

Appendix E: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.50	4.91
11B	Ant1	2437	2436.48	5.89
11B	Ant1	2462	2460.99	7.07
11G	Ant1	2412	2413.23	0.94
11G	Ant1	2437	2431.97	1.69
11G	Ant1	2462	2465.72	0.86
11N20SISO	Ant1	2412	2416.96	1.31
11N20SISO	Ant1	2437	2441.99	1.84
11N20SISO	Ant1	2462	2455.78	-0.54
11N40SISO	Ant1	2422	2405.76	-0.70
11N40SISO	Ant1	2437	2420.75	-1.26
11N40SISO	Ant1	2452	2455.72	-1.67
11AX20SISO	Ant1	2412	2404.49	2.35
11AX20SISO	Ant1	2437	2441.98	1.79
11AX20SISO	Ant1	2462	2464.48	0.81
11AX40SISO	Ant1	2422	2413.24	-0.58
11AX40SISO	Ant1	2437	2421.98	-1.17
11AX40SISO	Ant1	2452	2443.24	-0.92

Test Graphs

11B-Ant1-2412-PASS



11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



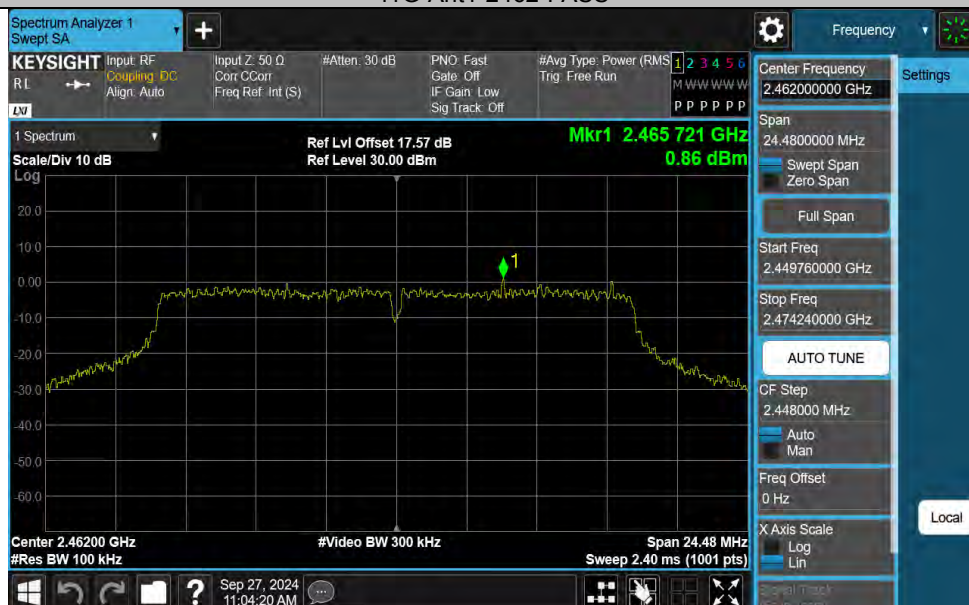
11G-Ant1-2412-PASS



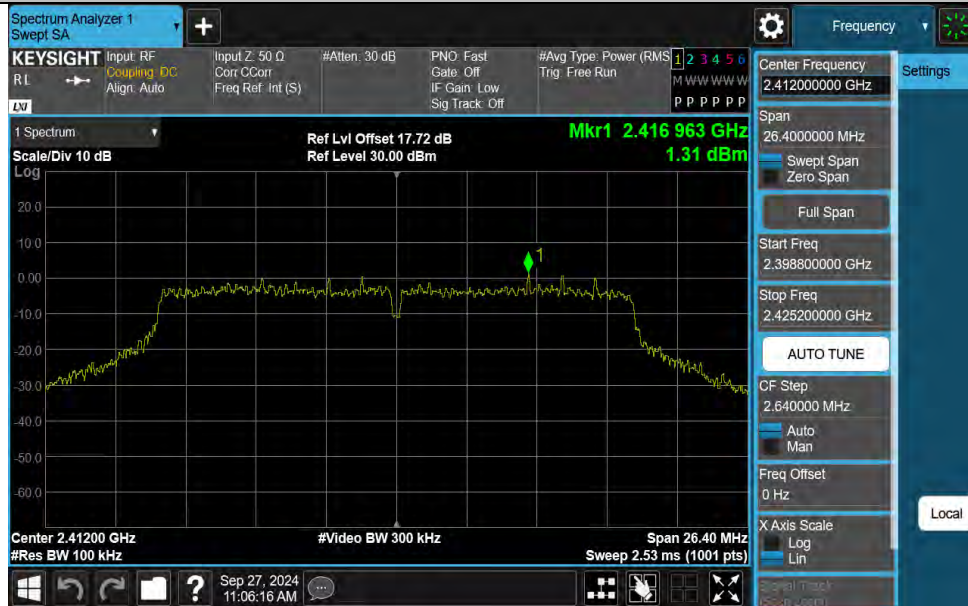
11G-Ant1-2437-PASS



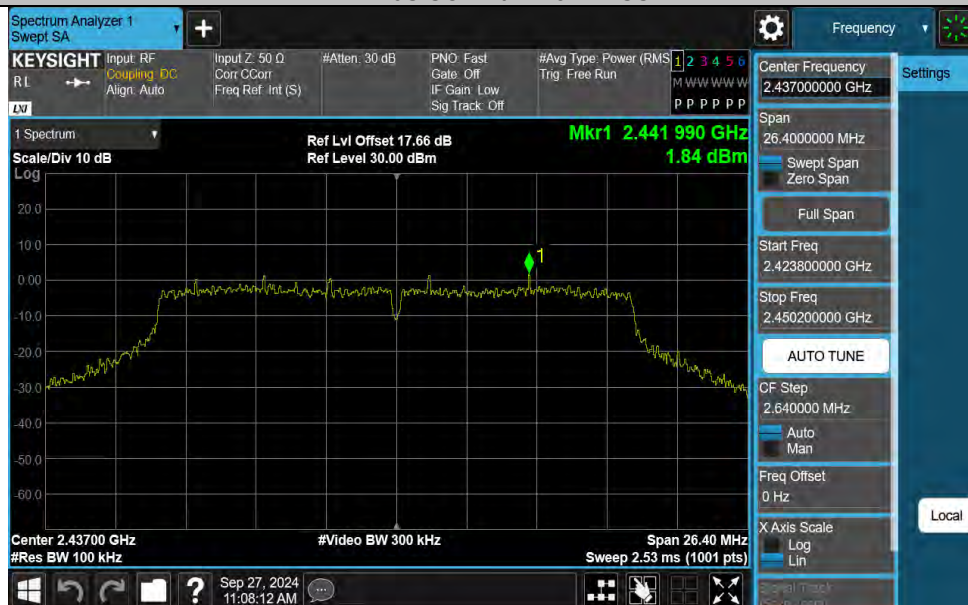
11G-Ant1-2462-PASS



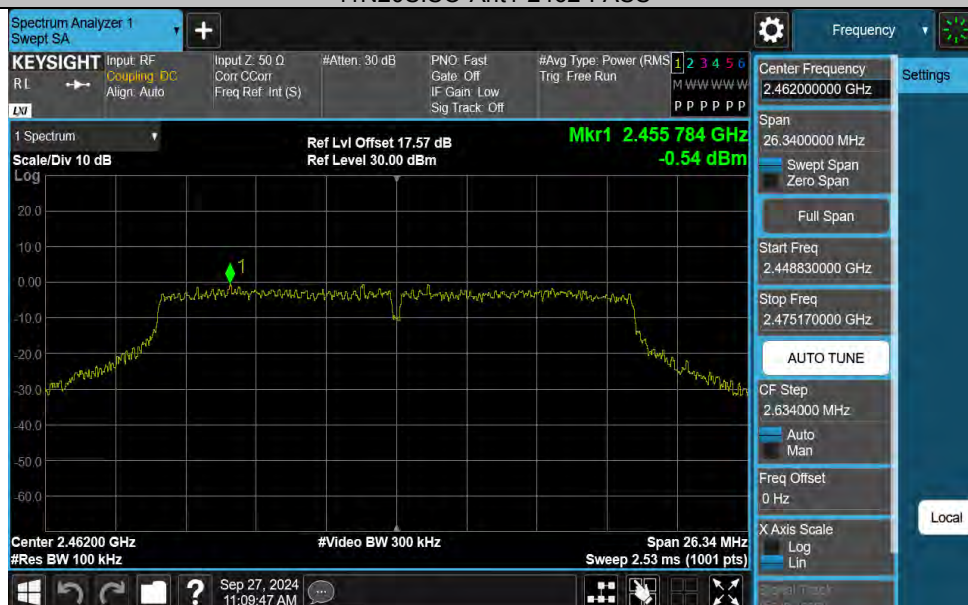
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



