

Appendix E: Reference level measurement

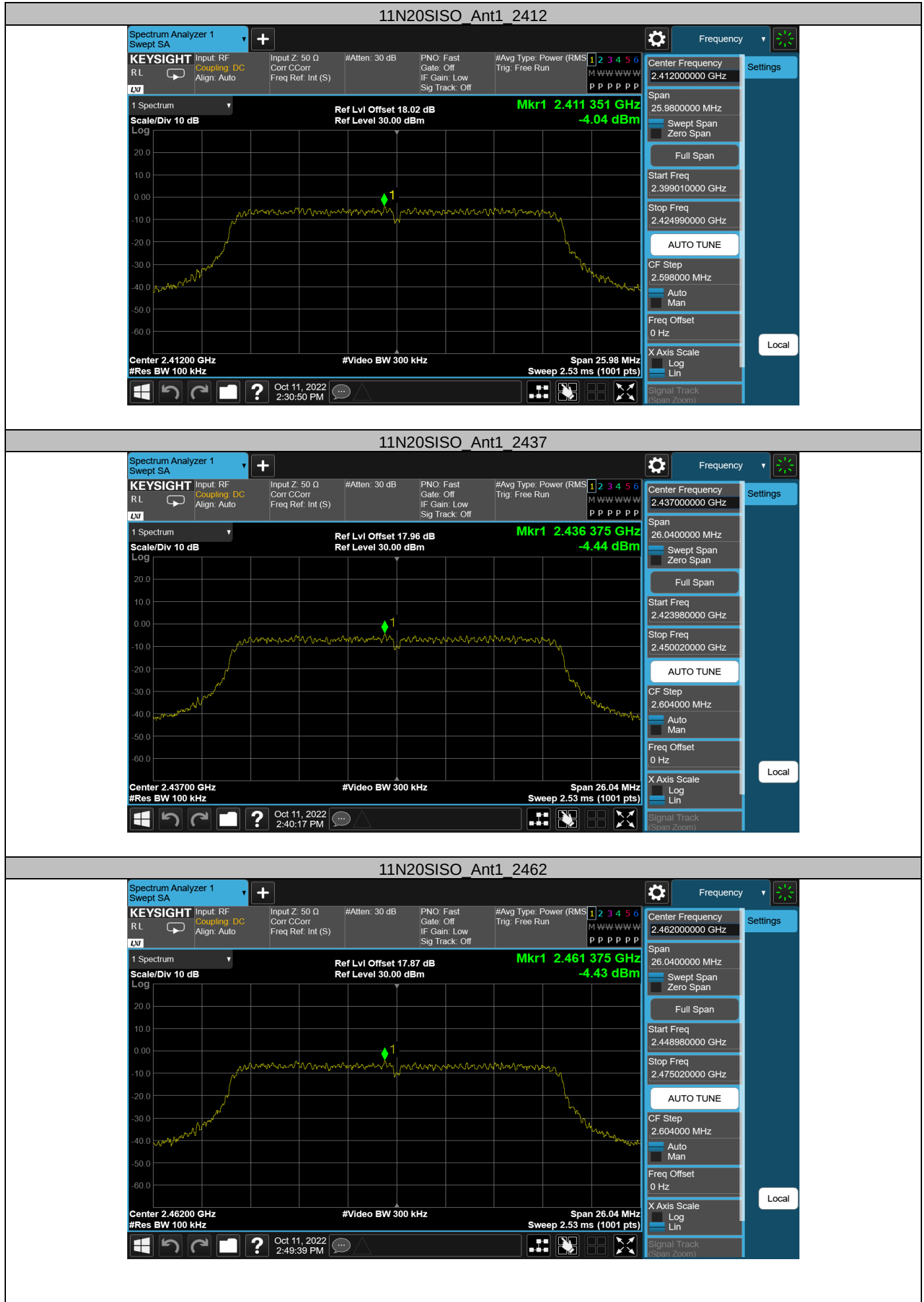
Test Result

Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2412.49	1.97
		2437	2436.50	1.78
		2462	2461.51	2.13
11G	Ant1	2412	2418.89	-3.92
		2437	2443.89	-4.22
		2462	2468.88	-4.46
11N20SISO	Ant1	2412	2411.35	-4.04
		2437	2436.38	-4.44
		2462	2461.38	-4.43
11N40SISO	Ant1	2422	2432.63	-8.20
		2437	2428.24	-8.56
		2452	2444.21	-8.43

