

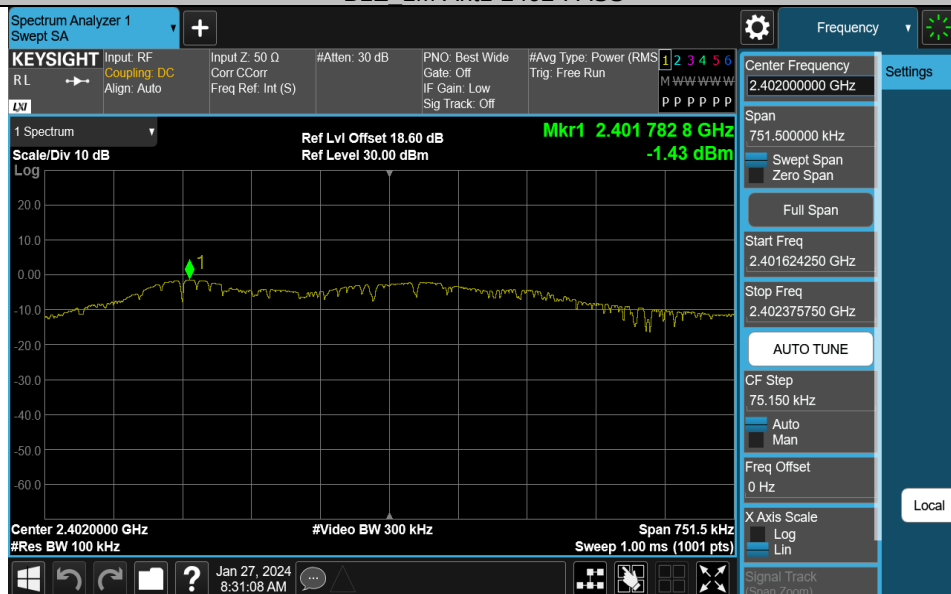
Appendix D: Reference level measurement

Test Result

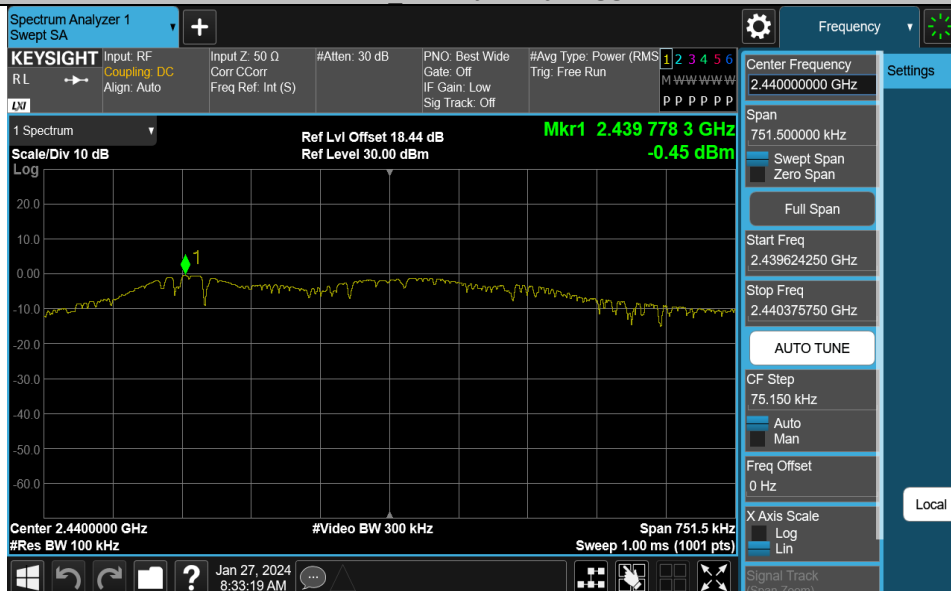
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2401.78	-1.43
BLE_1M	Ant1	2440	2439.78	-0.45
BLE_1M	Ant1	2480	2479.78	0.03
BLE_2M	Ant1	2402	2401.53	-2.08
BLE_2M	Ant1	2440	2439.54	-1.17
BLE_2M	Ant1	2480	2479.53	-0.68

