

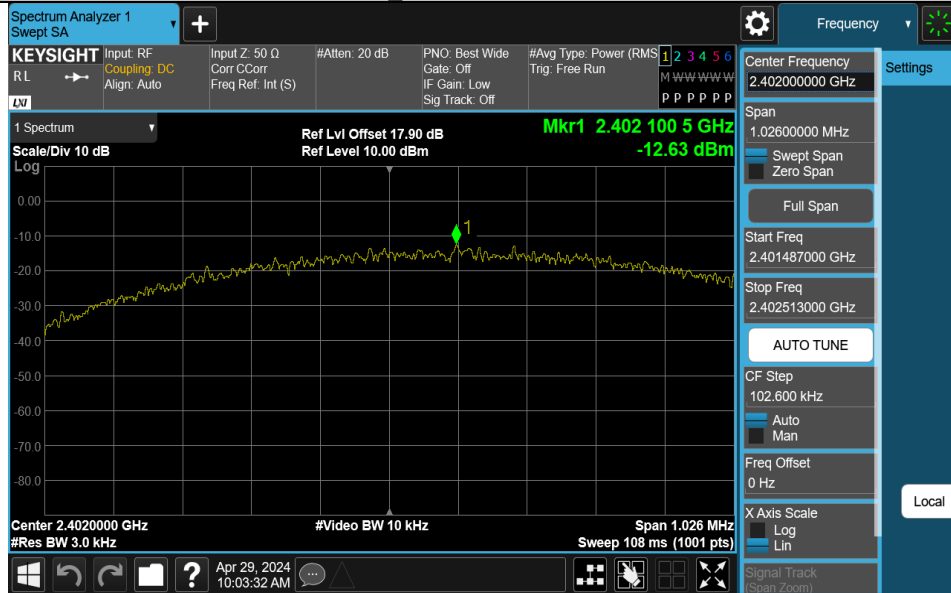
Appendix C: Maximum power spectral density

Test Result

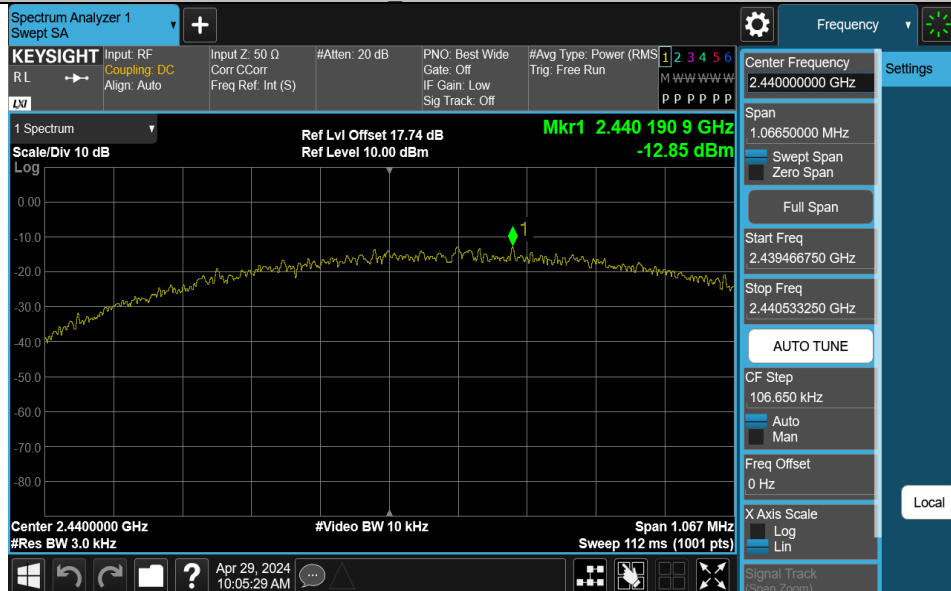
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.63	≤8.00	PASS
BLE_1M	Ant1	2440	-12.85	≤8.00	PASS
BLE_1M	Ant1	2480	-13.24	≤8.00	PASS
BLE_2M	Ant1	2402	-16.21	≤8.00	PASS
BLE_2M	Ant1	2440	-16.27	≤8.00	PASS
BLE_2M	Ant1	2480	-16.70	≤8.00	PASS