Test Graphs







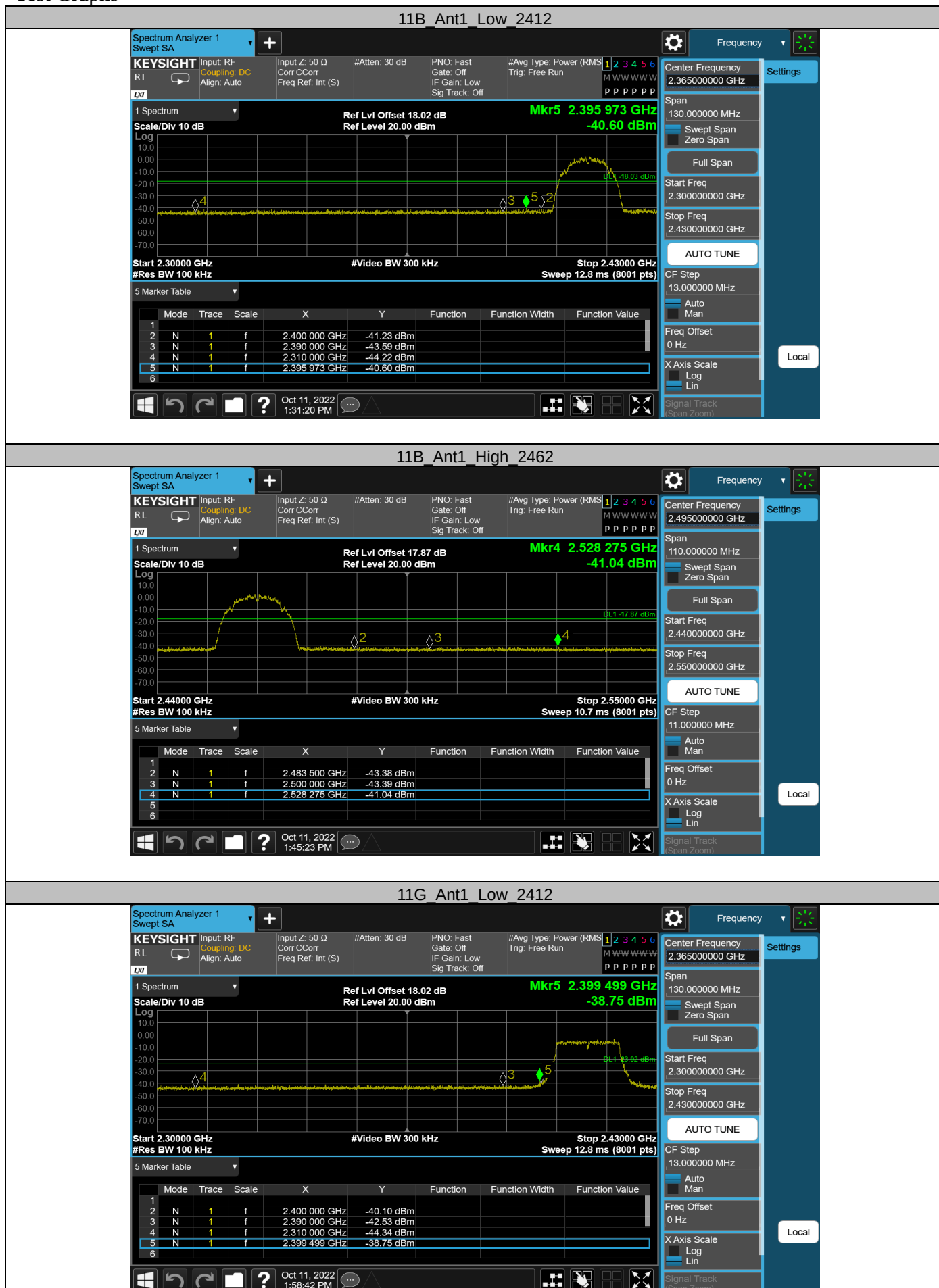


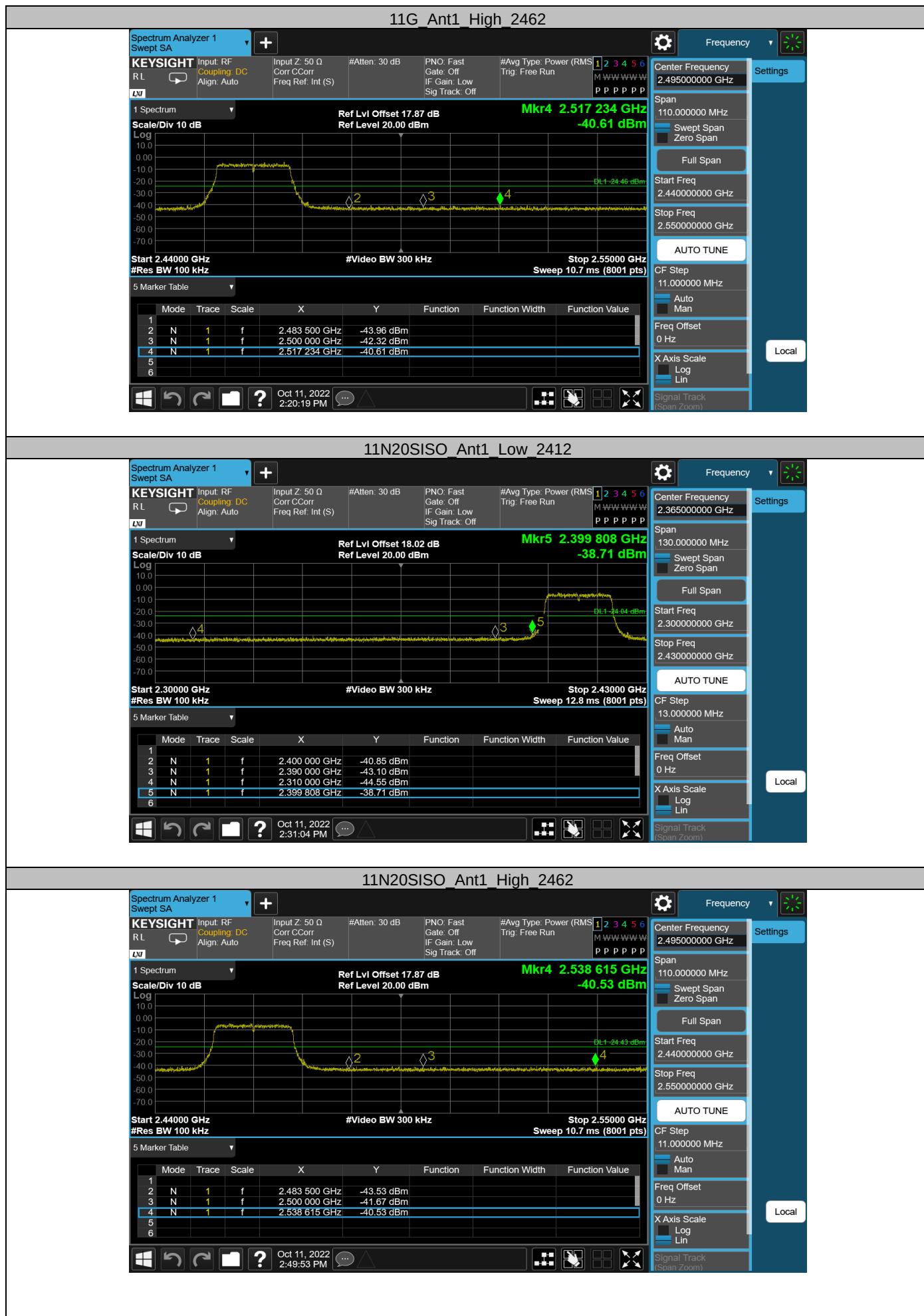
Appendix F: Band edge measurements

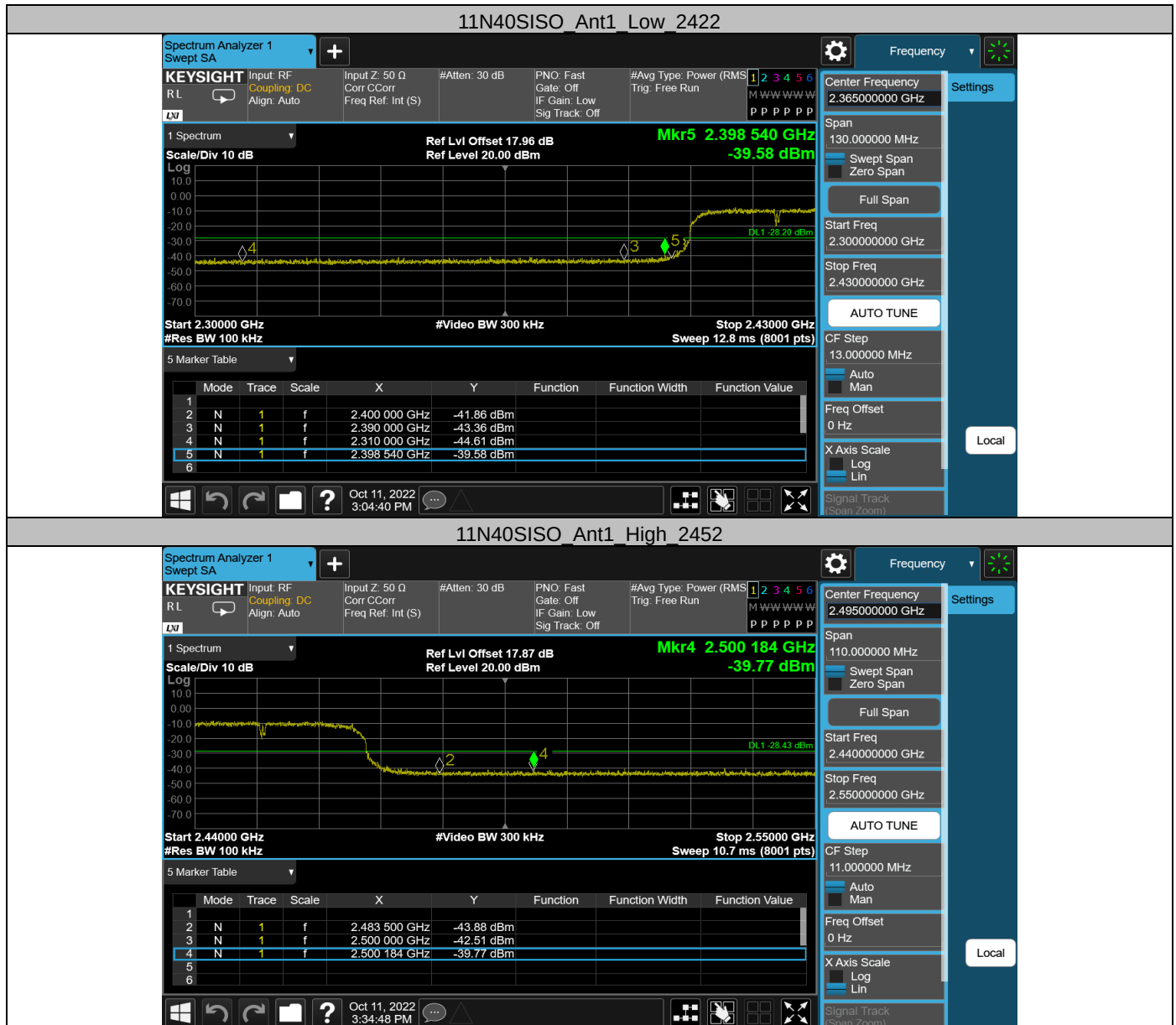
Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	1.97	-40.6	≤ -18.03	PASS
		High	2462	2.13	-41.04	≤ -17.87	PASS
11G	Ant1	Low	2412	-3.92	-38.75	≤ -23.92	PASS
		High	2462	-4.46	-40.61	≤ -24.46	PASS
11N20SISO	Ant1	Low	2412	-4.04	-38.71	≤ -24.04	PASS
		High	2462	-4.43	-40.53	≤ -24.43	PASS
11N40SISO	Ant1	Low	2422	-8.20	-39.58	≤ -28.2	PASS
		High	2452	-8.43	-39.77	≤ -28.43	PASS

