

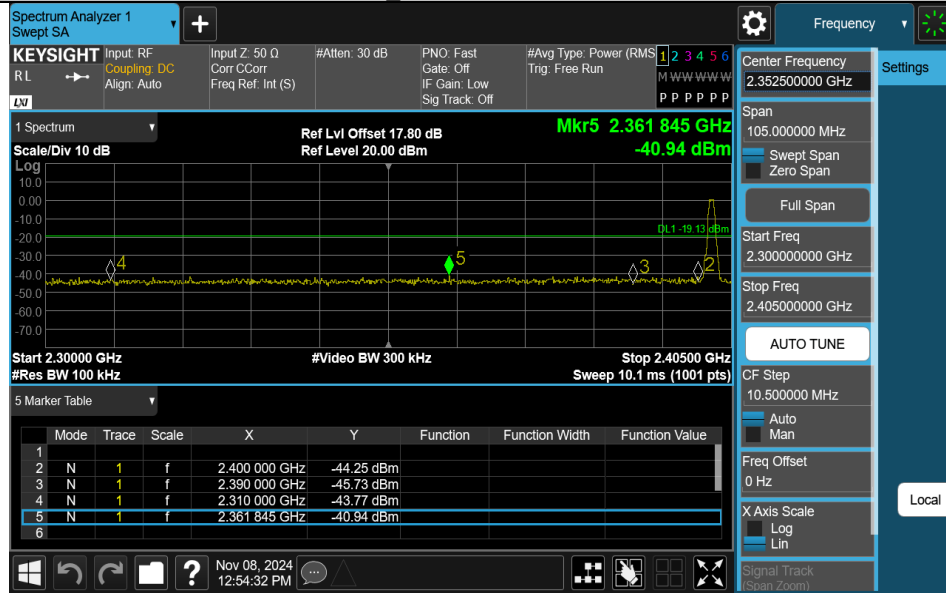
Appendix E: Band edge measurements

Test Result

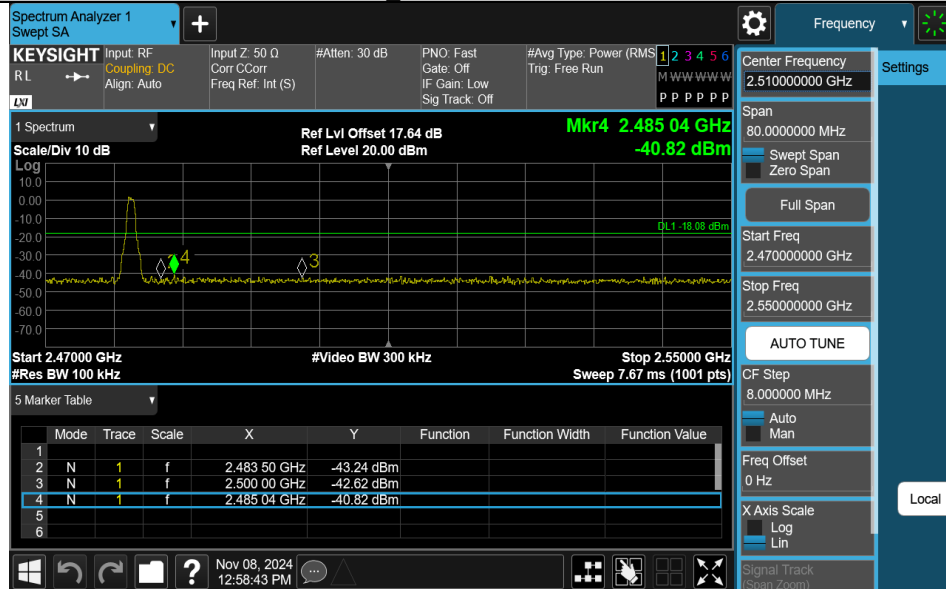
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.87	-40.94	≤ -19.13	PASS
BLE_1M	Ant1	High	2480	1.92	-40.83	≤ -18.08	PASS
BLE_2M	Ant1	Low	2402	-0.13	-34.91	≤ -20.13	PASS
BLE_2M	Ant1	High	2480	0.90	-41.12	≤ -19.1	PASS