Test Graphs

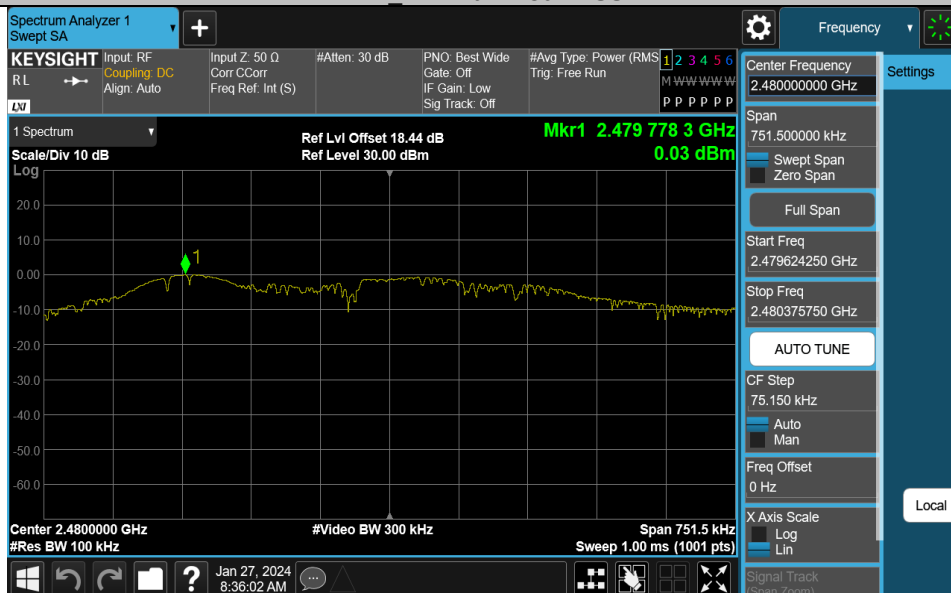
BLE 1M-Ant1-2402-PASS



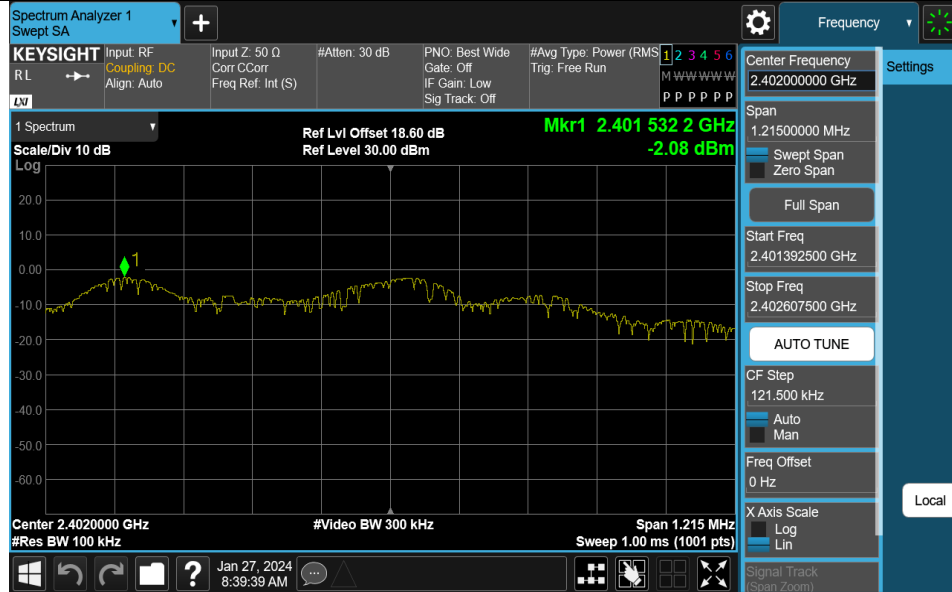
BLE 1M-Ant1-2440-PASS



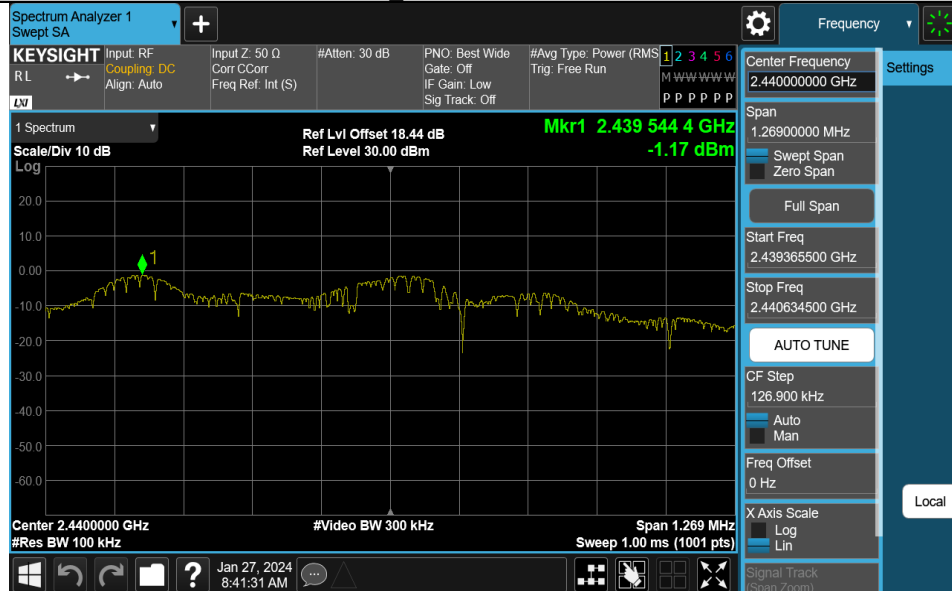
BLE 1M-Ant1-2480-PASS



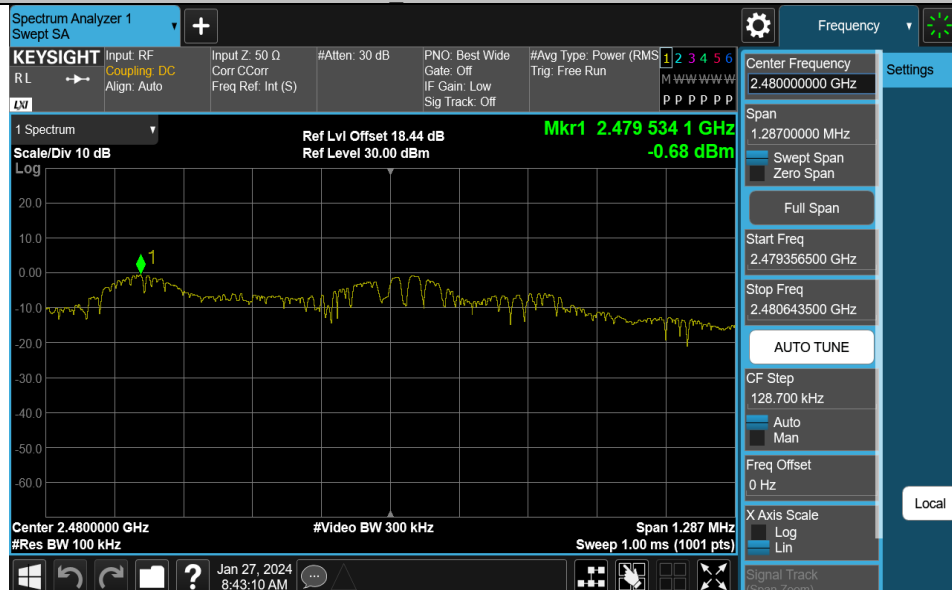
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



