

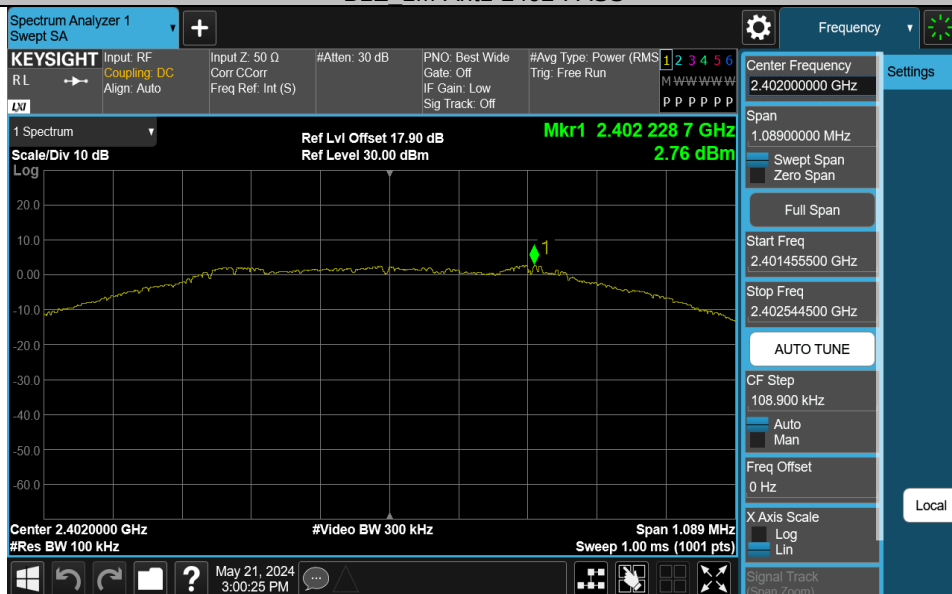
Appendix D: Reference level measurement

Test Result

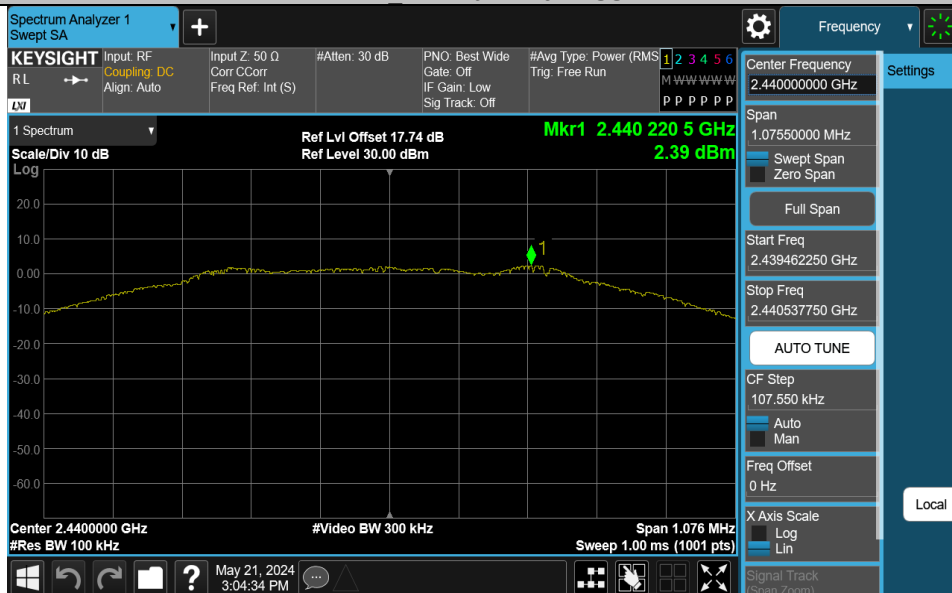
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.23	2.77
BLE_1M	Ant1	2440	2440.22	2.39
BLE_1M	Ant1	2480	2480.23	2.21
BLE_2M	Ant1	2402	2402.14	0.97
BLE_2M	Ant1	2440	2440.14	0.55
BLE_2M	Ant1	2480	2480.14	0.47