Test Graphs

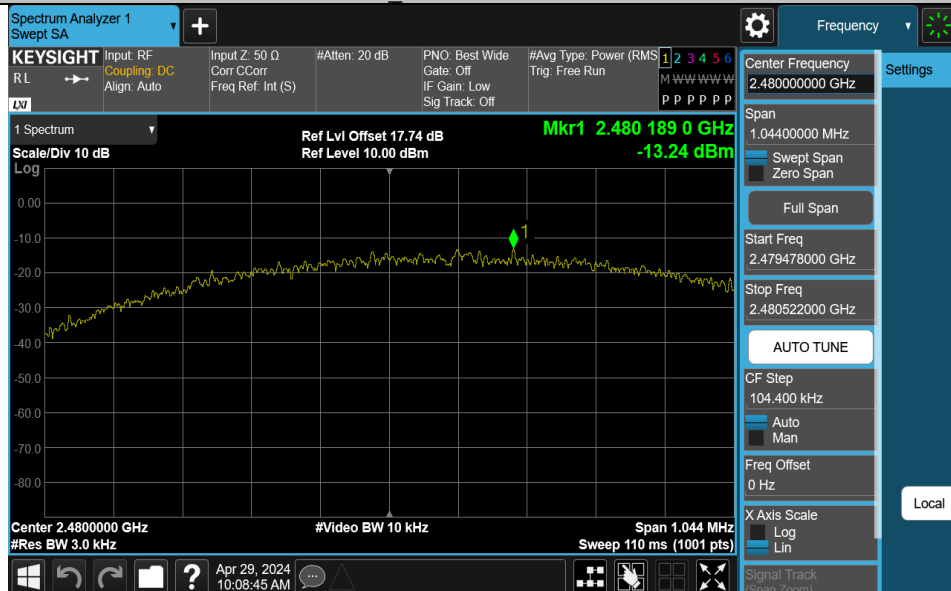
BLE 1M-Ant1-2402-PASS



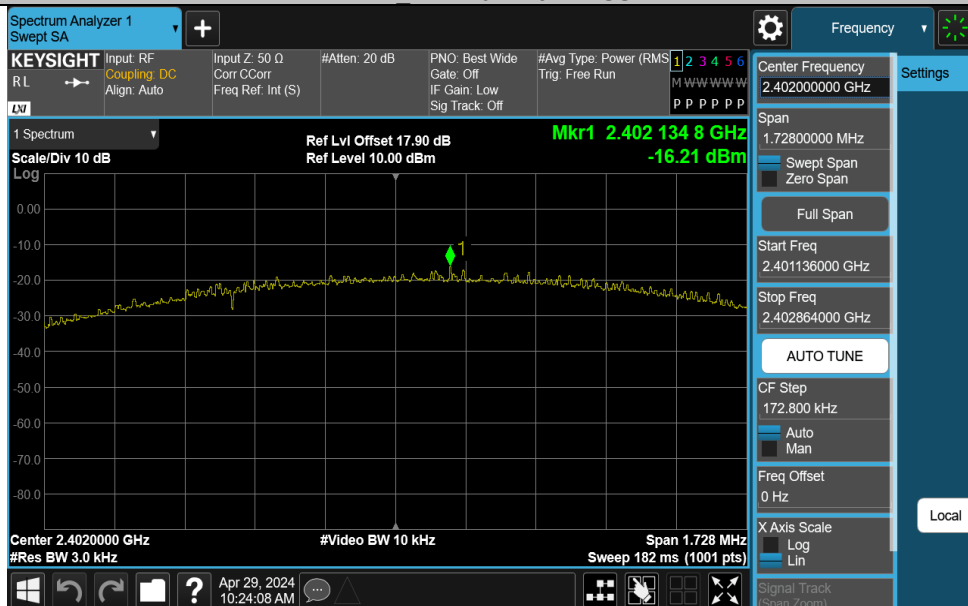
BLE 1M-Ant1-2440-PASS



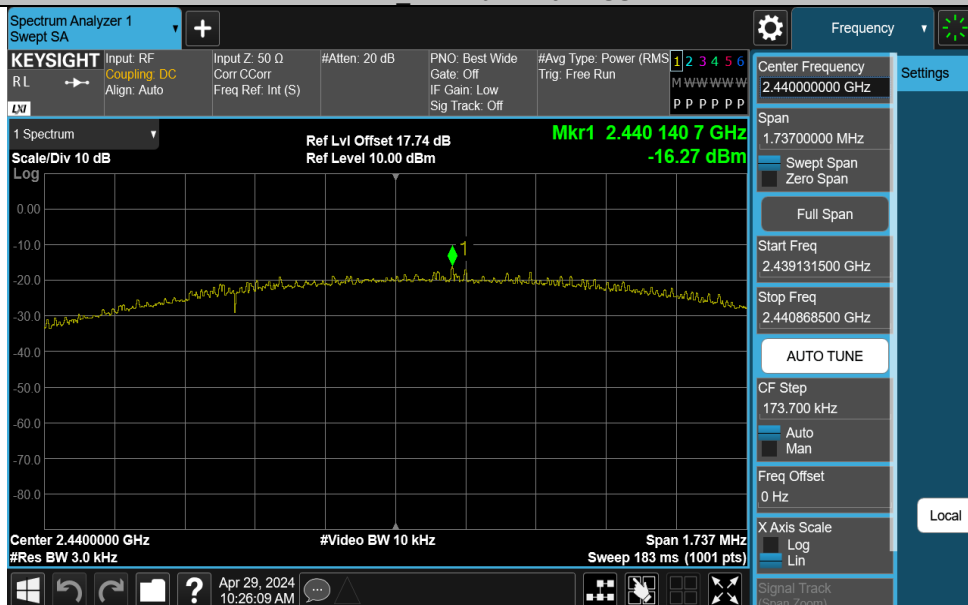
BLE 1M-Ant1-2480-PASS



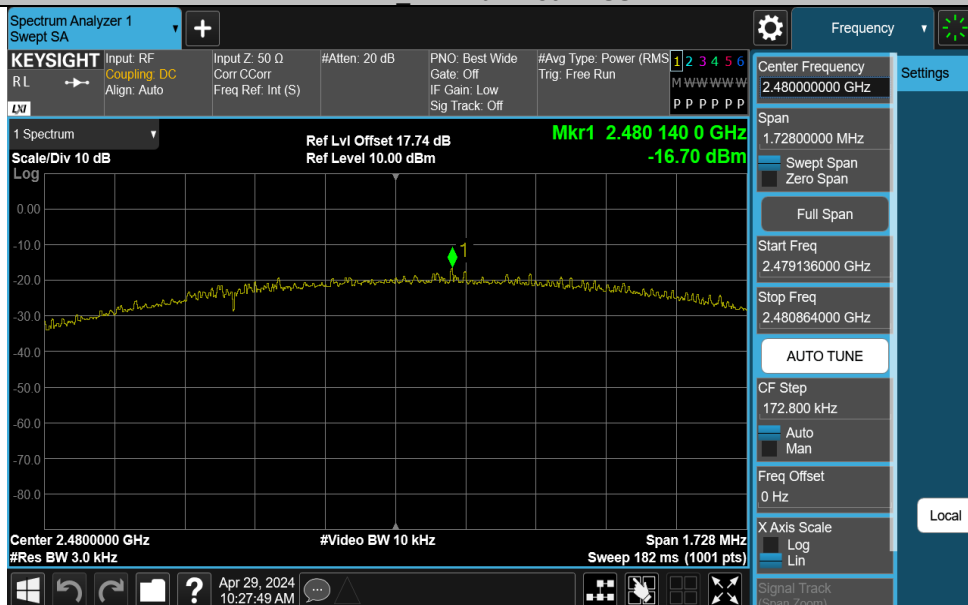
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



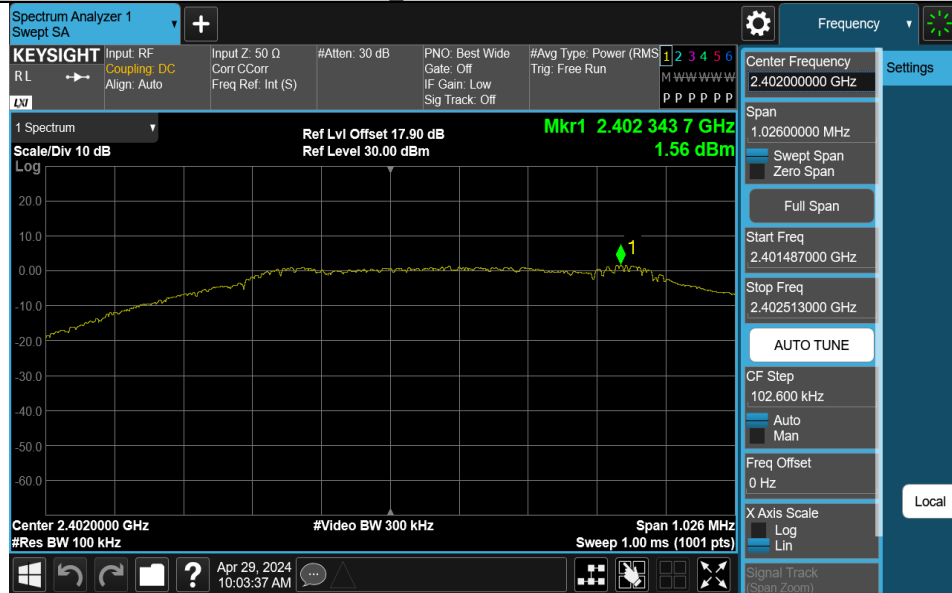
Appendix D: Reference level measurement

Test Result

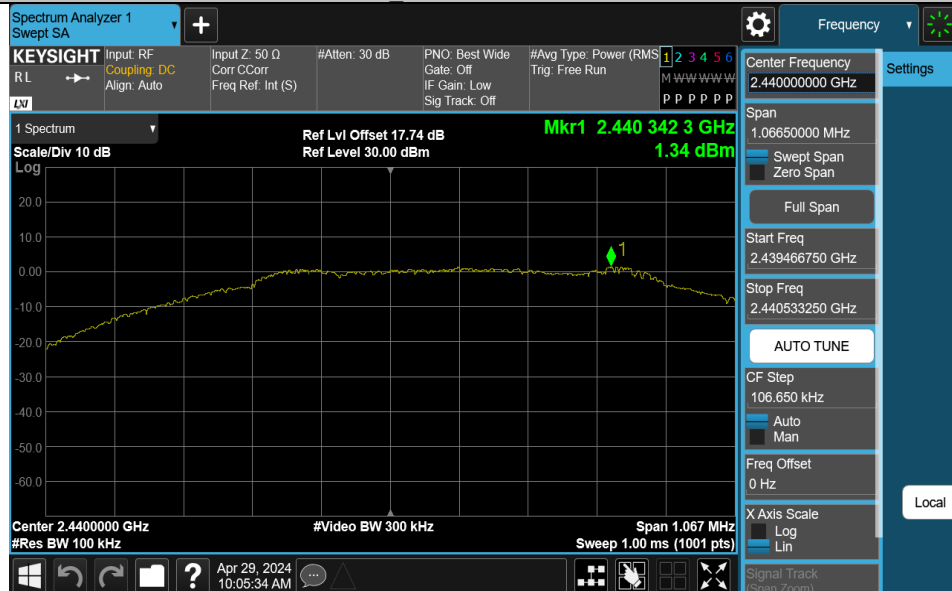
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.34	1.56
BLE_1M	Ant1	2440	2440.34	1.35
BLE_1M	Ant1	2480	2480.35	0.96
BLE_2M	Ant1	2402	2402.13	1.33
BLE_2M	Ant1	2440	2440.16	0.53
BLE_2M	Ant1	2480	2480.12	0.97