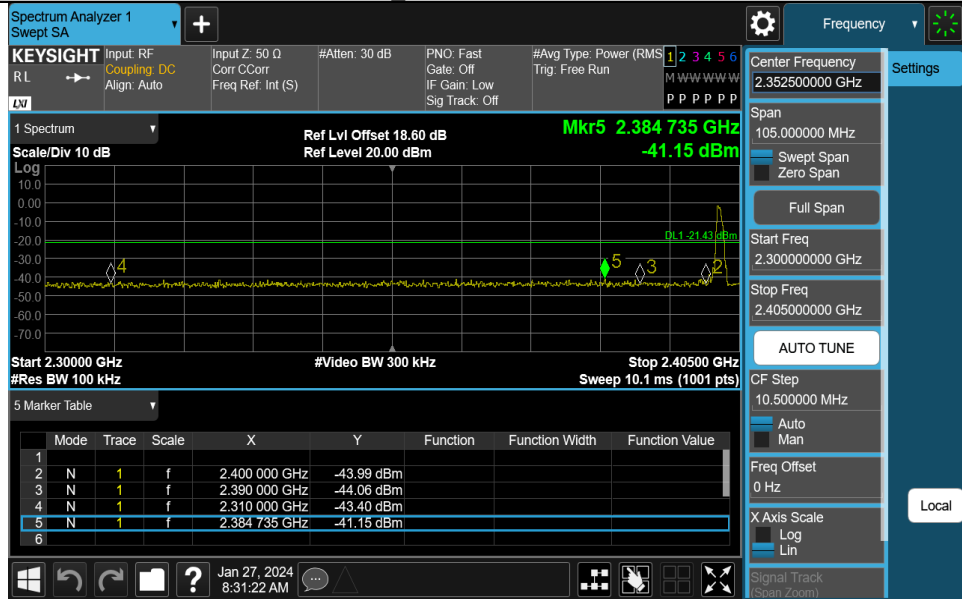
Appendix E: Band edge measurements

Test Result

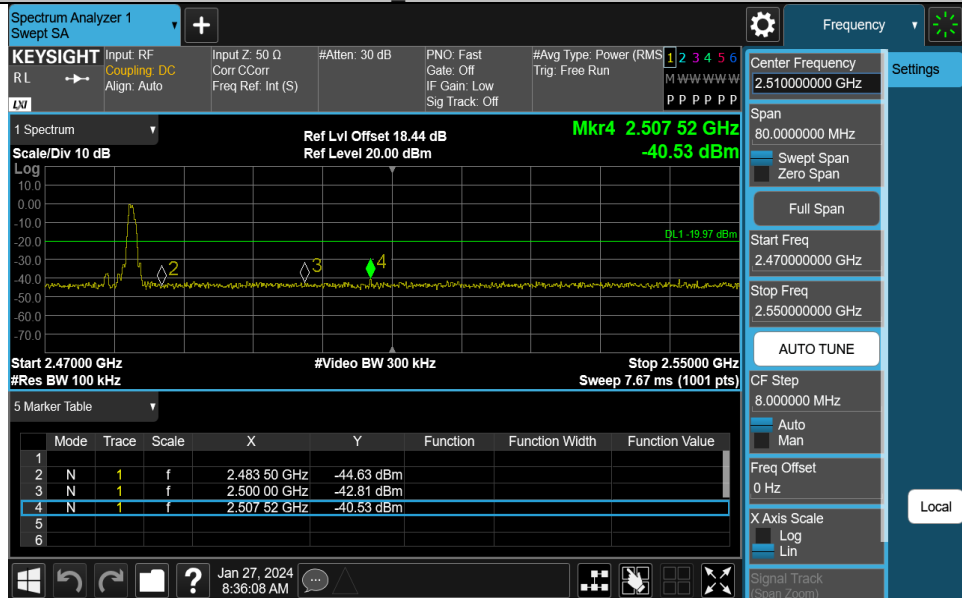
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.43	-41.15	≤ -21.43	PASS
BLE_1M	Ant1	High	2480	0.03	-40.53	≤ -19.97	PASS
BLE_2M	Ant1	Low	2402	-2.08	-40.32	≤ -22.08	PASS
BLE_2M	Ant1	High	2480	-0.68	-40.85	≤ -20.68	PASS

Test Graphs

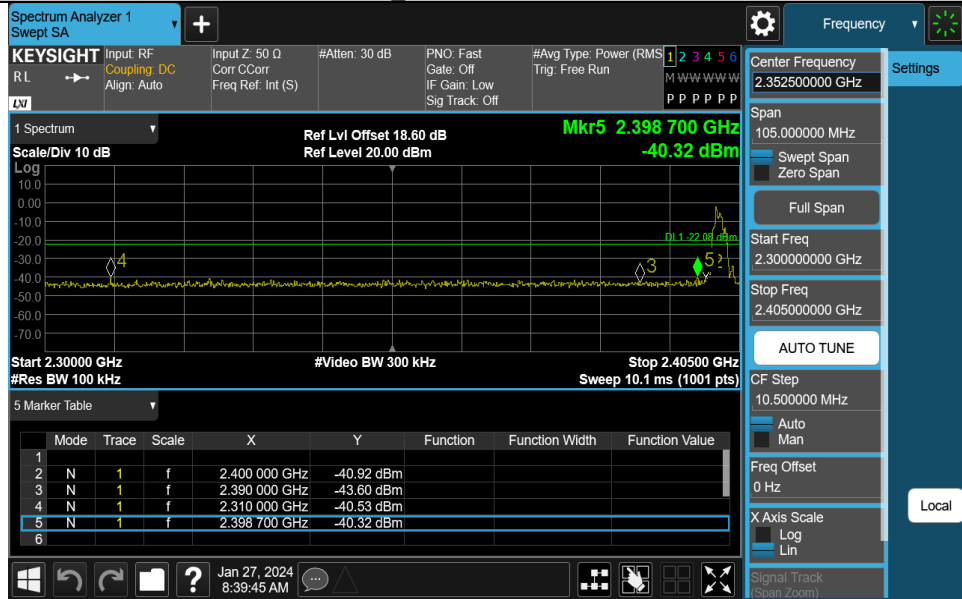
BLE 1M-Ant1-2402-PASS



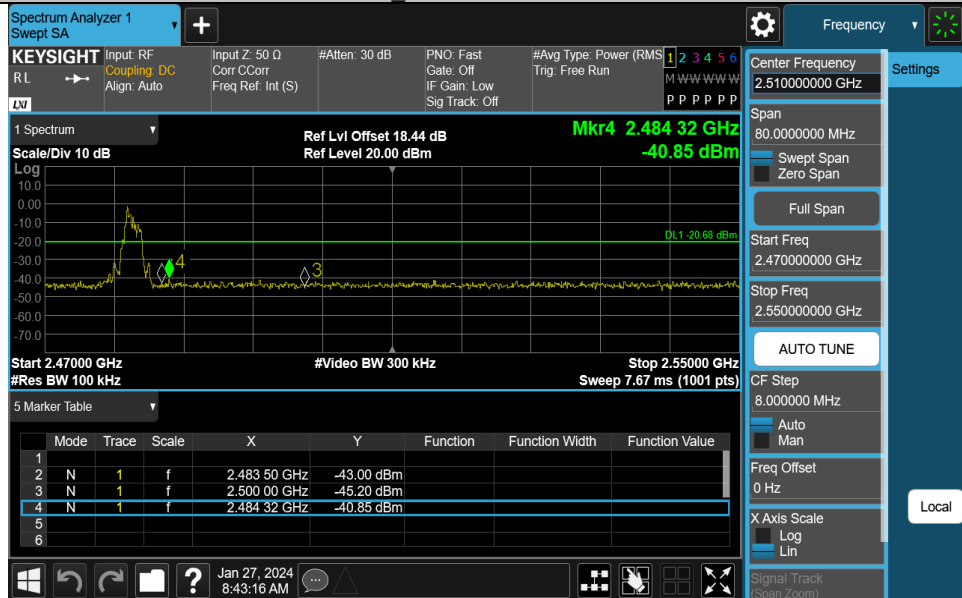
BLE 1M-Ant1-2480-PASS



BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2480-PASS



Appendix F: Conducted Spurious Emission Test Result

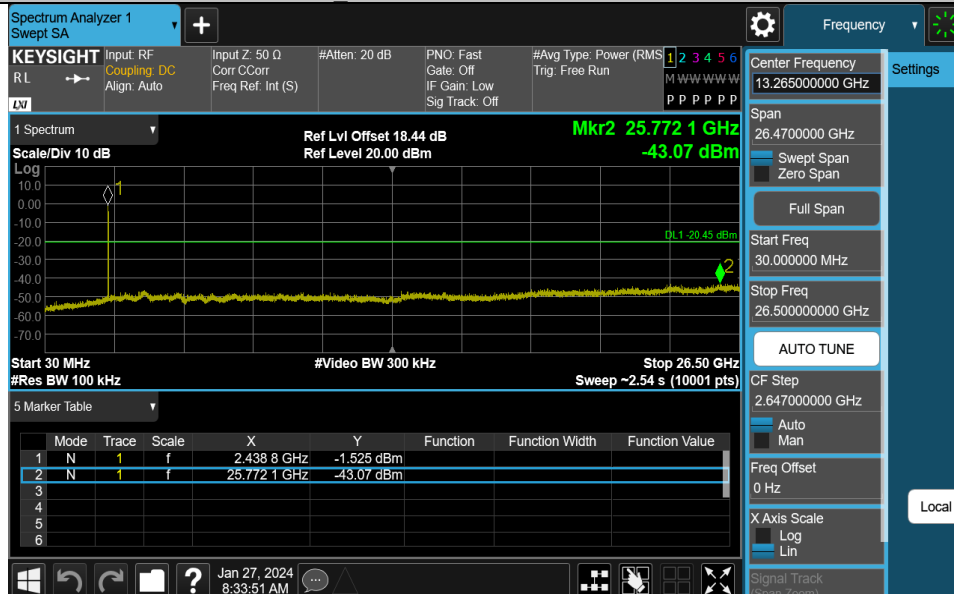
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	-1.43	-41.5	≤ -21.43	PASS
BLE_1M	Ant1	2440	30~26500	-0.45	-43.07	≤ -20.45	PASS
BLE_1M	Ant1	2480	30~26500	0.03	-43.05	≤ -19.97	PASS
BLE_2M	Ant1	2402	30~26500	-2.08	-42.34	≤ -22.08	PASS
BLE_2M	Ant1	2440	30~26500	-1.17	-42.17	≤ -21.17	PASS
BLE_2M	Ant1	2480	30~26500	-0.68	-41.9	≤ -20.68	PASS

