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2440	1.08	1.25	86.40	0.63

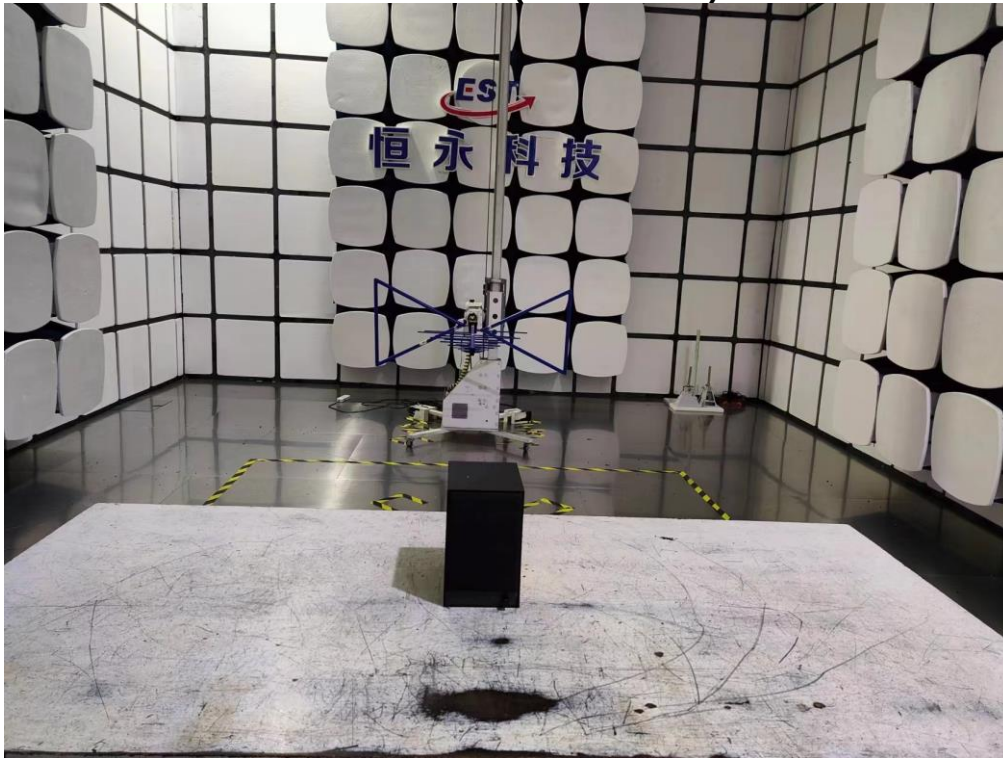
Test Graphs



12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)**Radiated Test (Above 1GHz)**

