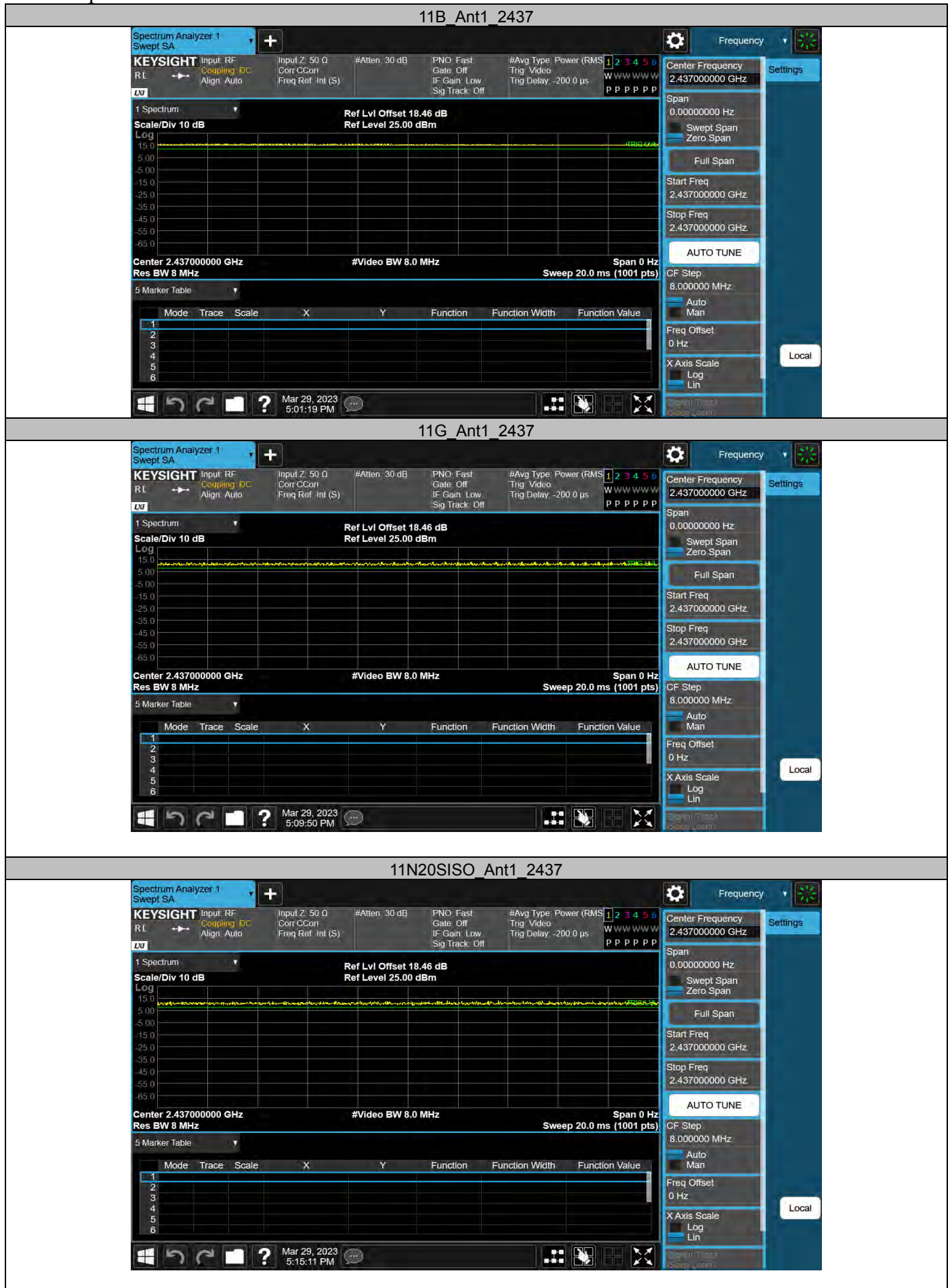


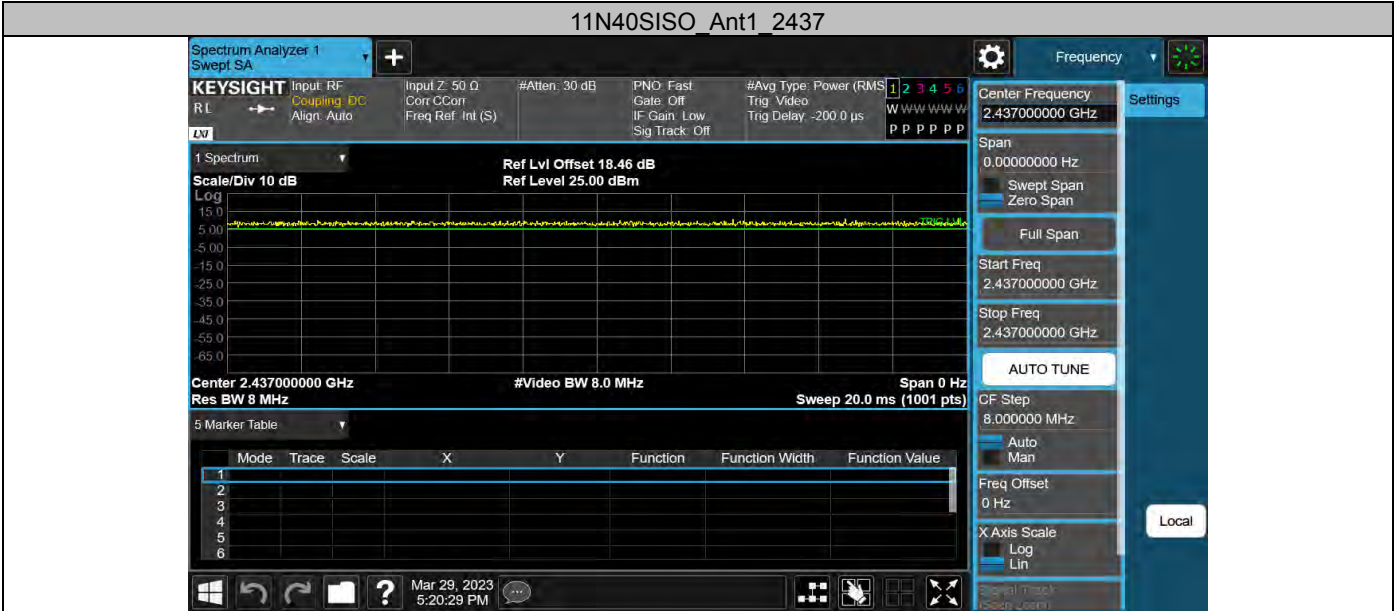
11. APPENDIX

Appendix A: Duty Cycle
Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	20.00	20.00	100.00
11G	Ant1	2437	20.00	20.00	100.00
11N20SISO	Ant1	2437	20.00	20.00	100.00
11N40SISO	Ant1	2437	20.00	20.00	100.00