Test Graphs

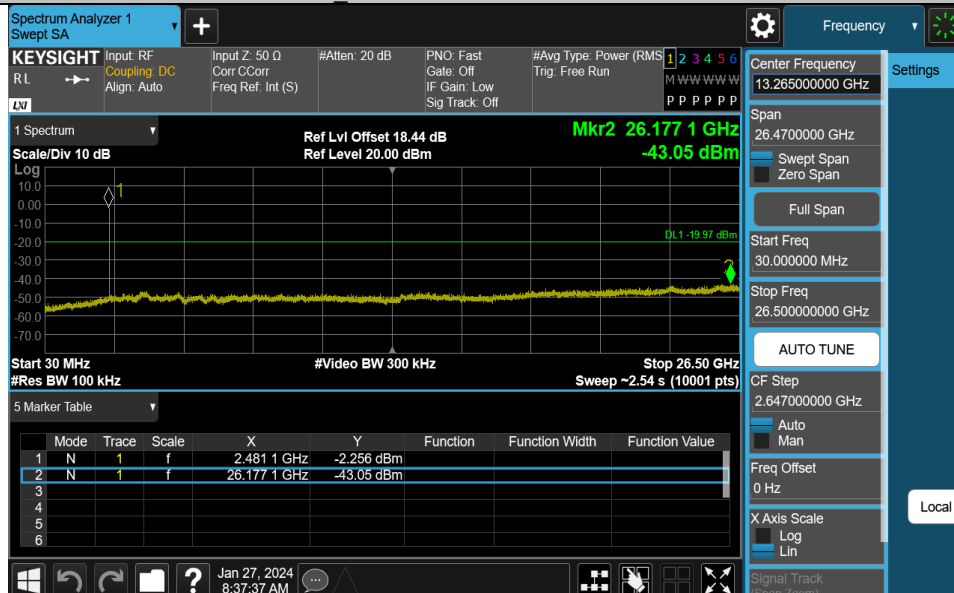
BLE 1M-Ant1-2402-30~26500-PASS



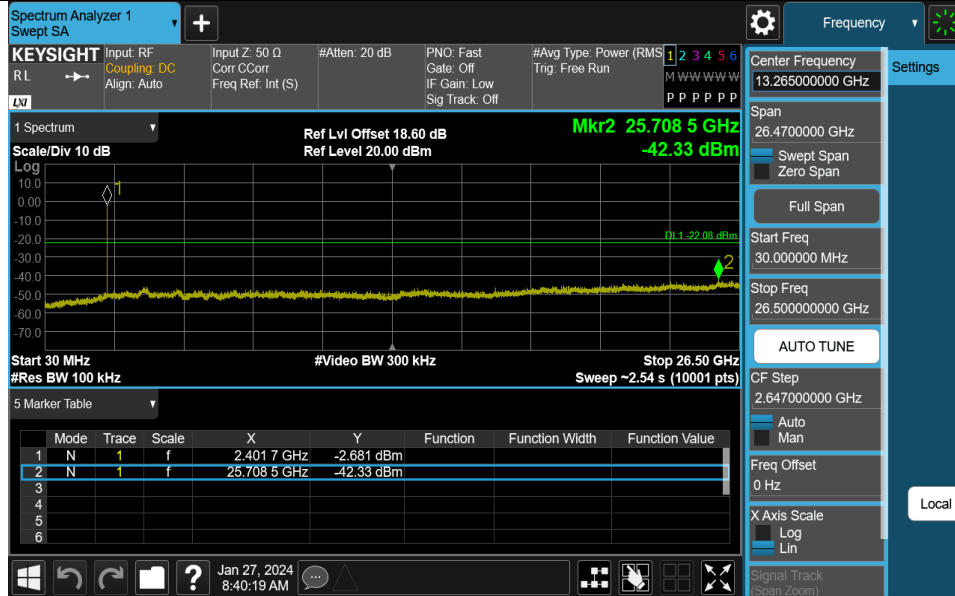
BLE 1M-Ant1-2440-30~26500-PASS



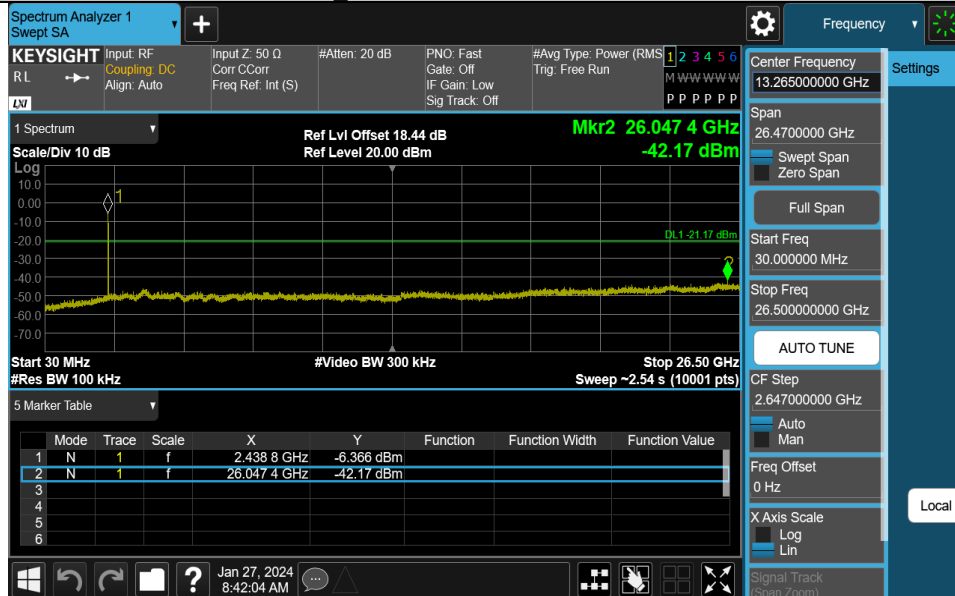
BLE 1M-Ant1-2480-30~26500-PASS



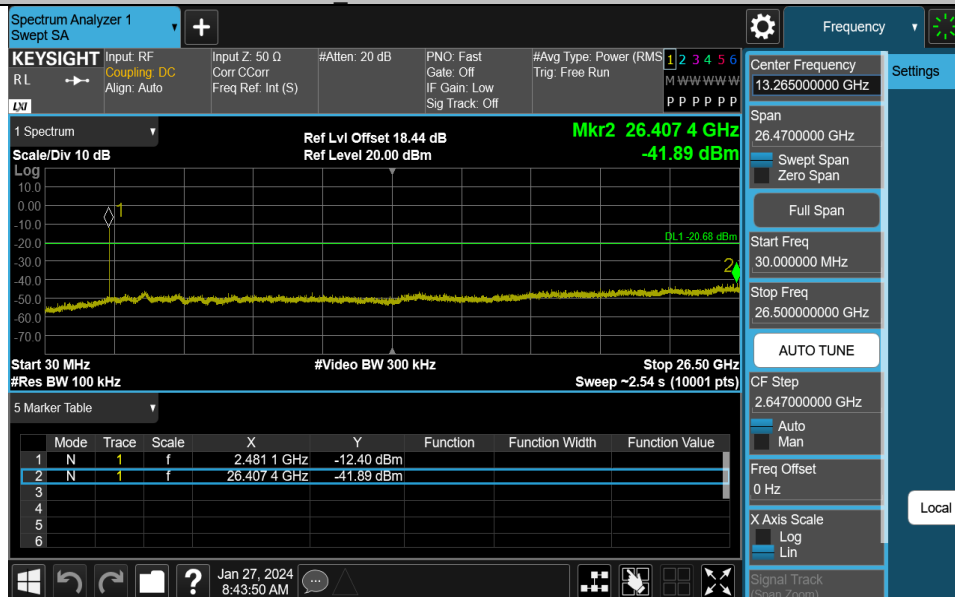
BLE 2M-Ant1-2402-30~26500-PASS



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



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



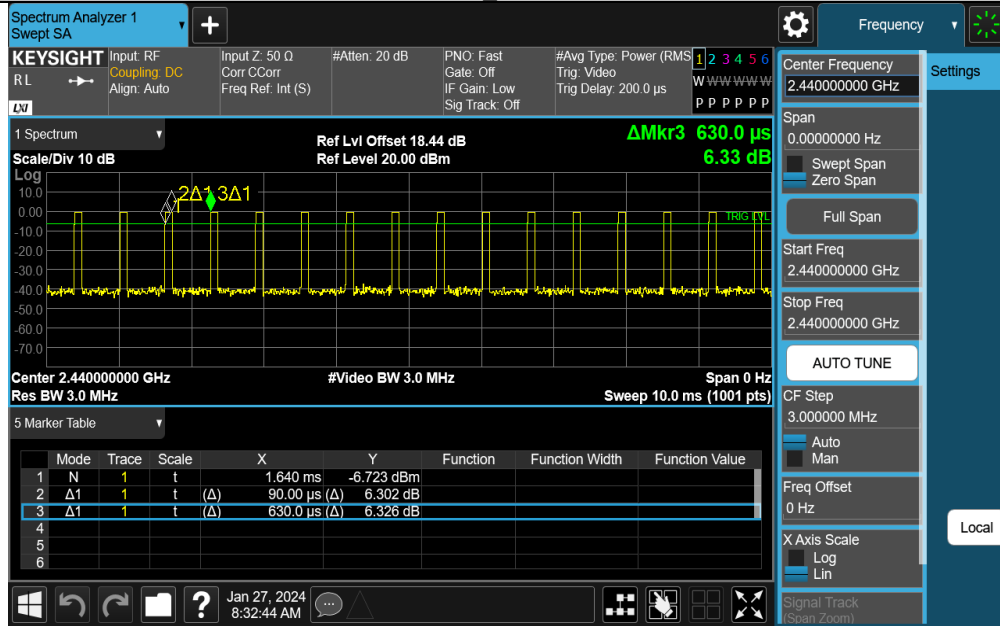
Appendix G: Duty Cycle

Test Result

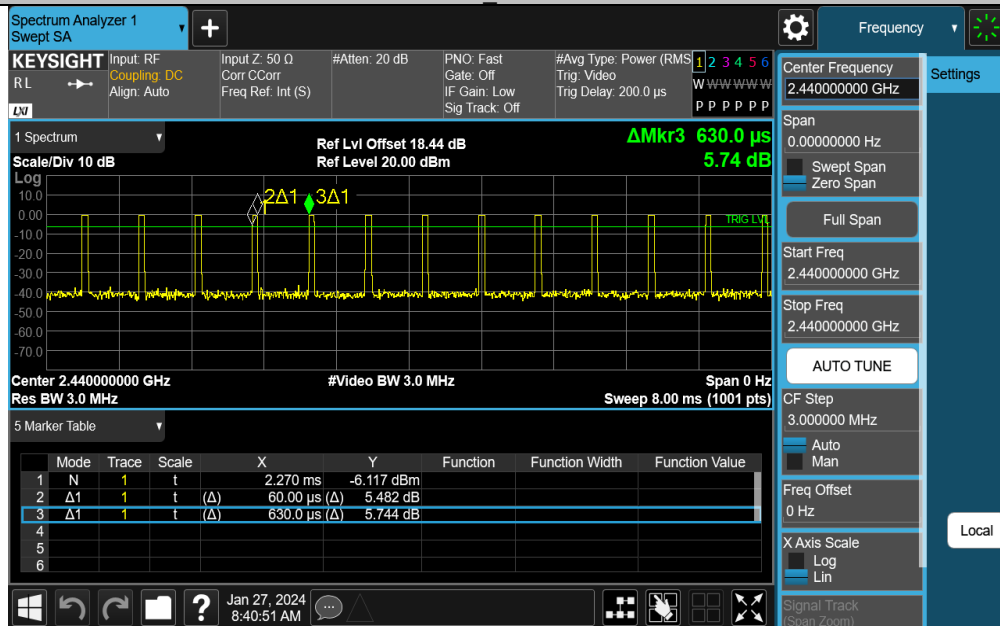
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	0.09	0.63	14.29	8.45
BLE_2M	Ant1	2440	0.06	0.63	9.52	10.21