Test Graphs



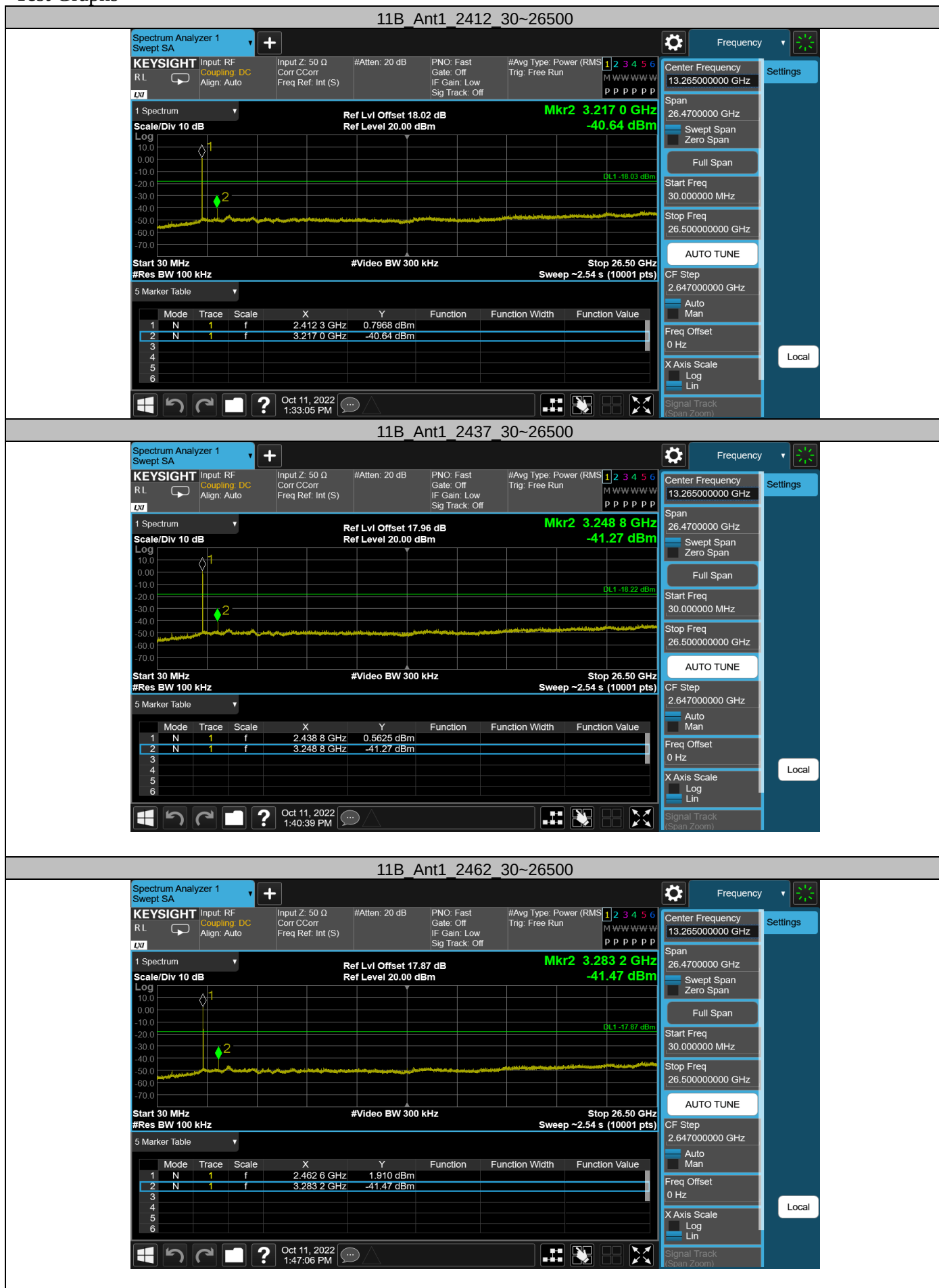


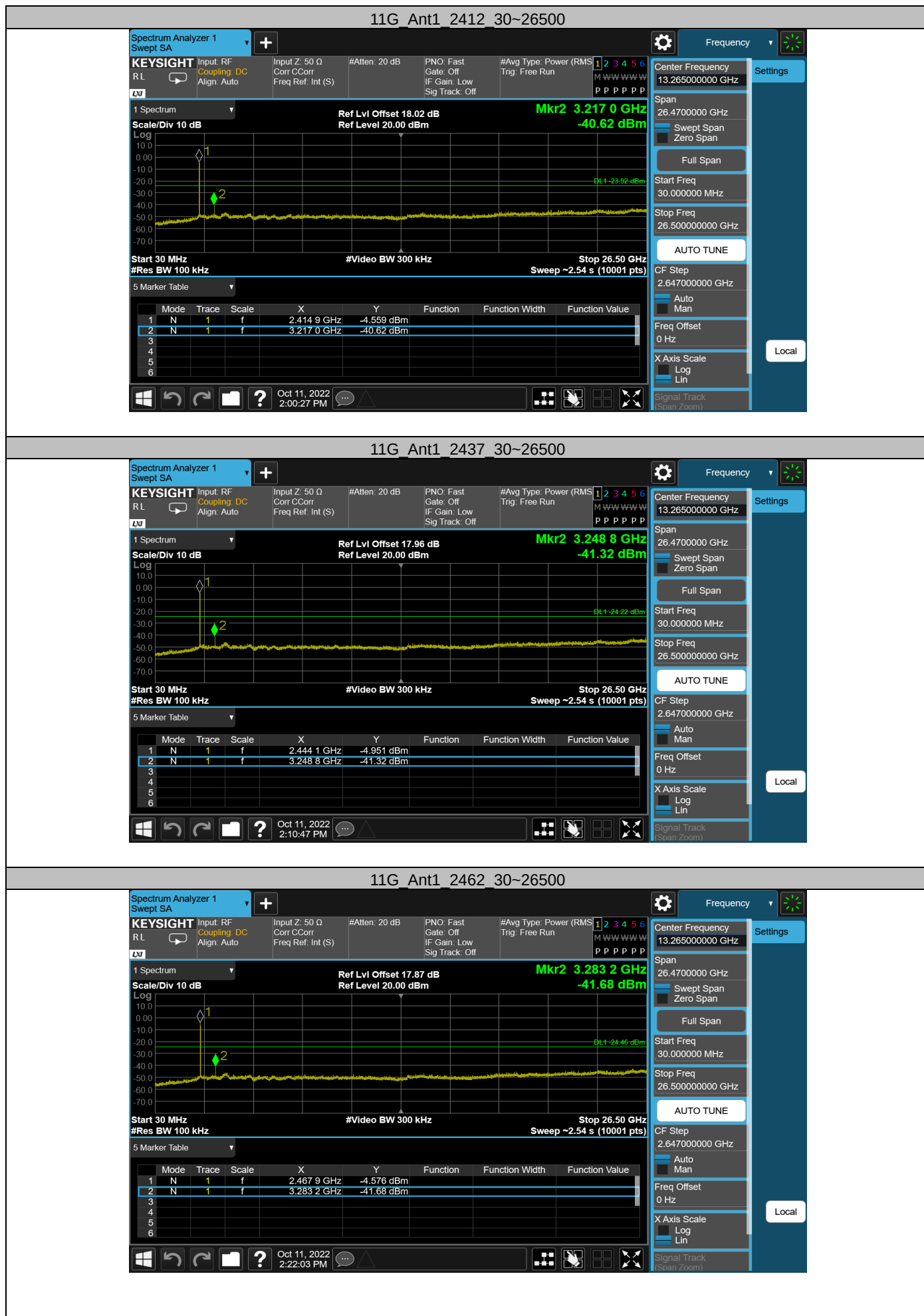


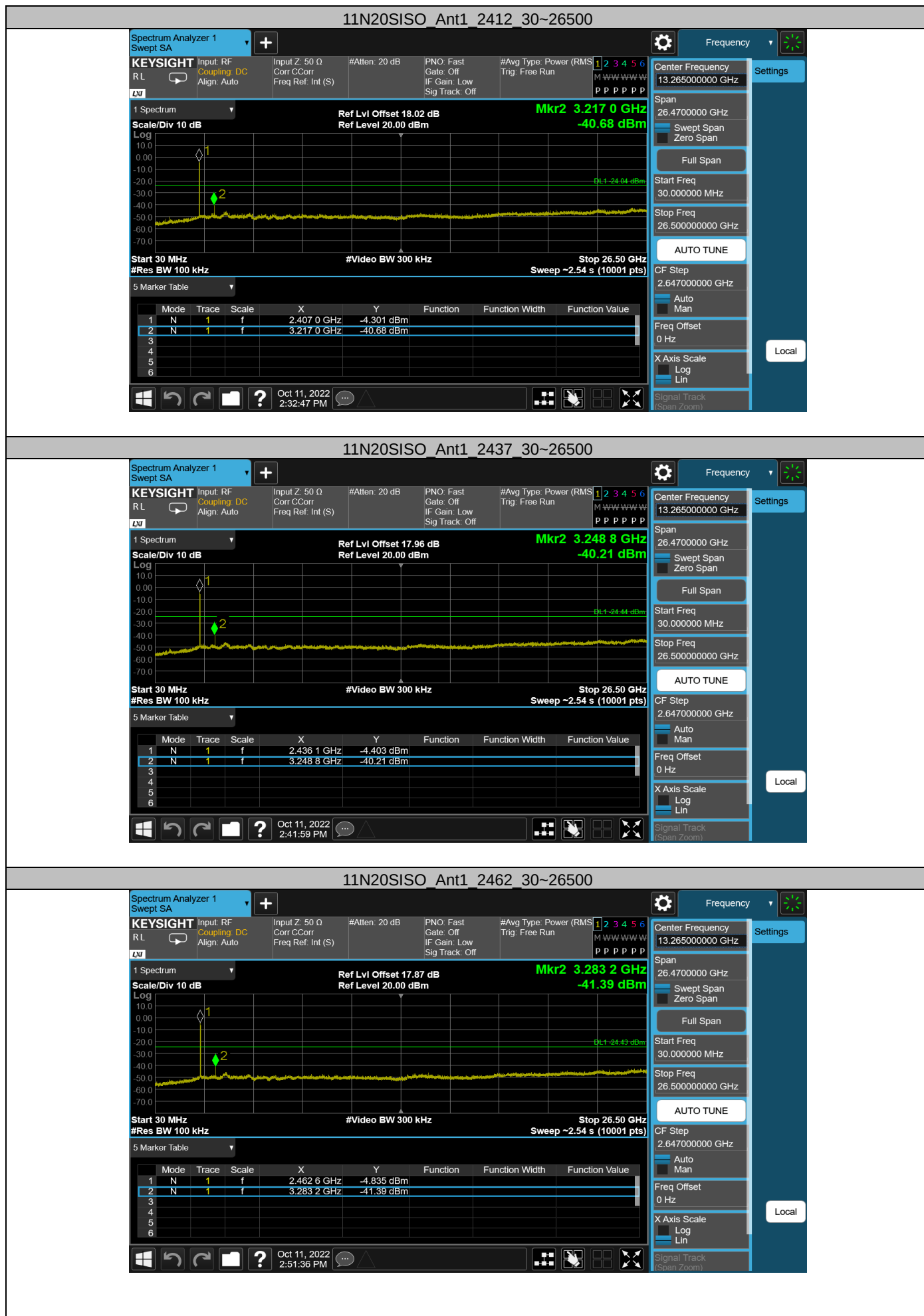
Appendix G: Conducted Spurious Emission Test Result

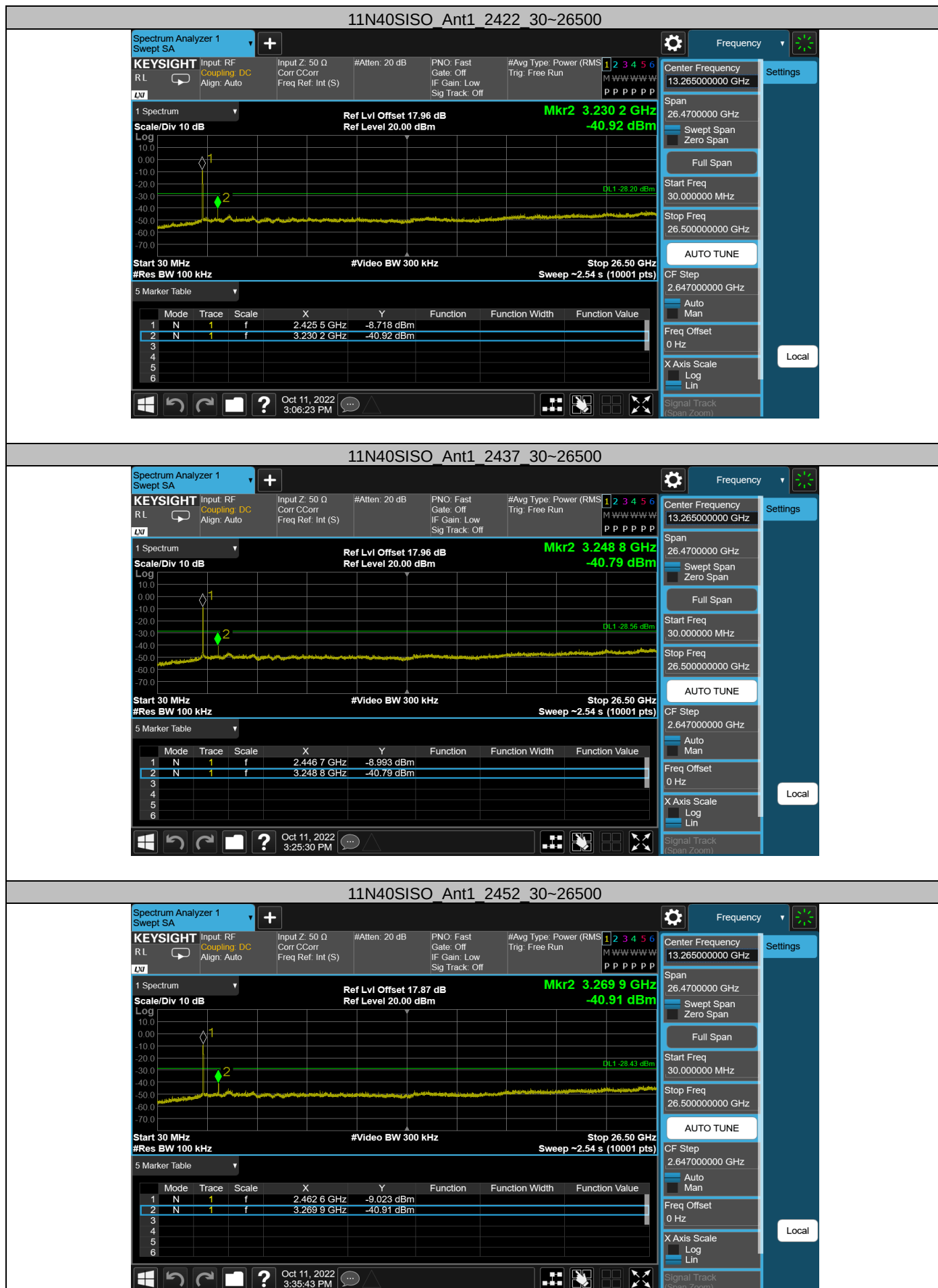
Test Mode	Antenna	Frequency [MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	1.97	-40.64	≤ -18.03	PASS
		2437	30~26500	1.78	-41.27	≤ -18.22	PASS
		2462	30~26500	2.13	-41.47	≤ -17.87	PASS
11G	Ant1	2412	30~26500	-3.92	-40.62	≤ -23.92	PASS
		2437	30~26500	-4.22	-41.32	≤ -24.22	PASS
		2462	30~26500	-4.46	-41.68	≤ -24.46	PASS
11N20SISO	Ant1	2412	30~26500	-4.04	-40.68	≤ -24.04	PASS
		2437	30~26500	-4.44	-40.21	≤ -24.44	PASS
		2462	30~26500	-4.43	-41.39	≤ -24.43	PASS
11N40SISO	Ant1	2422	30~26500	-8.20	-40.92	≤ -28.2	PASS
		2437	30~26500	-8.56	-40.79	≤ -28.56	PASS
		2452	30~26500	-8.43	-40.92	≤ -28.43	PASS