Test Graphs

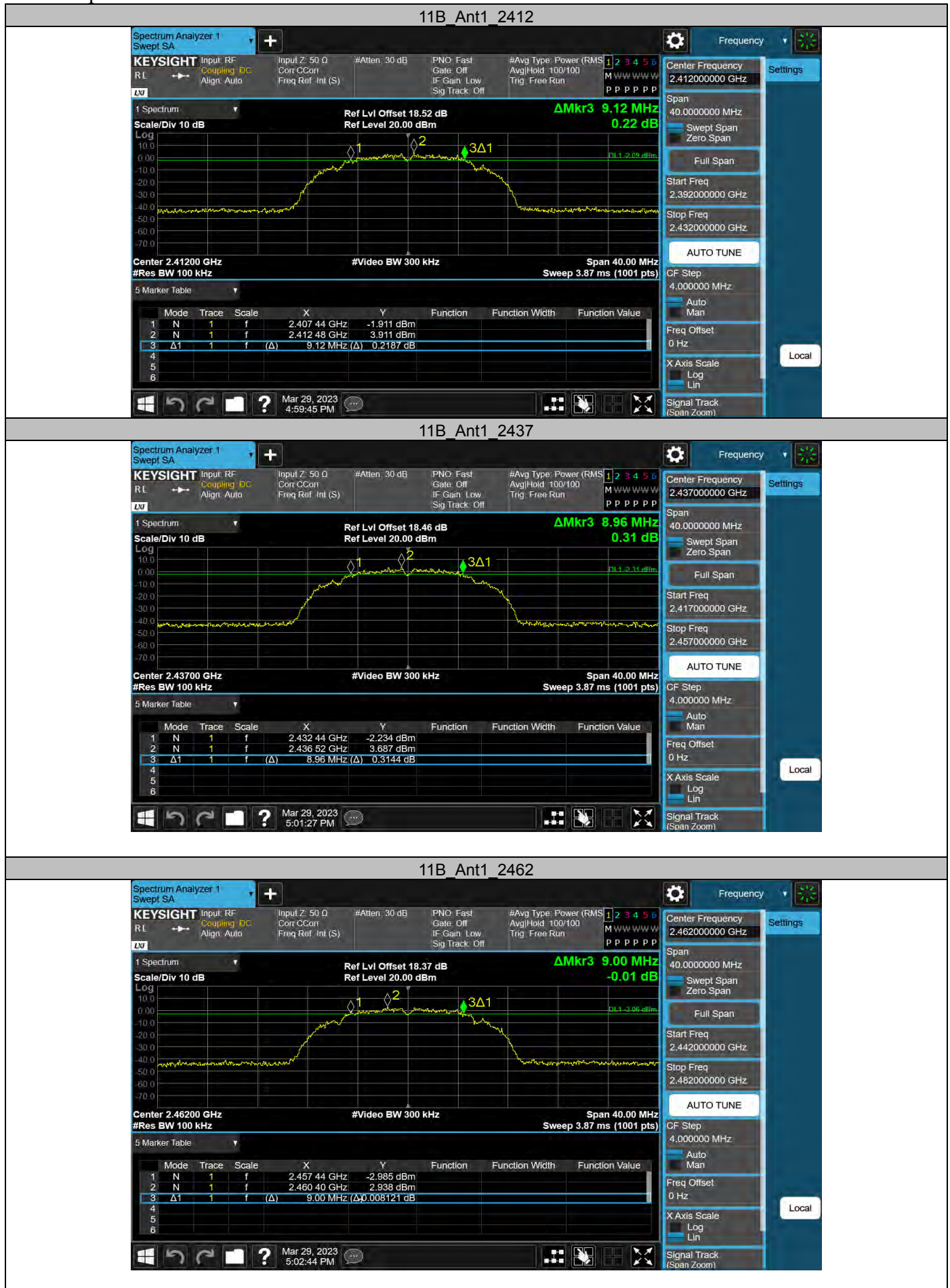


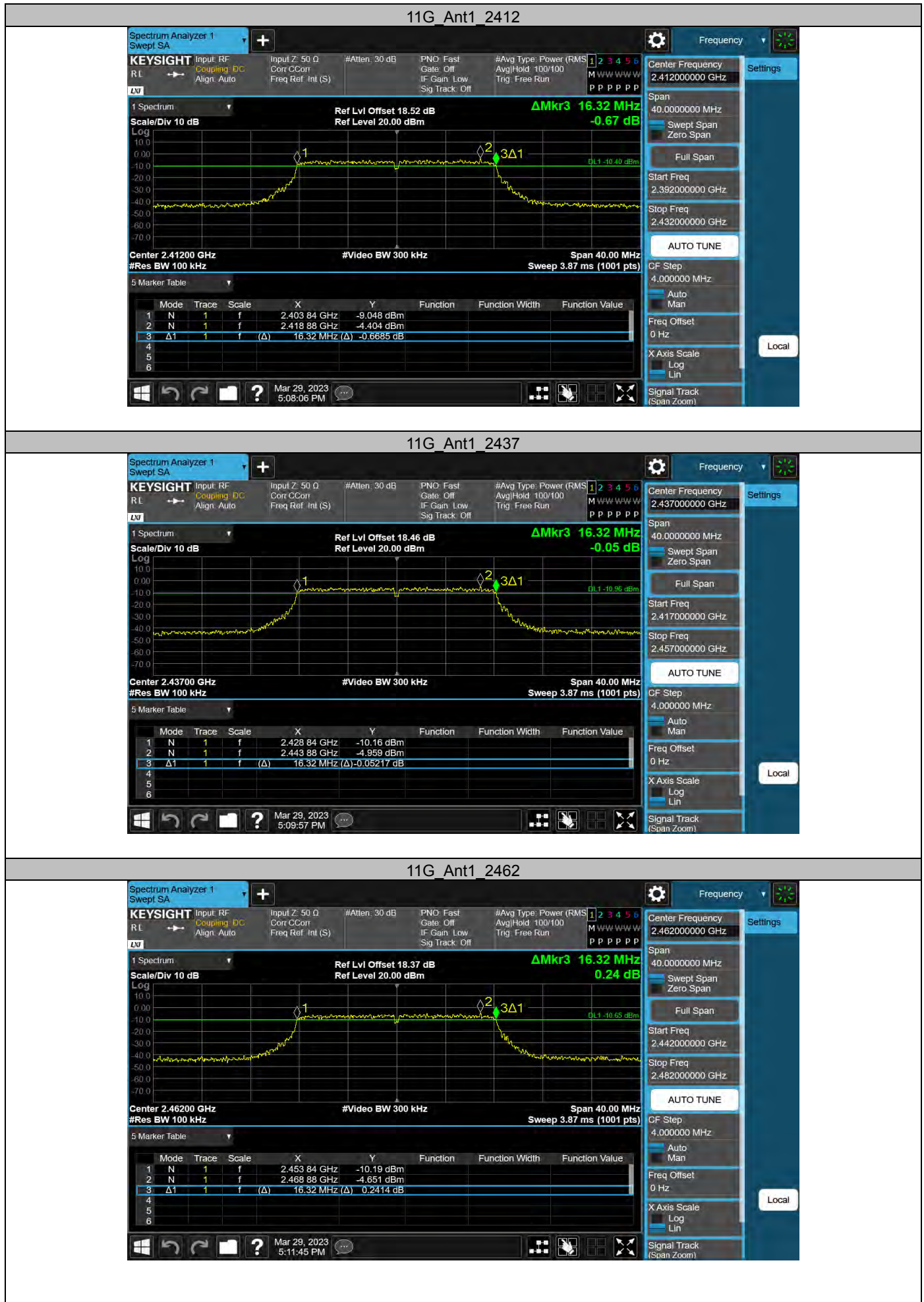


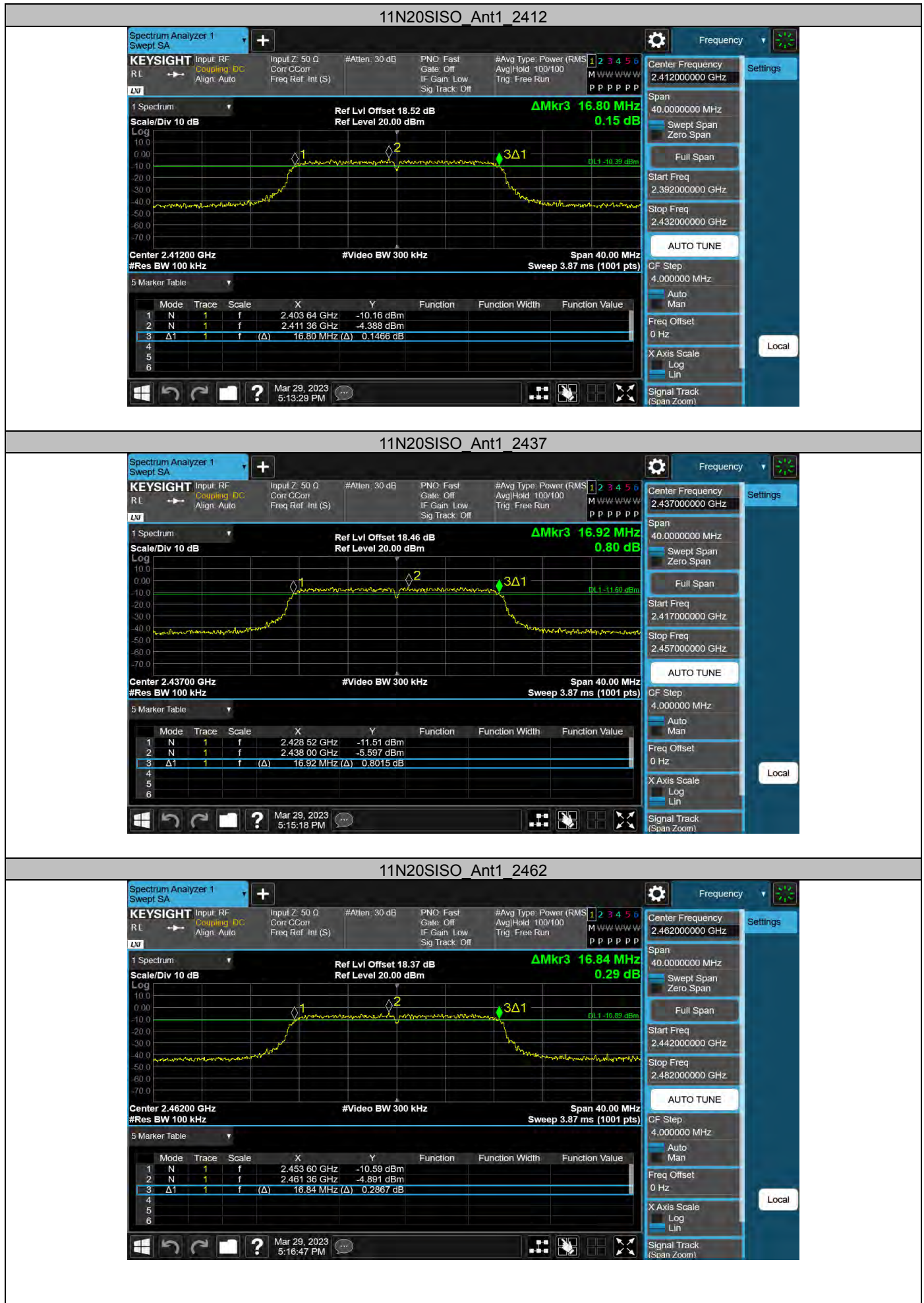
Appendix B: DTS Bandwidth Test Result

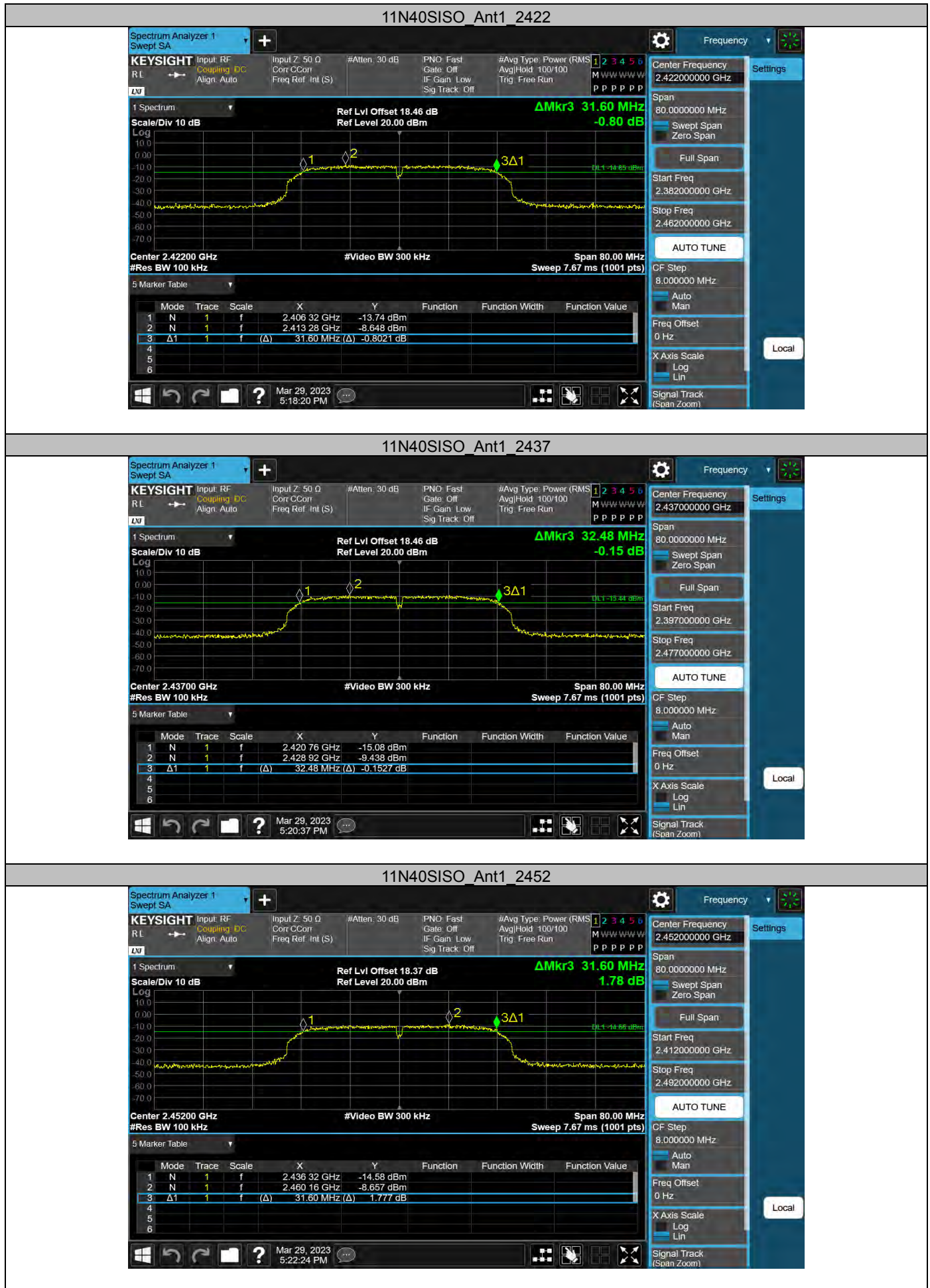
Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.440	2416.560	0.5	PASS
		2437	8.960	2432.440	2441.400	0.5	PASS