Test Graphs

NTNV-BLE 1M-Ant1-2440



NTNV-BLE 2M-Ant1-2440

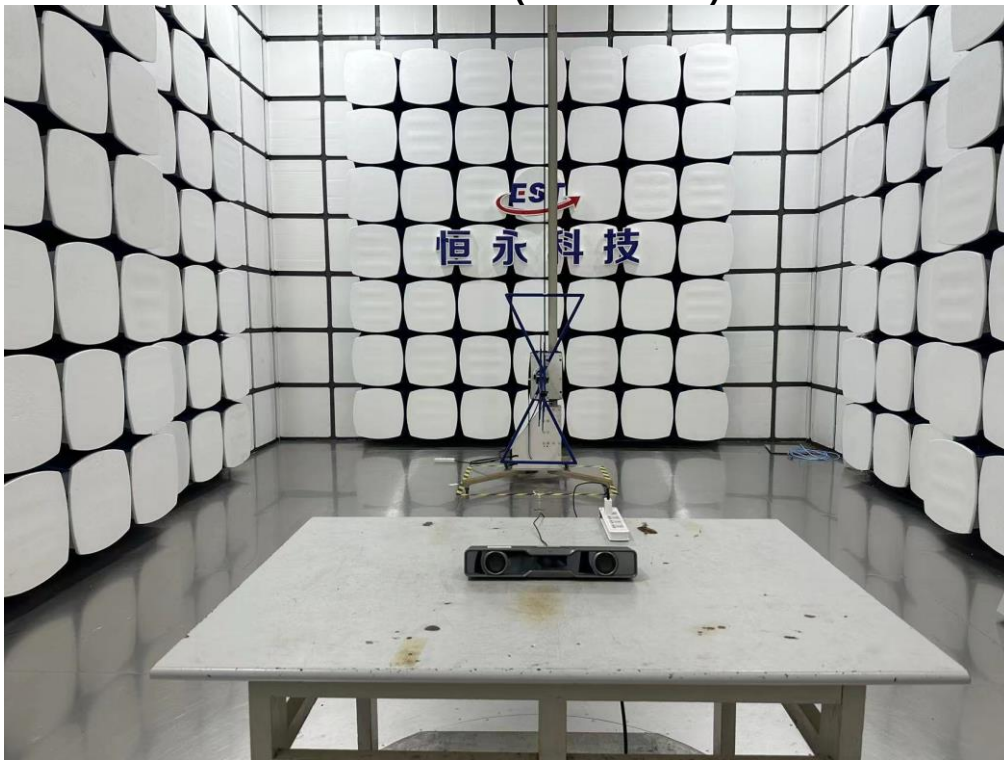


12. TEST SETUP PHOTO

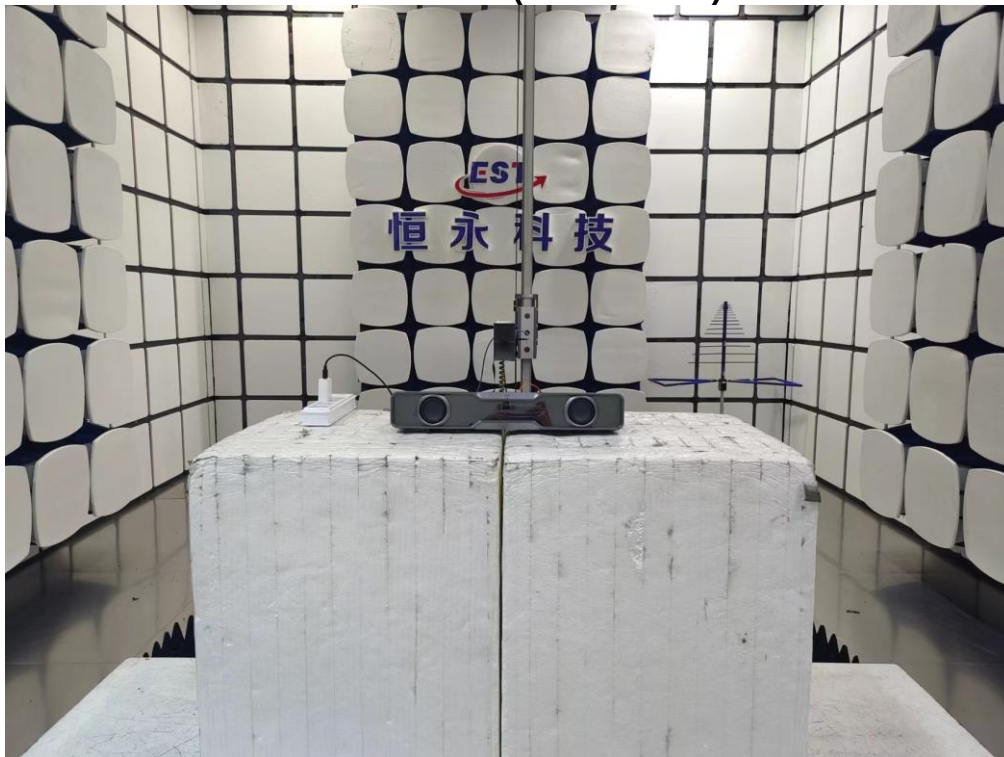
Conducted Test



Radiated Test (Below 1GHz)