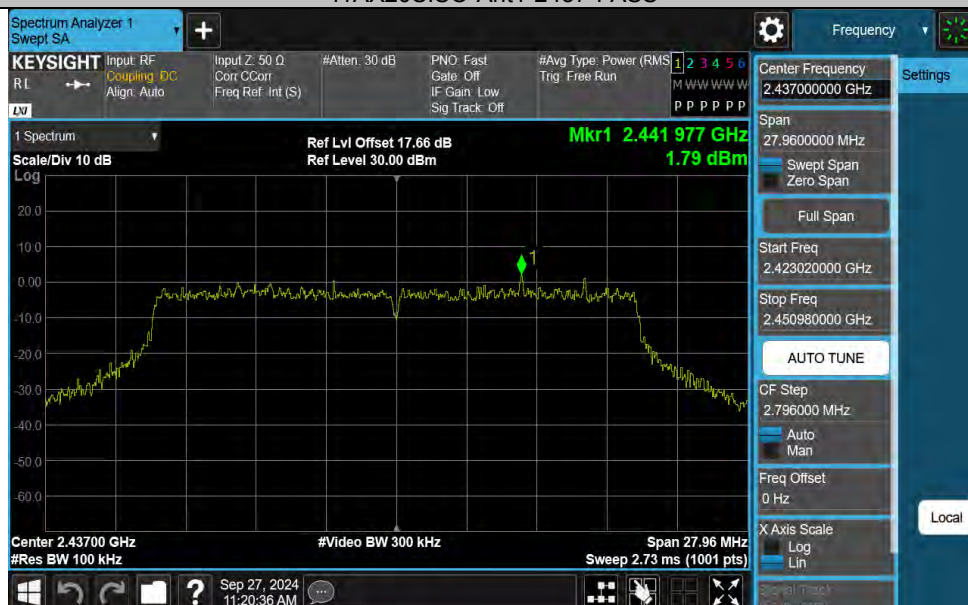
11N40SISO-Ant1-2452-PASS



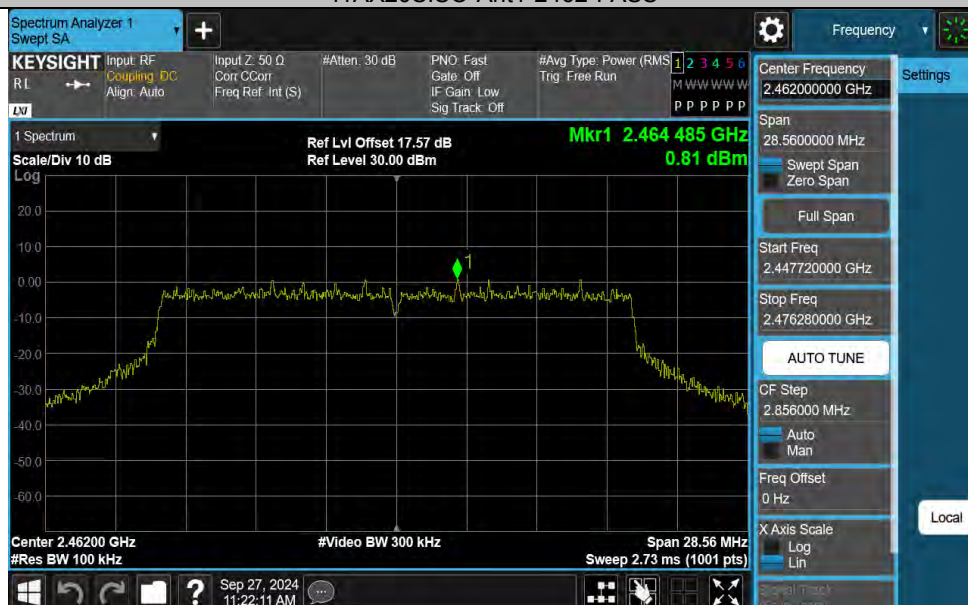
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS



Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.91	-40.54	≤ -15.09	PASS
11B	Ant1	High	2462	7.07	-40.84	≤ -12.93	PASS
11G	Ant1	Low	2412	0.94	-28	≤ -19.06	PASS
11G	Ant1	High	2462	0.86	-40.63	≤ -19.14	PASS
11N20SISO	Ant1	Low	2412	1.31	-26.47	≤ -18.69	PASS
11N20SISO	Ant1	High	2462	-0.54	-40.56	≤ -20.54	PASS
11N40SISO	Ant1	Low	2422	-0.70	-28.86	≤ -20.7	PASS
11N40SISO	Ant1	High	2452	-1.67	-38.6	≤ -21.67	PASS
11AX20SISO	Ant1	Low	2412	2.35	-27.08	≤ -17.65	PASS
11AX20SISO	Ant1	High	2462	0.81	-40.15	≤ -19.19	PASS
11AX40SISO	Ant1	Low	2422	-0.58	-28.77	≤ -20.58	PASS
11AX40SISO	Ant1	High	2452	-0.92	-34.58	≤ -20.92	PASS

Test Graphs

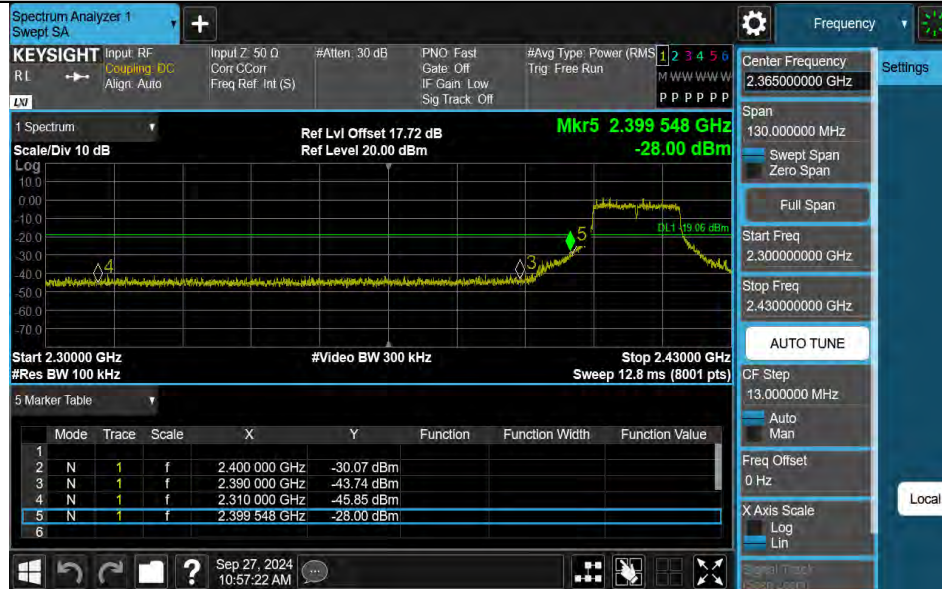
11B-Ant1-2412-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2452-PASS