		2462	9.000	2457.440	2466.440	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.800	2403.640	2420.440	0.5	PASS
		2437	16.920	2428.520	2445.440	0.5	PASS
		2462	16.840	2453.600	2470.440	0.5	PASS
11N40SISO	Ant1	2422	31.600	2406.320	2437.920	0.5	PASS
		2437	32.480	2420.760	2453.240	0.5	PASS
		2452	31.600	2436.320	2467.920	0.5	PASS

Test Graphs









Appendix C: Maximum conducted output power

Test Result Peak

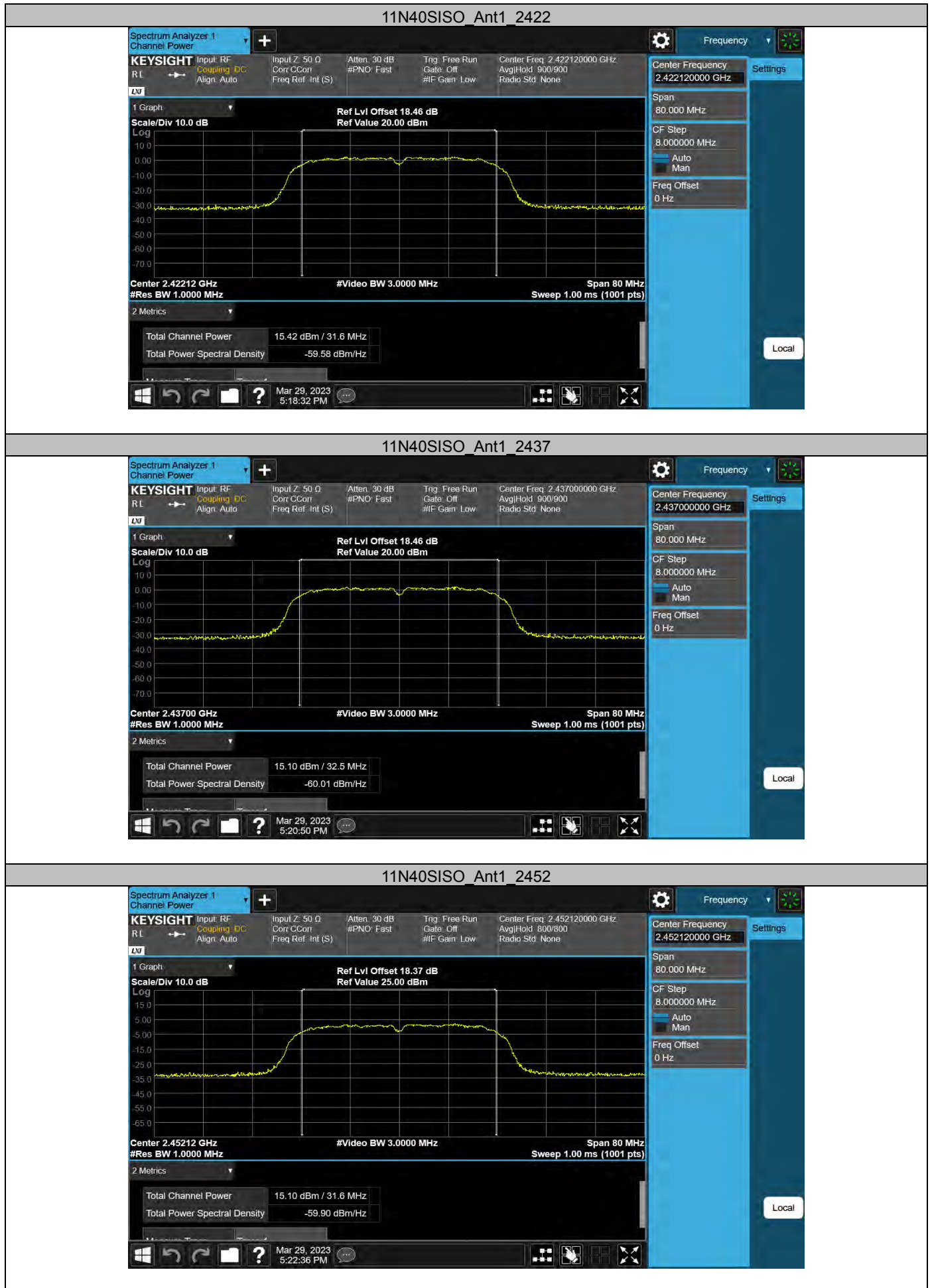
Test Mode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.57	≤30.00	PASS
		2437	18.16	≤30.00	PASS
		2462	17.99	≤30.00	PASS
11G	Ant1	2412	16.05	≤30.00	PASS
		2437	15.60	≤30.00	PASS
		2462	15.64	≤30.00	PASS
11N20SISO	Ant1	2412	16.05	≤30.00	PASS
		2437	15.56	≤30.00	PASS
		2462	15.61	≤30.00	PASS
11N40SISO	Ant1	2422	15.42	≤30.00	PASS
		2437	15.10	≤30.00	PASS
		2452	15.10	≤30.00	PASS