13. EUT PHOTO

External Photos

M/N: speakeasy 4



External Photos

M/N: speakeasy 4



External Photos

M/N: speakeasy 4

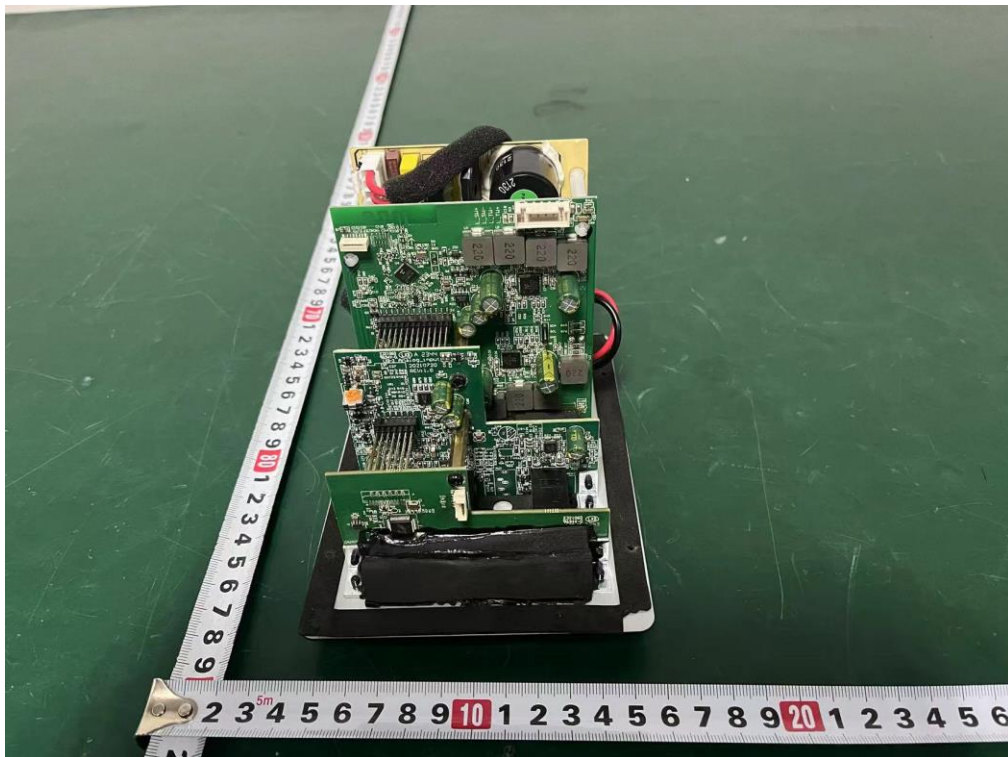
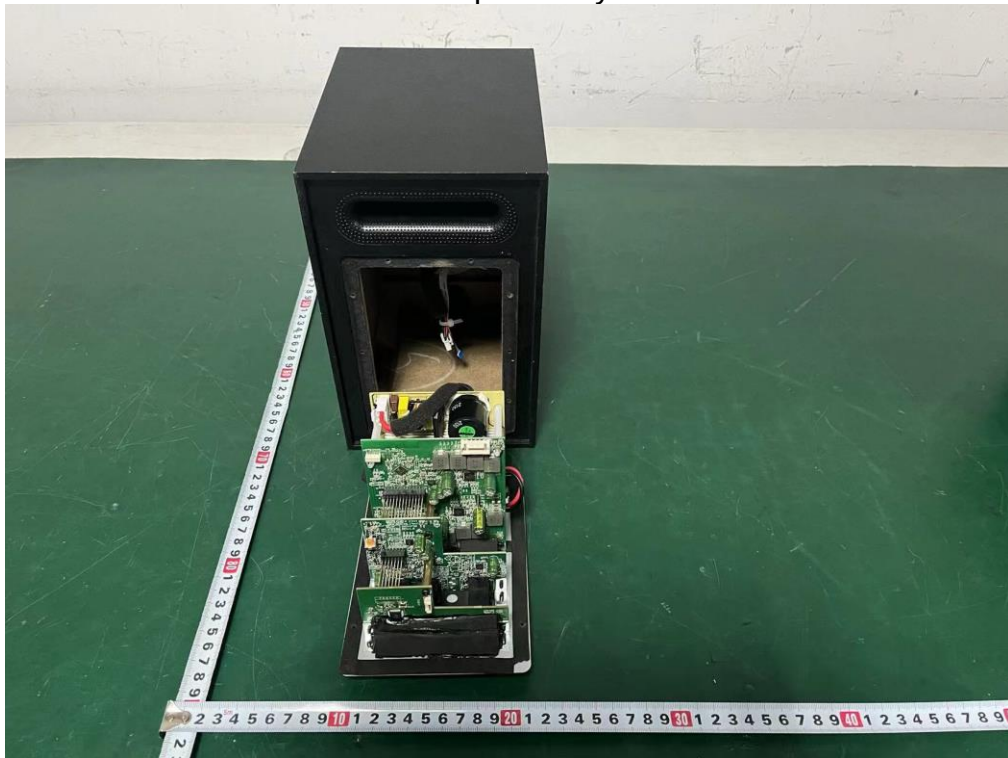