Appendix G: Conducted Spurious Emission Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	4.91	-43.47	≤-15.09	PASS
11B	Ant1	2437	30~26500	5.89	-42.85	≤-14.11	PASS
11B	Ant1	2462	30~26500	7.07	-41.25	≤-12.93	PASS
11G	Ant1	2412	30~26500	0.94	-42.83	≤-19.06	PASS
11G	Ant1	2437	30~26500	1.69	-42.92	≤-18.31	PASS
11G	Ant1	2462	30~26500	0.86	-43.15	≤-19.14	PASS
11N20SISO	Ant1	2412	30~26500	1.31	-43	≤-18.69	PASS
11N20SISO	Ant1	2437	30~26500	1.84	-43.06	≤-18.16	PASS
11N20SISO	Ant1	2462	30~26500	-0.54	-43.77	≤-20.54	PASS
11N40SISO	Ant1	2422	30~26500	-0.70	-42.73	≤-20.7	PASS
11N40SISO	Ant1	2437	30~26500	-1.26	-42.76	≤-21.26	PASS
11N40SISO	Ant1	2452	30~26500	-1.67	-42.69	≤-21.67	PASS
11AX20SISO	Ant1	2412	30~26500	2.35	-41.72	≤-17.65	PASS
11AX20SISO	Ant1	2437	30~26500	1.79	-42.36	≤-18.21	PASS
11AX20SISO	Ant1	2462	30~26500	0.81	-43.26	≤-19.19	PASS
11AX40SISO	Ant1	2422	30~26500	-0.58	-43.18	≤-20.58	PASS
11AX40SISO	Ant1	2437	30~26500	-1.17	-43.11	≤-21.17	PASS
11AX40SISO	Ant1	2452	30~26500	-0.92	-43.16	≤-20.92	PASS

Test Graphs

11B-Ant1-2412-30~26500-PASS



11B-Ant1-2437-30~26500-PASS



11B-Ant1-2462-30~26500-PASS



11G-Ant1-2412-30~26500-PASS



11G-Ant1-2437-30~26500-PASS



11G-Ant1-2462-30~26500-PASS



11N20SISO-Ant1-2412-30~26500-PASS



11N20SISO-Ant1-2437-30~26500-PASS



11N20SISO-Ant1-2462-30~26500-PASS



11N40SISO-Ant1-2422-30~26500-PASS



11N40SISO-Ant1-2437-30~26500-PASS



11N40SISO-Ant1-2452-30~26500-PASS



11AX20ISO-Ant1-2412-30~26500-PASS



11AX20ISO-Ant1-2437-30~26500-PASS



11AX20ISO-Ant1-2462-30~26500-PASS



11AX40ISO-Ant1-2422-30~26500-PASS



11AX40ISO-Ant1-2437-30~26500-PASS



11AX40ISO-Ant1-2452-30~26500-PASS

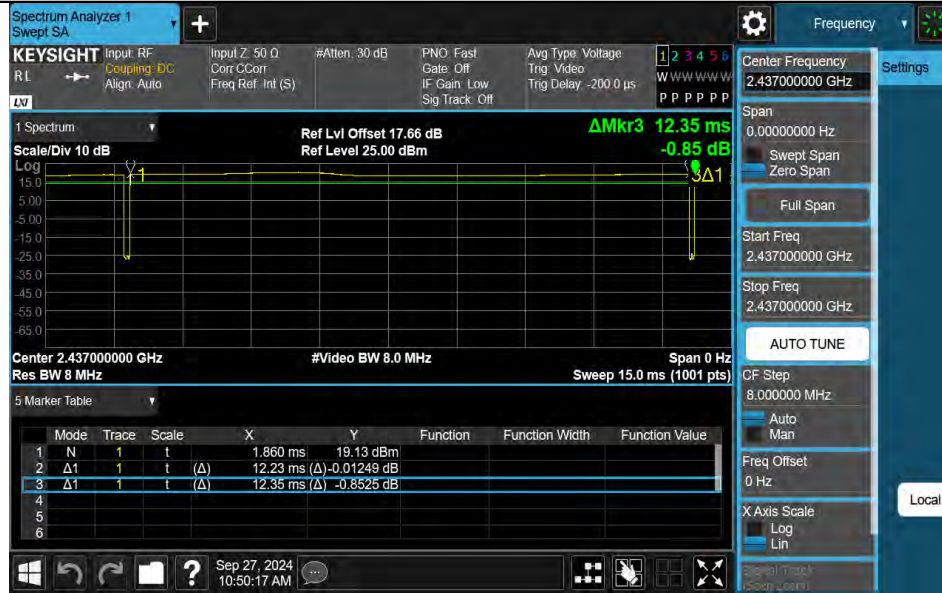


Appendix H: Duty Cycle Test Result

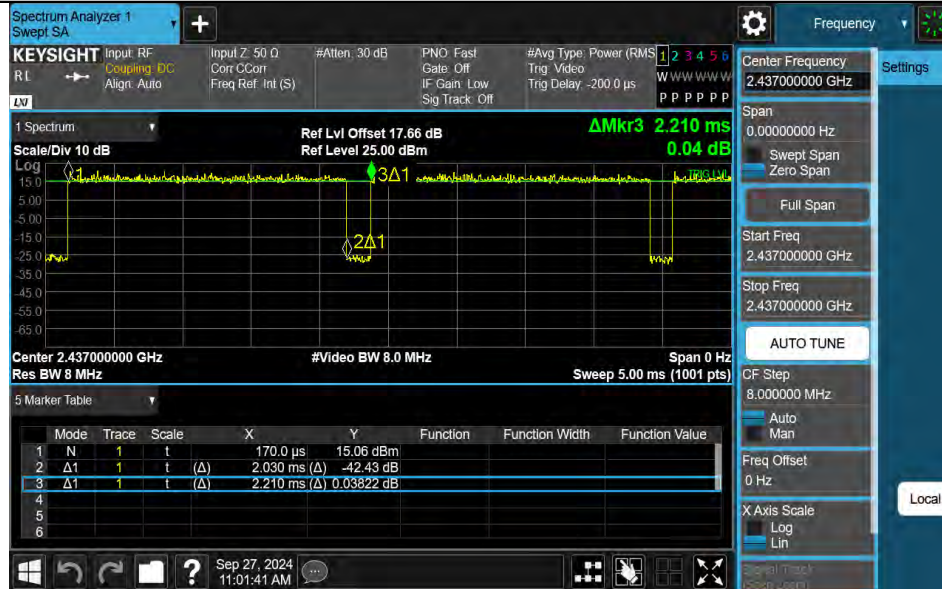
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	12.23	12.35	99.03
11G	Ant1	2437	2.03	2.21	91.86
11N20SISO	Ant1	2437	1.90	2.07	91.79
11N40SISO	Ant1	2437	0.94	1.05	89.52
11AX20SISO	Ant1	2437	1.45	1.62	89.51
11AX40SISO	Ant1	2437	0.74	0.96	77.08