Test Graphs

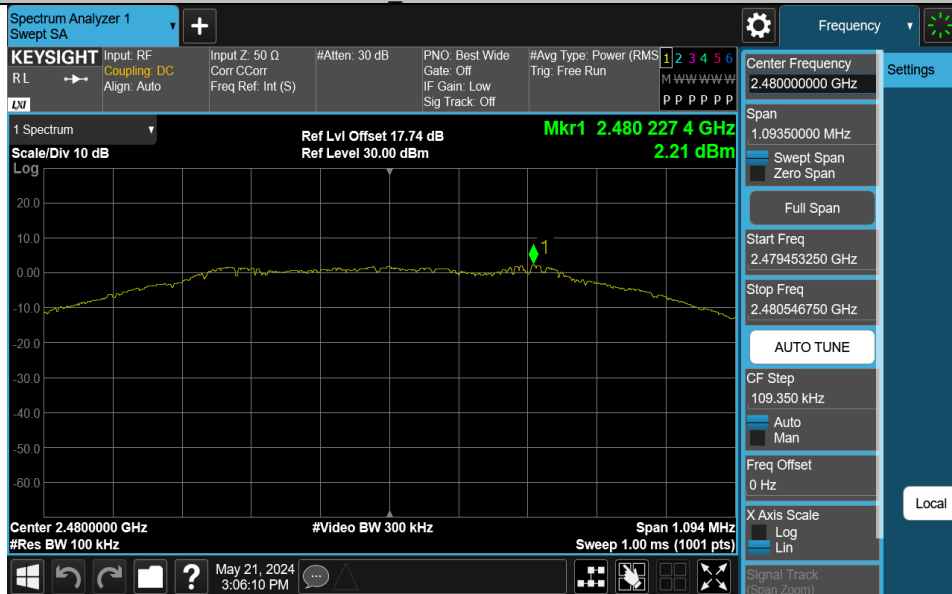
BLE 1M-Ant1-2402-PASS



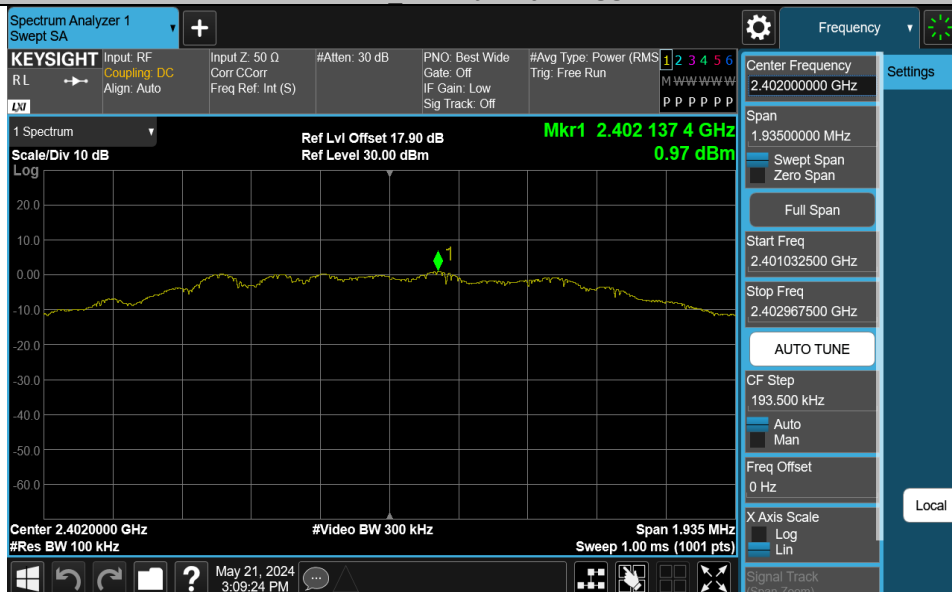
BLE 1M-Ant1-2440-PASS



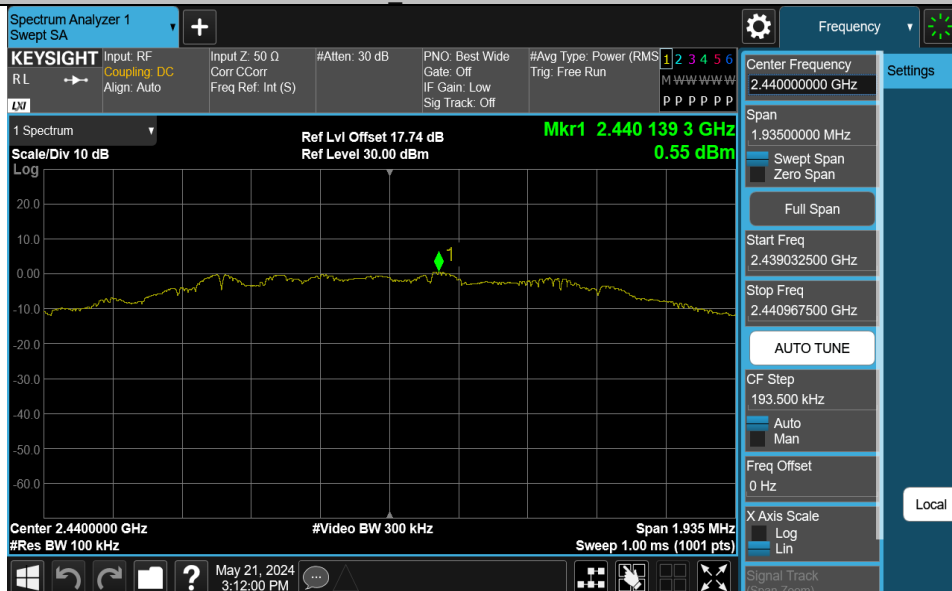
BLE 1M-Ant1-2480-PASS



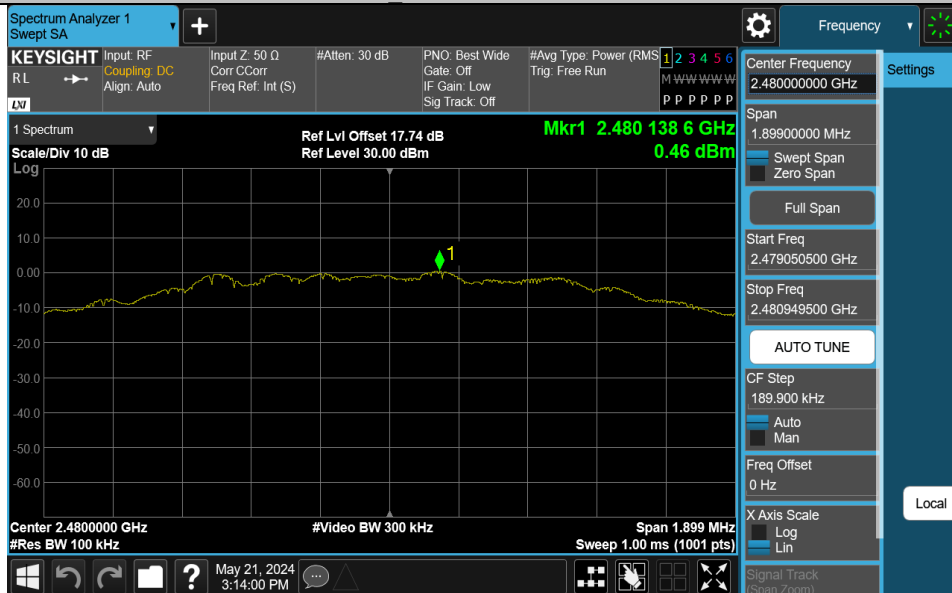
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



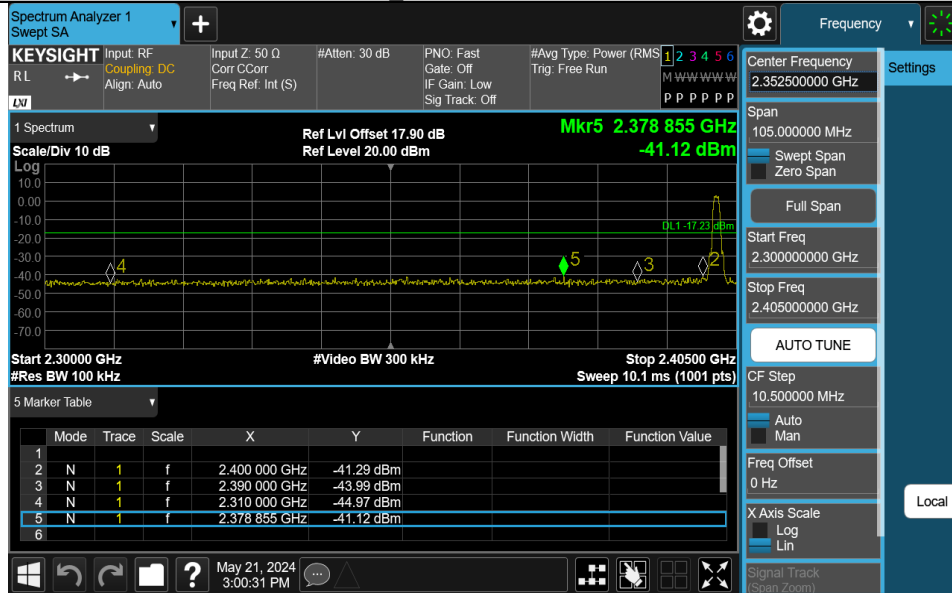
Appendix E: Band edge measurements

Test Result

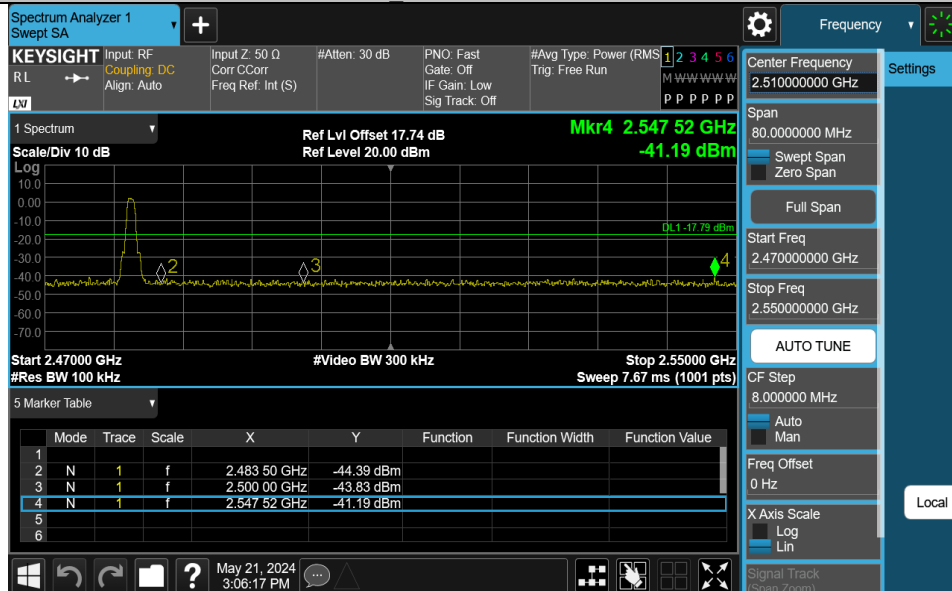
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.77	-41.12	≤ -17.23	PASS
BLE_1M	Ant1	High	2480	2.21	-41.19	≤ -17.79	PASS
BLE_2M	Ant1	Low	2402	0.97	-31.55	≤ -19.03	PASS
BLE_2M	Ant1	High	2480	0.47	-40.42	≤ -19.53	PASS