External Photos

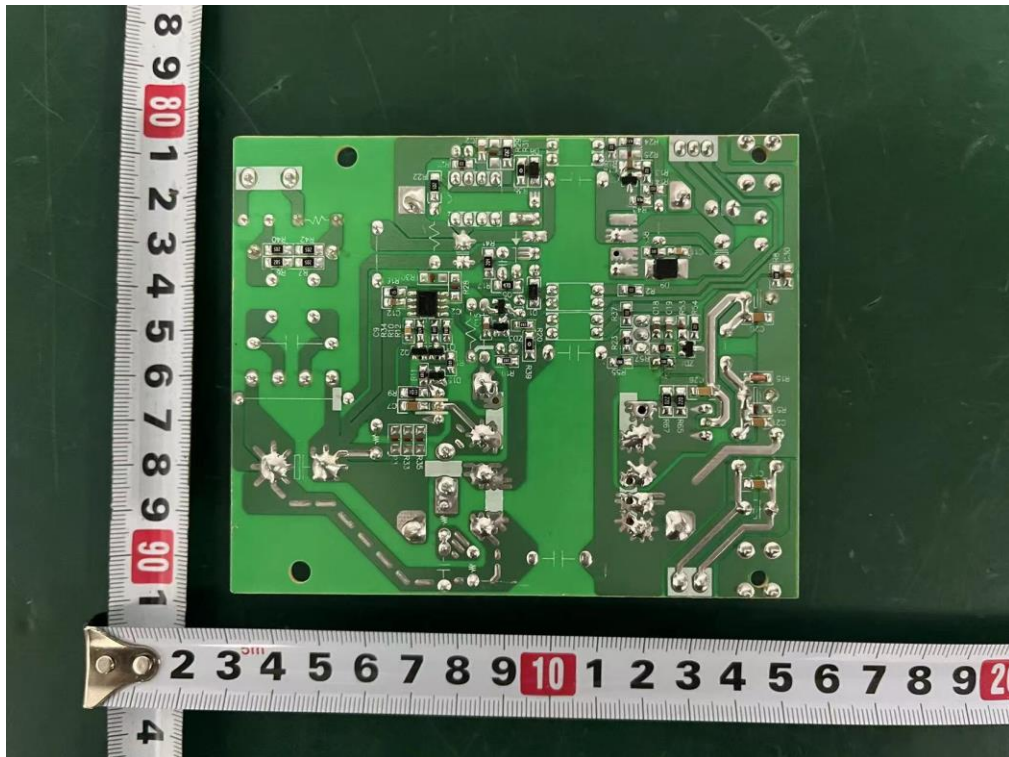
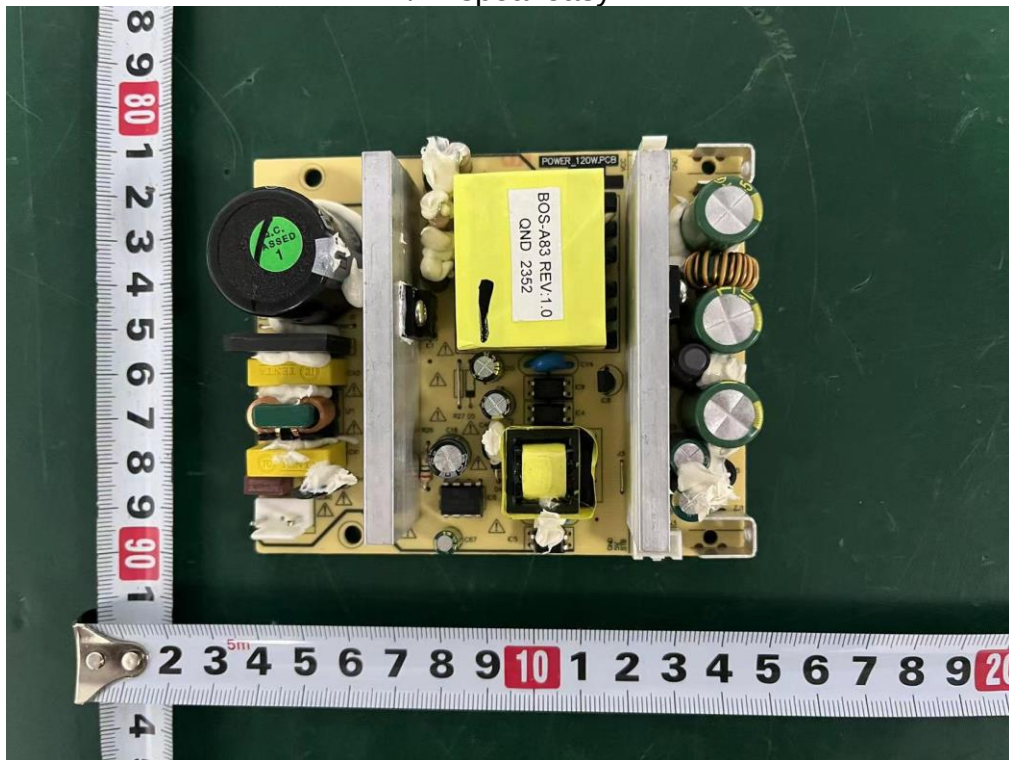
M/N: speakeasy 4