Test Graphs

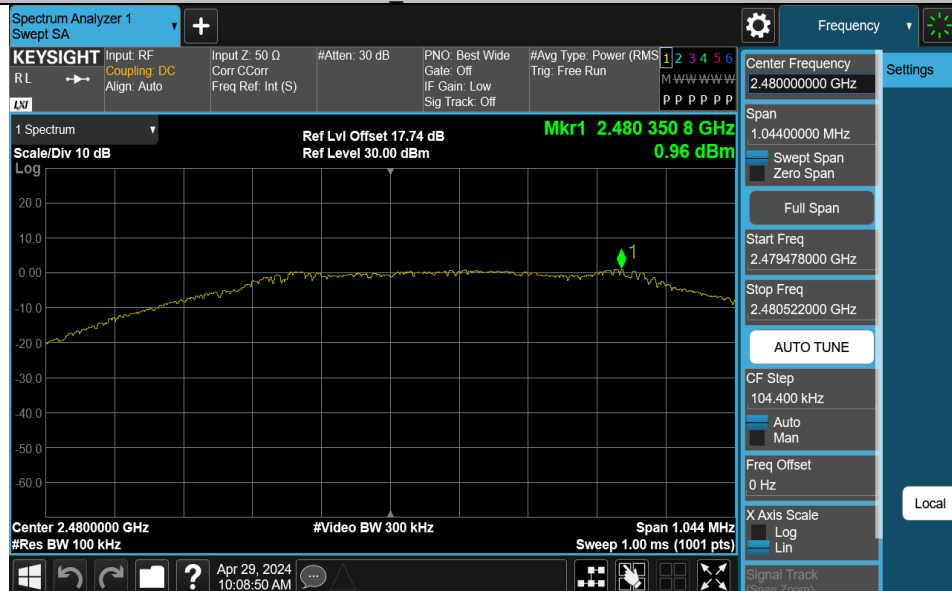
BLE 1M-Ant1-2402-PASS



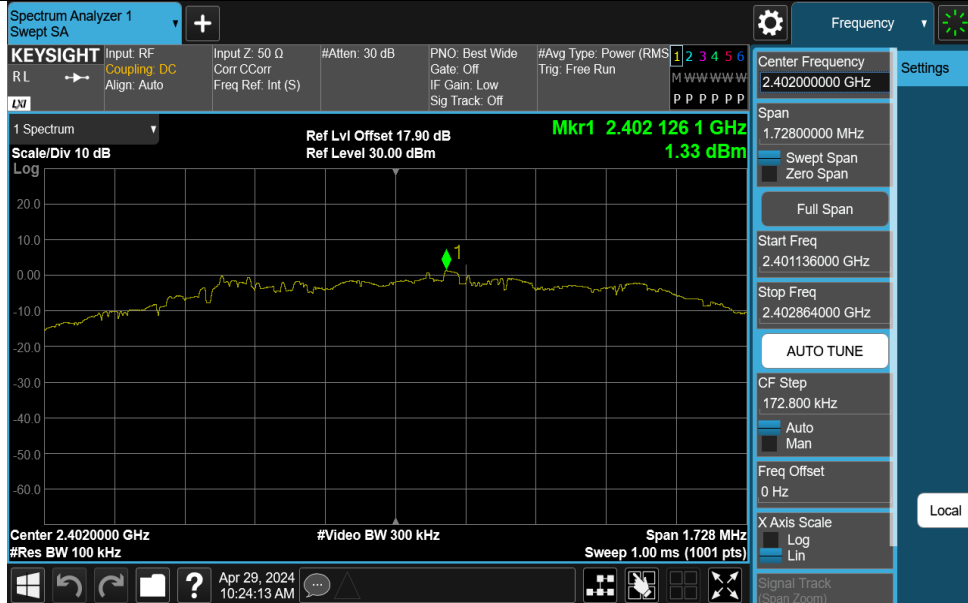
BLE 1M-Ant1-2440-PASS



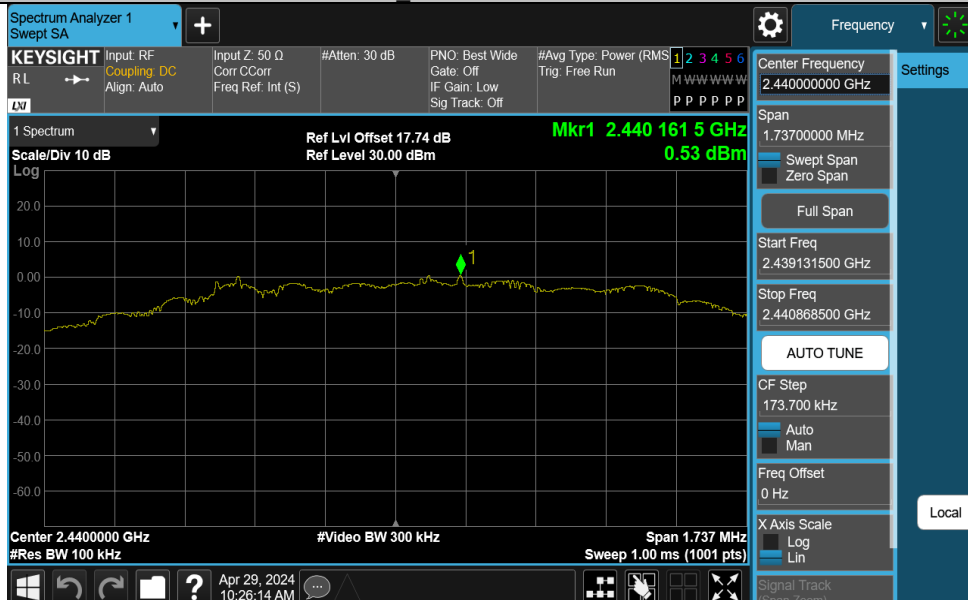
BLE 1M-Ant1-2480-PASS



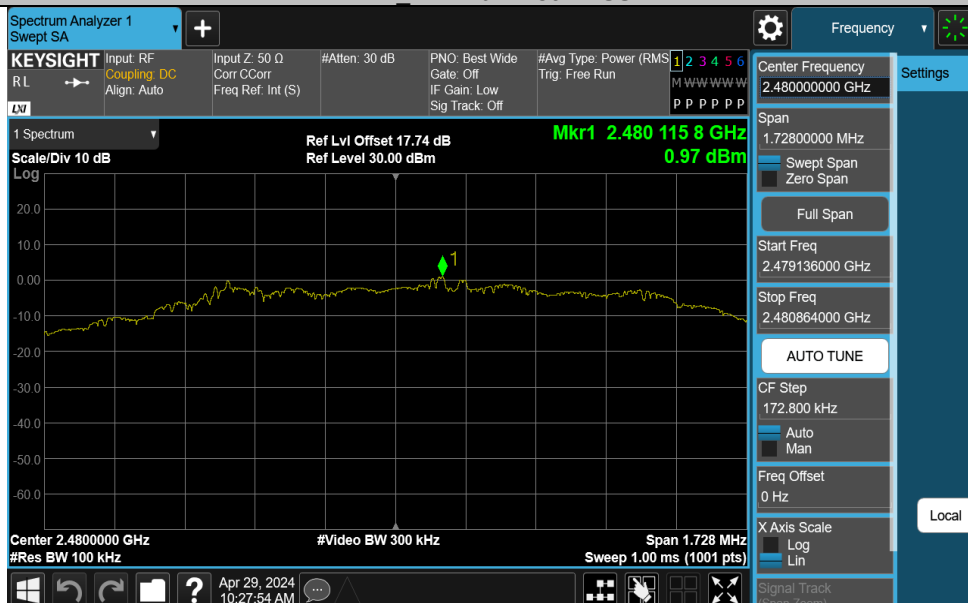
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



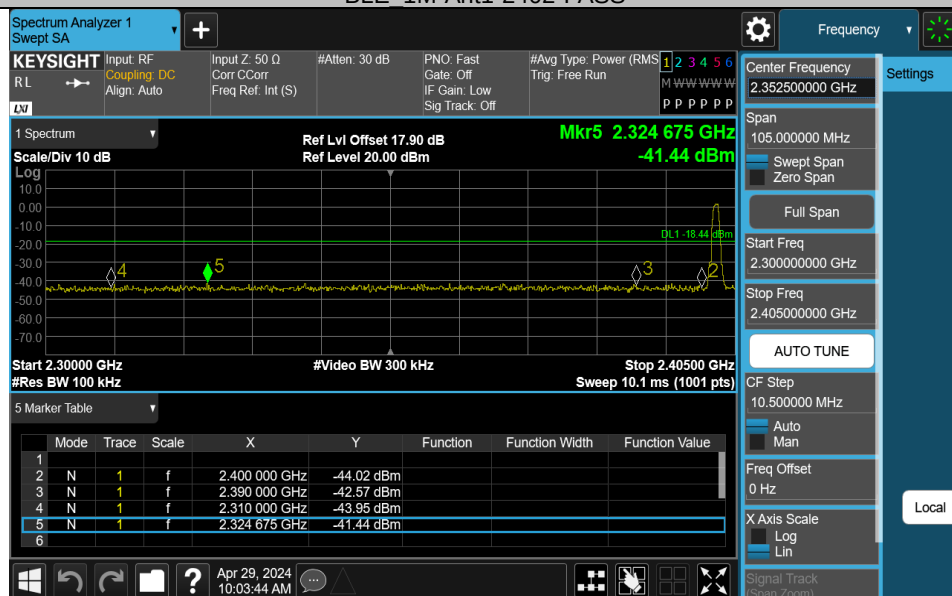
Appendix E: Band edge measurements

Test Result

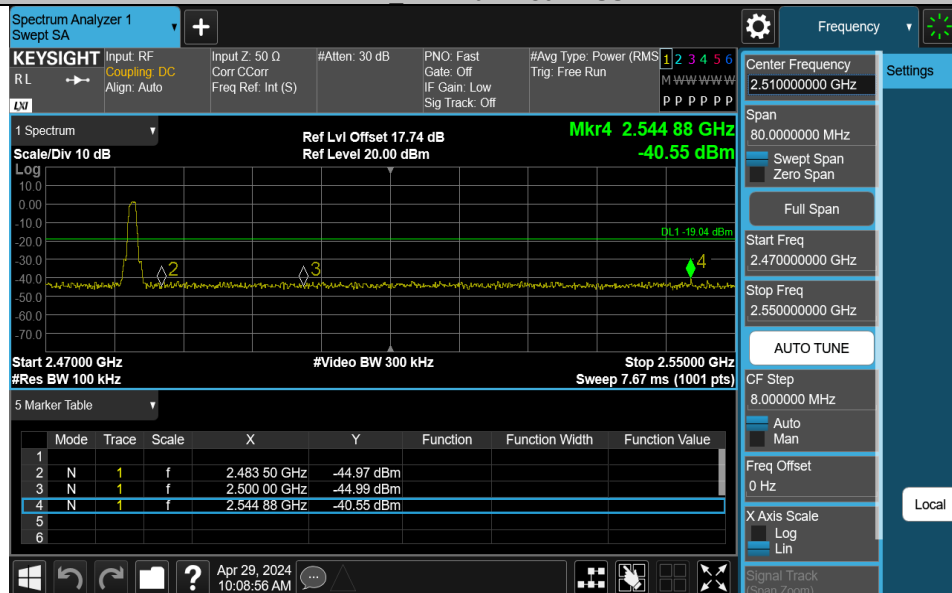
Test Mode	Antenna	Ch Name	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.56	-41.44	≤ -18.44	PASS
BLE_1M	Ant1	High	2480	0.96	-40.55	≤ -19.04	PASS
BLE_2M	Ant1	Low	2402	1.33	-39.26	≤ -18.67	PASS
BLE_2M	Ant1	High	2480	0.97	-41.42	≤ -19.03	PASS