Test Graphs

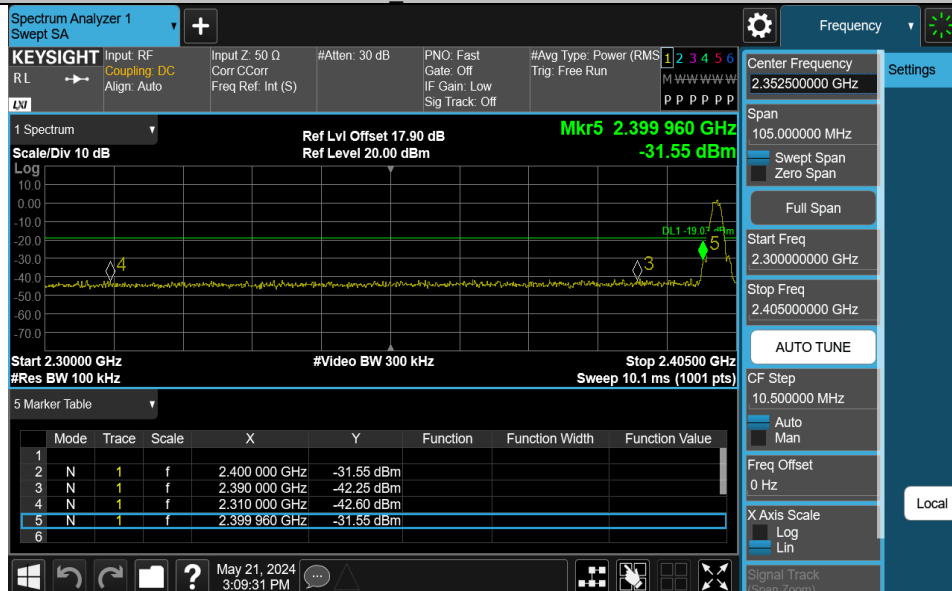
BLE 1M-Ant1-2402-PASS



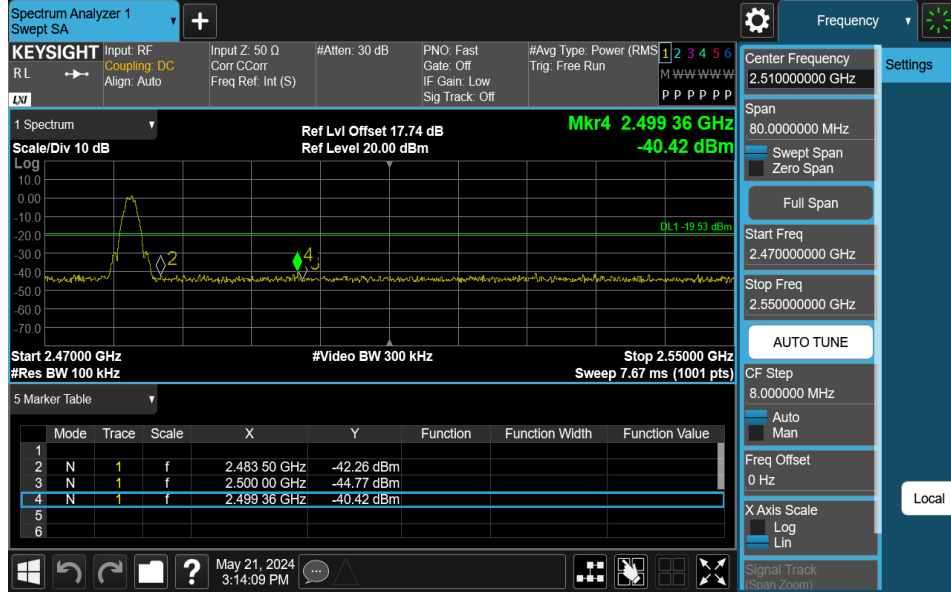
BLE 1M-Ant1-2480-PASS



BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2480-PASS

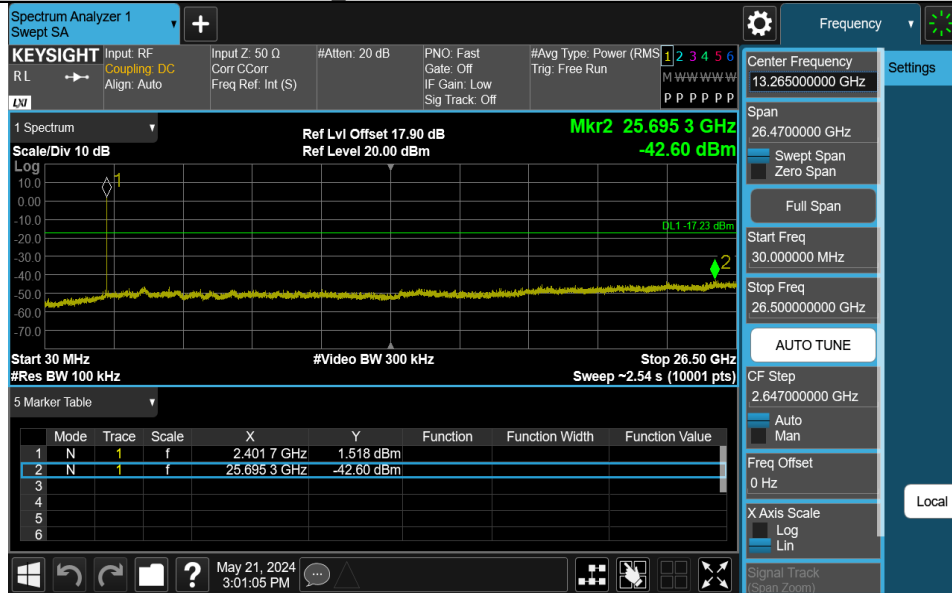


Appendix F: Conducted Spurious Emission Test Result

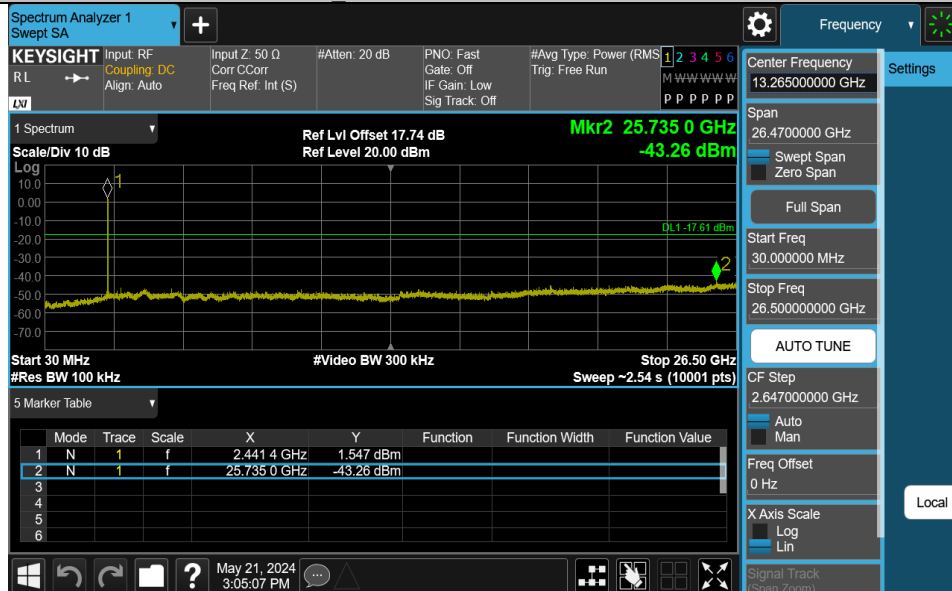
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	2.77	-42.6	≤ -17.23	PASS
BLE_1M	Ant1	2440	30~26500	2.39	-43.26	≤ -17.61	PASS
BLE_1M	Ant1	2480	30~26500	2.21	-43.15	≤ -17.79	PASS
BLE_2M	Ant1	2402	30~26500	0.97	-42.27	≤ -19.03	PASS
BLE_2M	Ant1	2440	30~26500	0.55	-42.72	≤ -19.45	PASS
BLE_2M	Ant1	2480	30~26500	0.47	-43.32	≤ -19.53	PASS