Test Graphs

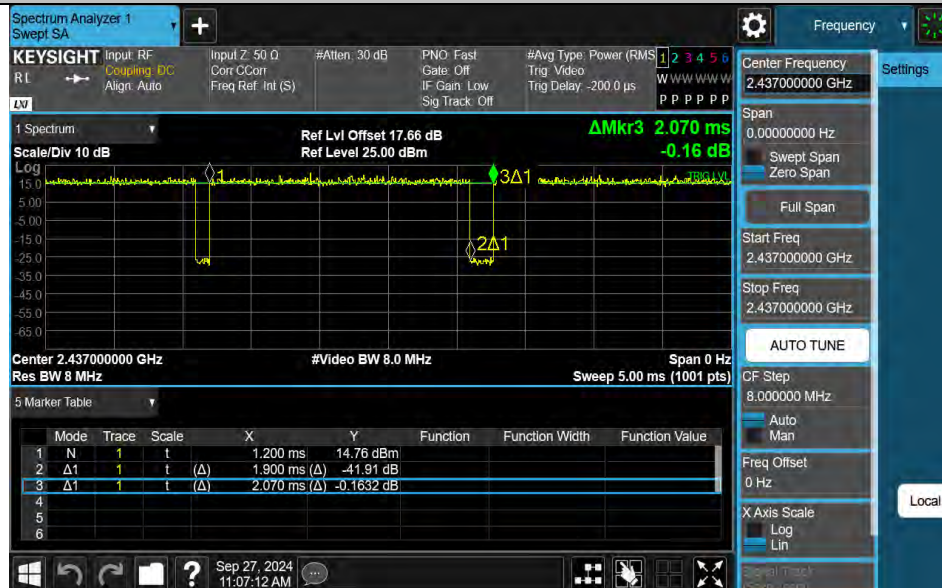
NTNV-11B-Ant1-2437



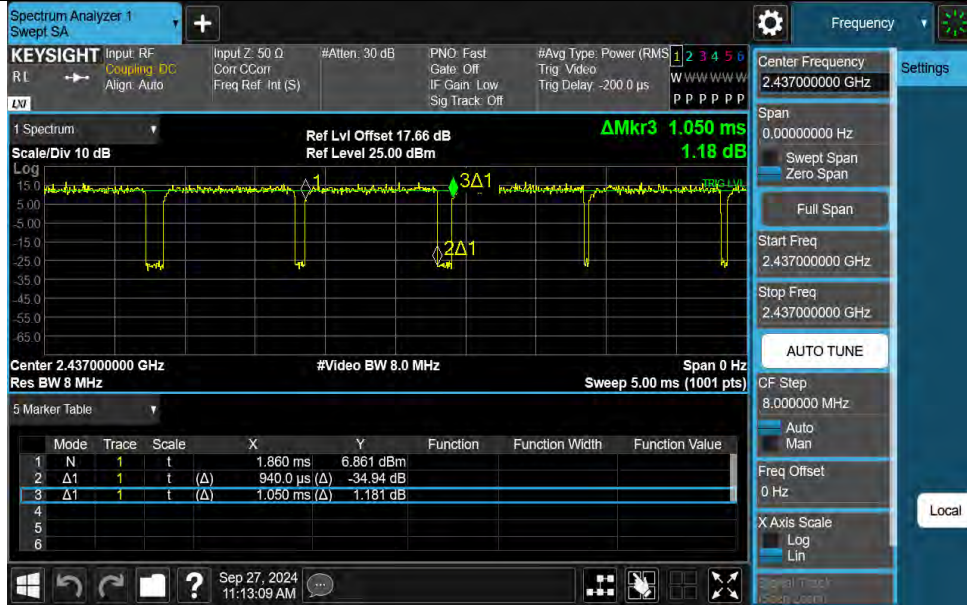
NTNV-11G-Ant1-2437



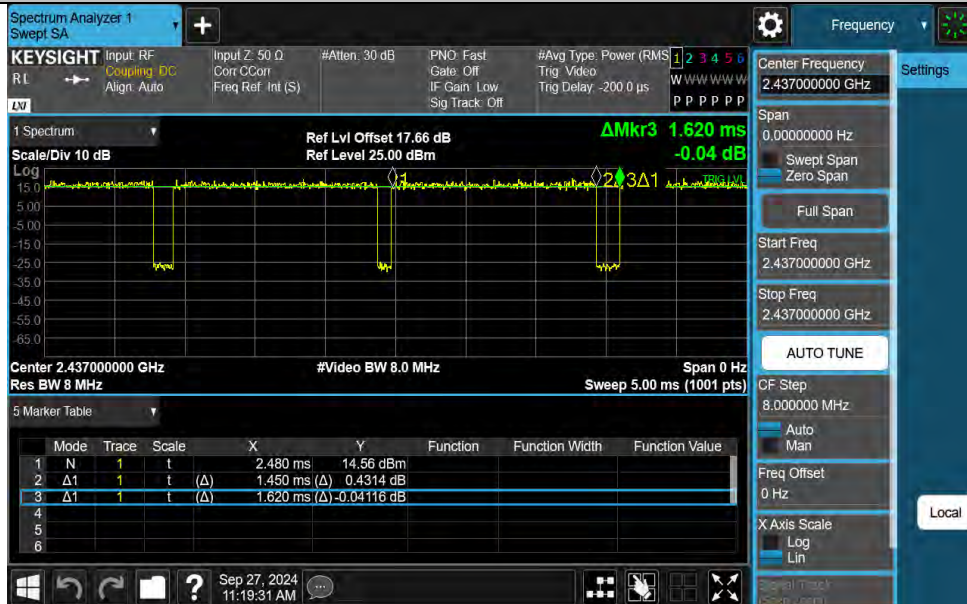
NTNV-11N20SISO-Ant1-2437



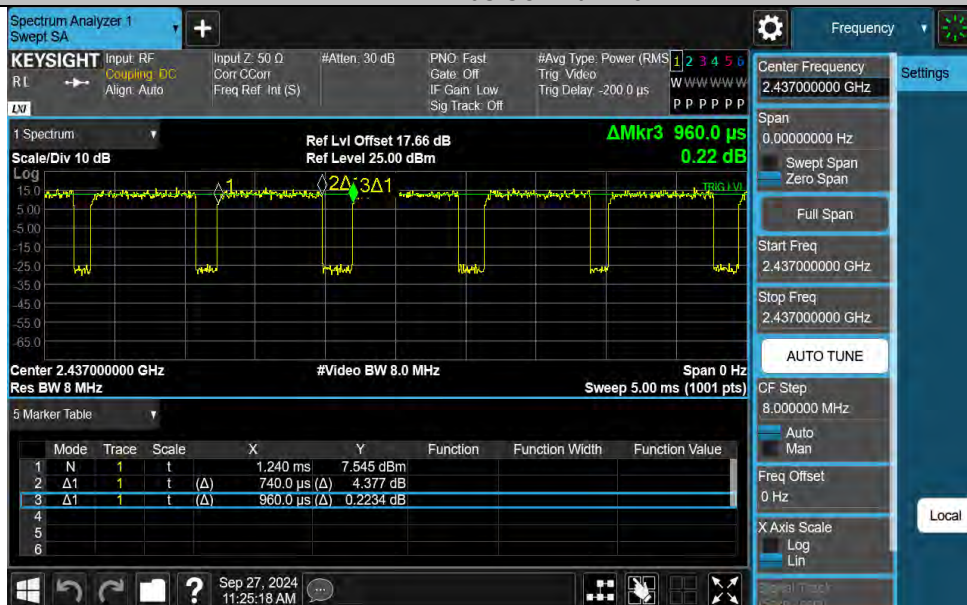
NTNV-11N40SISO-Ant1-2437



NTNV-11AX20SISO-Ant1-2437



NTNV-11AX40SISO-Ant1-2437

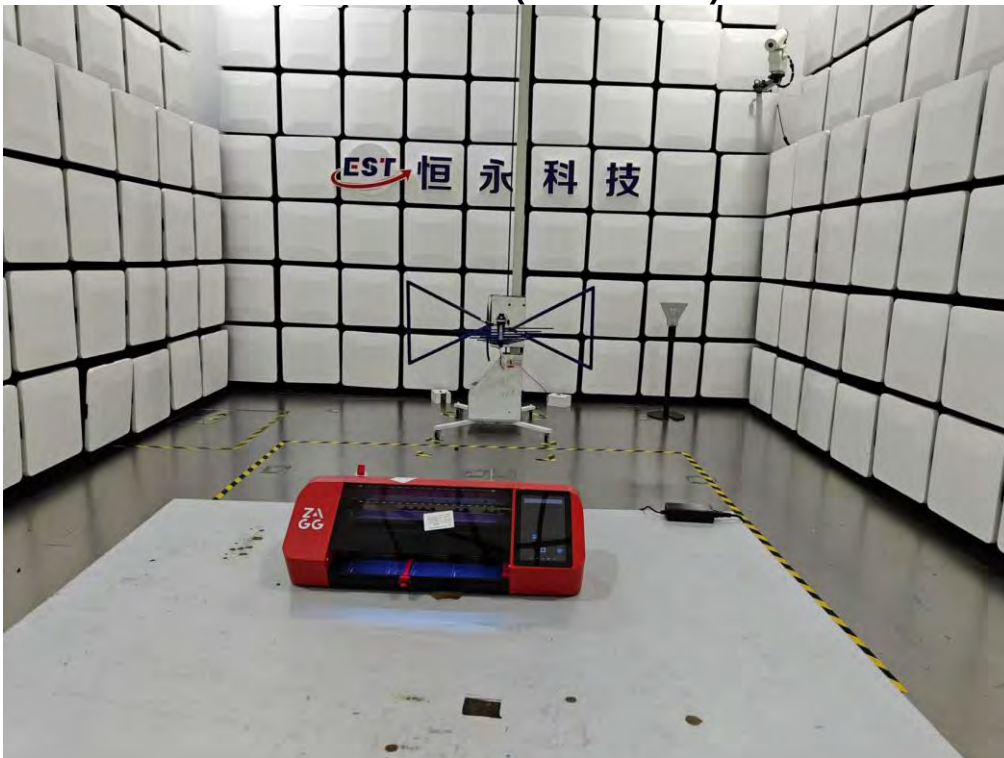


12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)