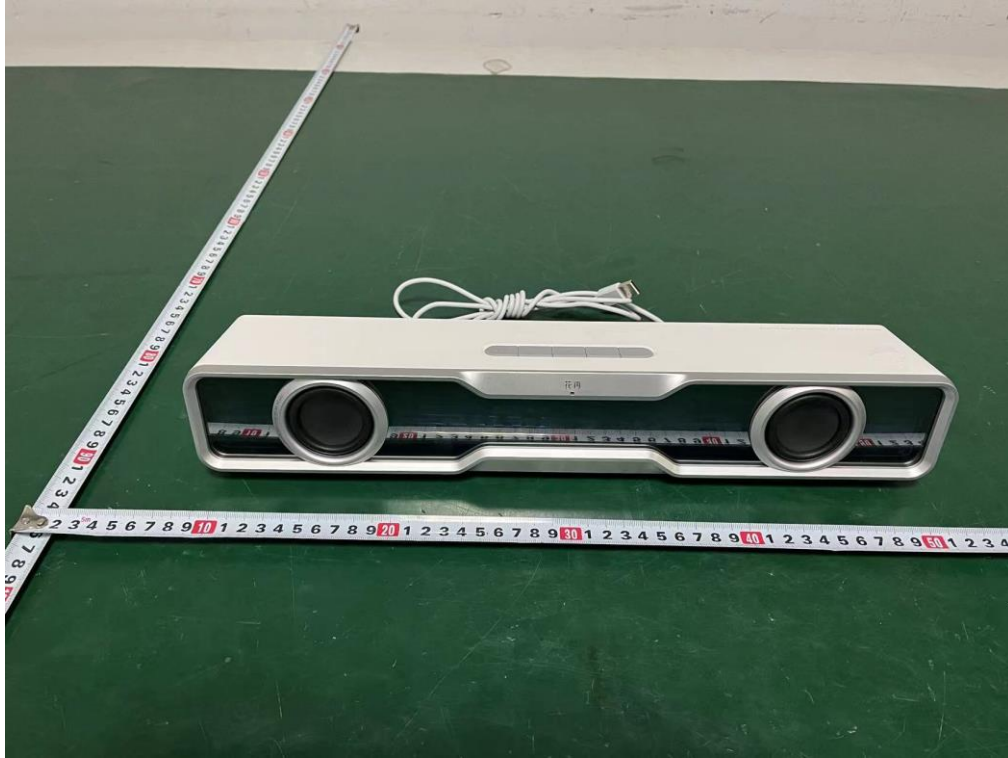


Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos
M/N: EDF286008



External Photos
M/N: EDF286008



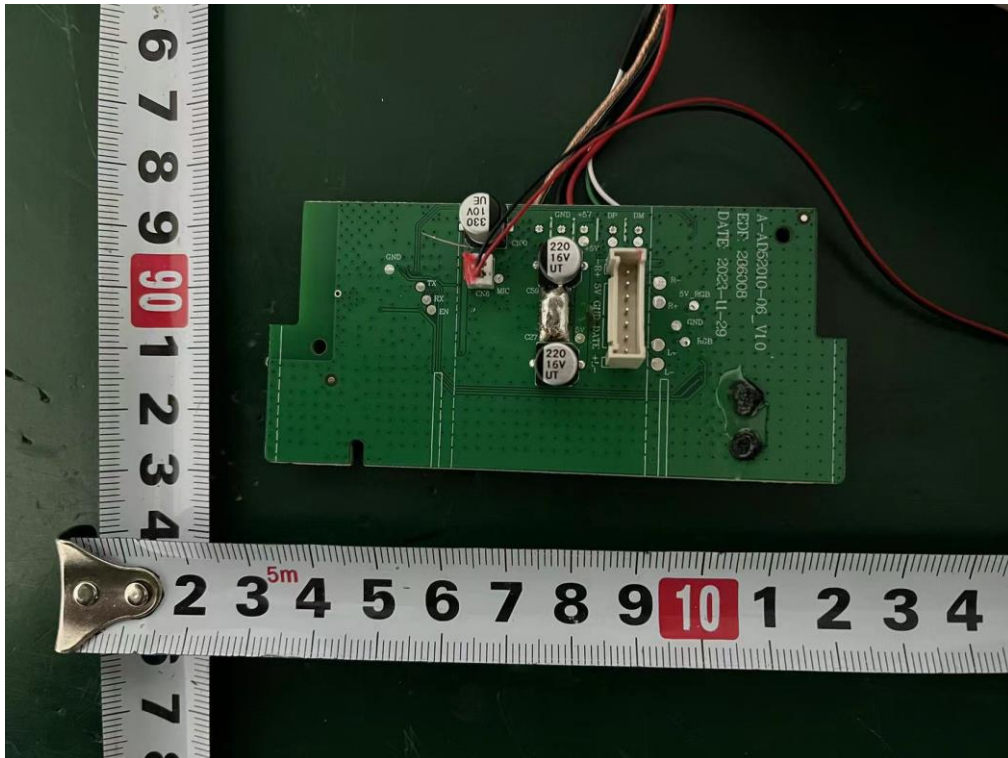