Test Graphs

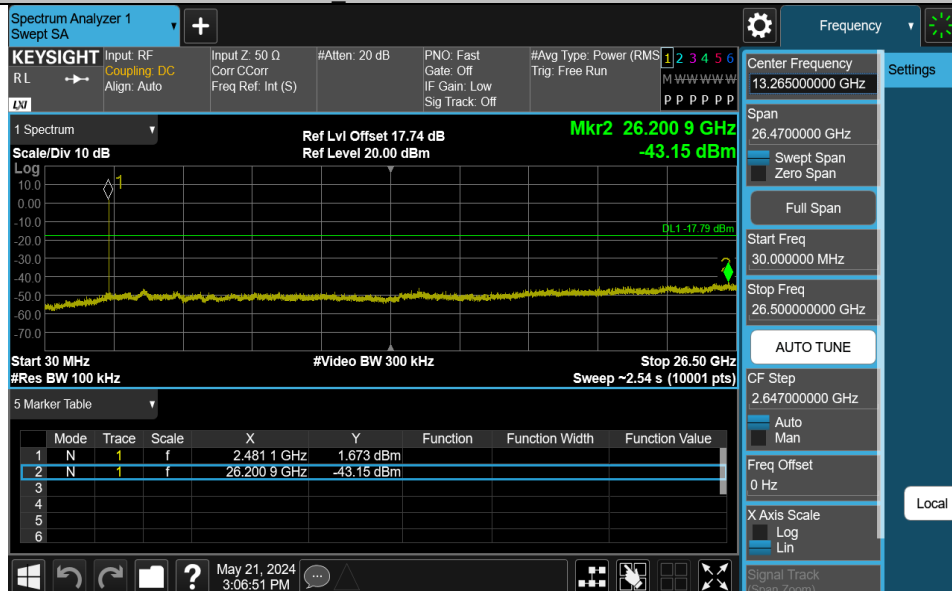
BLE 1M-Ant1-2402-30~26500-PASS



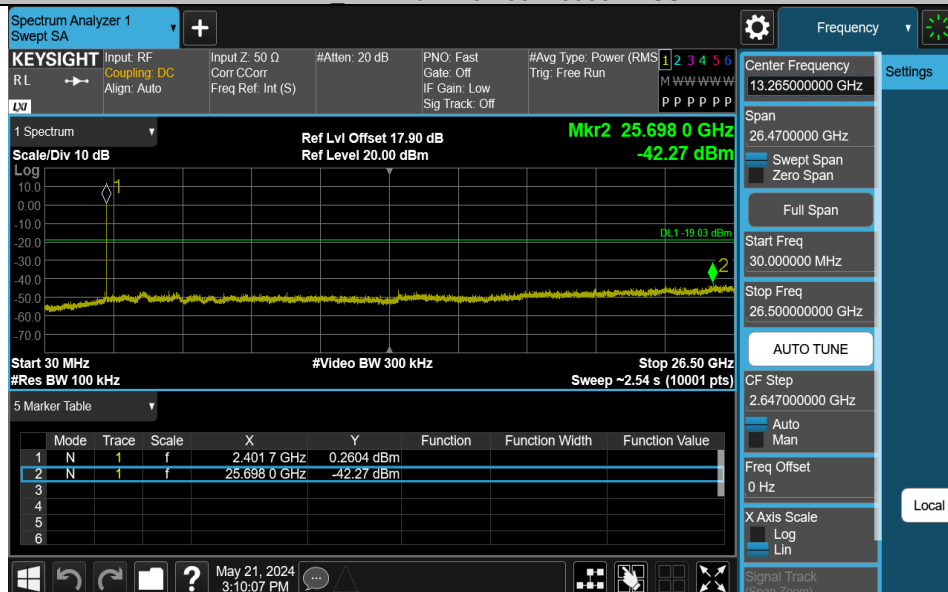
BLE 1M-Ant1-2440-30~26500-PASS



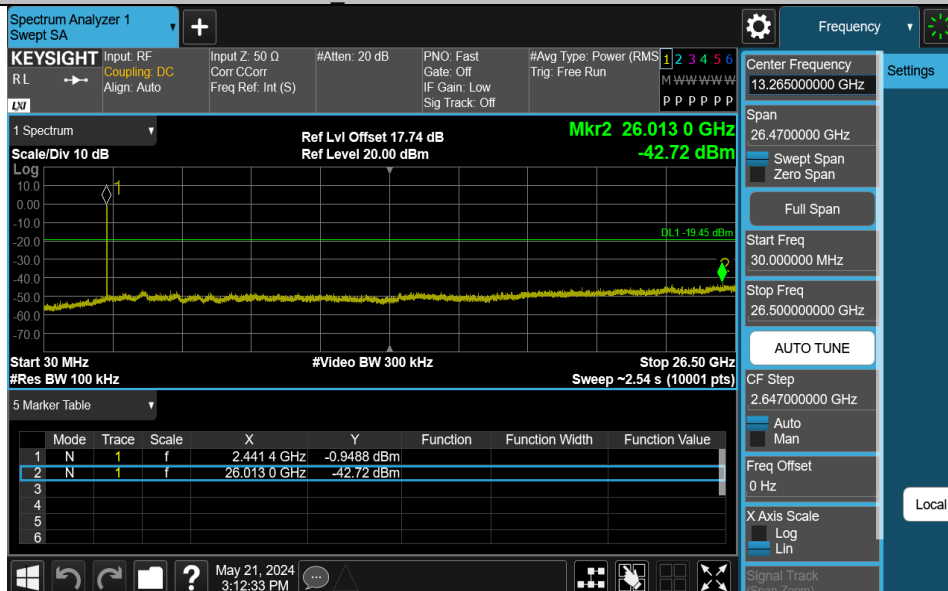
BLE 1M-Ant1-2480-30~26500-PASS



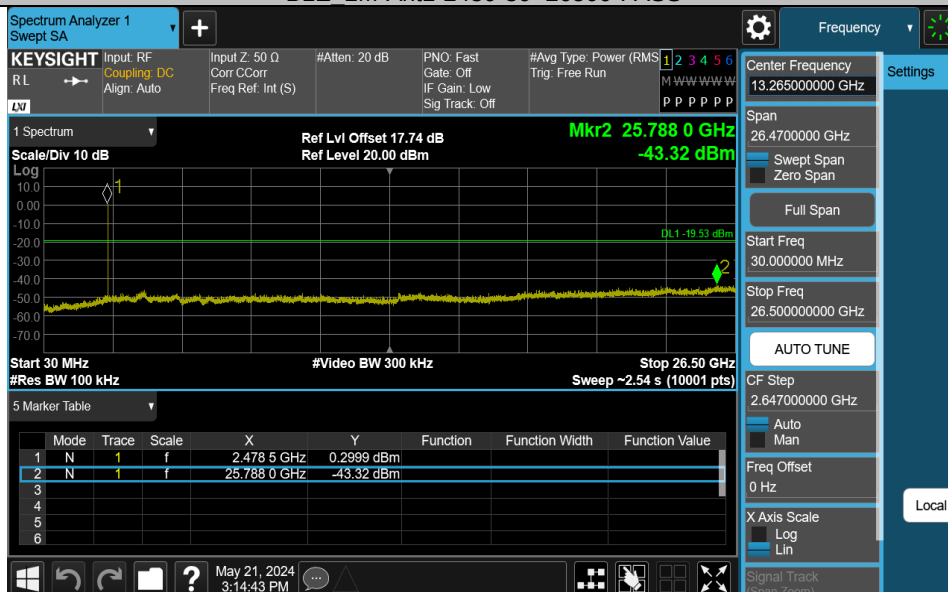
BLE 2M-Ant1-2402-30~26500-PASS



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



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



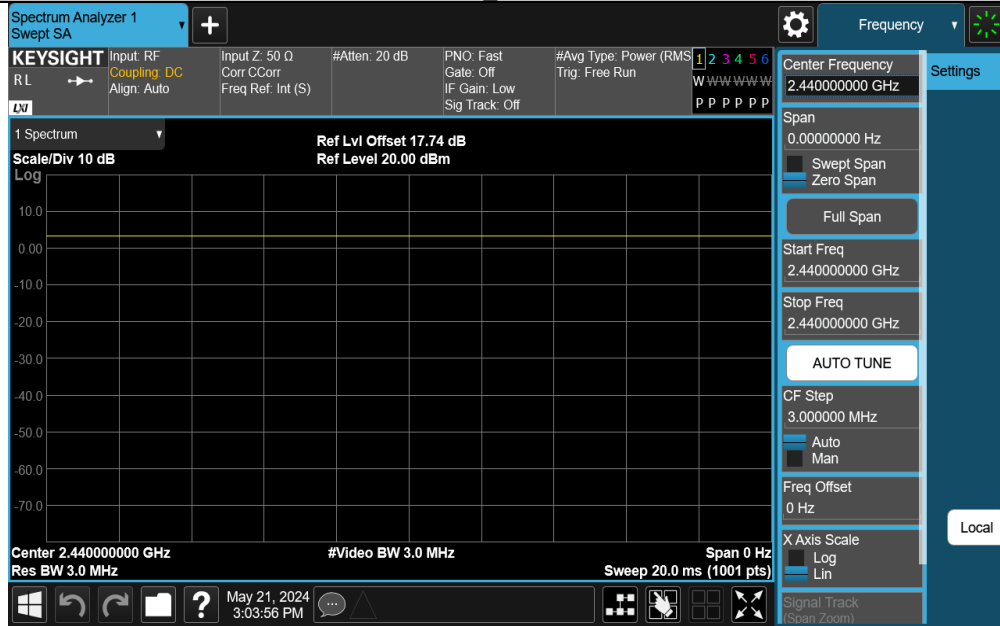
Appendix G: Duty Cycle Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	0.00	0.00	100	NaN
BLE_2M	Ant1	2440	18.00	18.00	100.00	0.00