Test Graphs

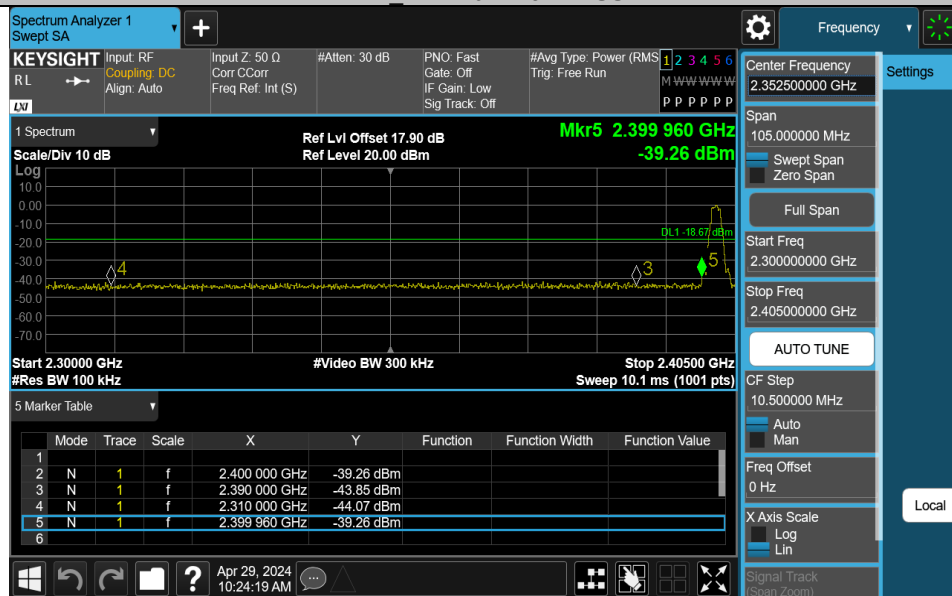
BLE 1M-Ant1-2402-PASS



BLE 1M-Ant1-2480-PASS

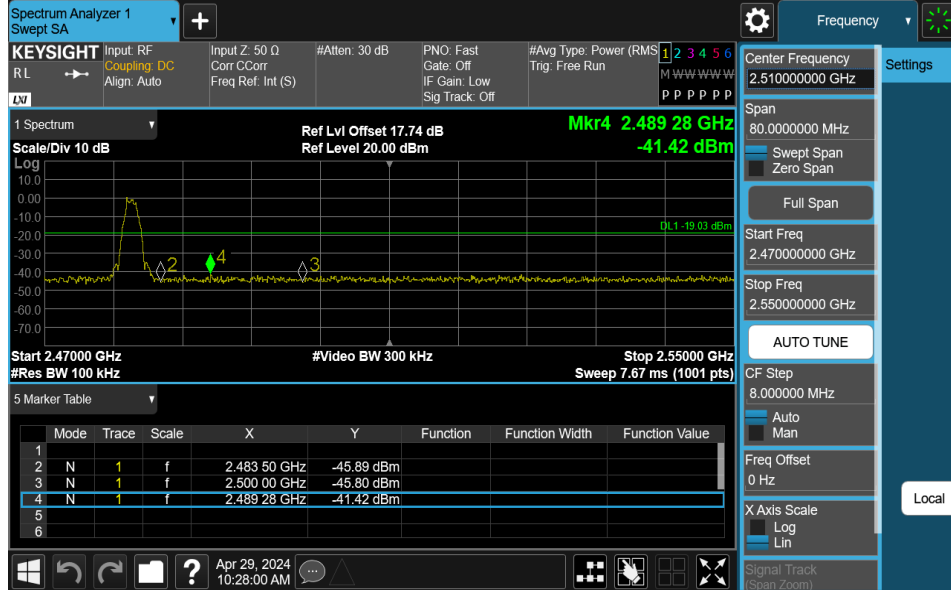


BLE 2M-Ant1-2402-PASS





BLE 2M-Ant1-2480-PASS

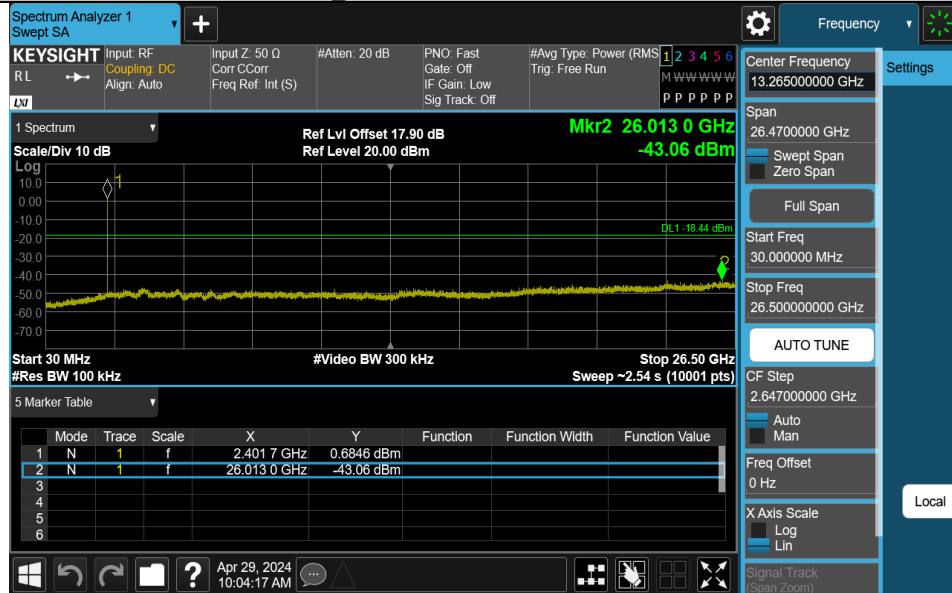


Appendix F: Conducted Spurious Emission Test Result

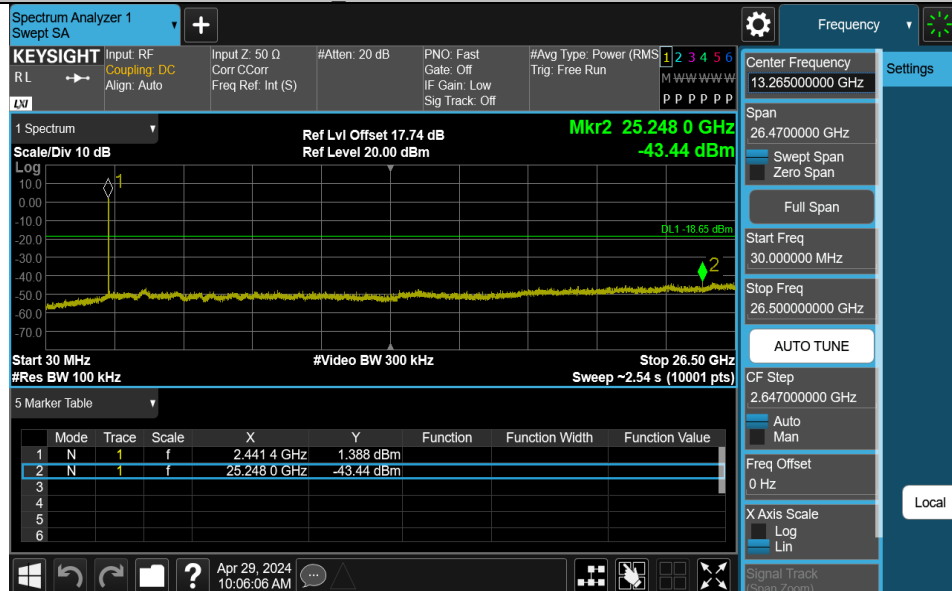
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	1.56	-43.06	≤-18.44	PASS
BLE_1M	Ant1	2440	30~26500	1.35	-43.44	≤-18.65	PASS
BLE_1M	Ant1	2480	30~26500	0.96	-42.95	≤-19.04	PASS
BLE_2M	Ant1	2402	30~26500	1.33	-43.46	≤-18.67	PASS
BLE_2M	Ant1	2440	30~26500	0.53	-43.74	≤-19.47	PASS
BLE_2M	Ant1	2480	30~26500	0.97	-42.94	≤-19.03	PASS