Test Graphs

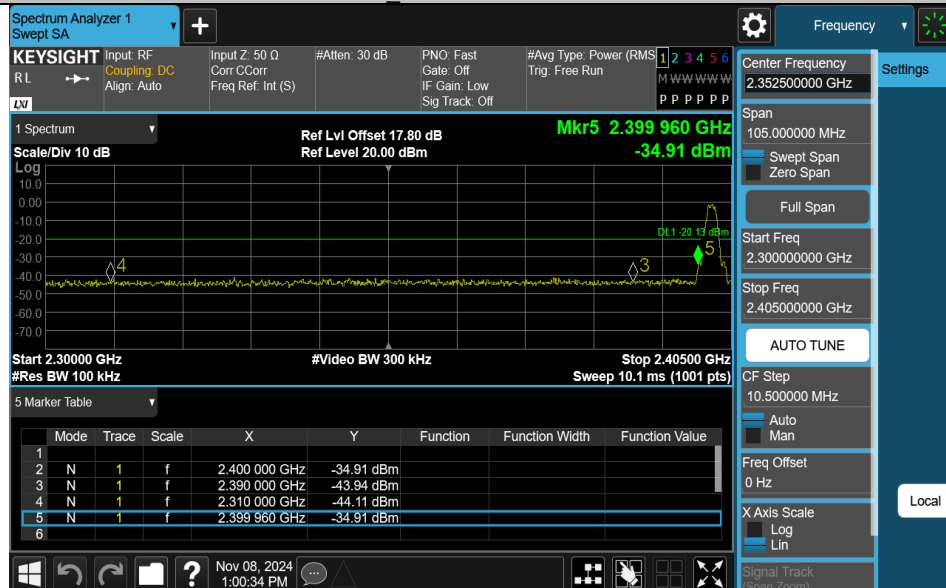
BLE 1M-Ant1-2402-PASS



BLE 1M-Ant1-2480-PASS

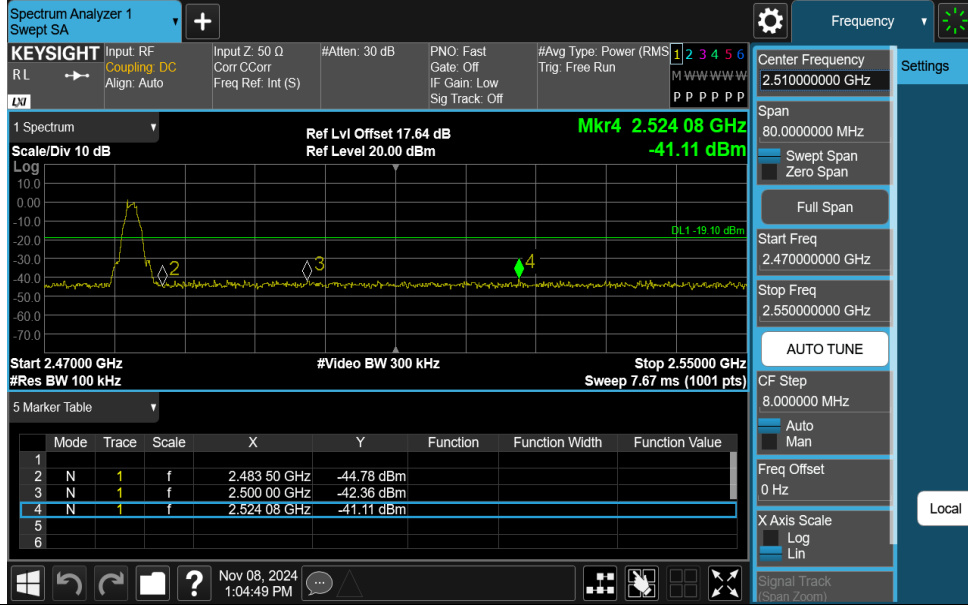


BLE 2M-Ant1-2402-PASS





BLE 2M-Ant1-2480-PASS

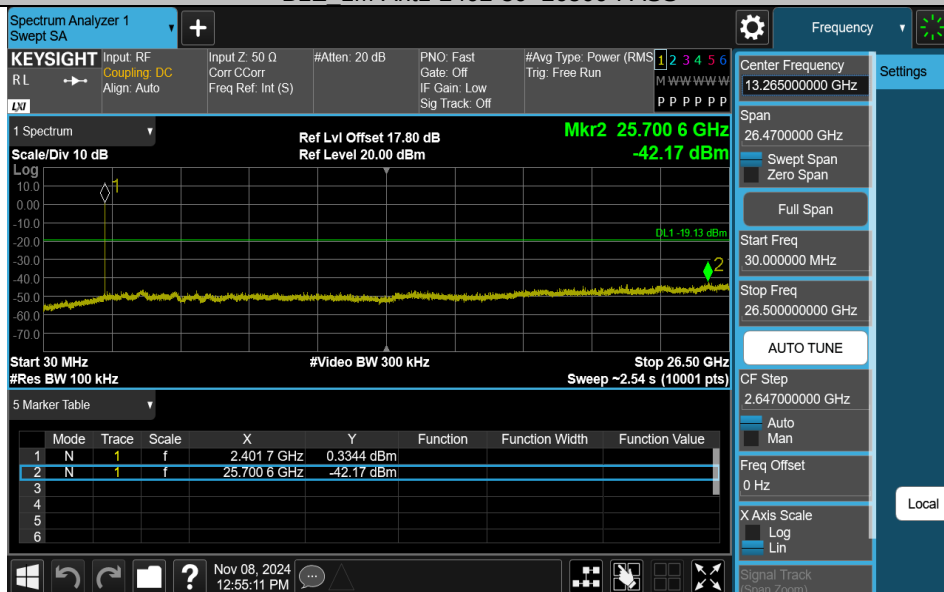


Appendix F: Conducted Spurious Emission Test Result

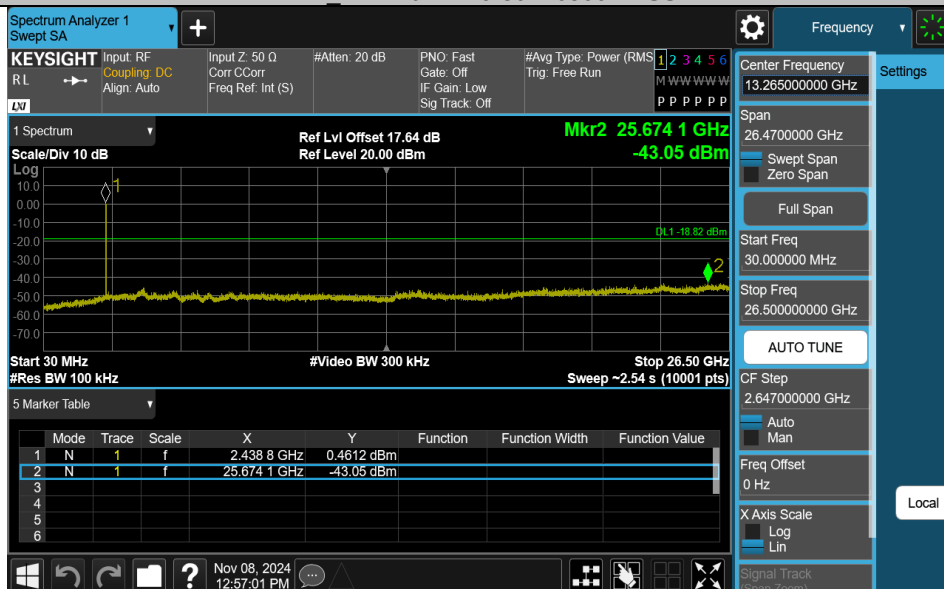
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	0.87	-42.17	≤-19.13	PASS
BLE_1M	Ant1	2440	30~26500	1.18	-43.05	≤-18.82	PASS
BLE_1M	Ant1	2480	30~26500	1.92	-42.68	≤-18.08	PASS
BLE_2M	Ant1	2402	30~26500	-0.13	-42.39	≤-20.13	PASS
BLE_2M	Ant1	2440	30~26500	0.52	-43	≤-19.48	PASS
BLE_2M	Ant1	2480	30~26500	0.90	-42.57	≤-19.1	PASS