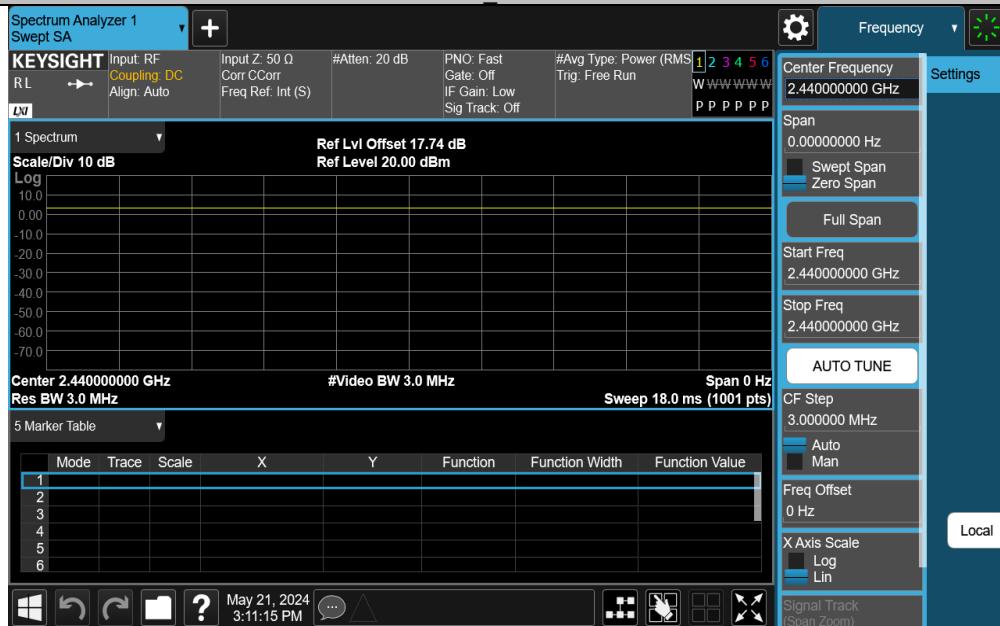


Test Graphs

NTNV-BLE 1M-Ant1-2440



NTNV-BLE 2M-Ant1-2440

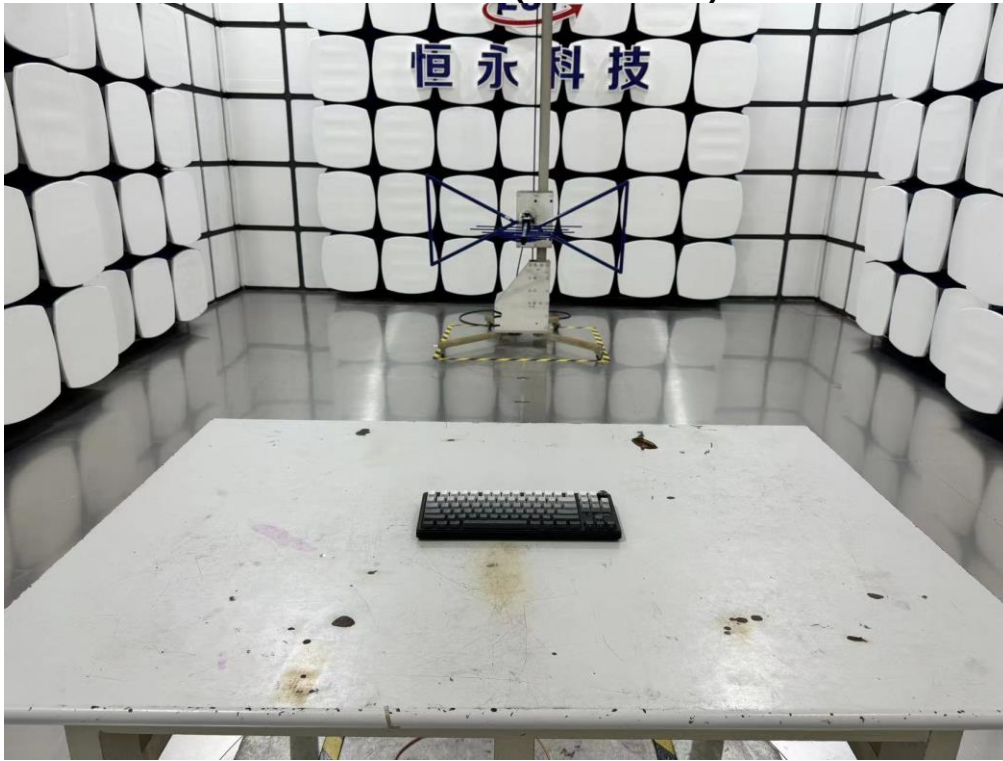


12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos

M/N: R87Pro



External Photos