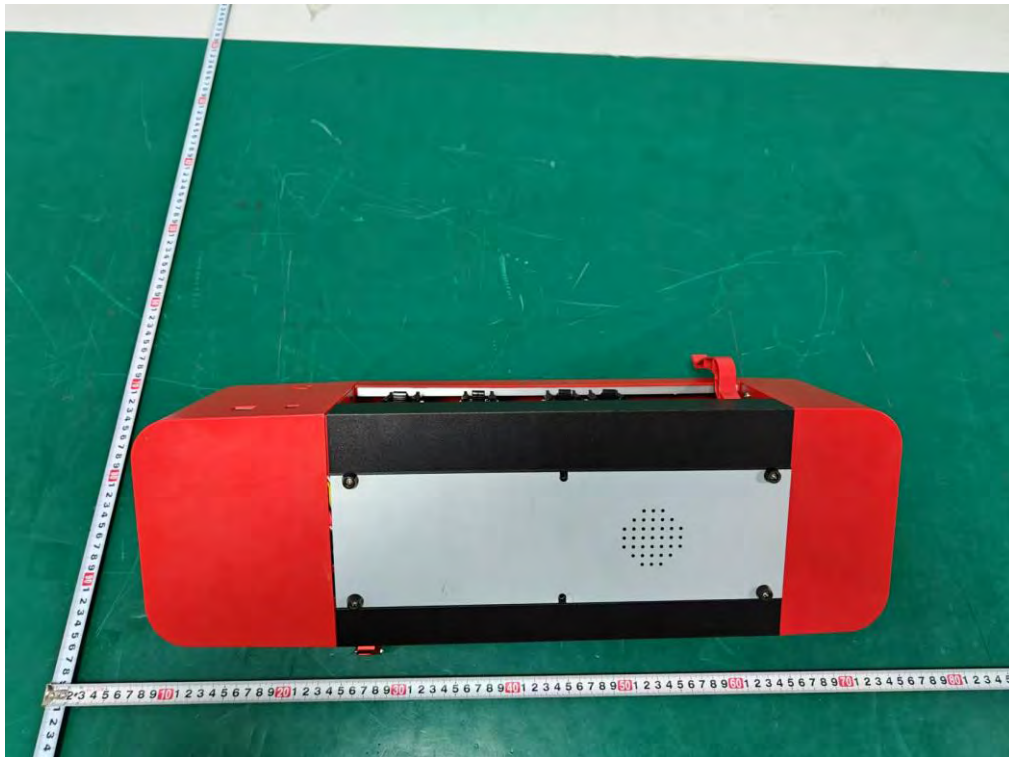


13. EUT PHOTO

External Photos M/N: ISOD-ML2



External Photos
M/N: ISOD-ML2



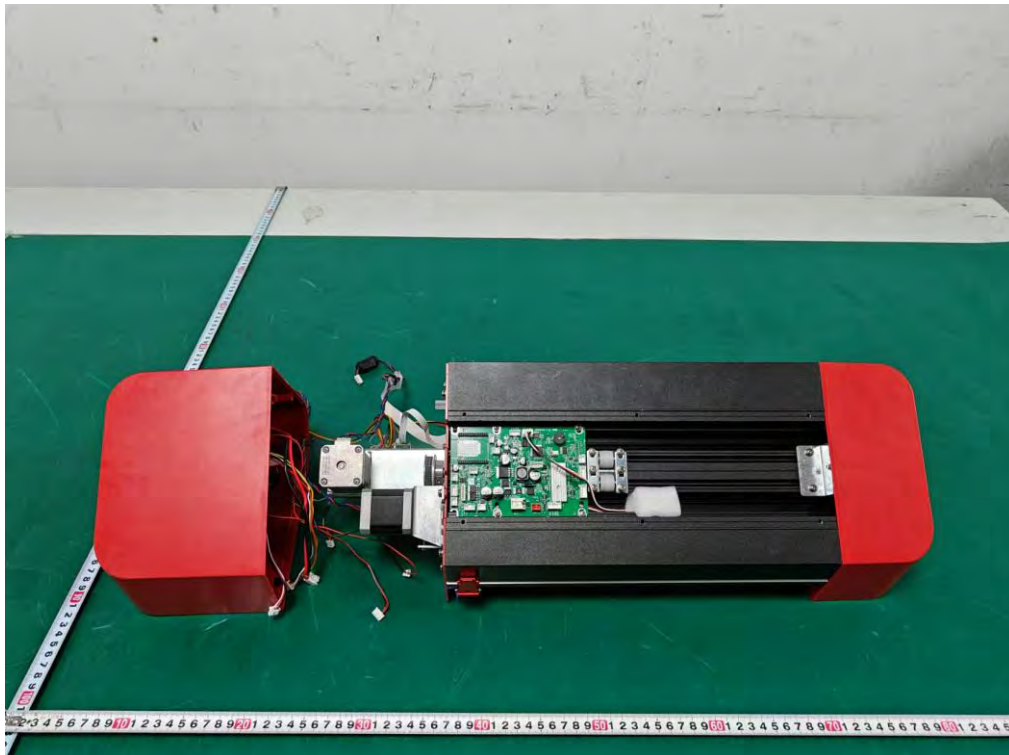
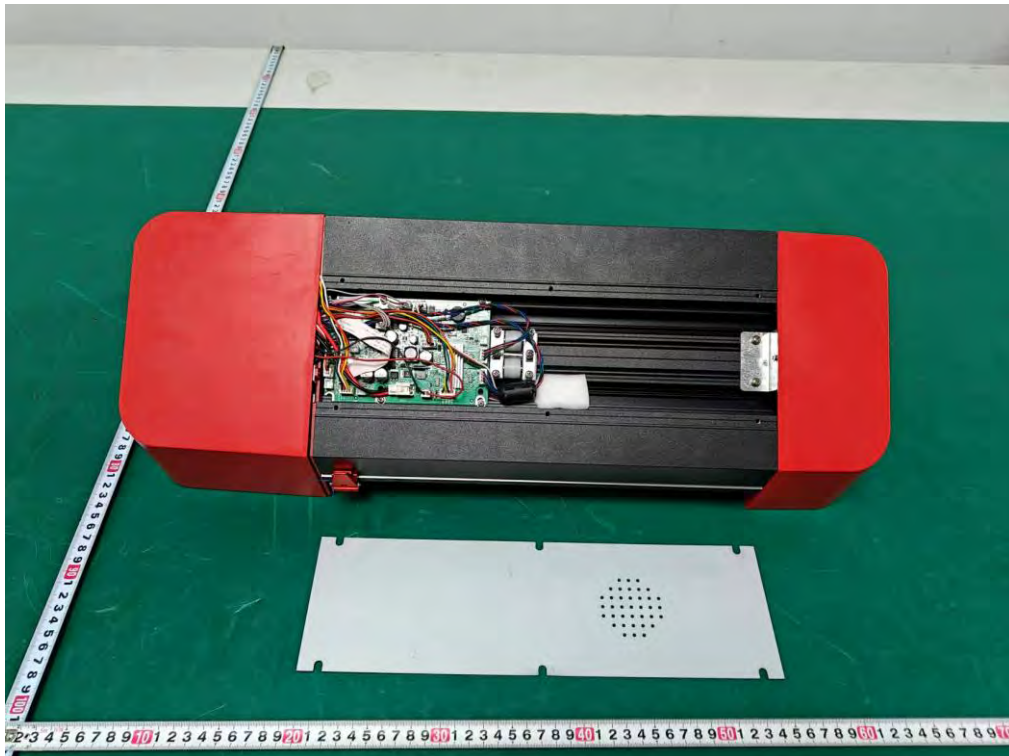
External Photos
M/N: ISOD-ML2