Test Graphs

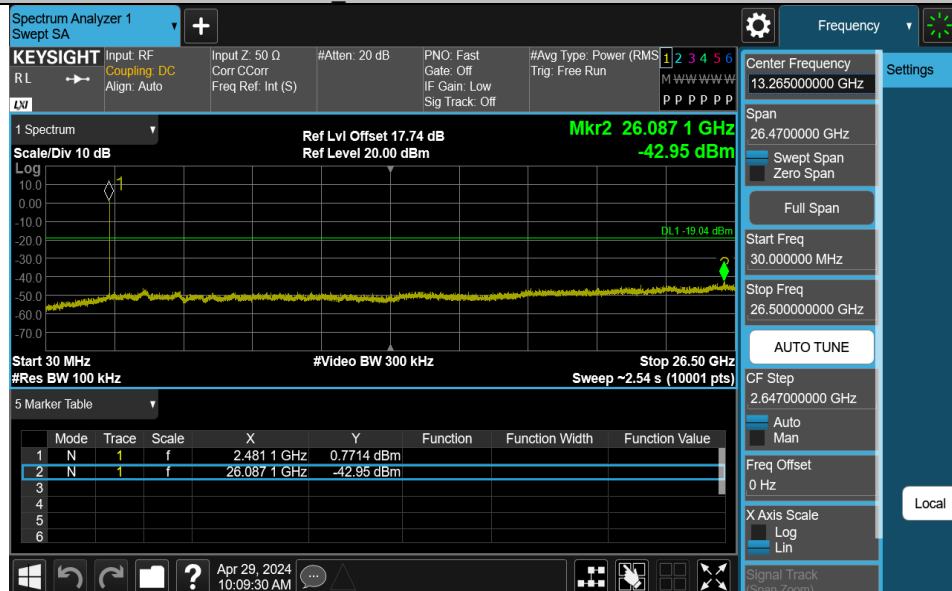
BLE 1M-Ant1-2402-30~26500-PASS



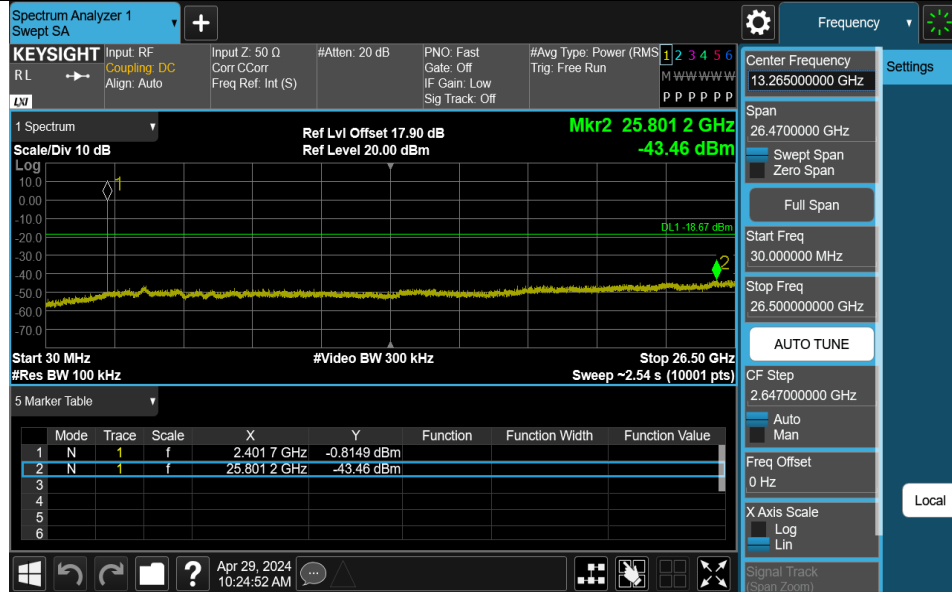
BLE 1M-Ant1-2440-30~26500-PASS



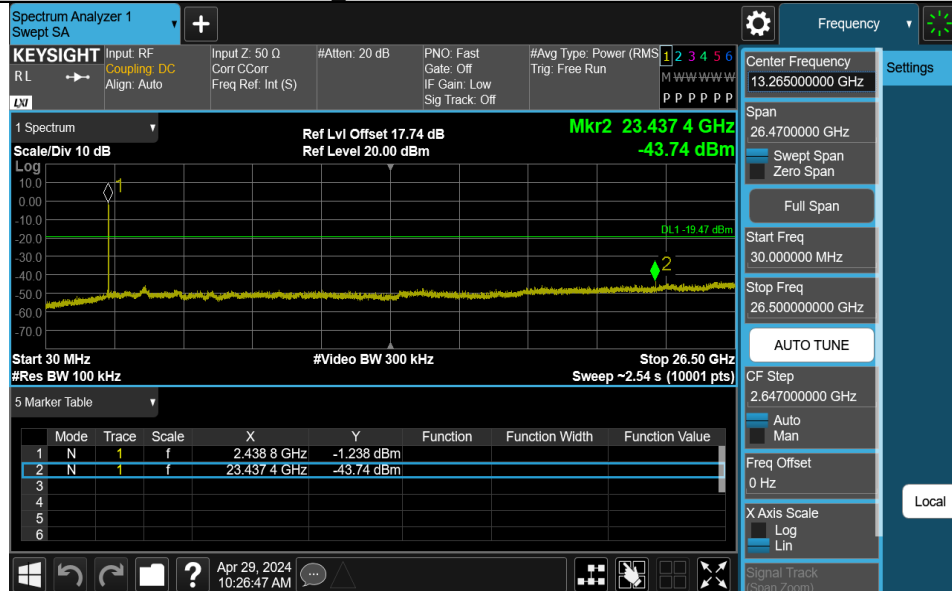
BLE 1M-Ant1-2480-30~26500-PASS



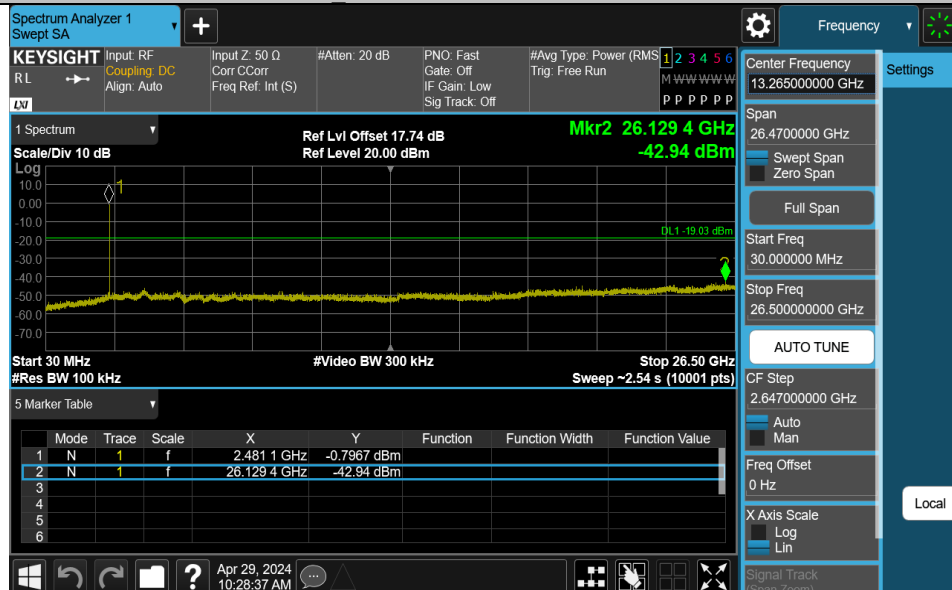
BLE 2M-Ant1-2402-30~26500-PASS



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



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



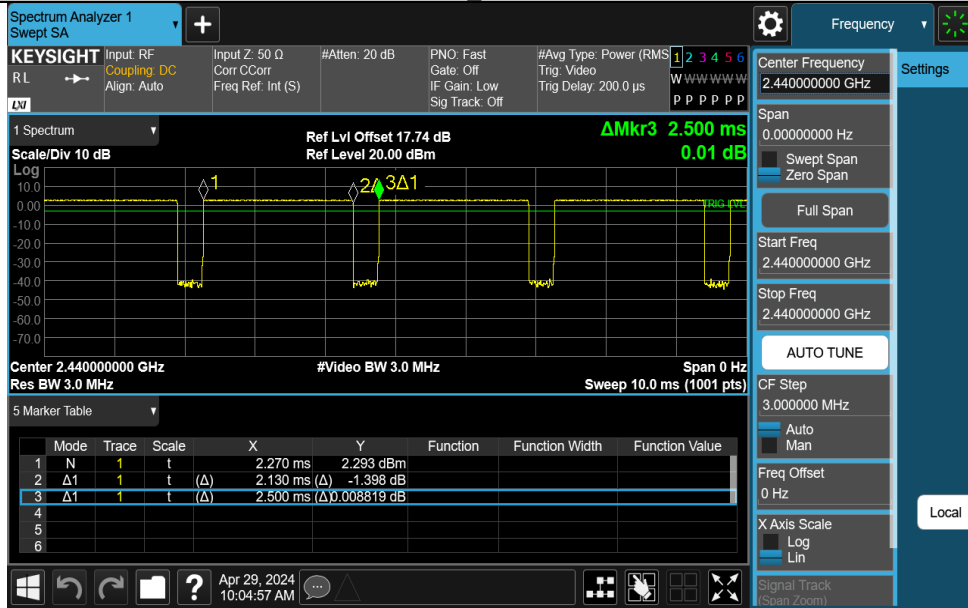
Appendix G: Duty Cycle

Test Result

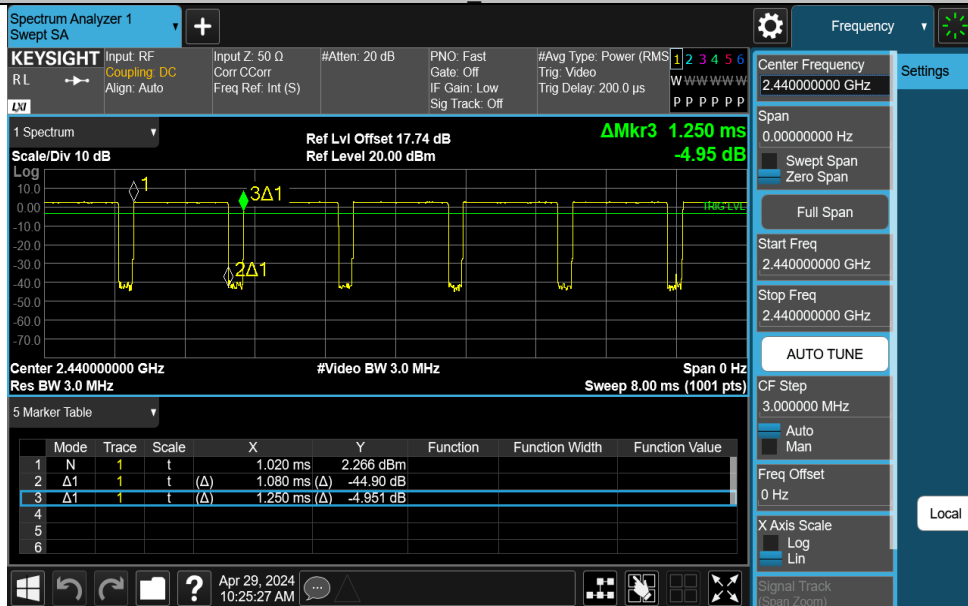
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2440	1.08	1.25	86.40	0.63