M/N: R87Pro



External Photos

M/N: R87Pro



External Photos

M/N: R87Pro



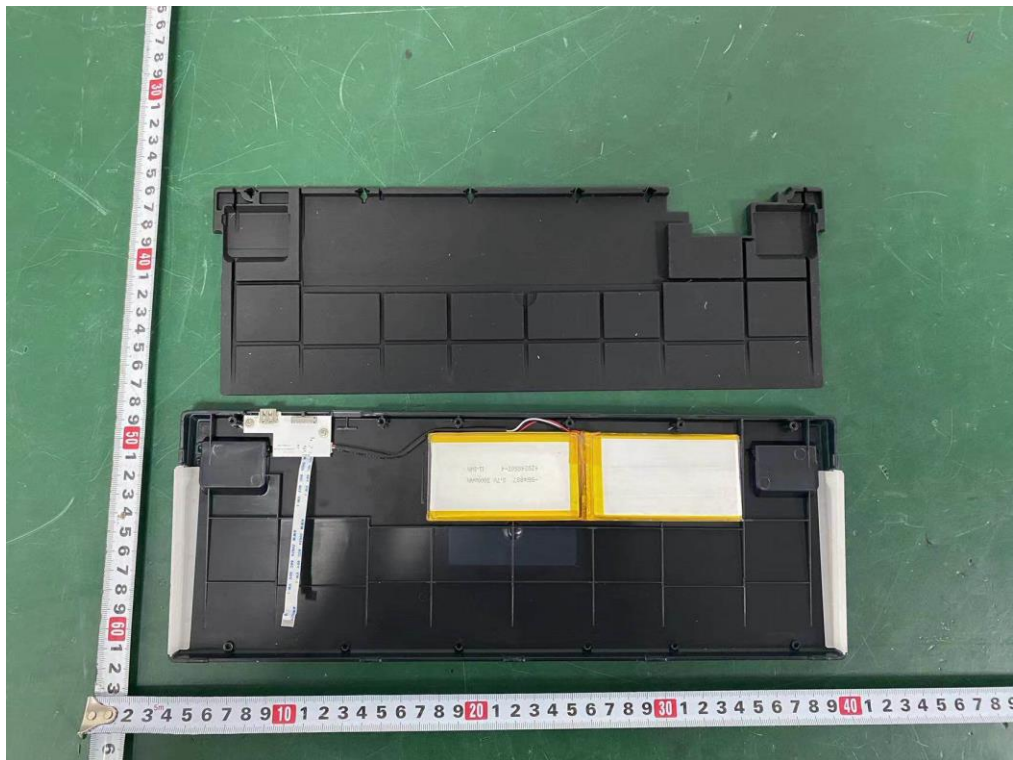
External Photos

M/N: R87Pro

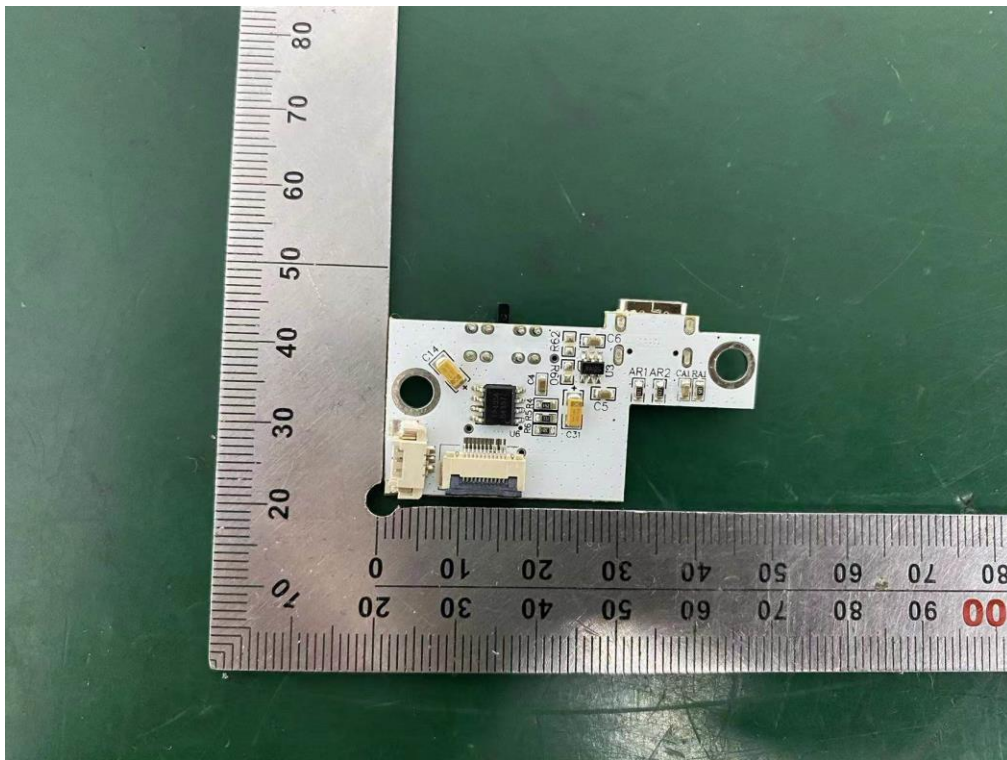
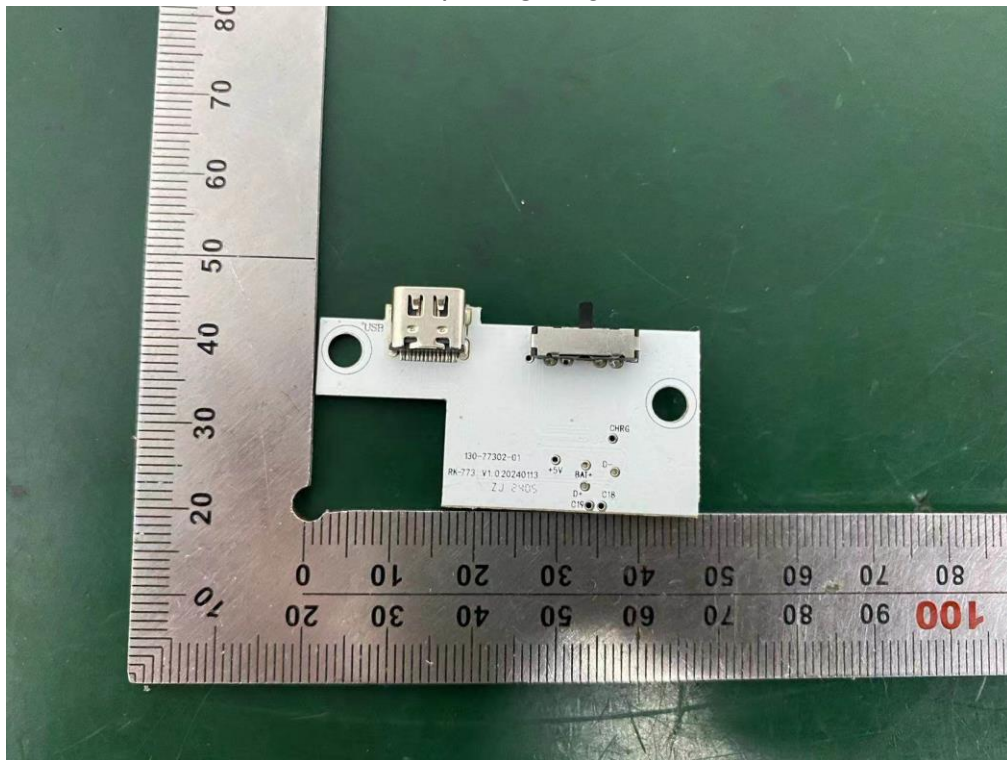