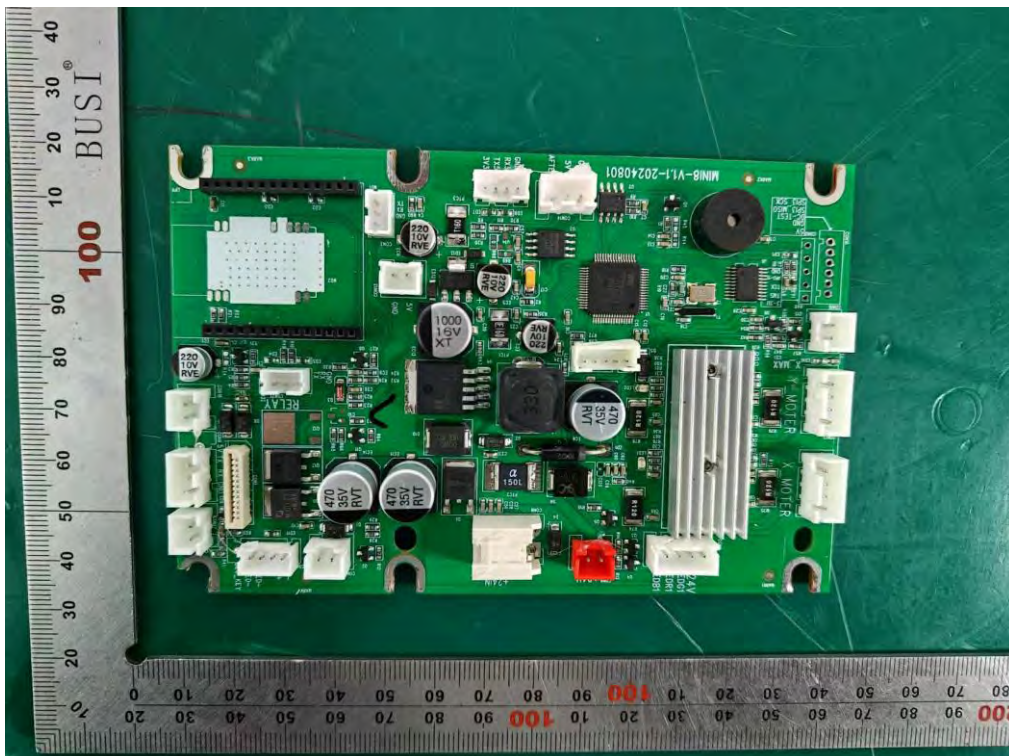
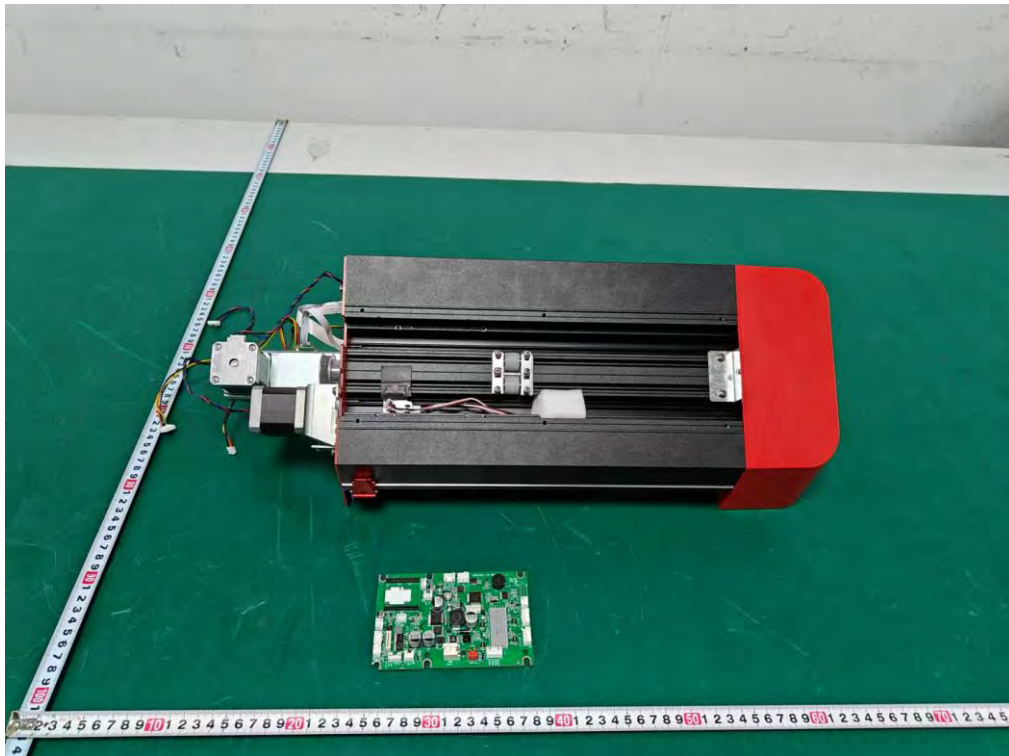
External Photos
M/N: ISOD-ML2



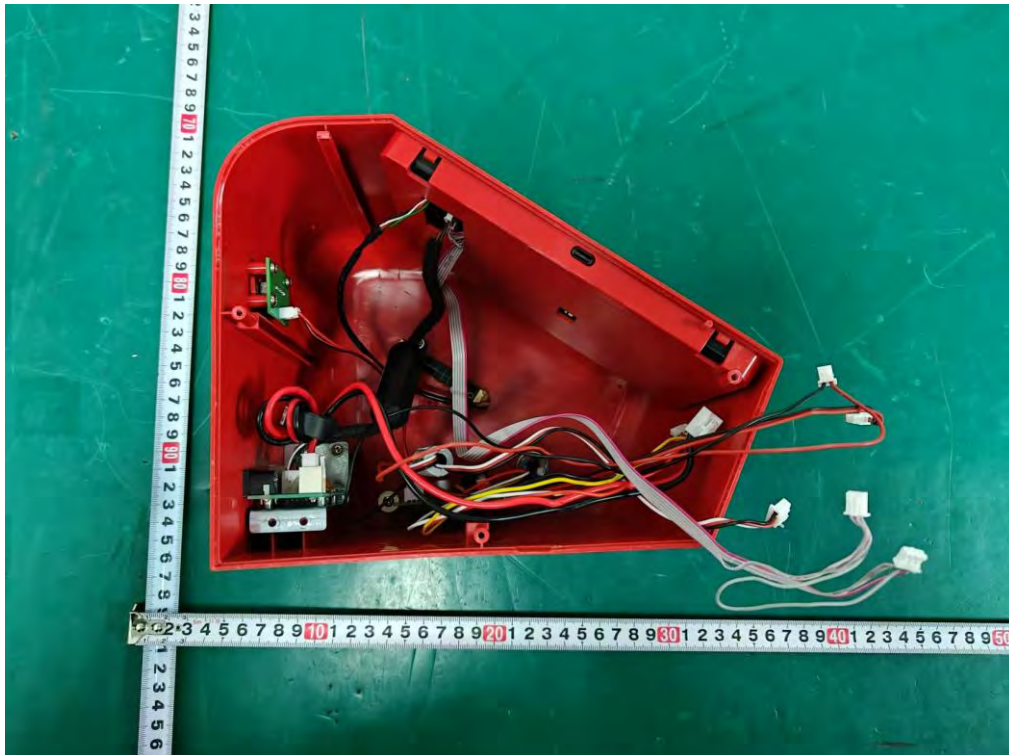
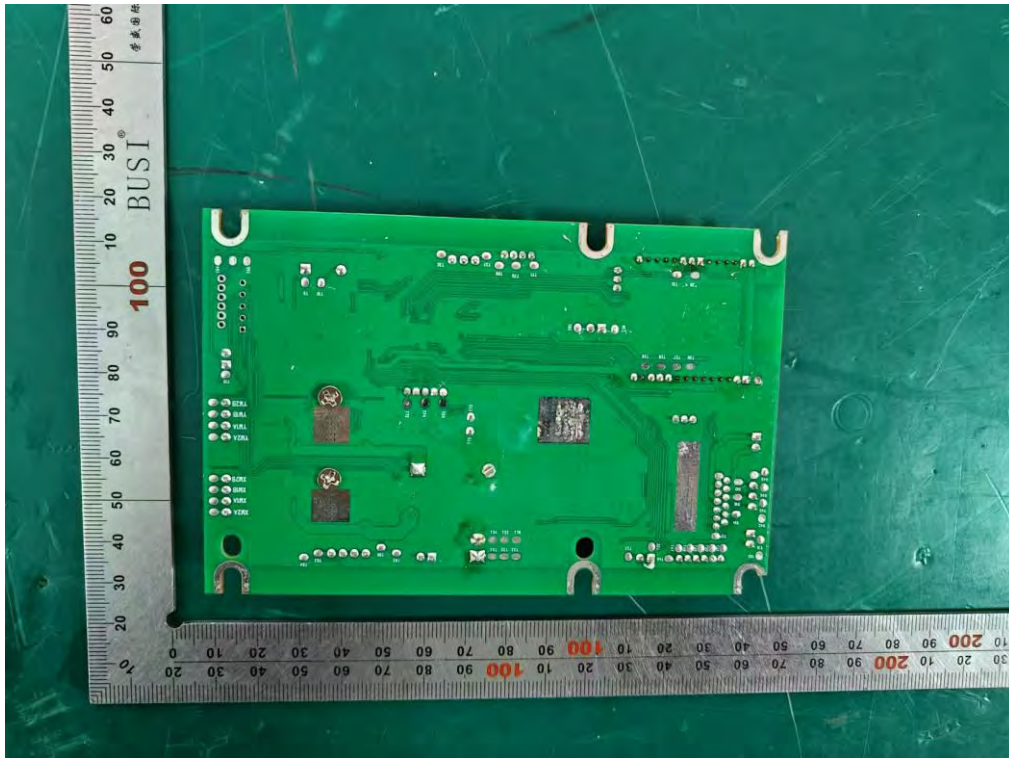
Internal Photos M/N: ISOD-ML2