Test Graphs



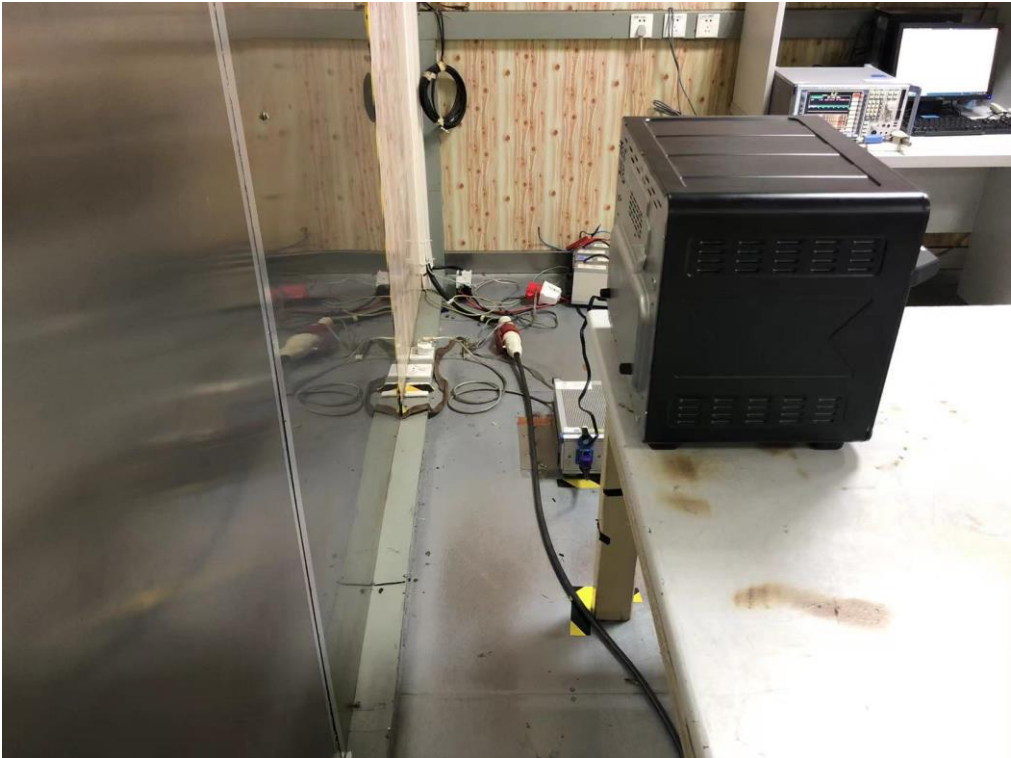
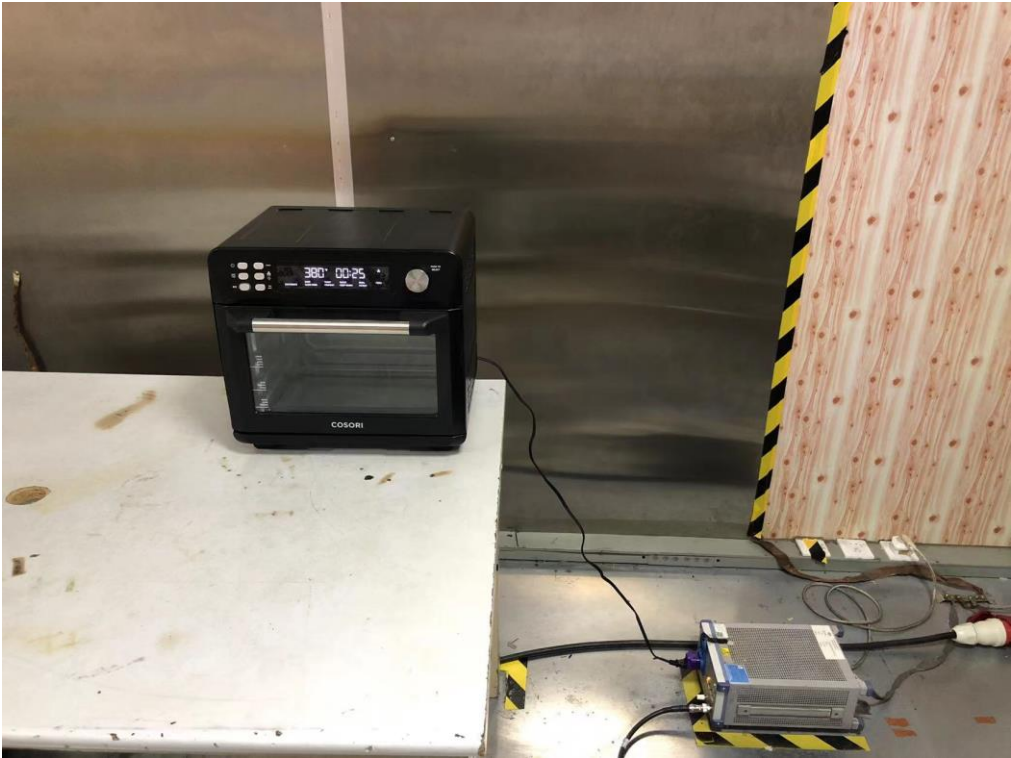