Test Graphs

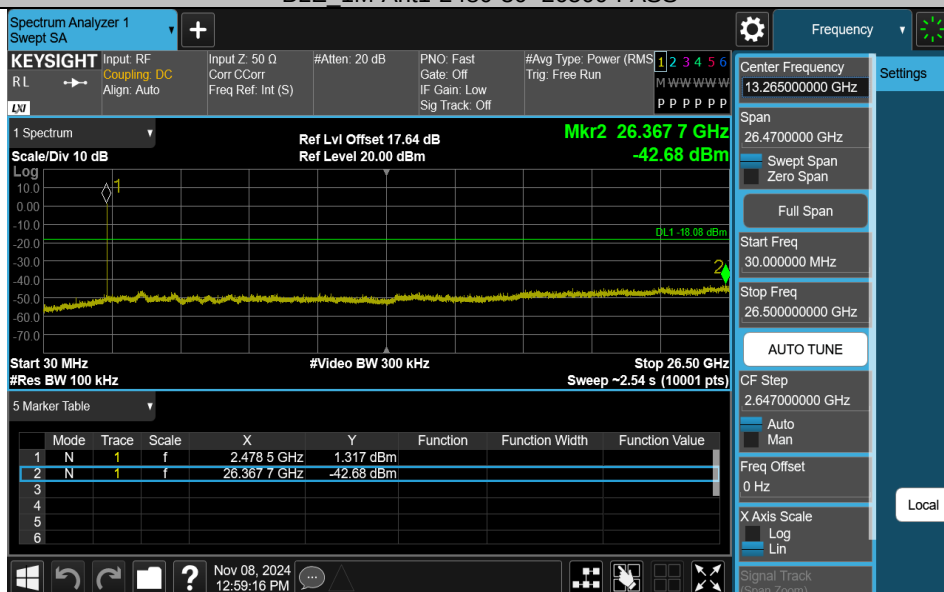
BLE 1M-Ant1-2402-30~26500-PASS



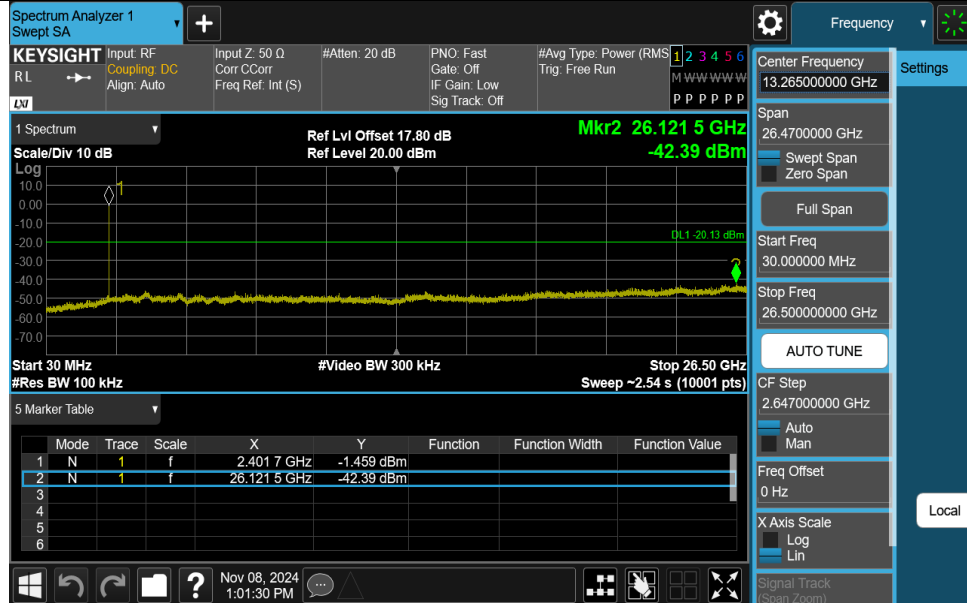
BLE 1M-Ant1-2440-30~26500-PASS



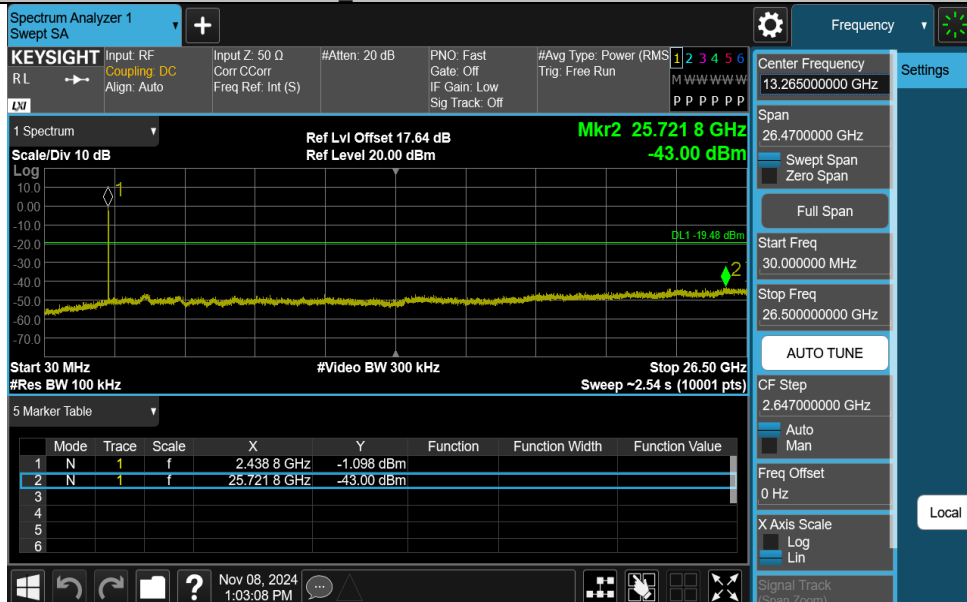
BLE 1M-Ant1-2480-30~26500-PASS



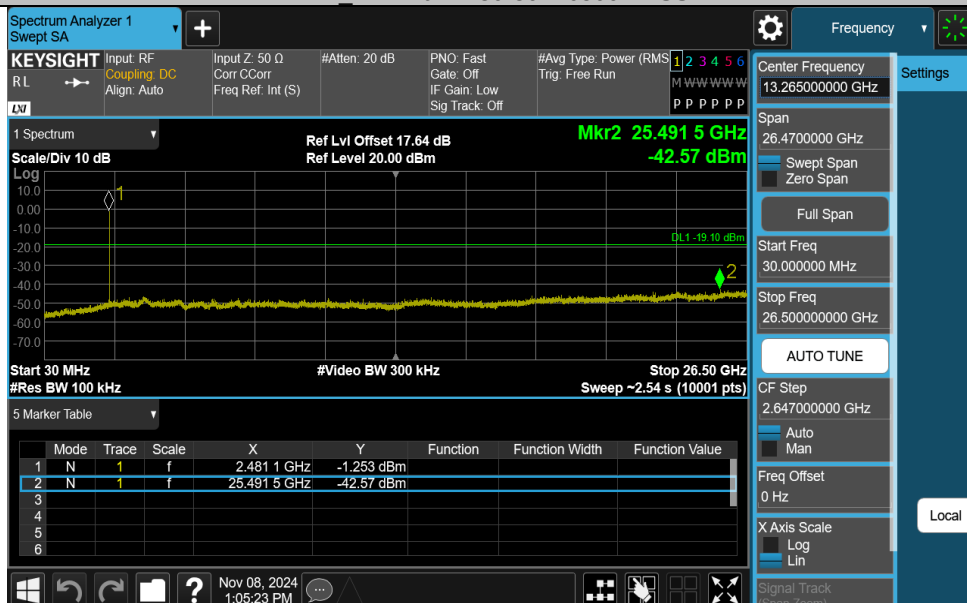
BLE 2M-Ant1-2402-30~26500-PASS