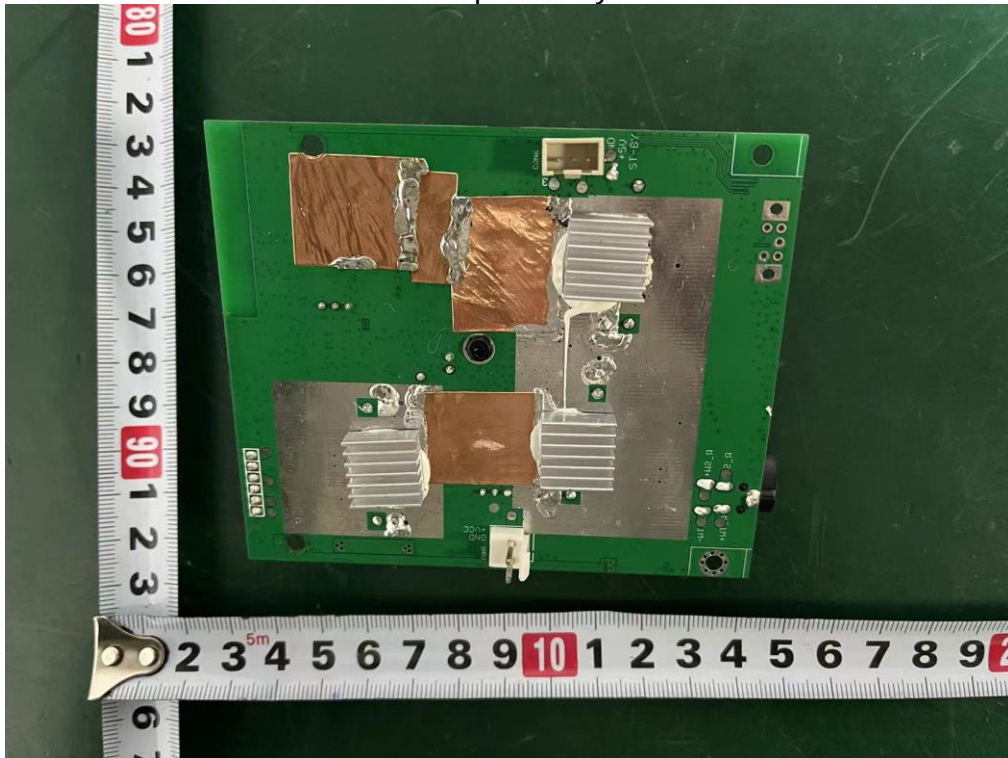
Internal Photos M/N: speakeasy 4



Internal Photos M/N: speakeasy 4

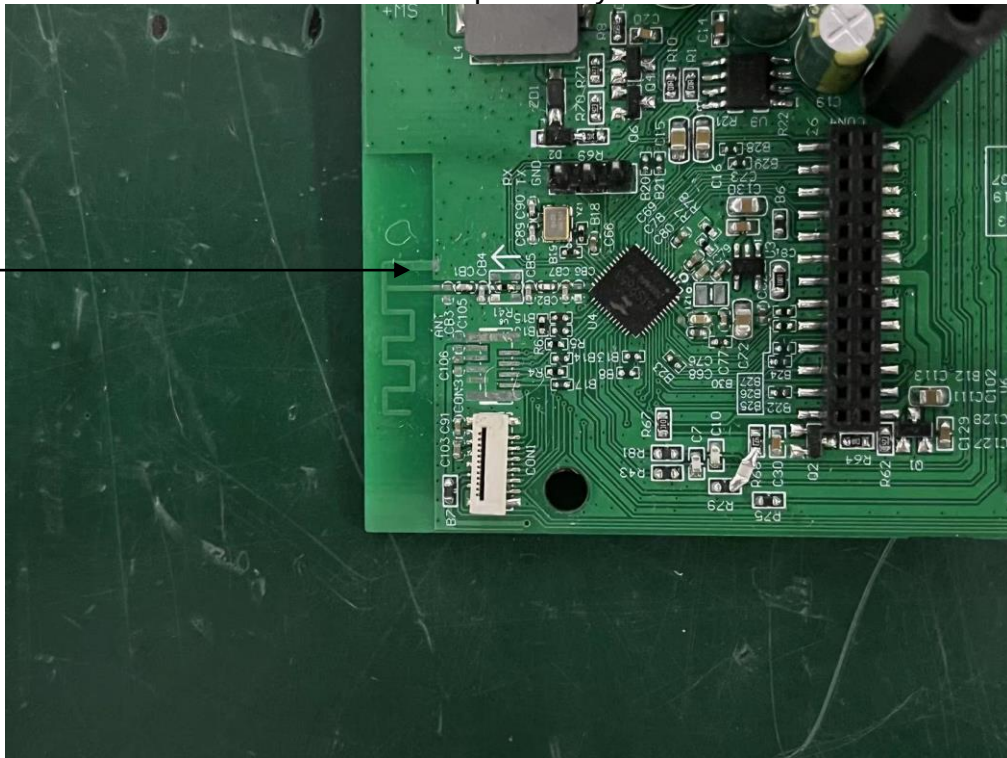