Test Graphs

NTNV-BLE 1M-Ant1-2440



NTNV-BLE 2M-Ant1-2440

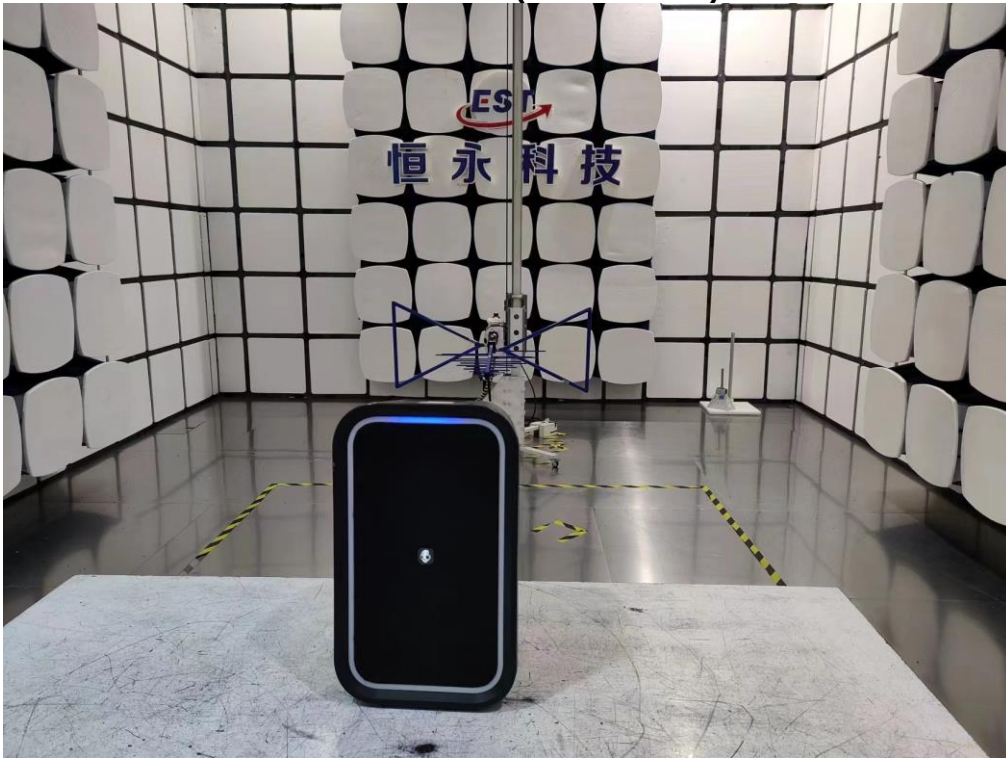


12. TEST SETUP PHOTO

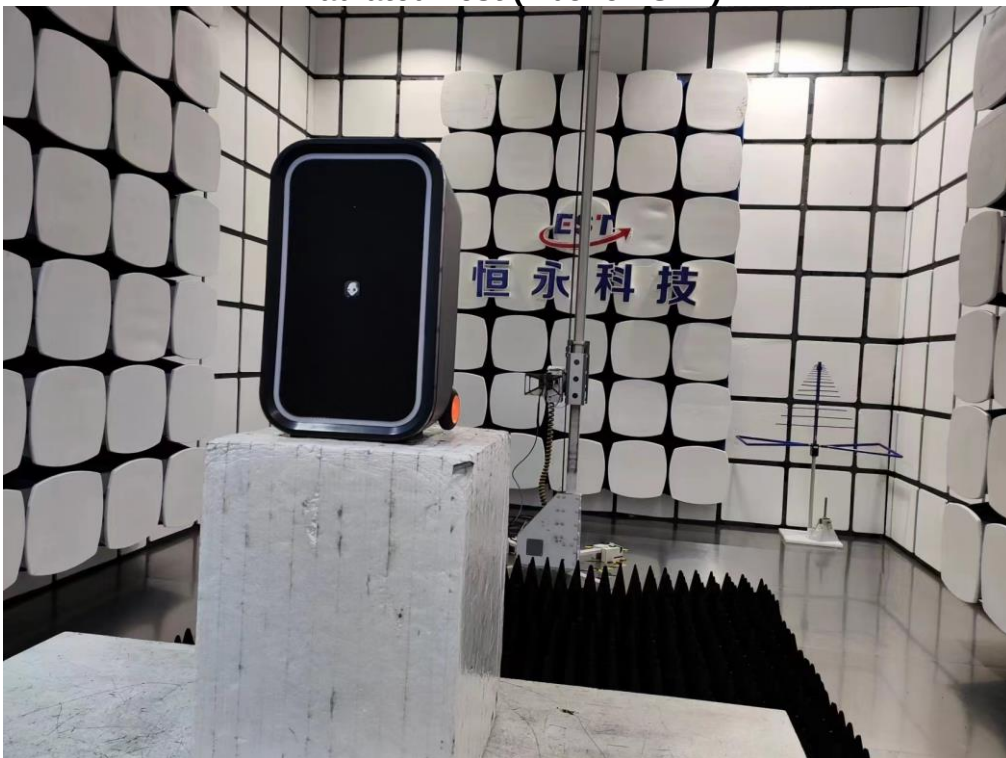
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos
M/N: 2SKSK1852



External Photos
M/N: 2SKSK1852



External Photos
M/N: 2SKSK1852

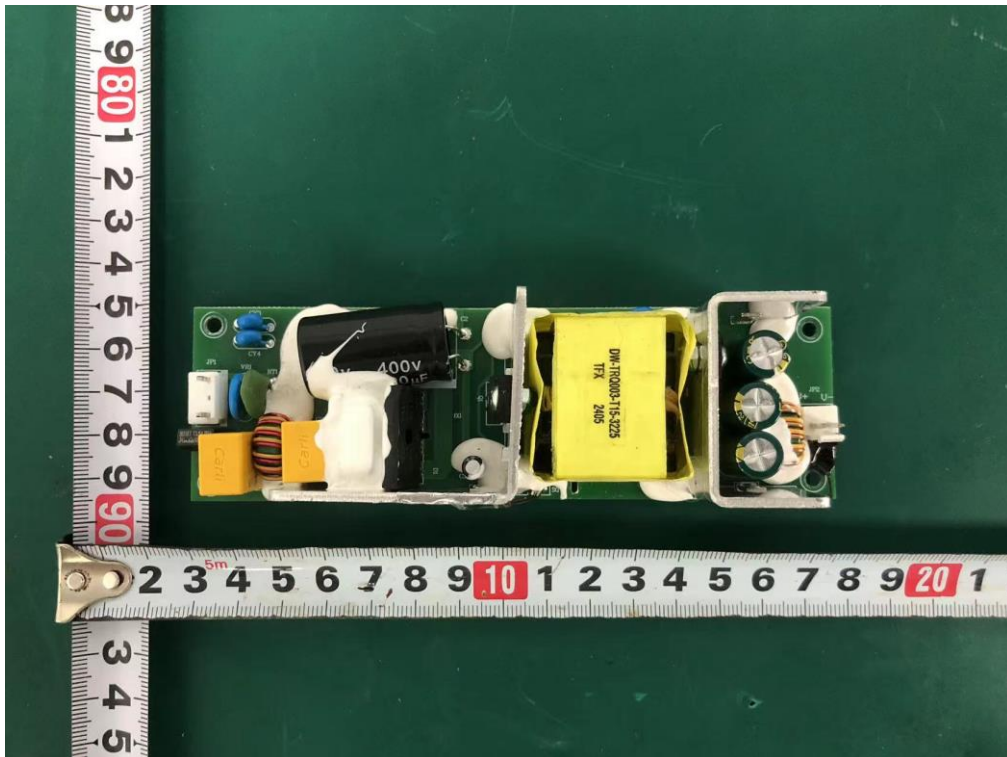


External Photos
M/N: 2SKSK1852



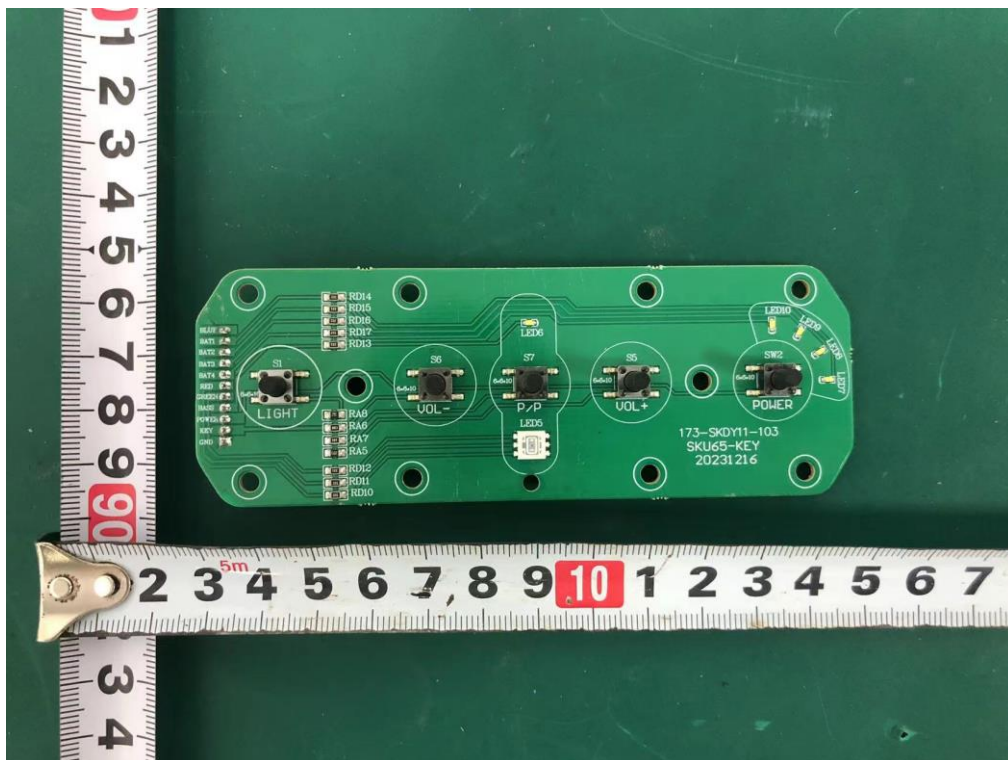
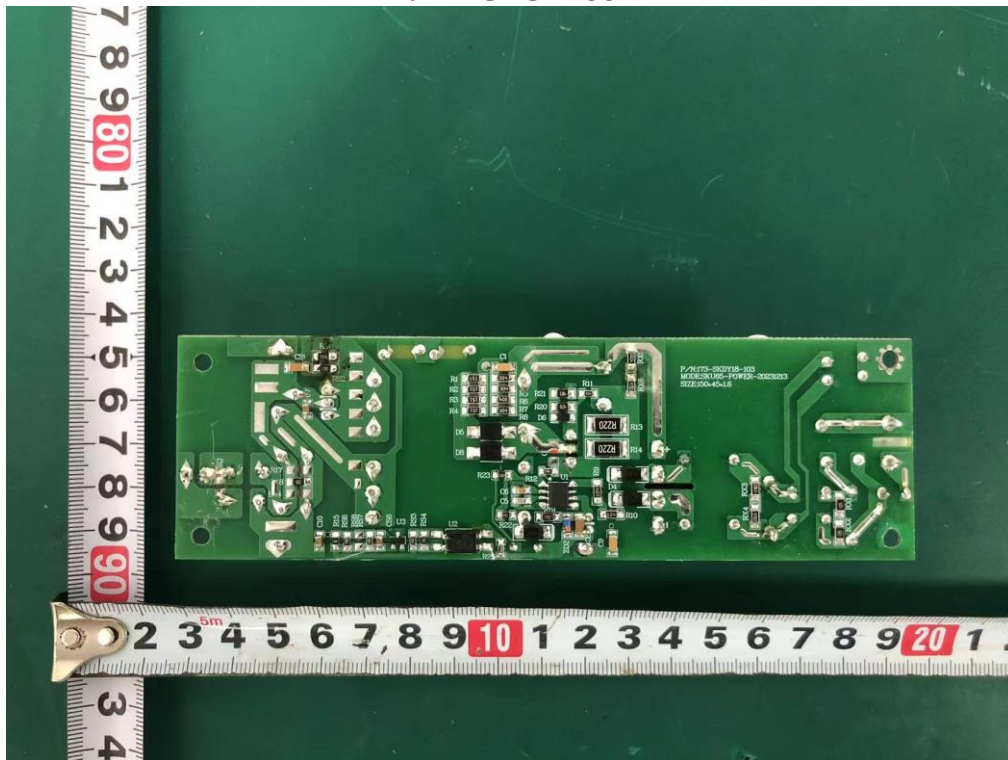
Internal Photos