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



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



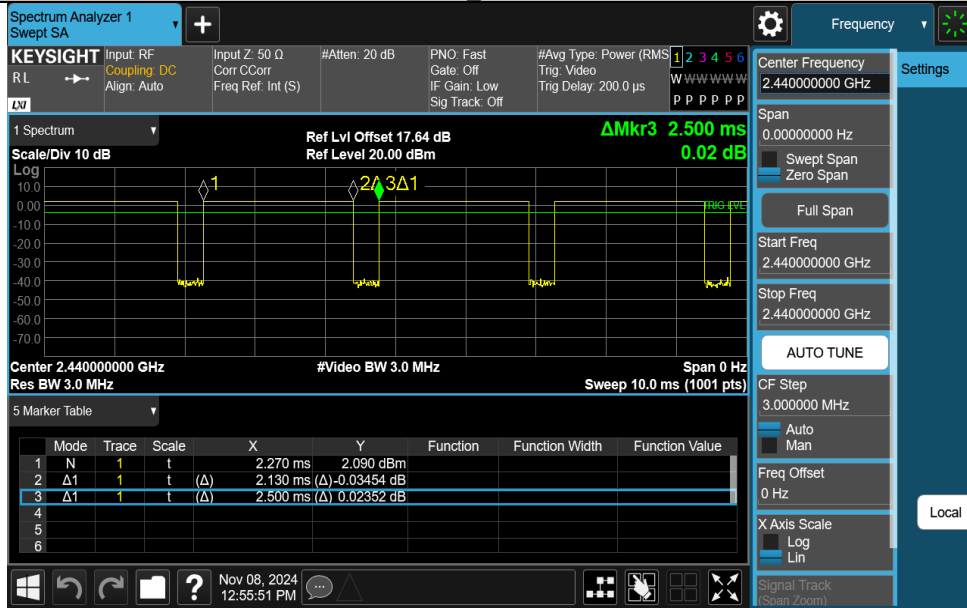
Appendix G: Duty Cycle

Test Result

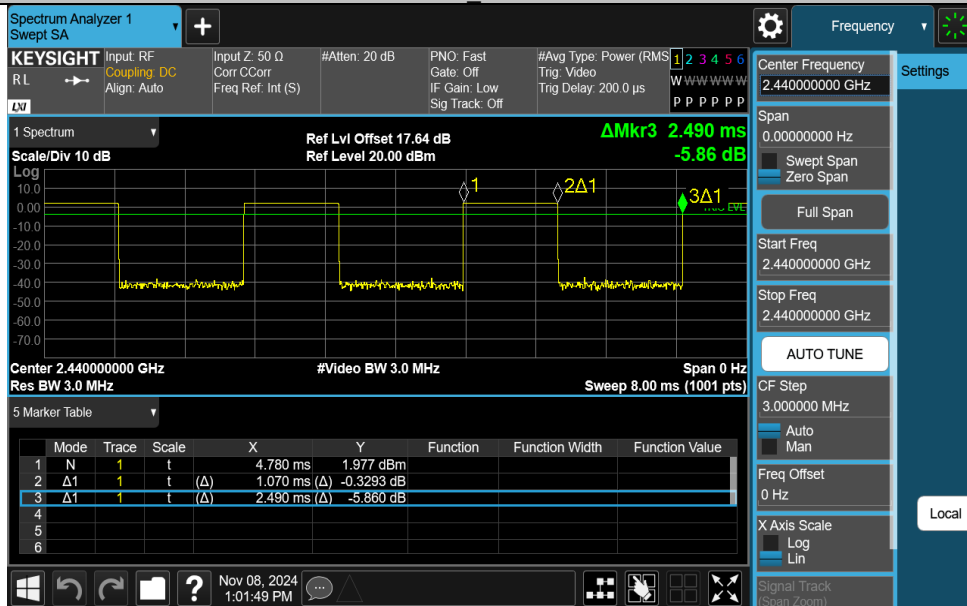
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2440	1.07	2.49	42.97	3.67