Internal Photos
M/N: ISOD-ML2

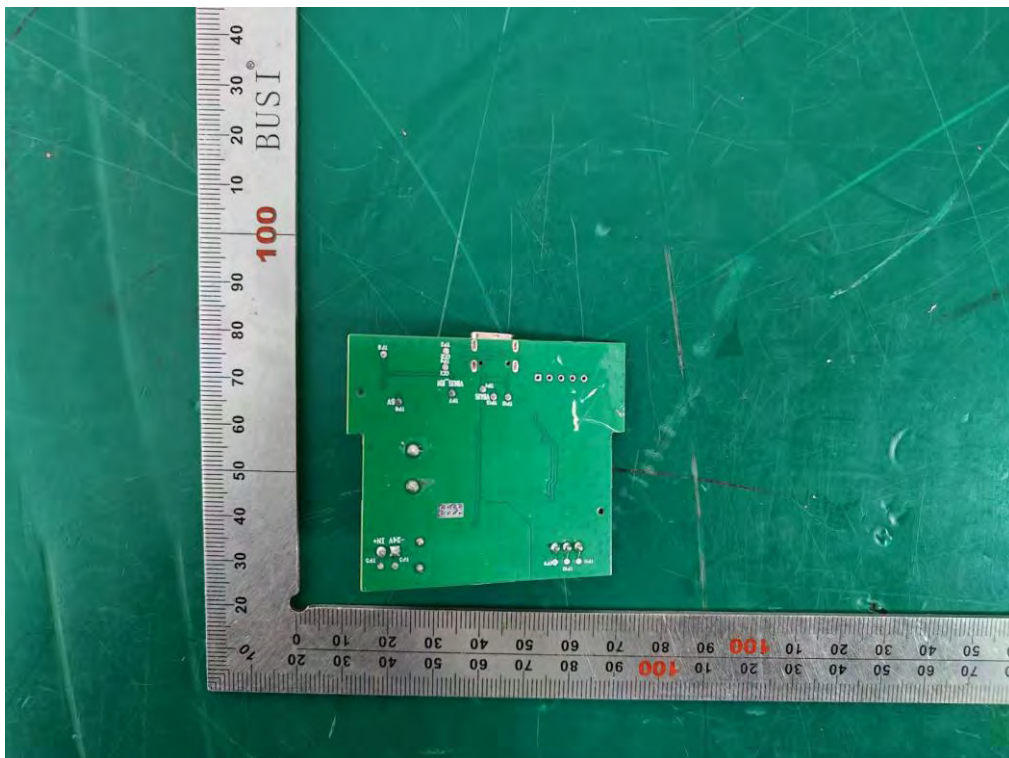
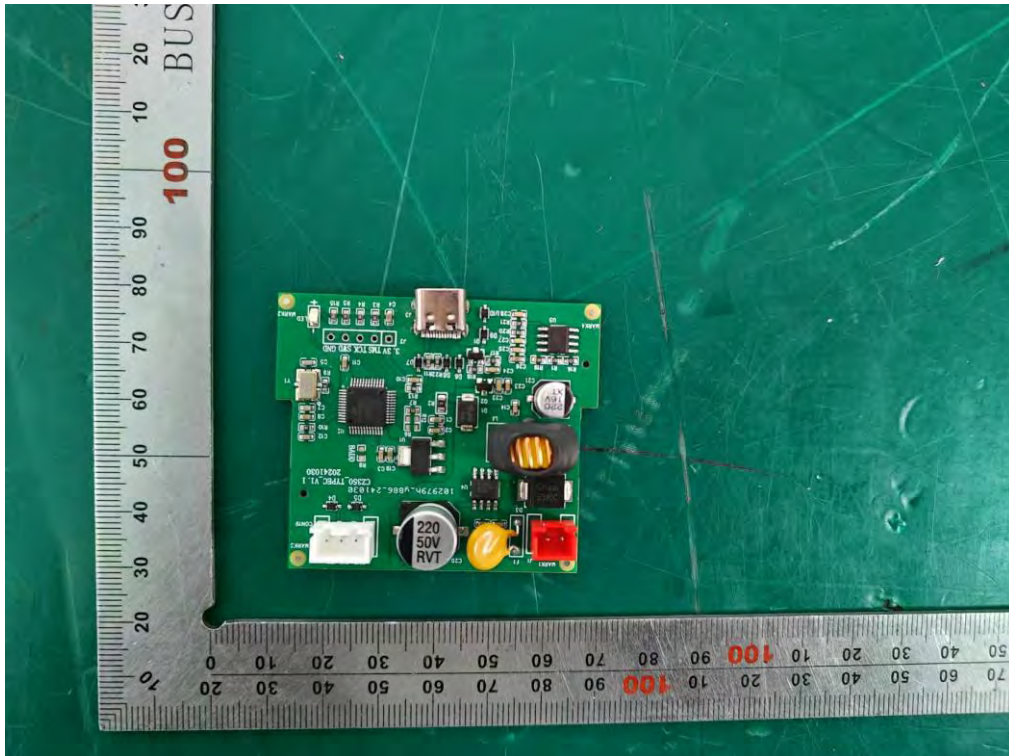