Test Graphs Peak





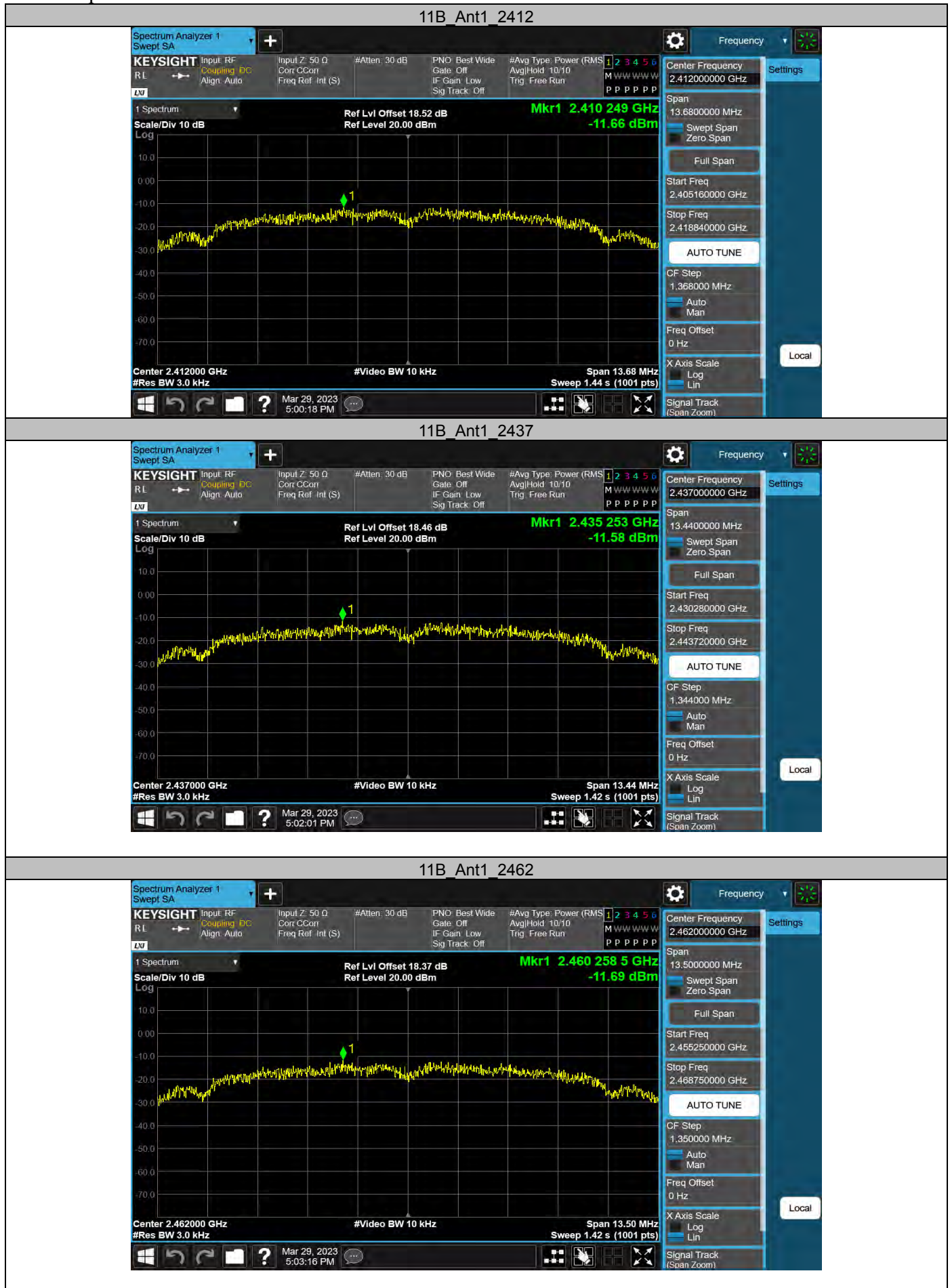


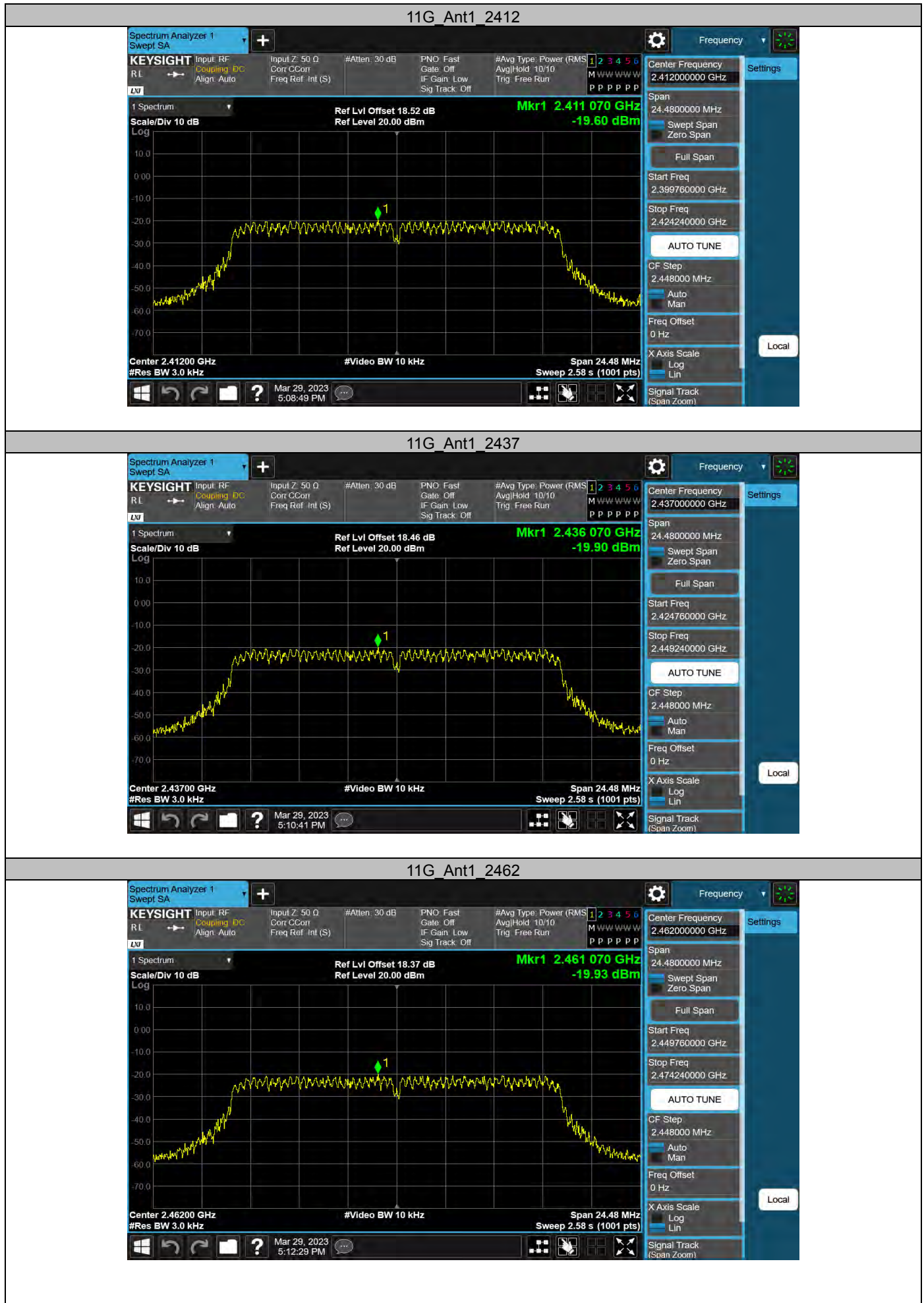


Appendix D: Maximum power spectral density Test Result

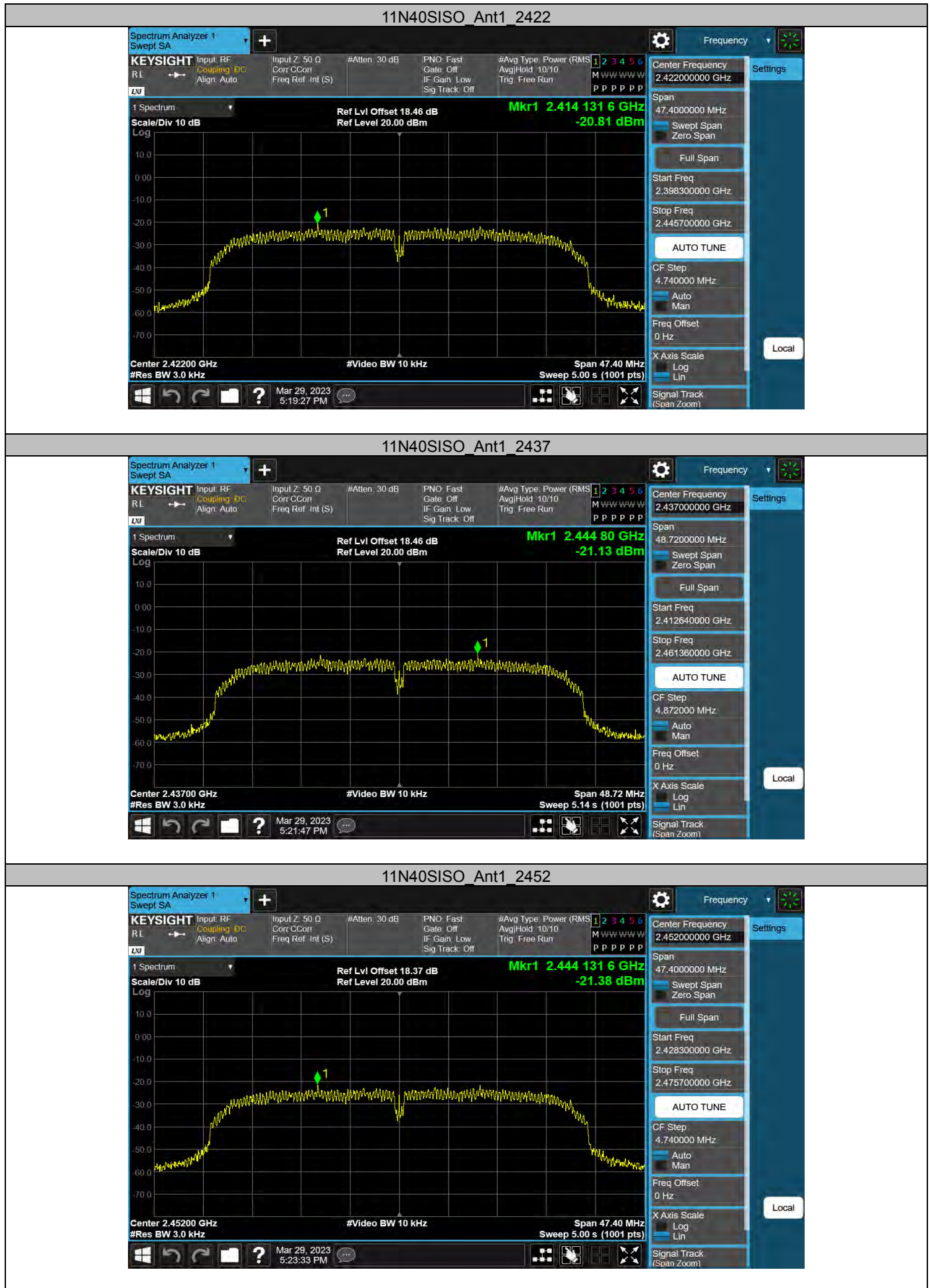
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-11.66	≤8.00	PASS
		2437	-11.58	≤8.00	PASS
		2462	-11.69	≤8.00	PASS
11G	Ant1	2412	-19.60	≤8.00	PASS
		2437	-19.90	≤8.00	PASS
		2462	-19.93	≤8.00	PASS
11N20SISO	Ant1	2412	-19.70	≤8.00	PASS
		2437	-19.92	≤8.00	PASS
		2462	-19.94	≤8.00	PASS
11N40SISO	Ant1	2422	-20.81	≤8.00	PASS
		2437	-21.13	≤8.00	PASS
		2452	-21.38	≤8.00	PASS