Test Graphs

NTNV-BLE 1M-Ant1-2440



NTNV-BLE 2M-Ant1-2440

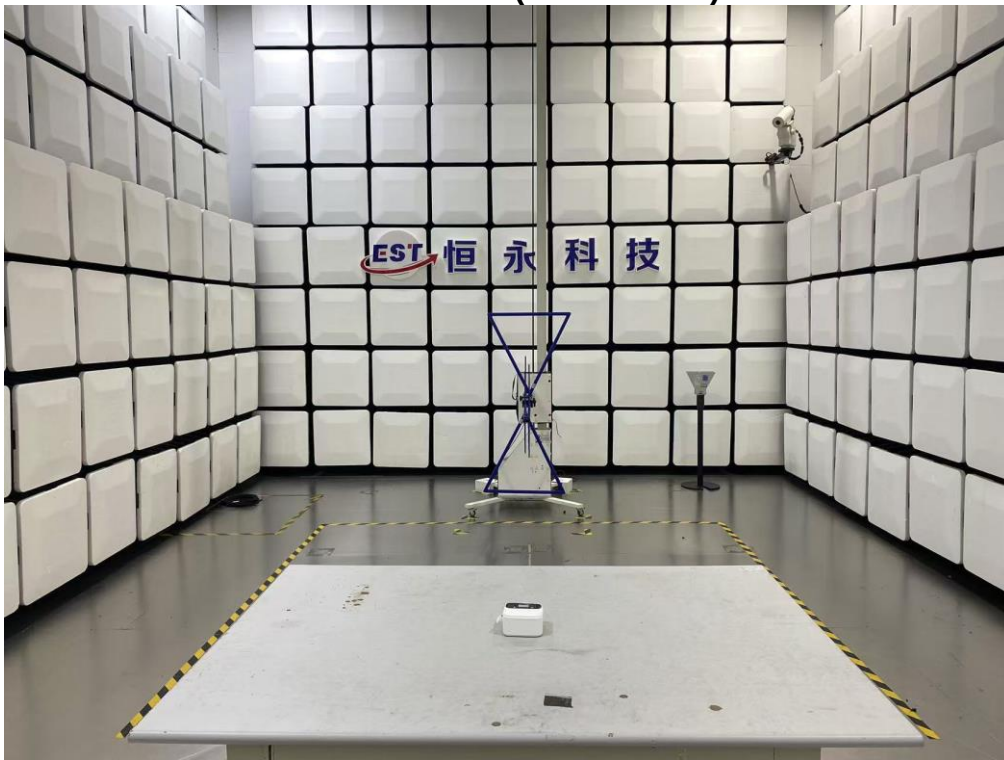


12. TEST SETUP PHOTO

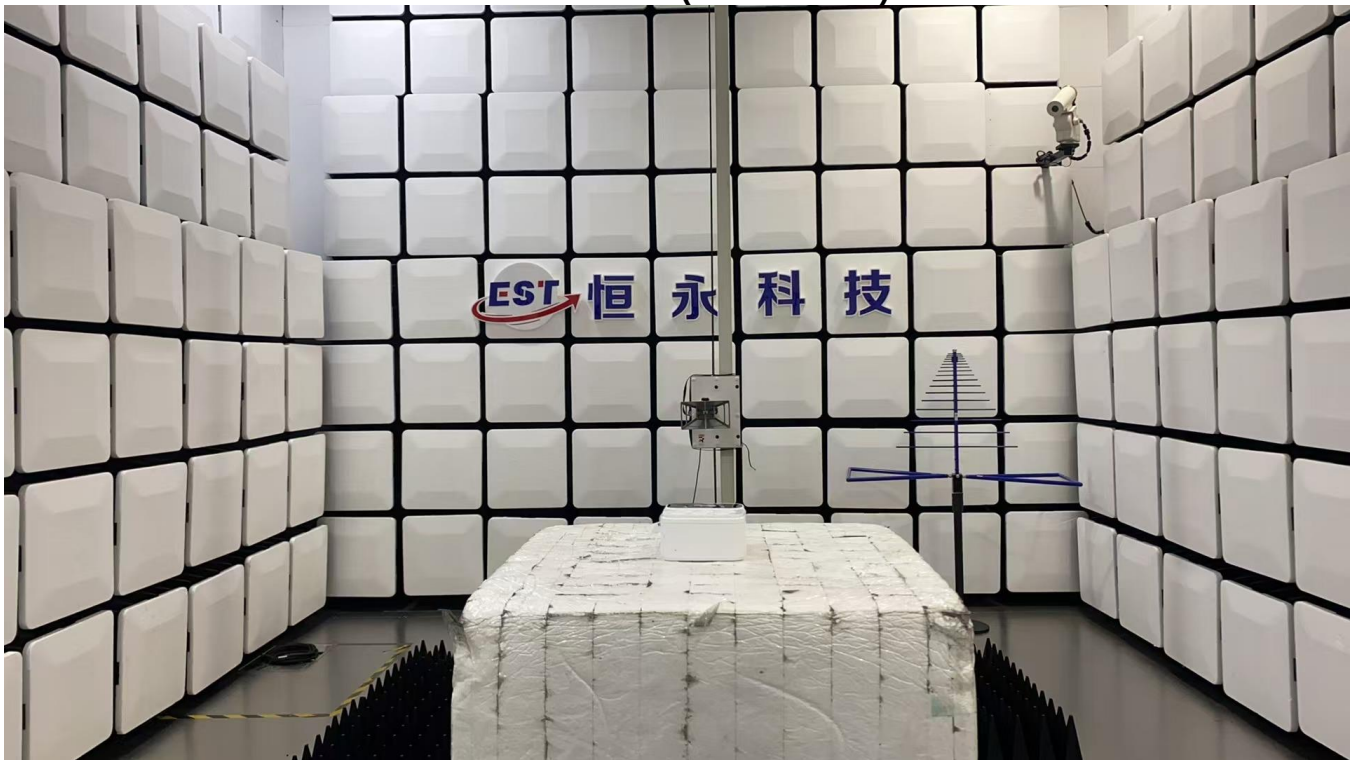
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos