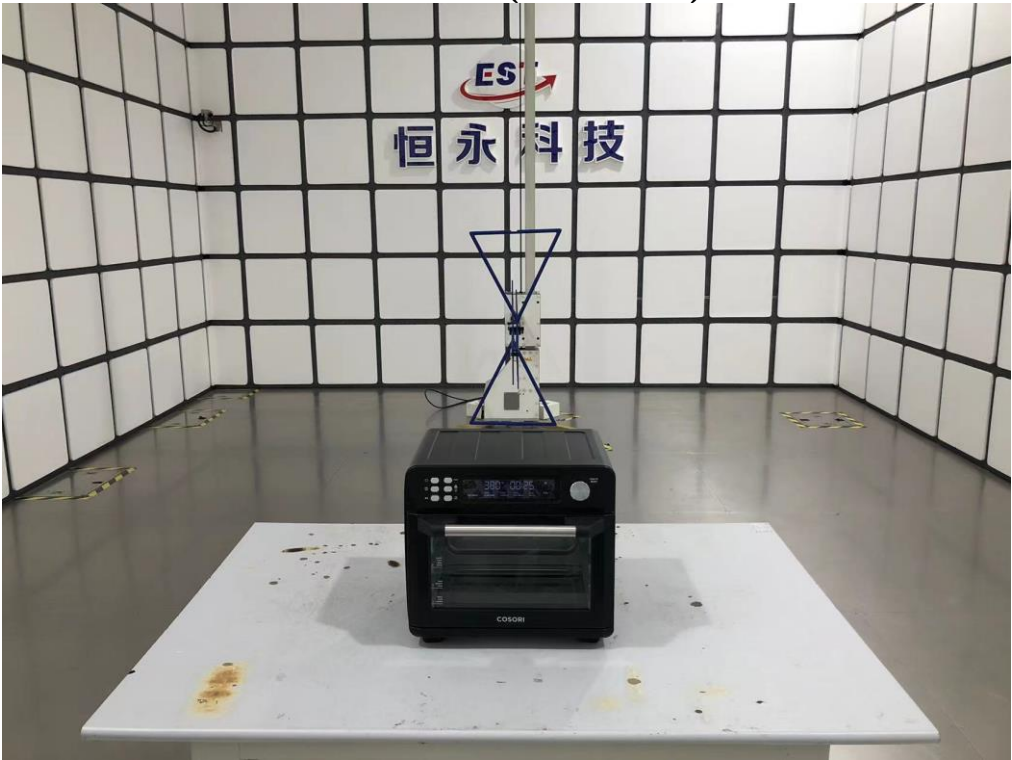


12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

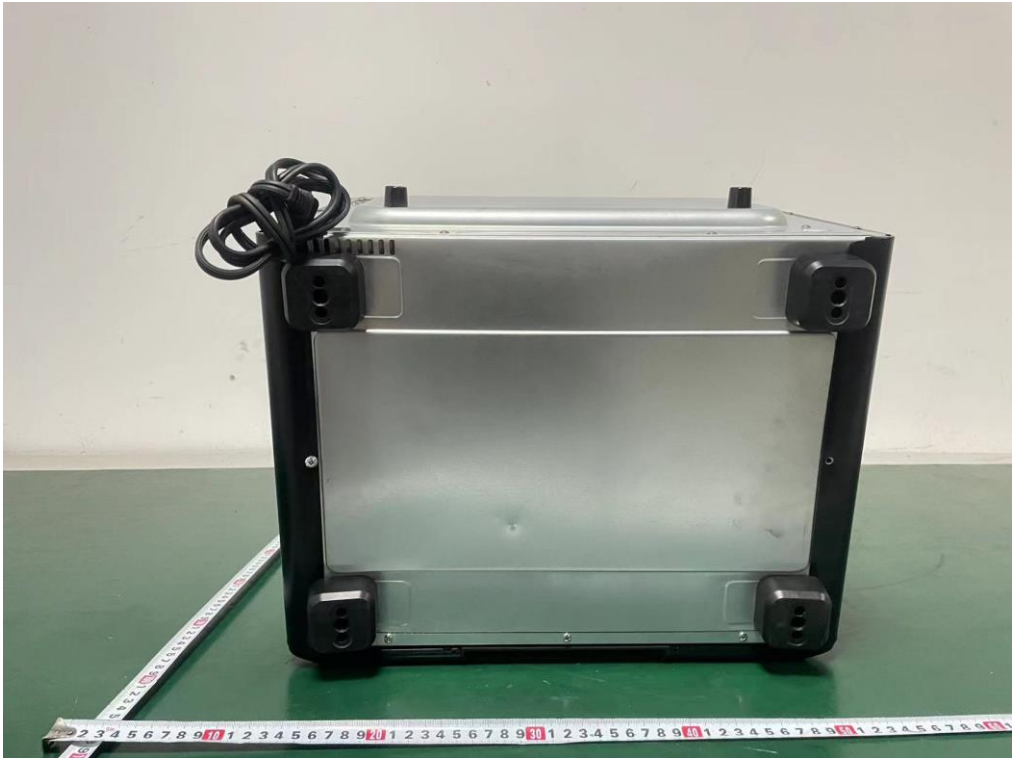
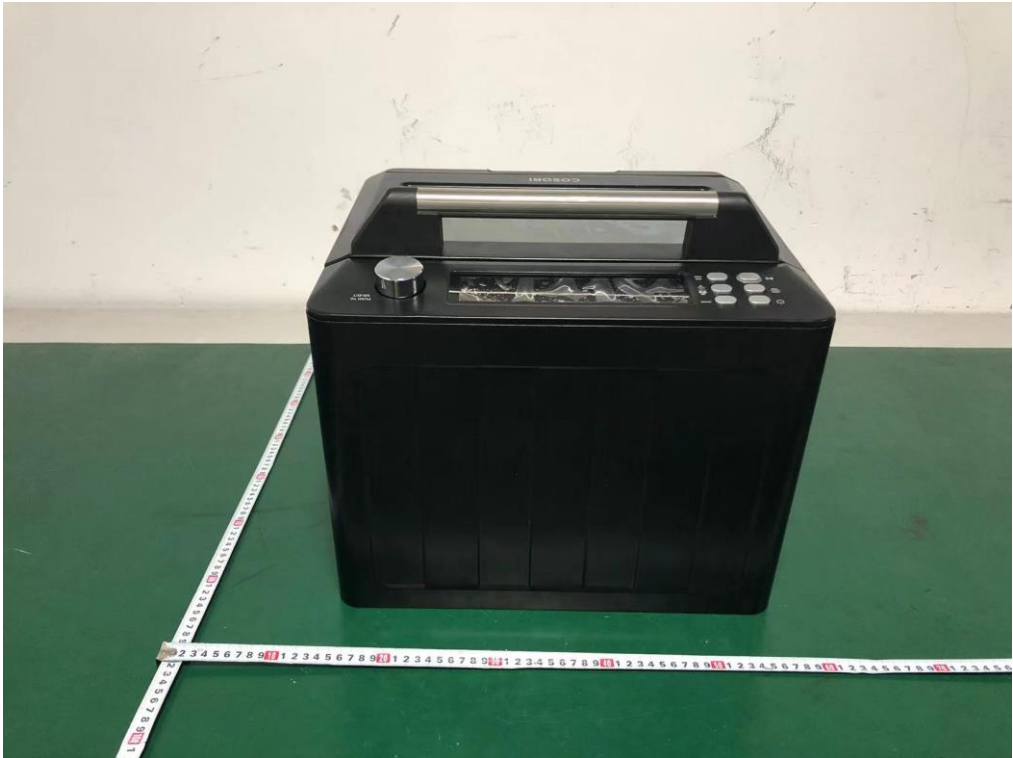
External Photos
M/N: CTO-R251S



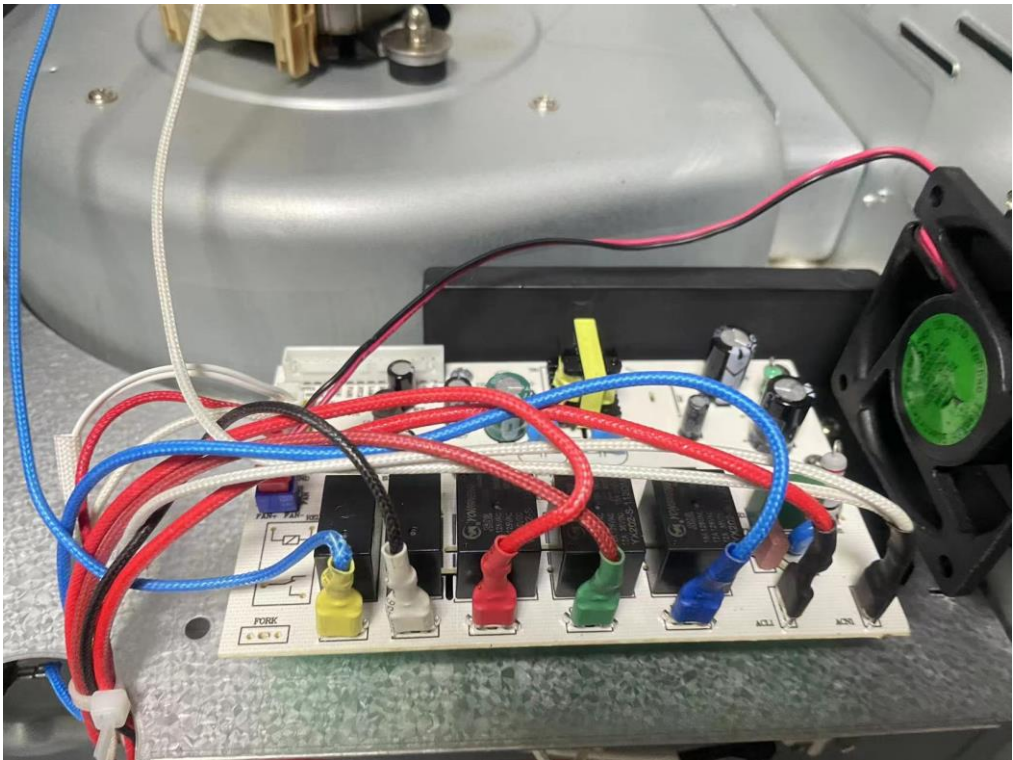
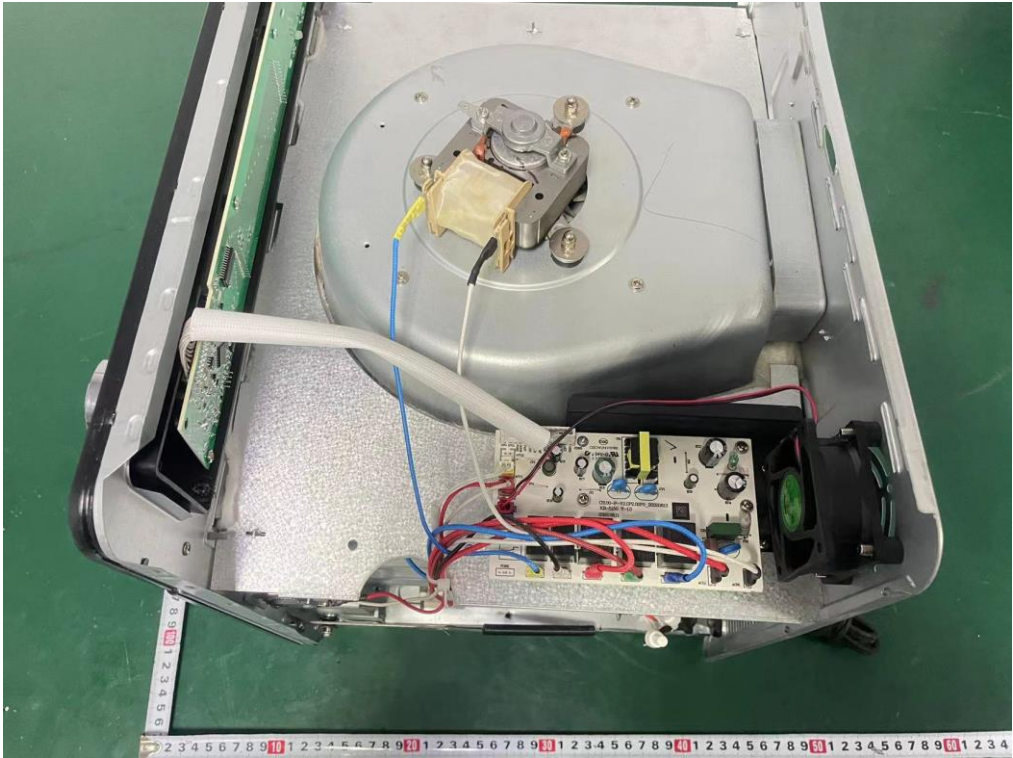
External Photos
M/N: CTO-R251S