Internal Photos

M/N: R87Pro

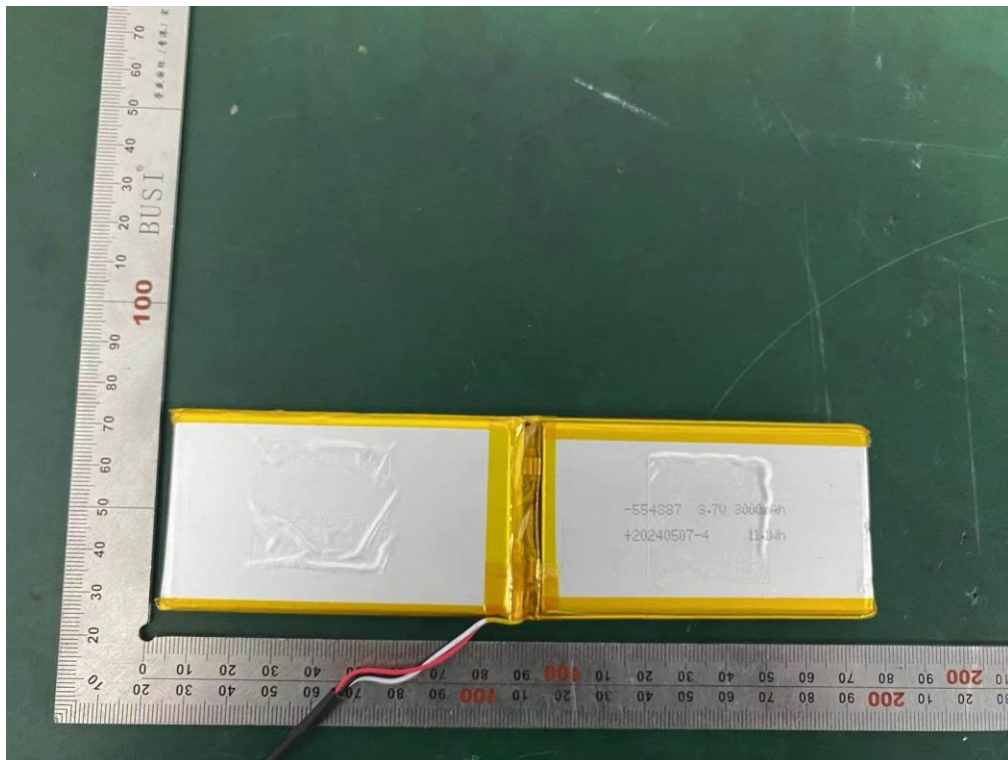
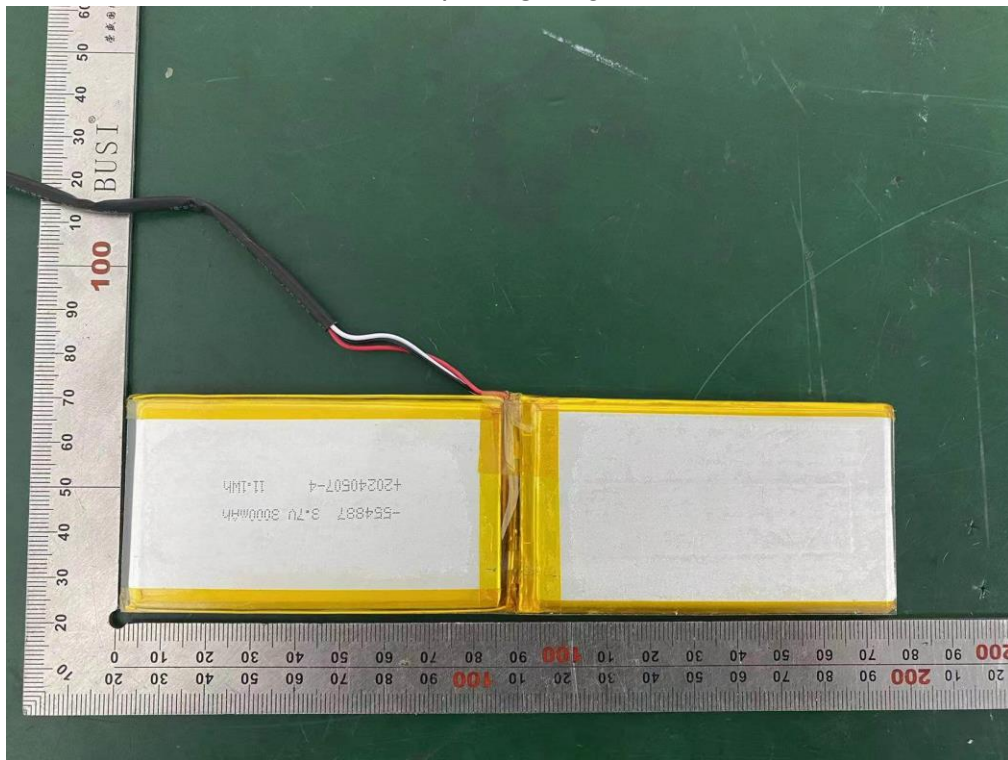


Internal Photos
M/N: R87Pro

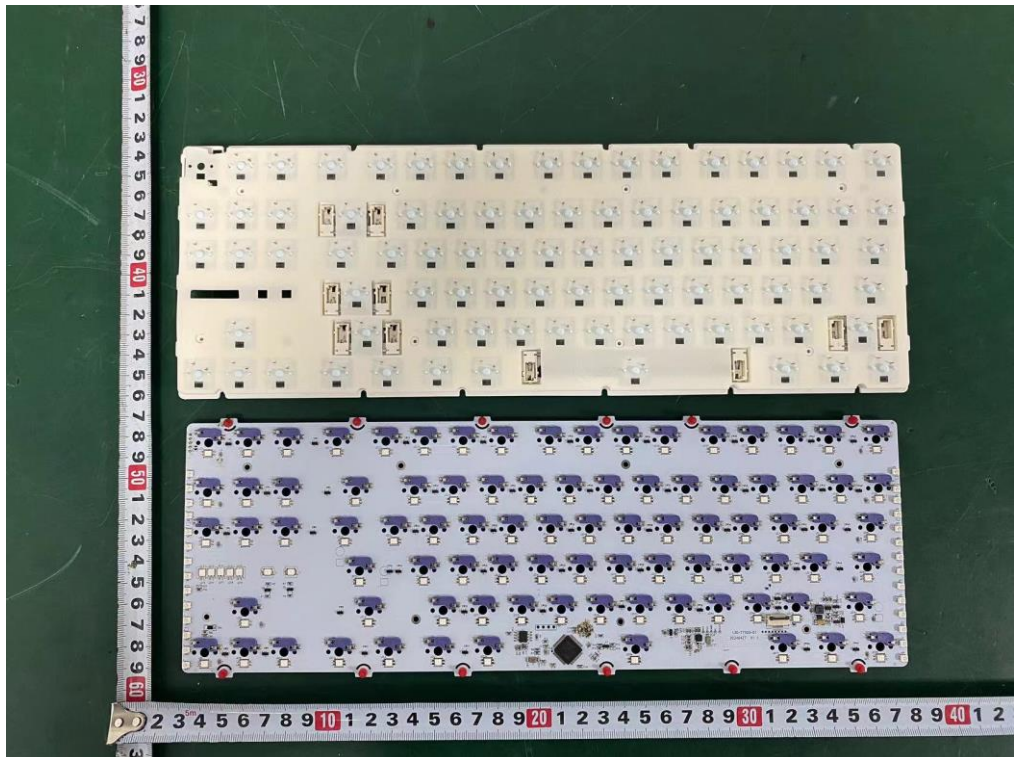
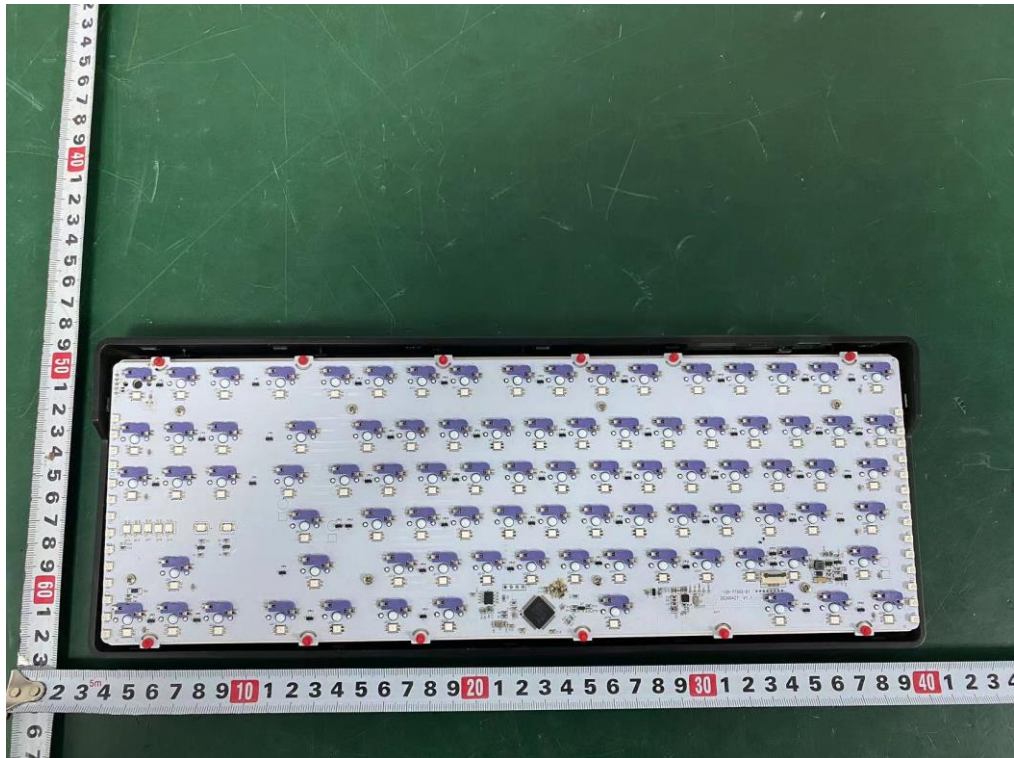