Internal Photos M/N: ISOD-ML2

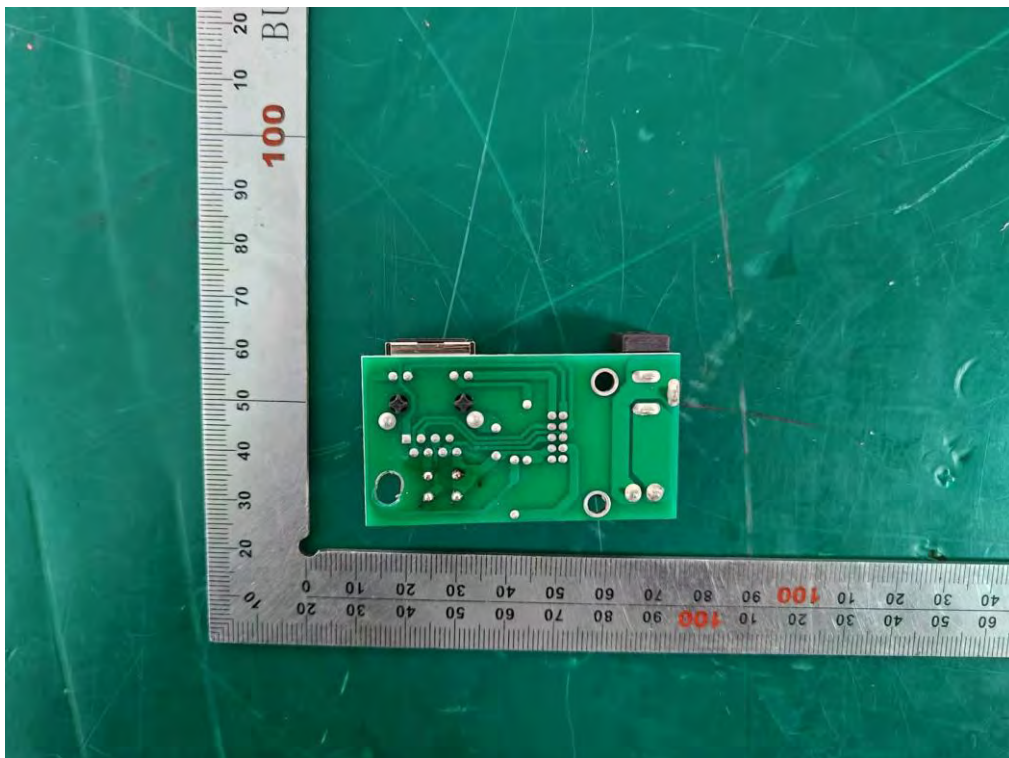
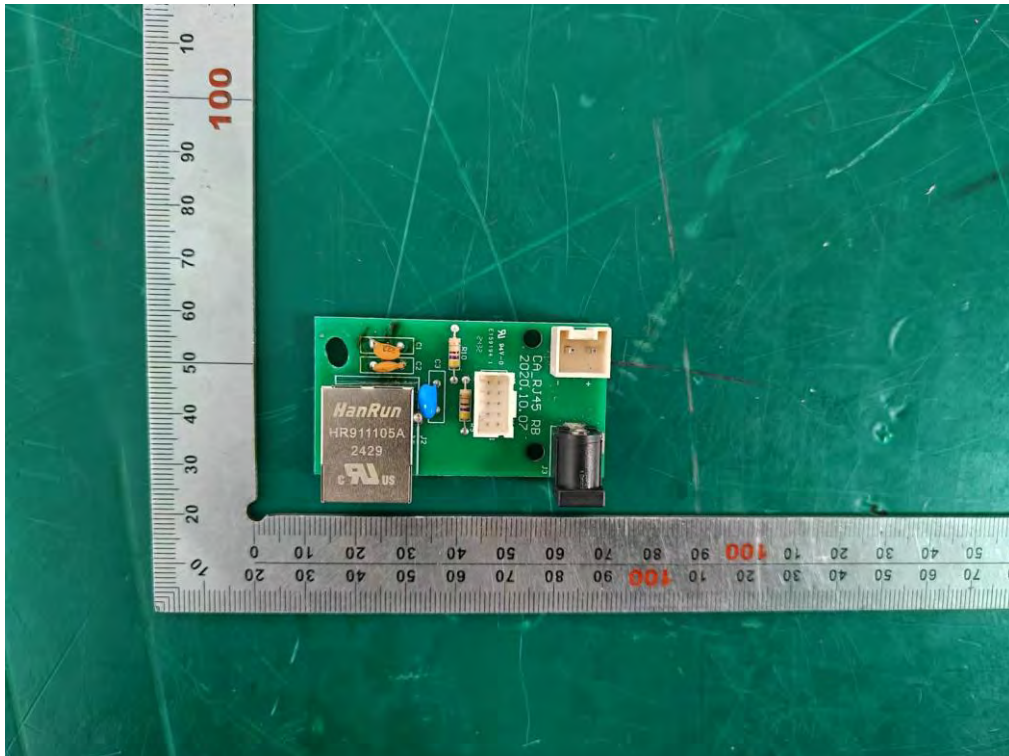


Internal Photos

M/N: ISOD-ML2



Internal Photos M/N: ISOD-ML2



Internal Photos M/N: ISOD-ML2

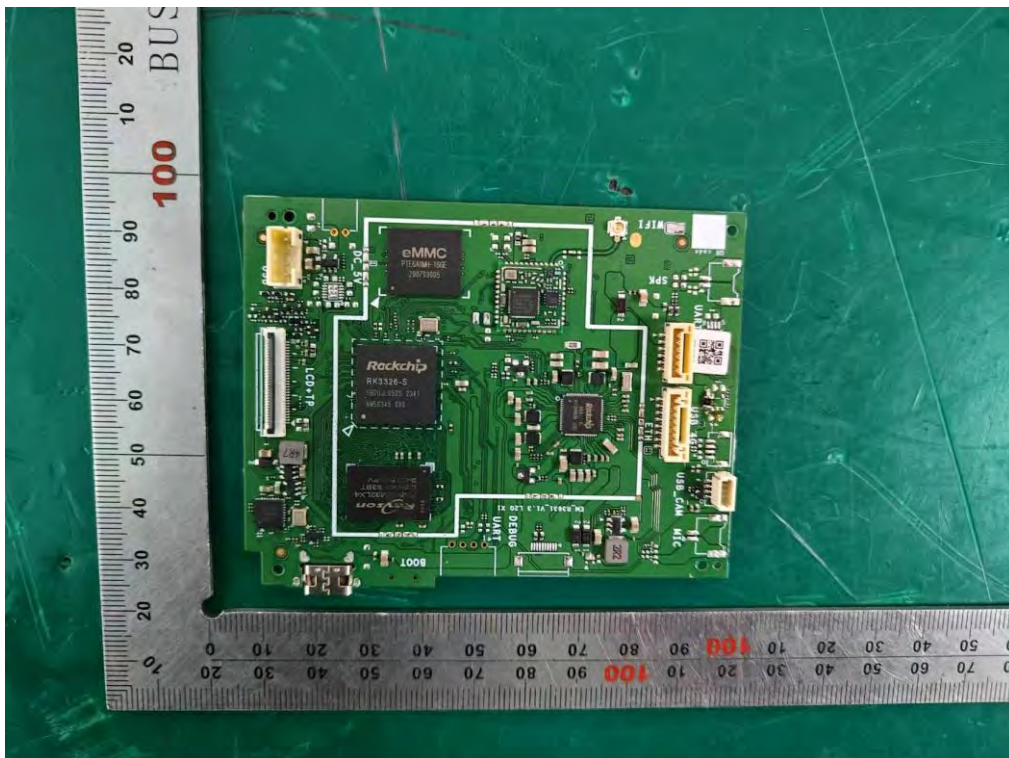


Internal Photos M/N: ISOD-ML2



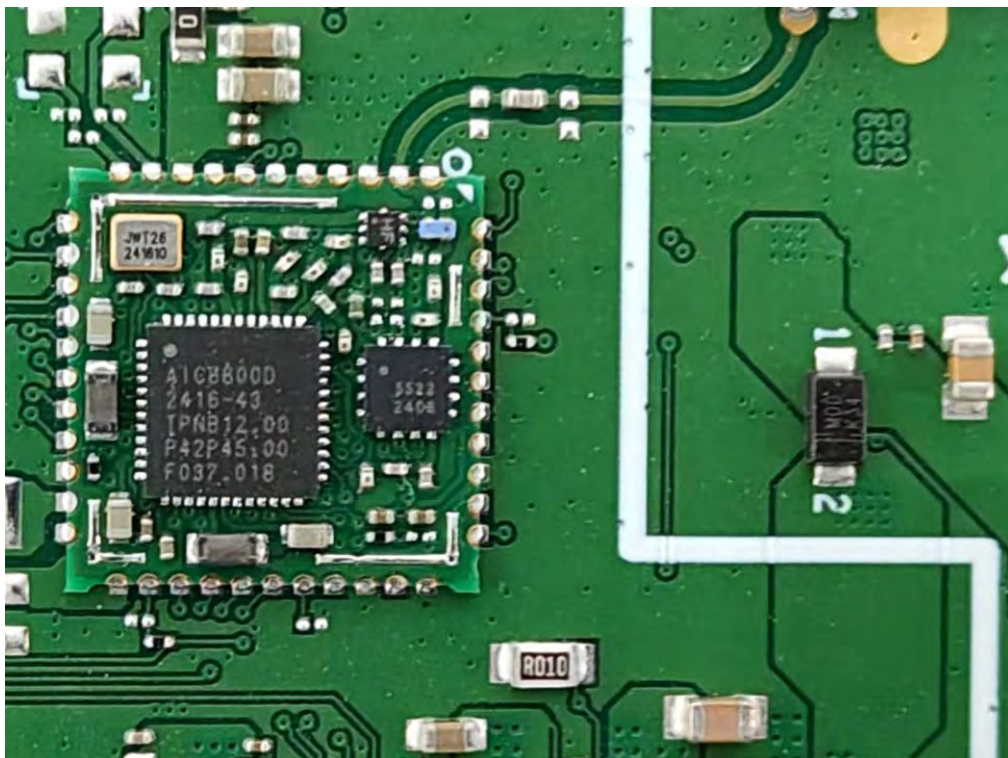
Internal Photos

M/N: ISOD-ML2



Internal Photos

M/N: ISOD-ML2



End of Test Report