Internal Photos M/N: speakeasy 4

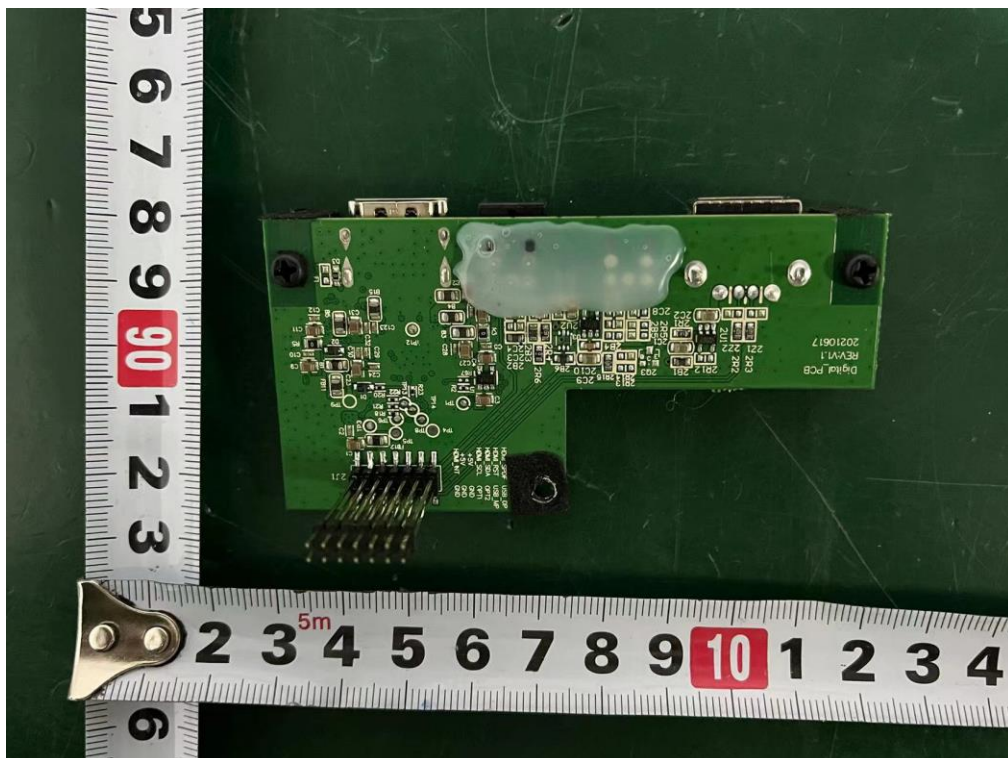
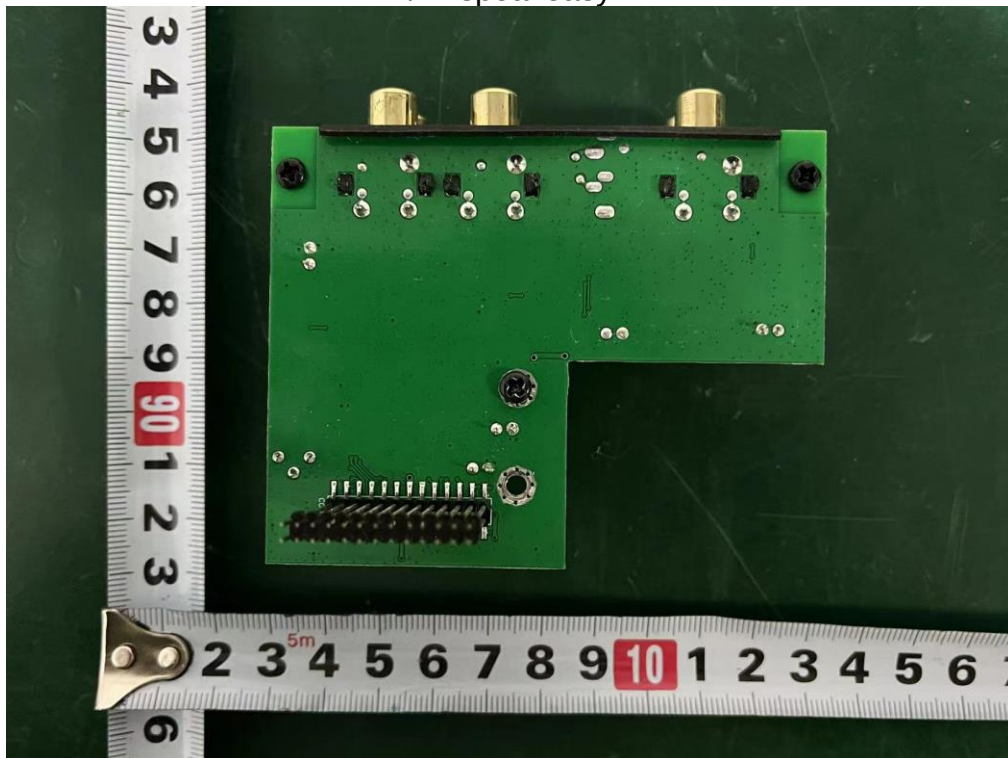