M/N: F12



External Photos

M/N: F12



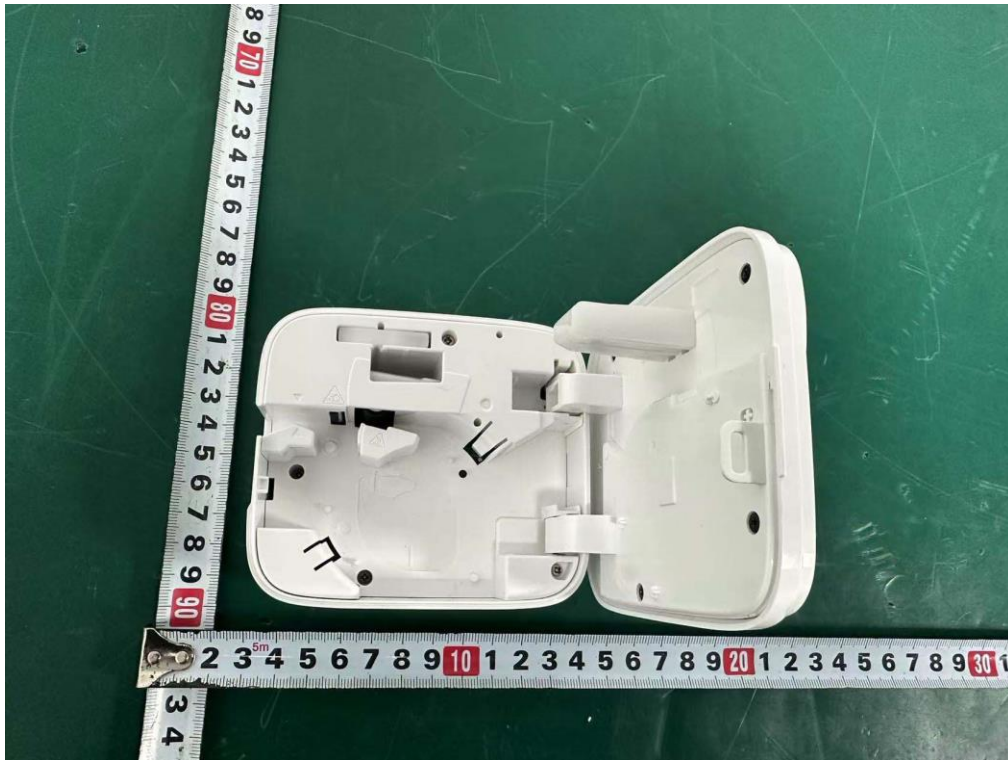
External Photos

M/N: F12



Internal Photos

M/N: F12



Internal Photos

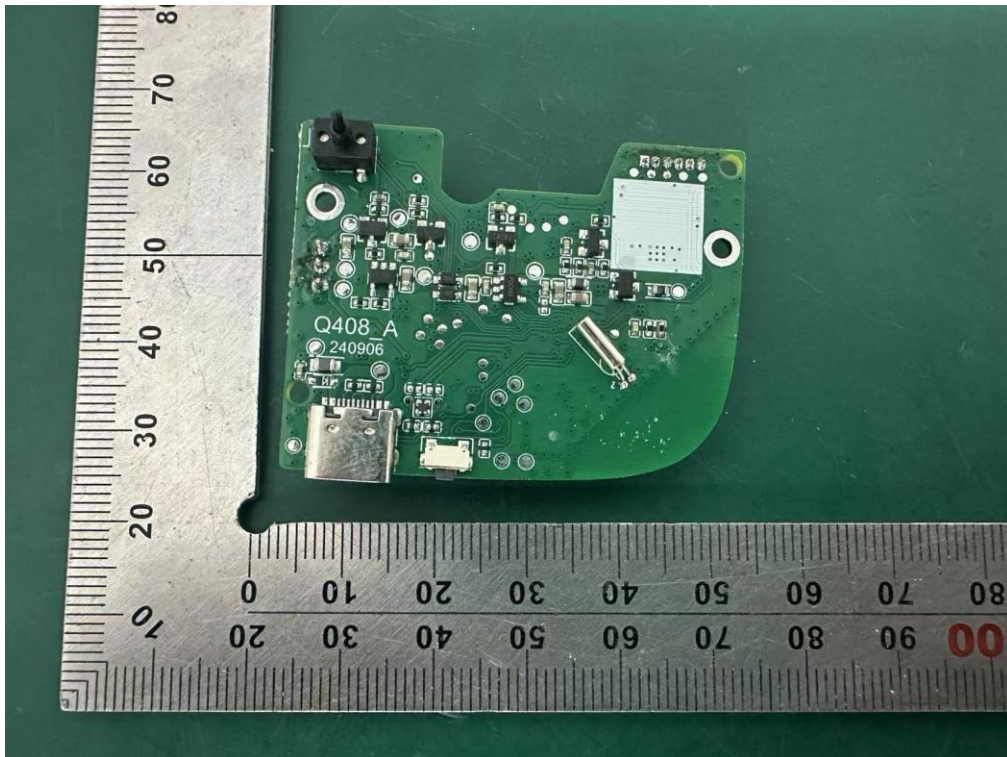
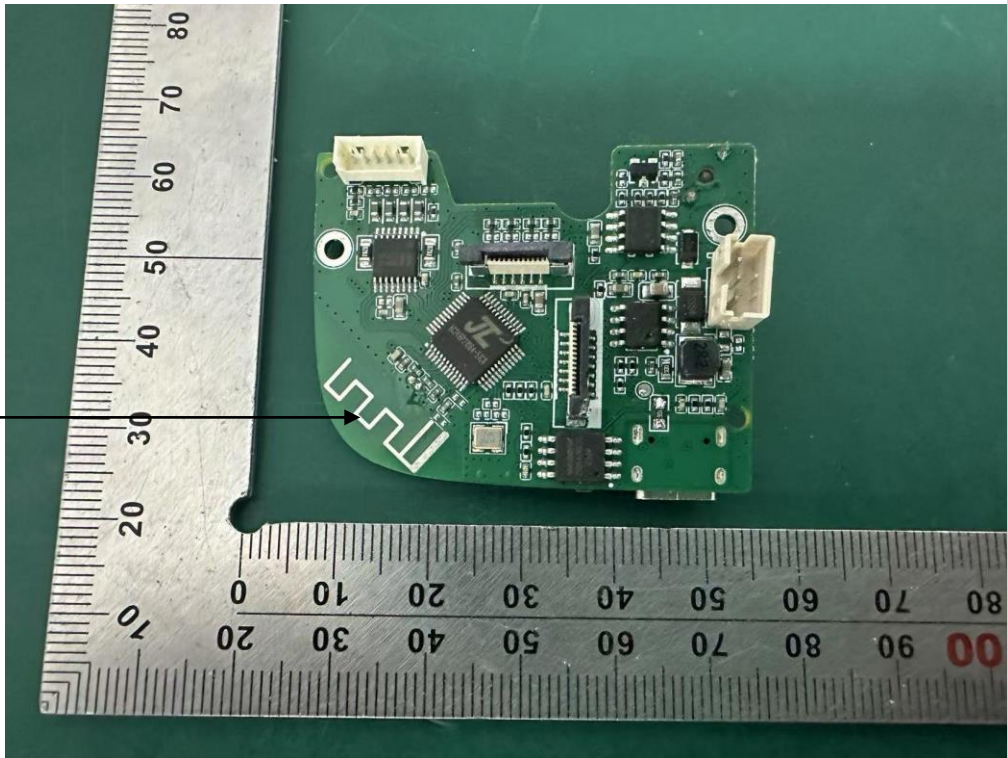
M/N: F12