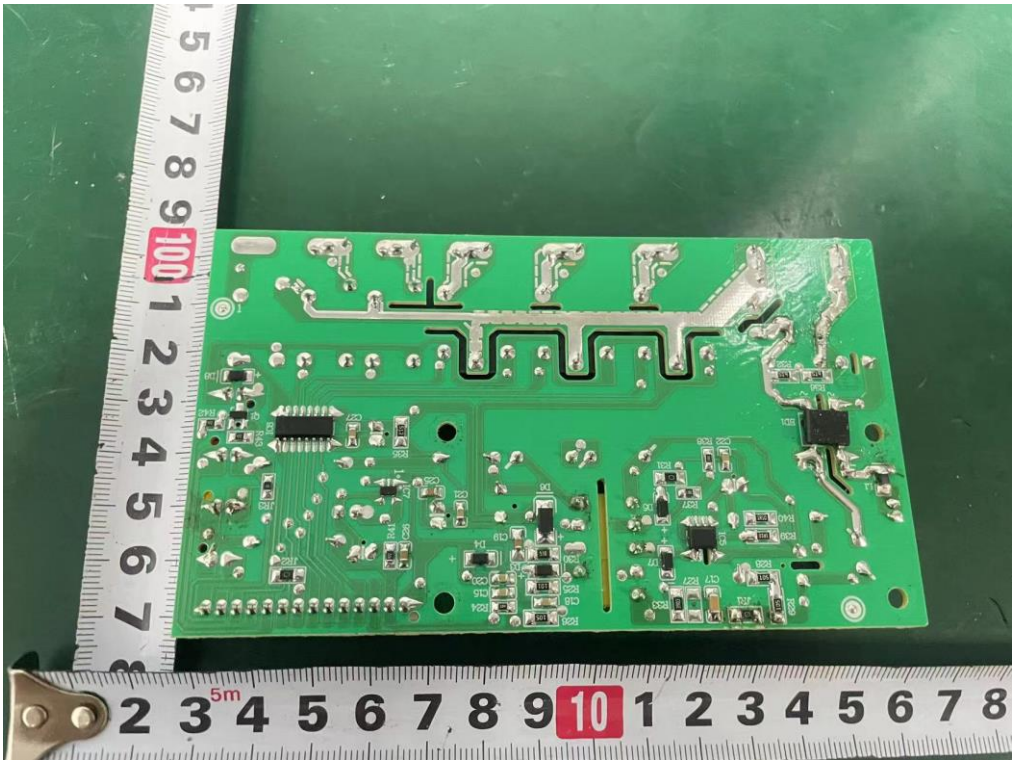
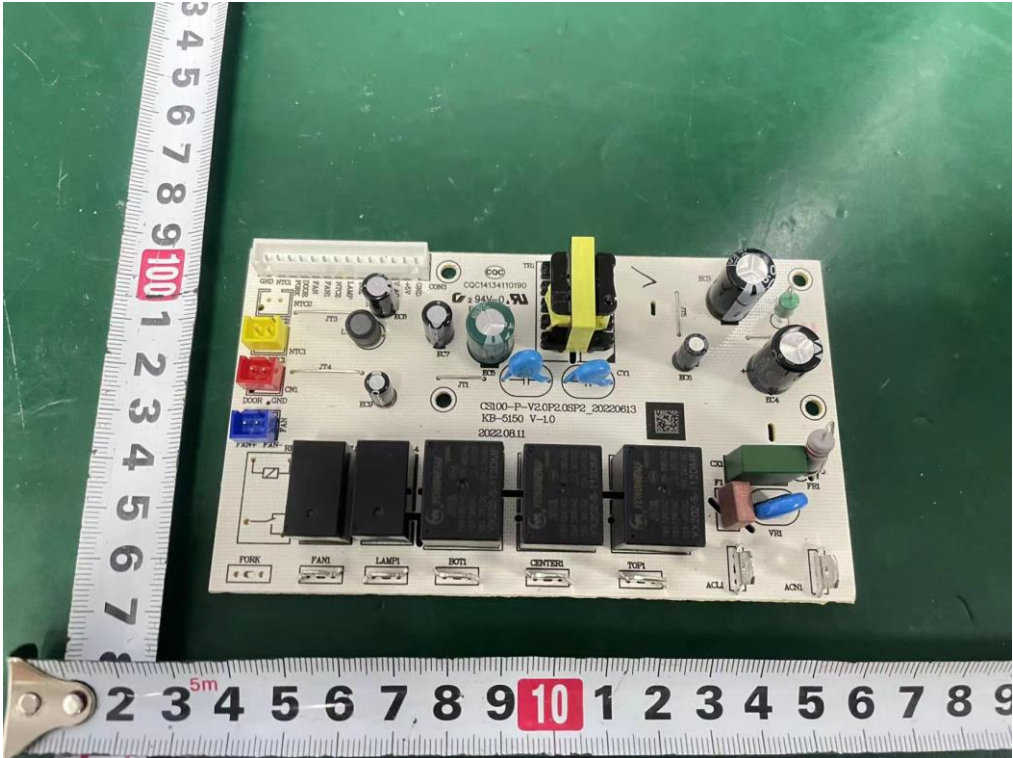
External Photos
M/N: CTO-R251S