Test Graphs





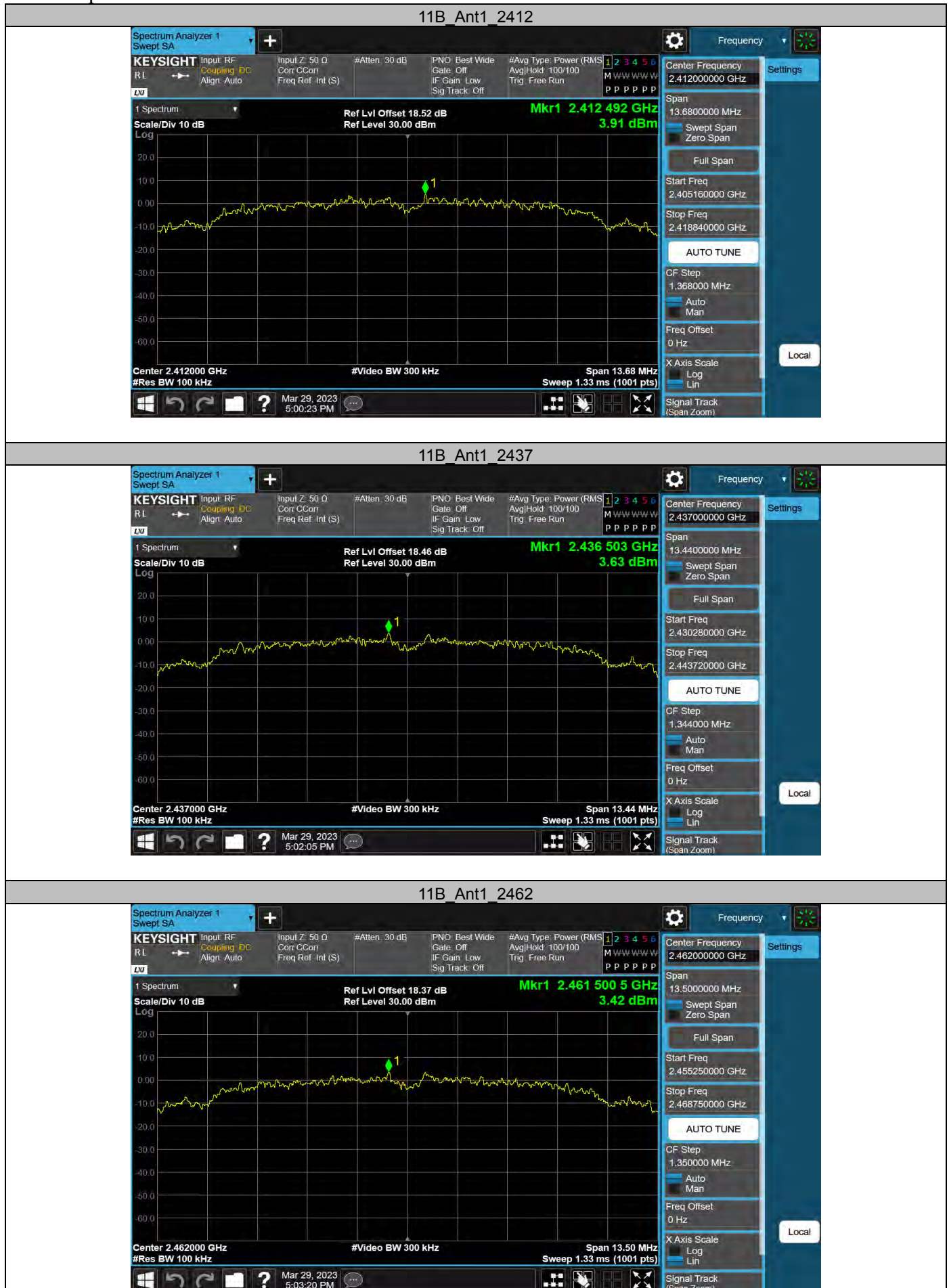




Appendix E: Reference level measurement Test Result

Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2412.49	3.92
		2437	2436.50	3.63
		2462	2461.50	3.42
11G	Ant1	2412	2418.85	-4.84
		2437	2443.88	-4.94
		2462	2468.88	-4.87
11N20SISO	Ant1	2412	2406.63	-5.00
		2437	2431.62	-5.63
		2462	2456.64	-5.72
11N40SISO	Ant1	2422	2413.28	-8.68
		2437	2429.11	-9.09
		2452	2460.11	-8.73