Internal Photos

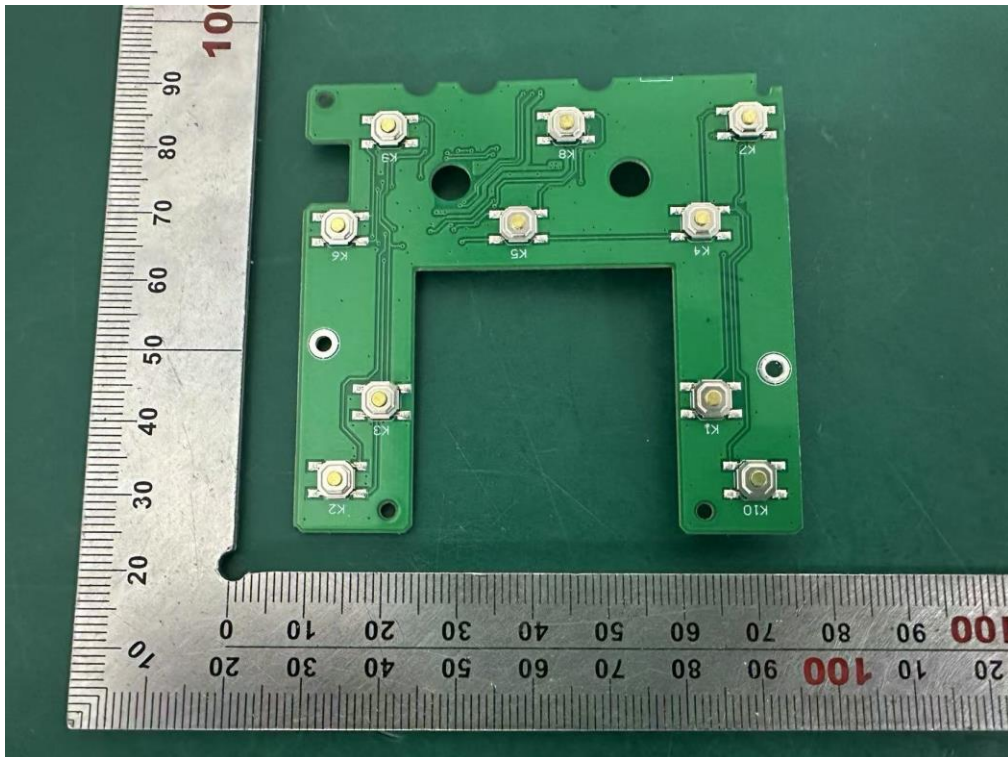
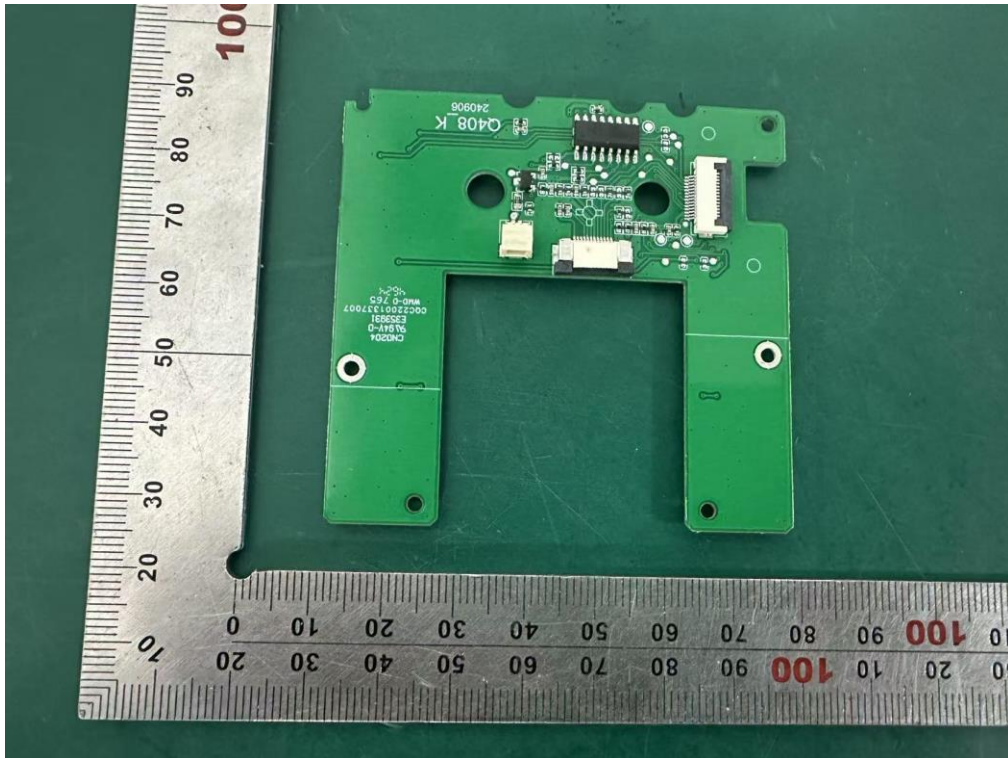
M/N: F12