M/N: 2SKSK1852

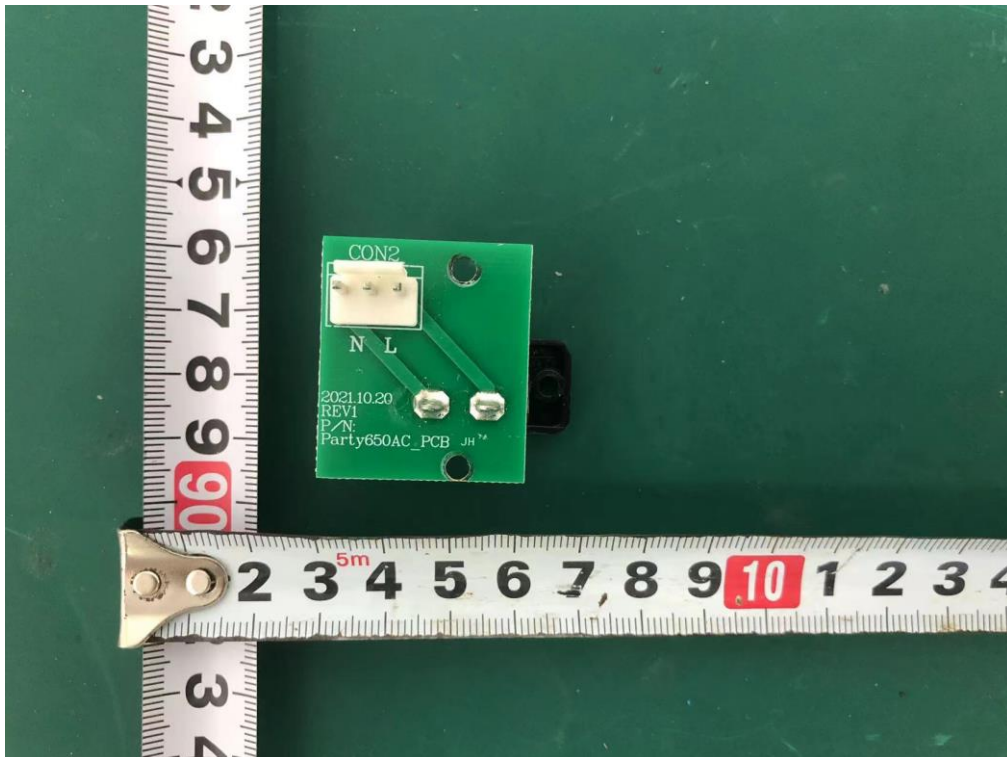


Internal Photos

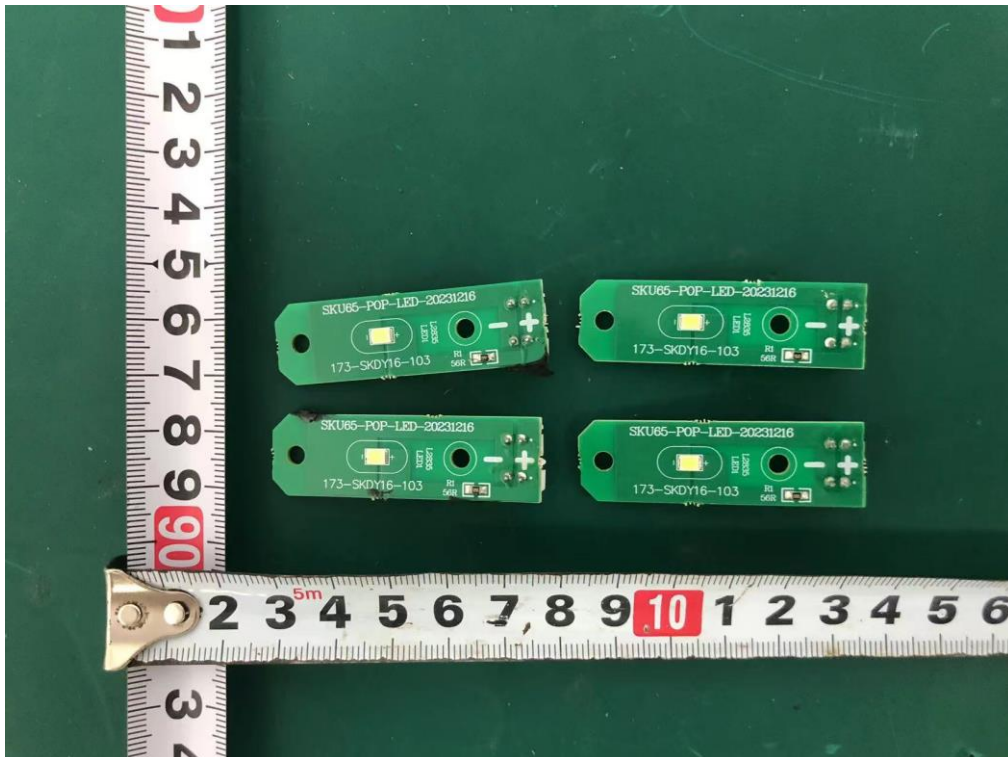
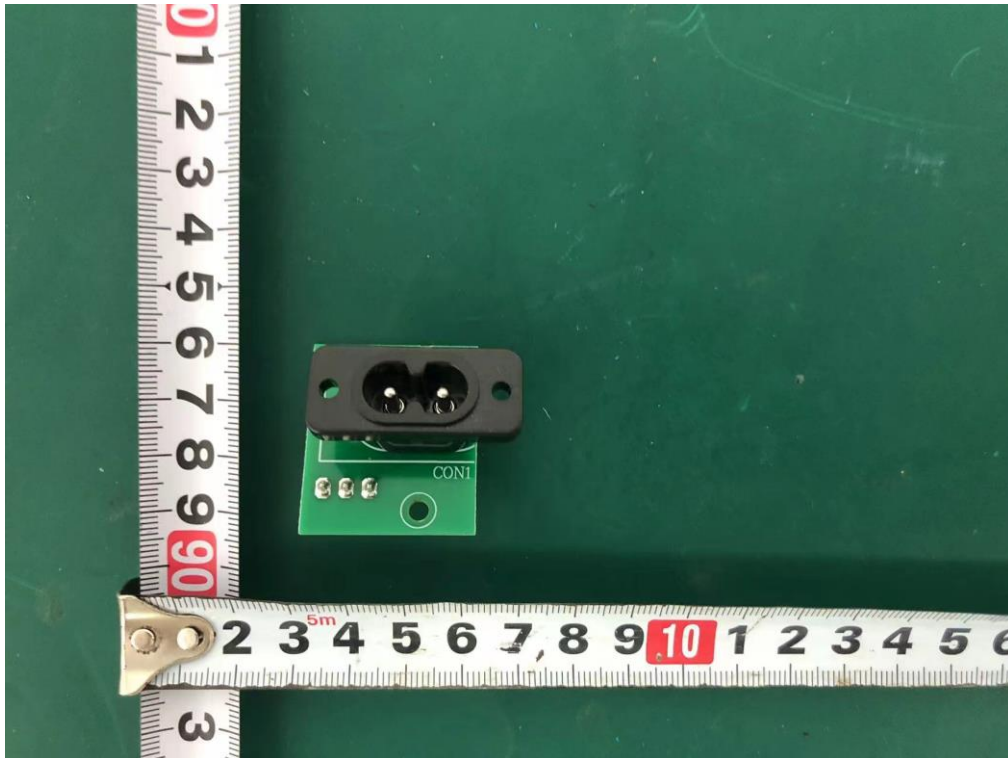
M/N: 2SKSK1852