Internal Photos M/N: speakeasy 4

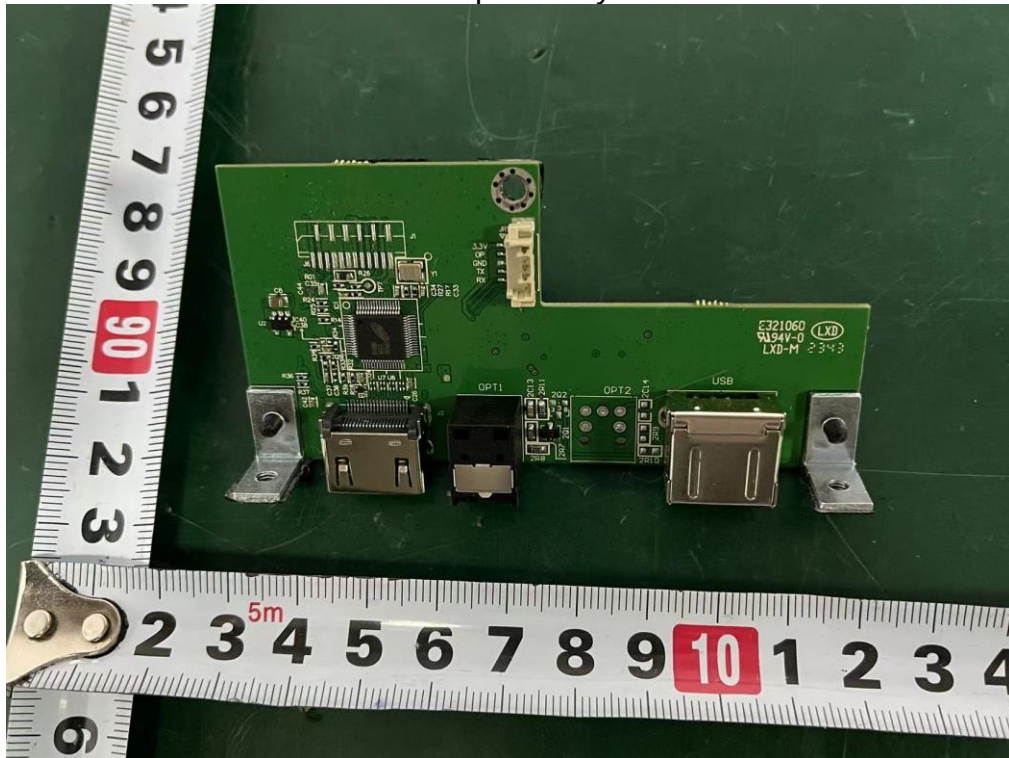
Bluetooth
Antenna



Internal Photos
M/N: speakeasy 4



Internal Photos M/N: speakeasy 4



Internal Photos M/N: speakeasy 4



End of Test Report