Internal Photos

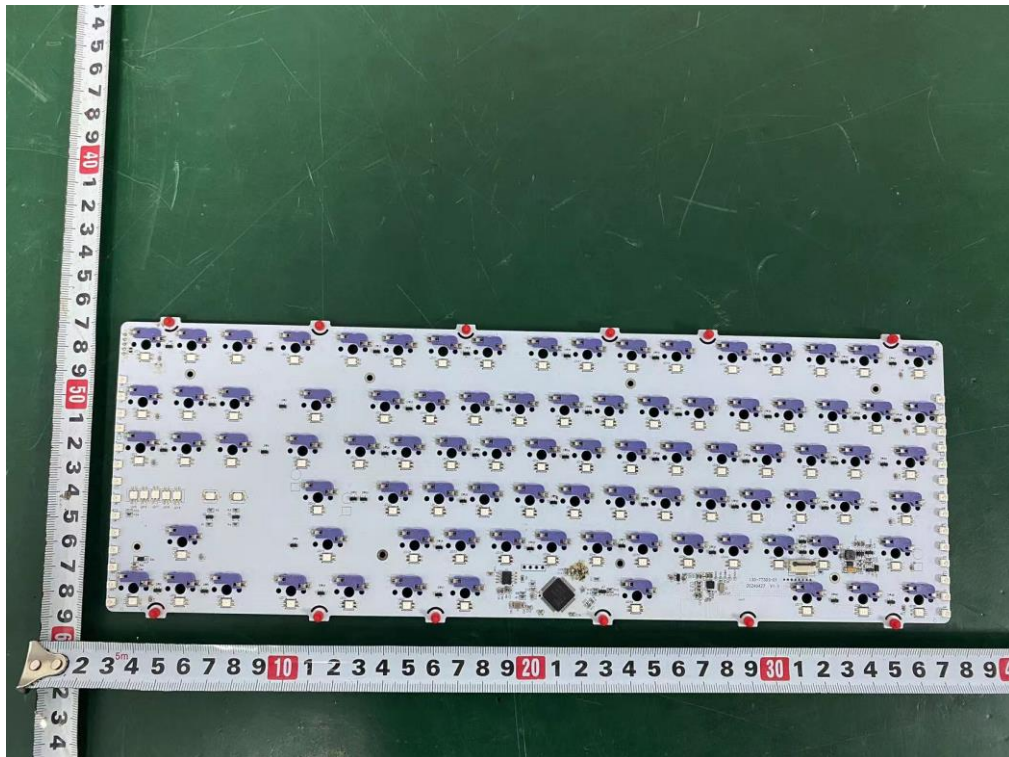
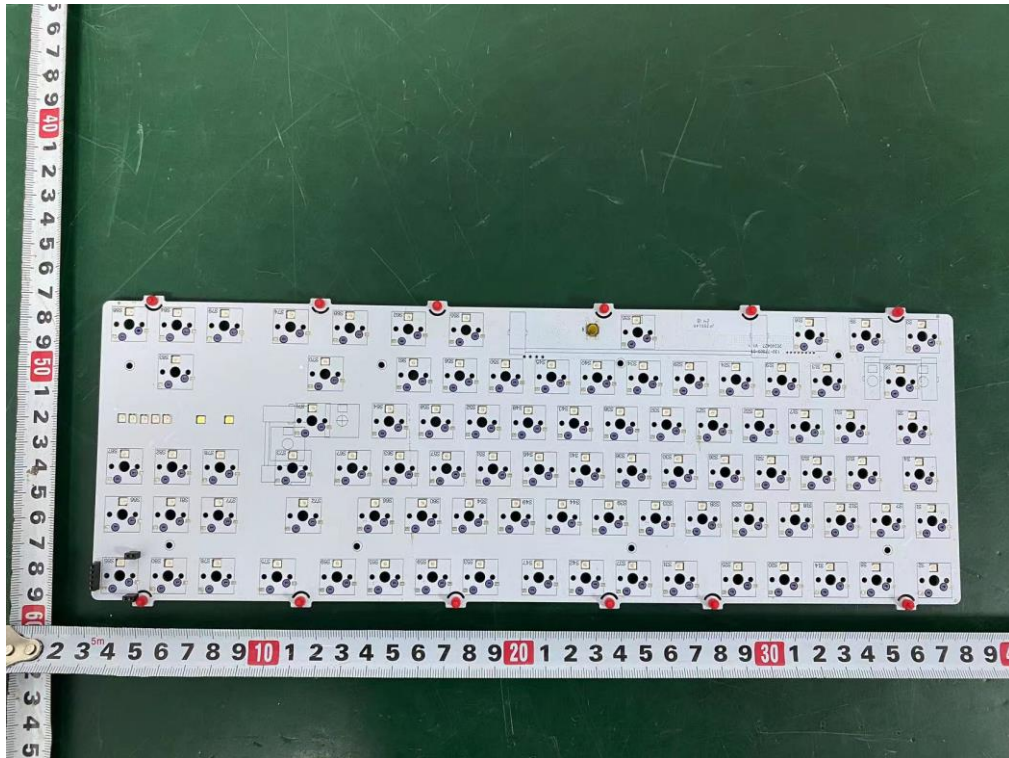
M/N: R87Pro



Internal Photos M/N: R87Pro

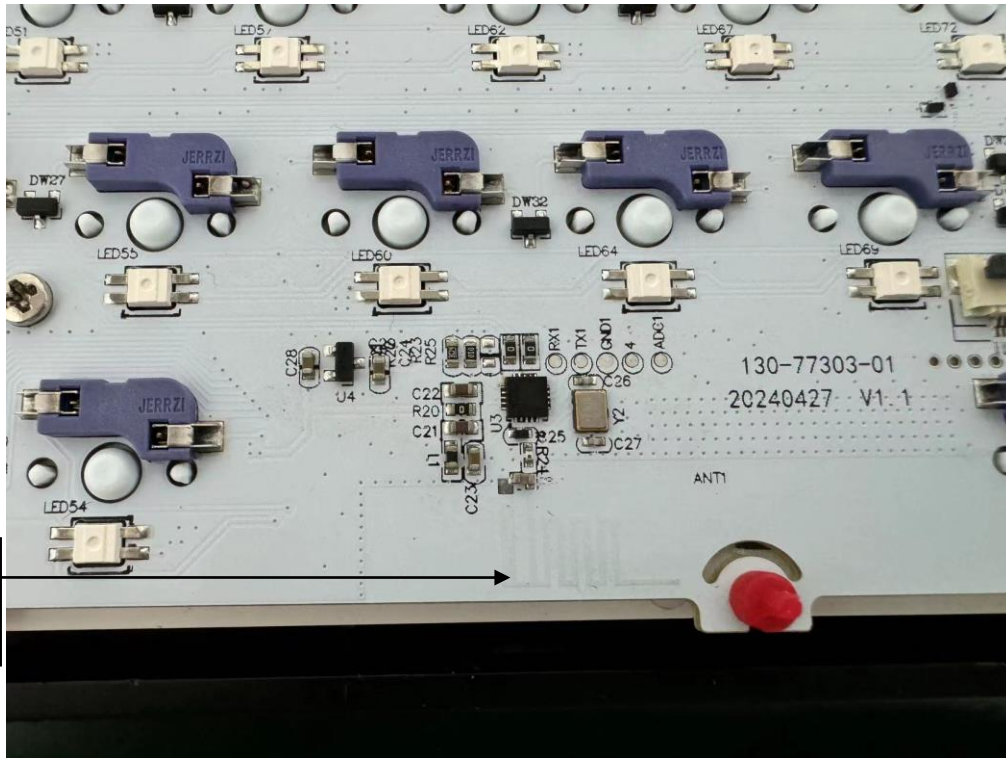


Internal Photos M/N: R87Pro



Internal Photos

M/N: R87Pro



Bluetooth/
2.4G SRD
Antenna

End of Test Report