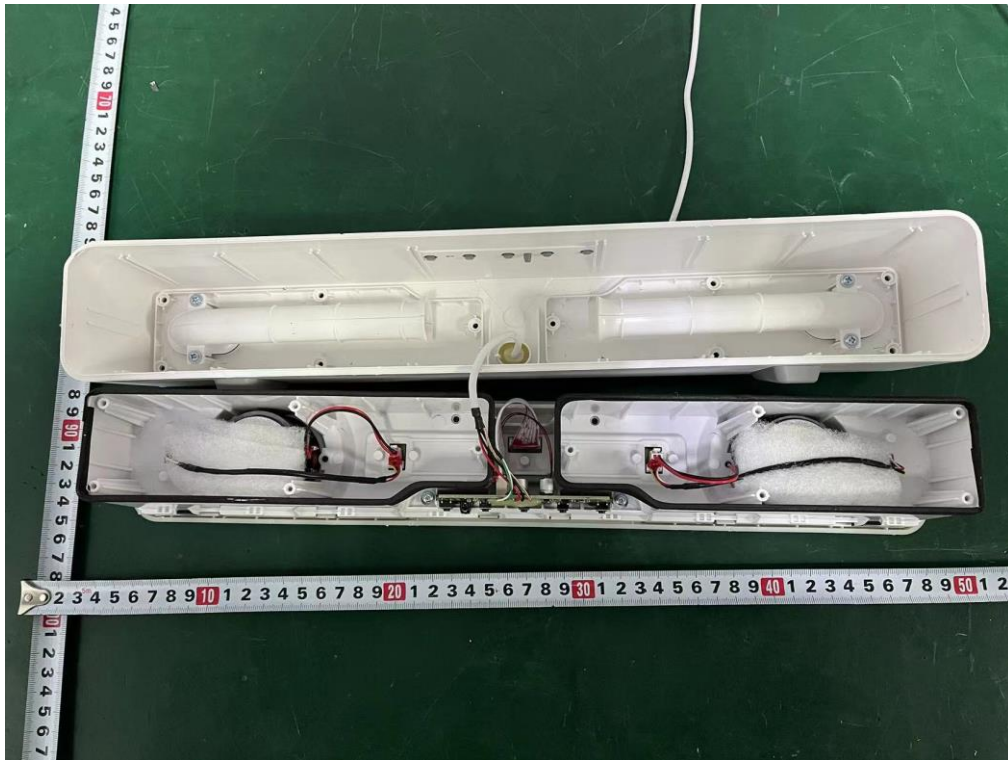
External Photos
M/N: EDF286008



External Photos
M/N: EDF286008

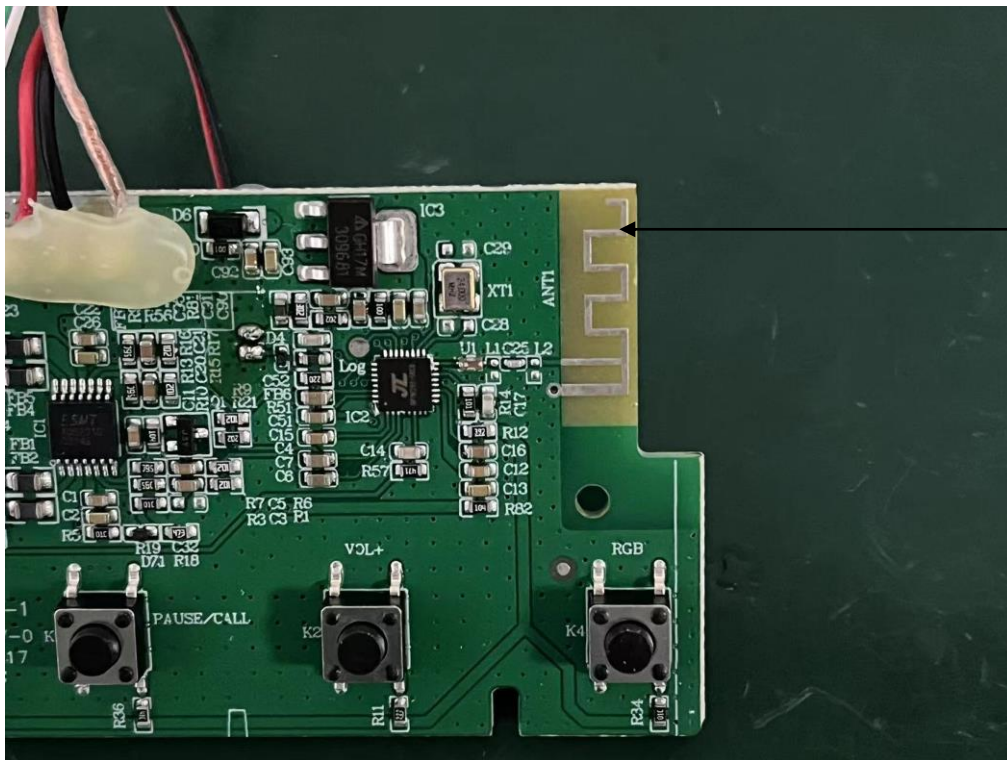
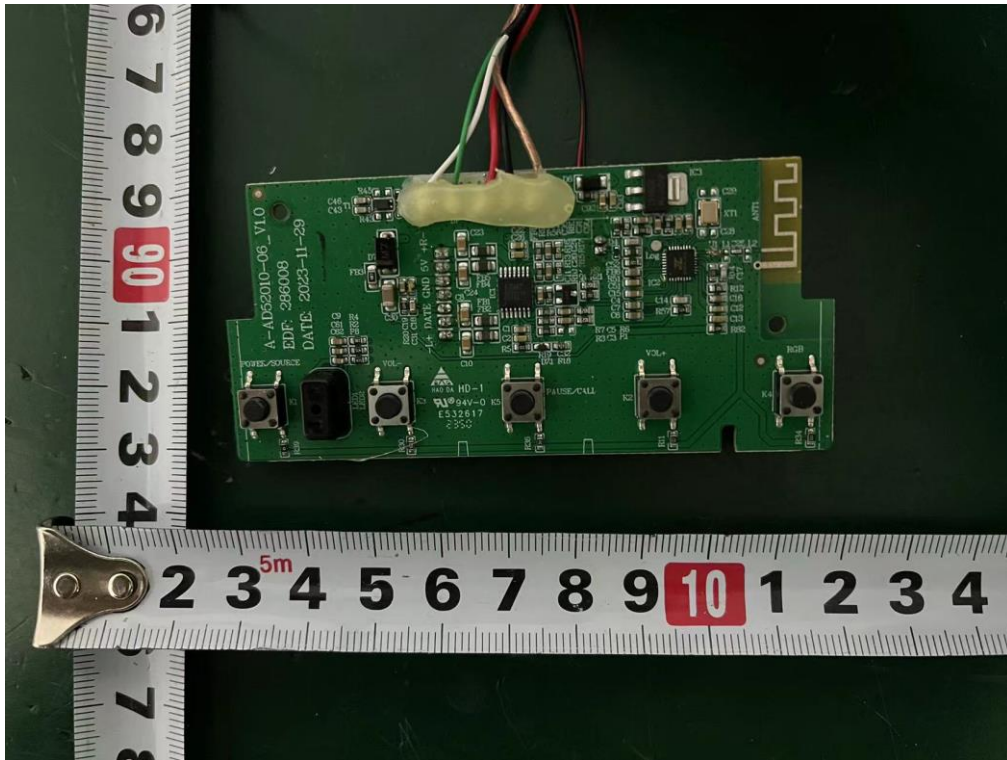