Bluetooth
Antenna



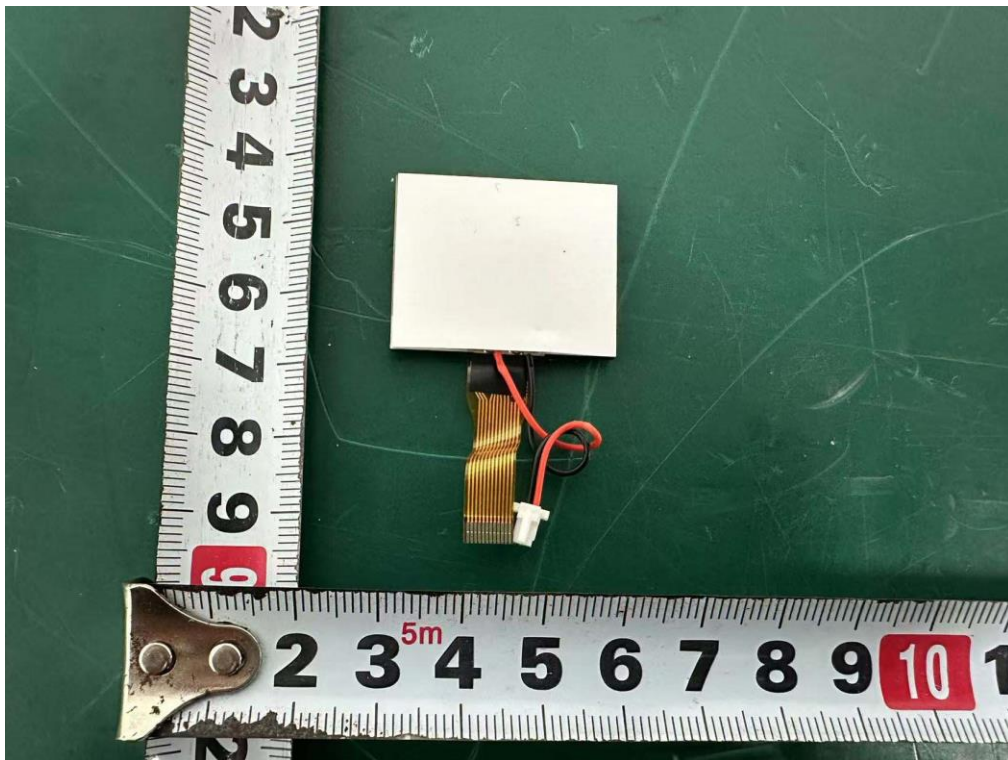
Internal Photos

M/N: F12



Internal Photos

M/N: F12



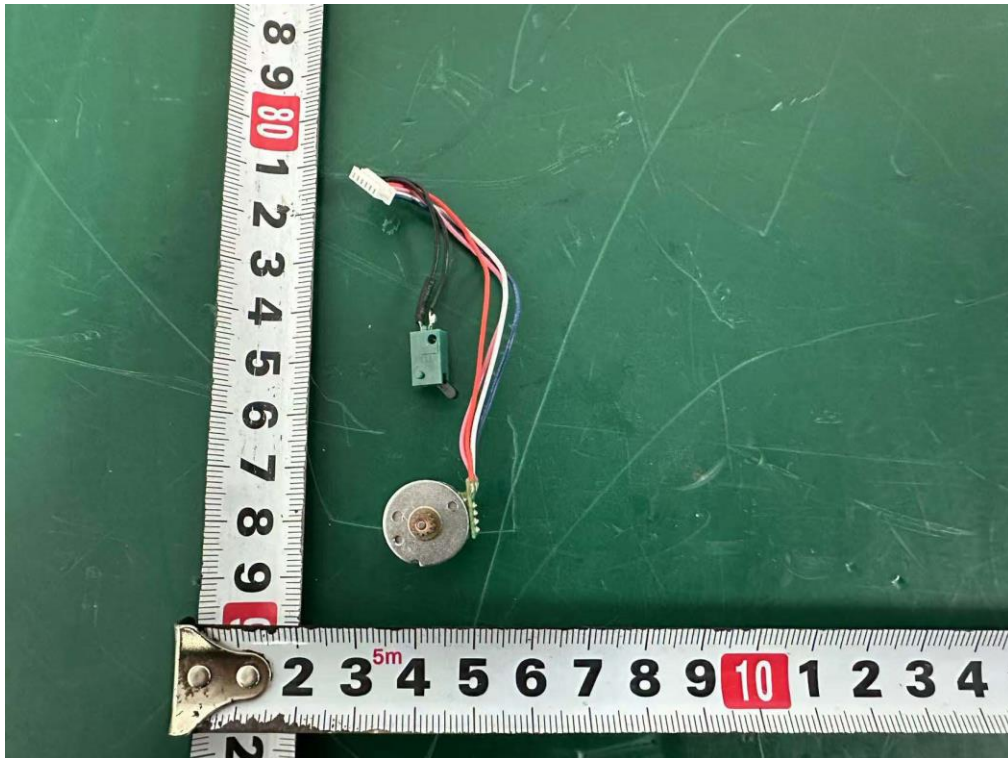
Internal Photos

M/N: F12



Internal Photos

M/N: F12



Internal Photos

M/N: F12



Internal Photos

M/N: F12



Internal Photos

M/N: F12



End of Test Report