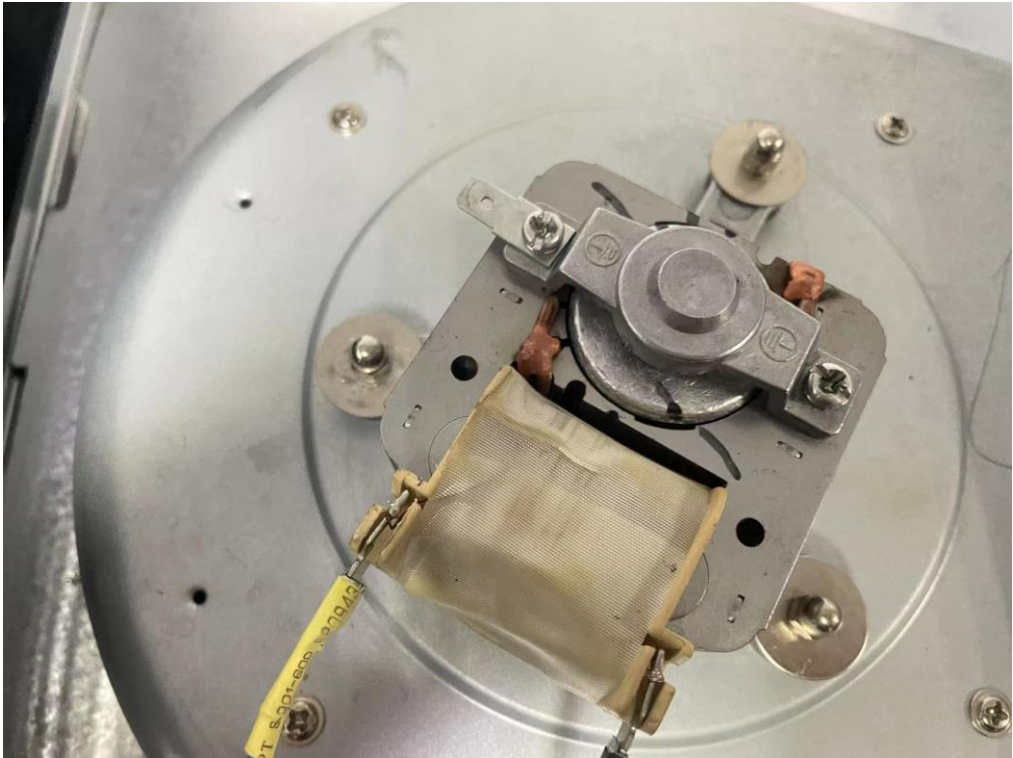
Internal Photos
M/N: CTO-R251S



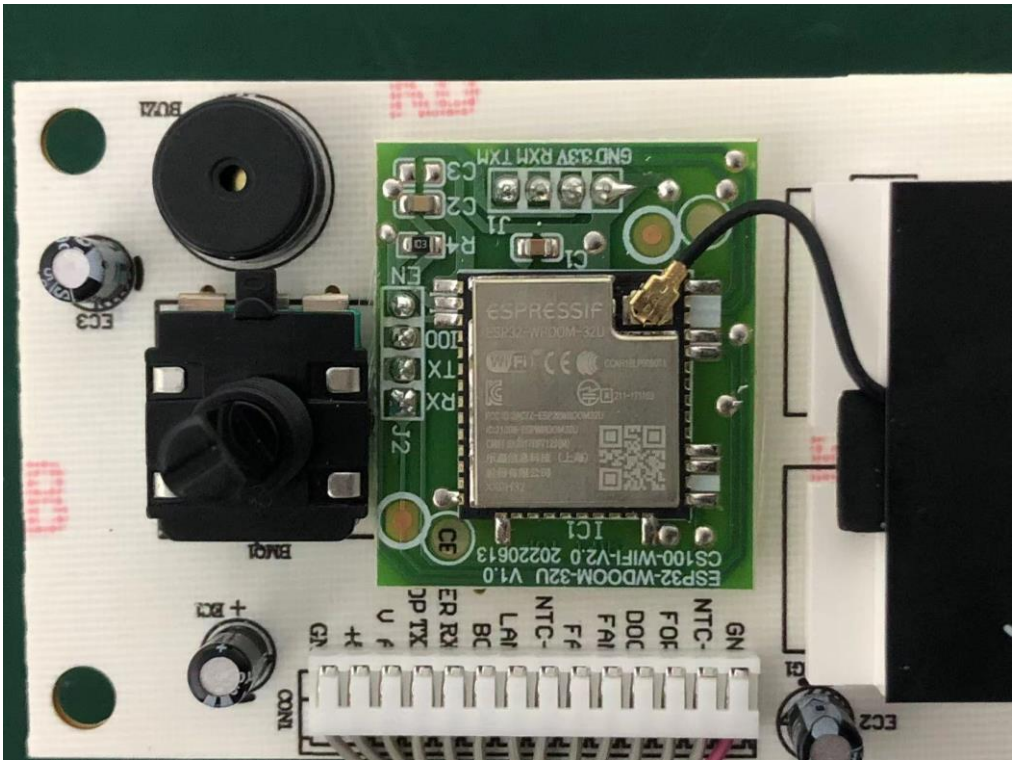
Internal Photos
M/N: CTO-R251S



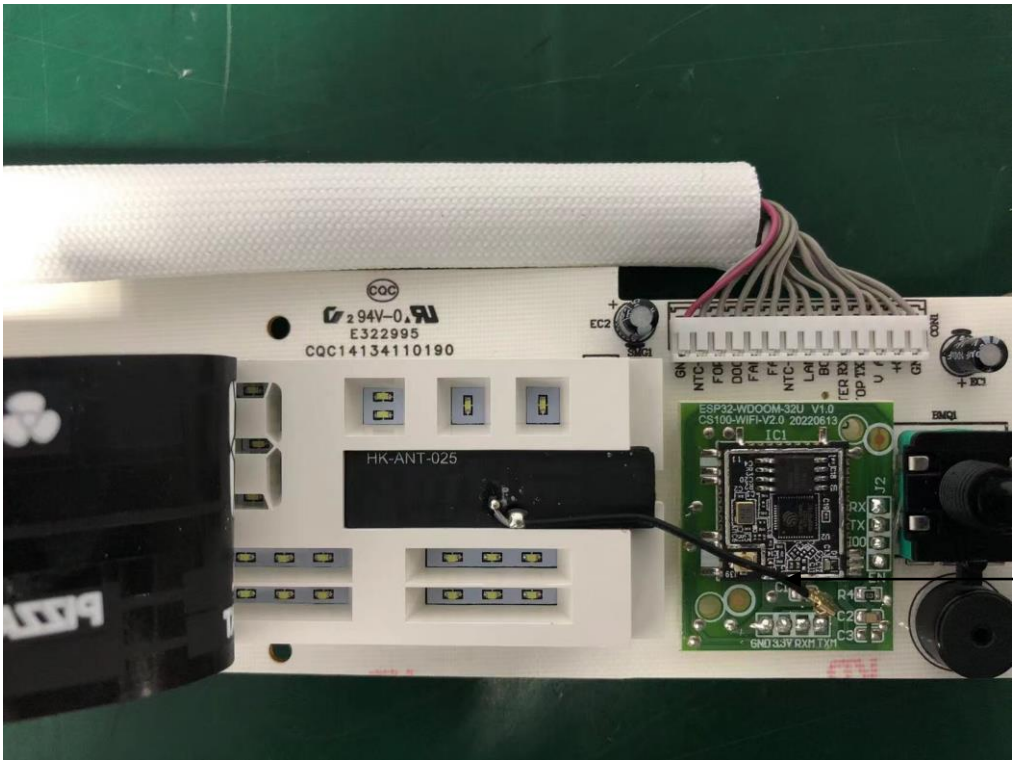
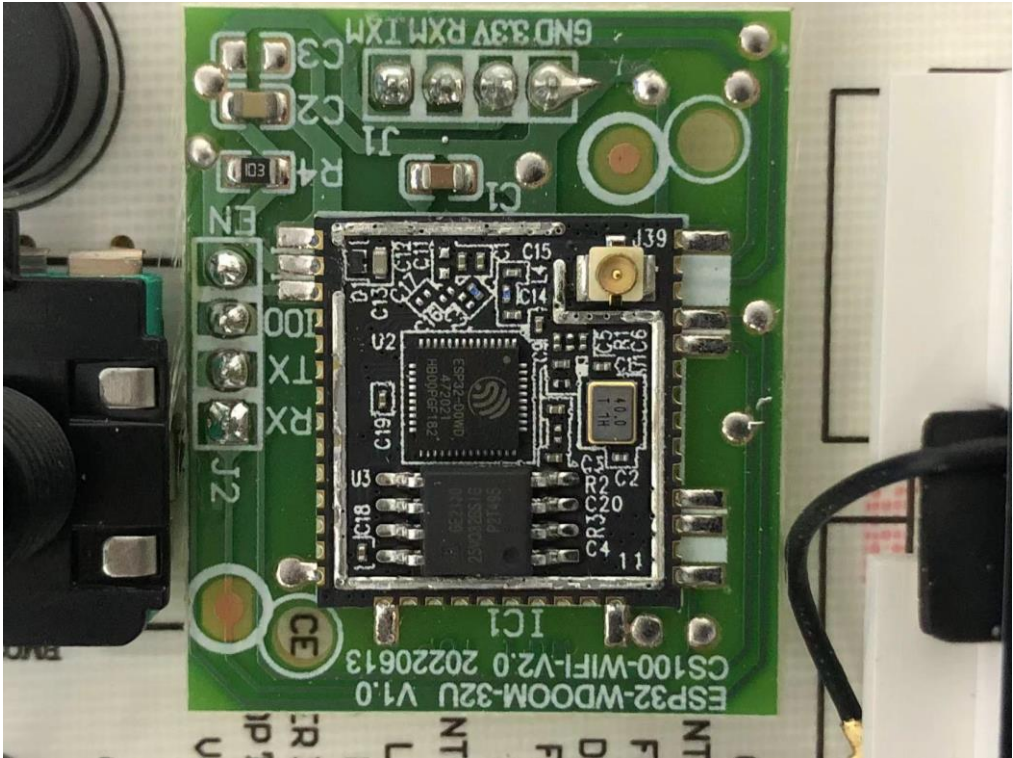
Internal Photos
M/N: CTO-R251S



Internal Photos
M/N: CTO-R251S



Internal Photos
M/N: CTO-R251S



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Antenna

End of Test Report