Internal Photos M/N: EDF286008



Internal Photos

M/N: EDF286008

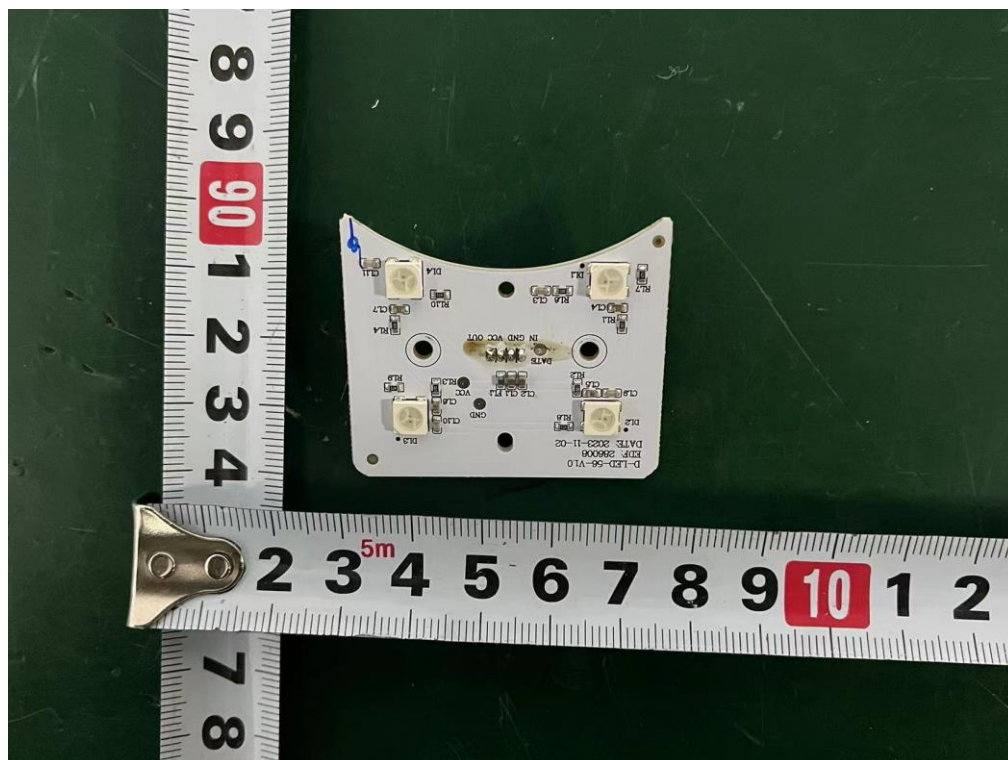


Bluetooth
Antenna

Internal Photos M/N: EDF286008



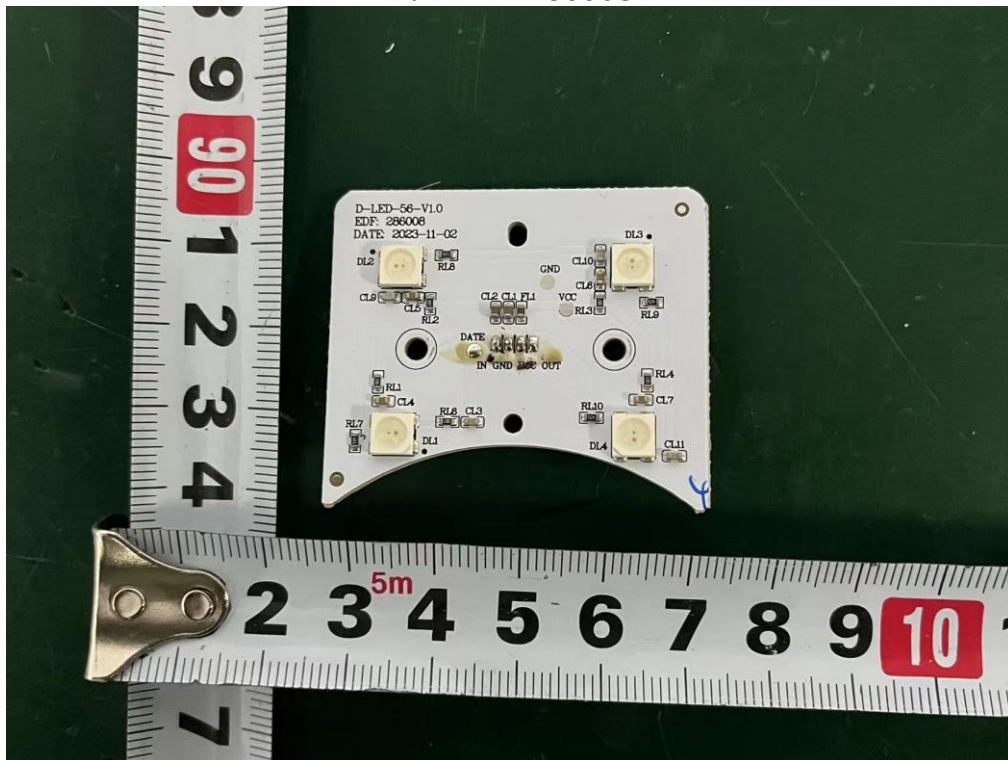
Internal Photos
M/N: EDF286008



Internal Photos
M/N: EDF286008



Internal Photos
M/N: EDF286008



End of Test Report