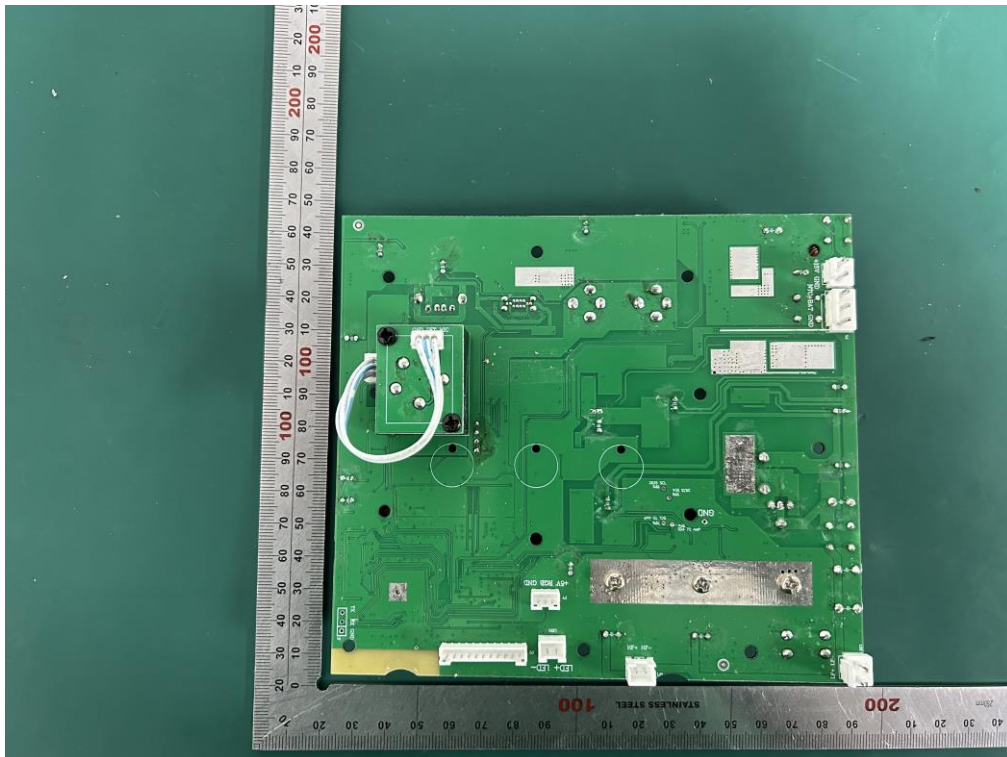
Internal Photos
M/N: 2SKSK1852



Internal Photos
M/N: 2SKSK1852

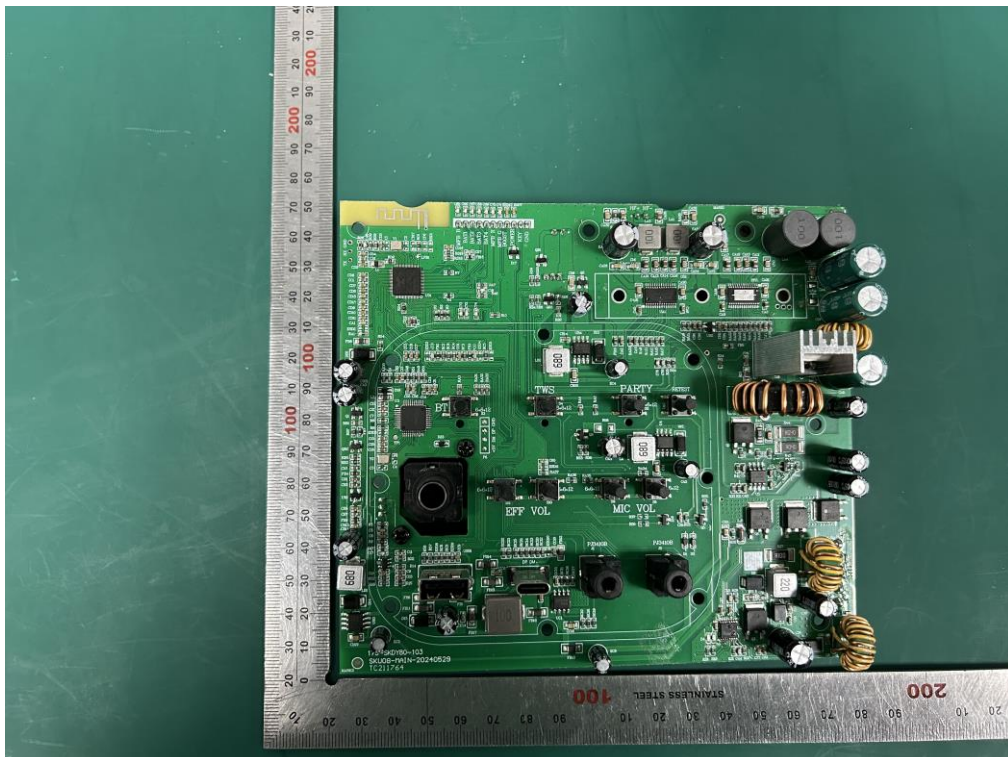
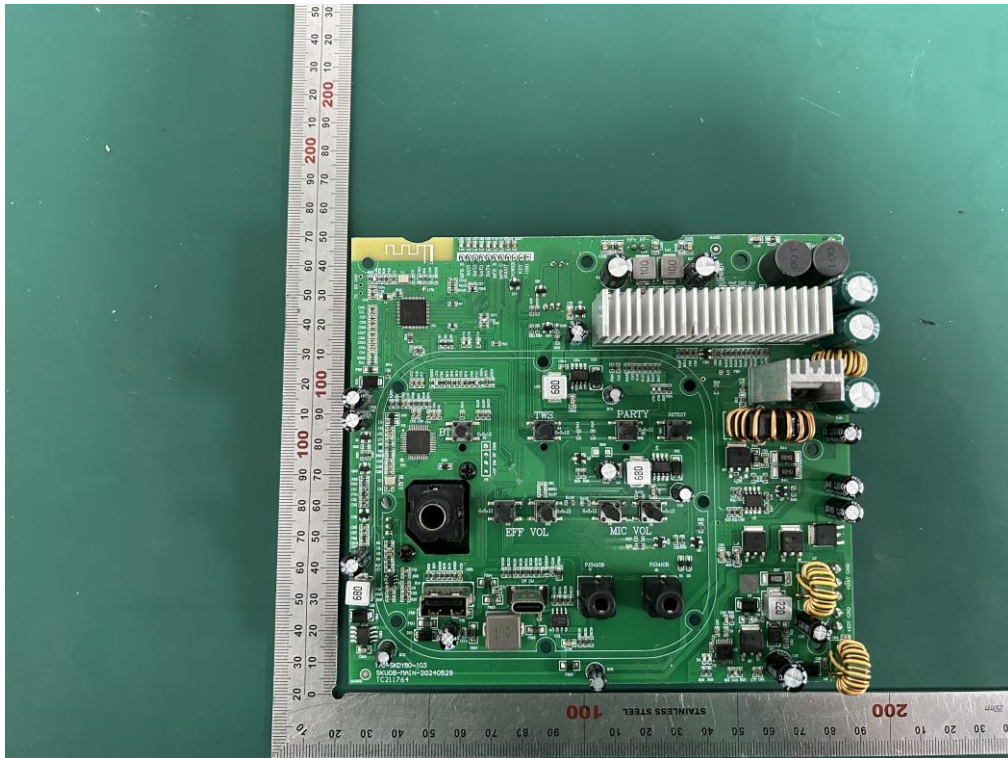


Internal Photos M/N: 2SKSK1852



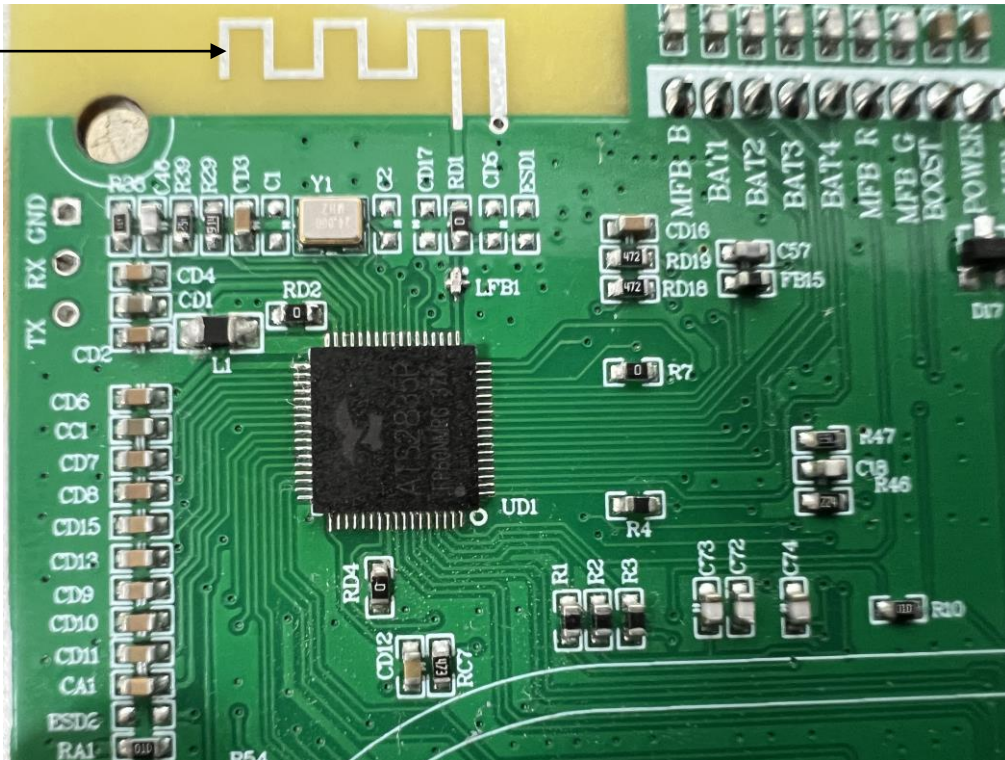
Internal Photos

M/N: 2SKSK1852



Internal Photos M/N: 2SKSK1852

Bluetooth
Antenna



End of Test Report