Test Graphs







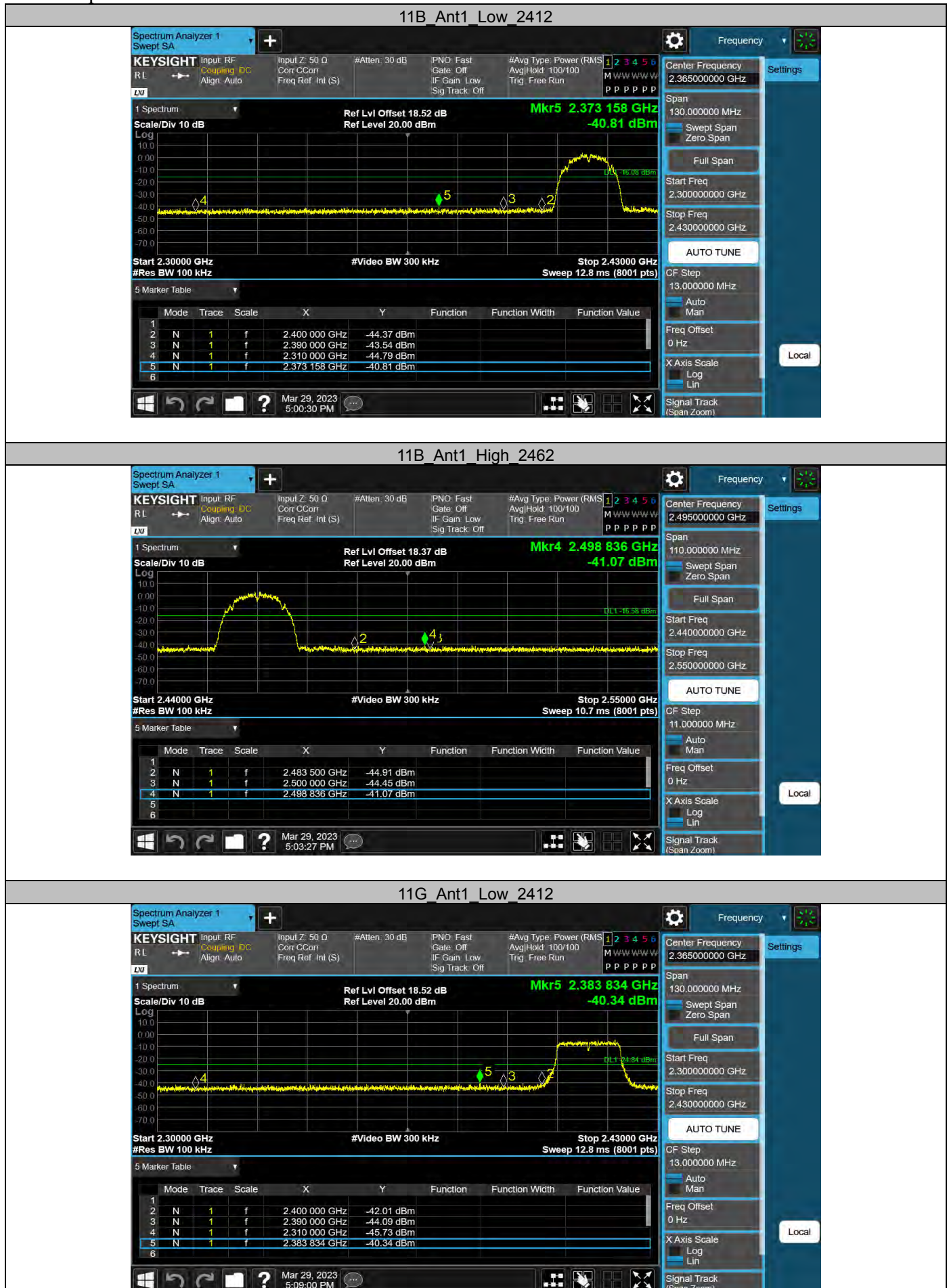


Appendix F: Band edge measurements

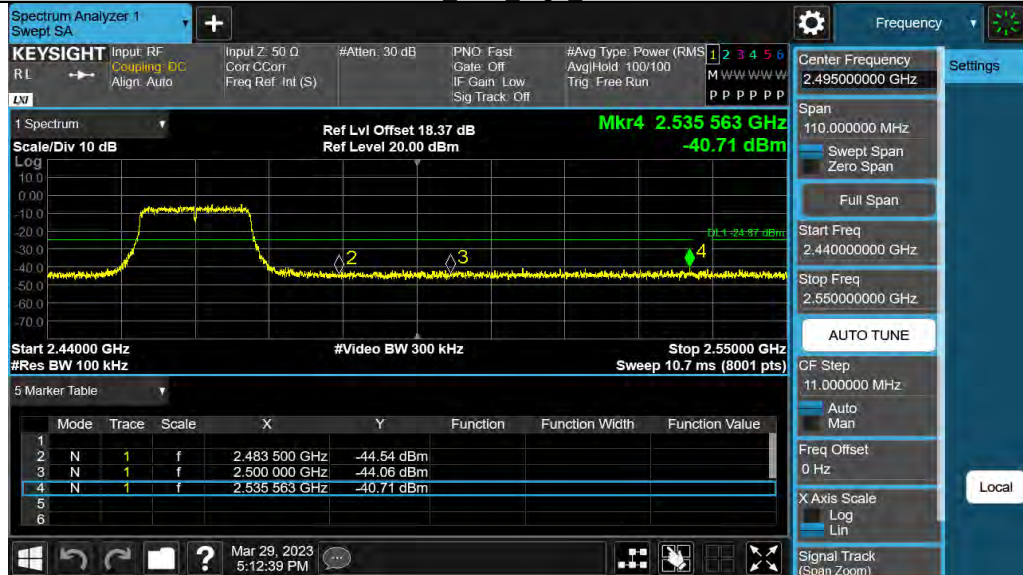
Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.92	-40.81	≤ -16.08	PASS
		High	2462	3.42	-41.07	≤ -16.58	PASS
11G	Ant1	Low	2412	-4.84	-40.34	≤ -24.84	PASS
		High	2462	-4.87	-40.72	≤ -24.87	PASS
11N20SISO	Ant1	Low	2412	-5.00	-40.02	≤ -25.00	PASS
		High	2462	-5.72	-40.63	≤ -25.72	PASS
11N40SISO	Ant1	Low	2422	-8.68	-40.15	≤ -28.68	PASS
		High	2452	-8.73	-40.74	≤ -28.73	PASS

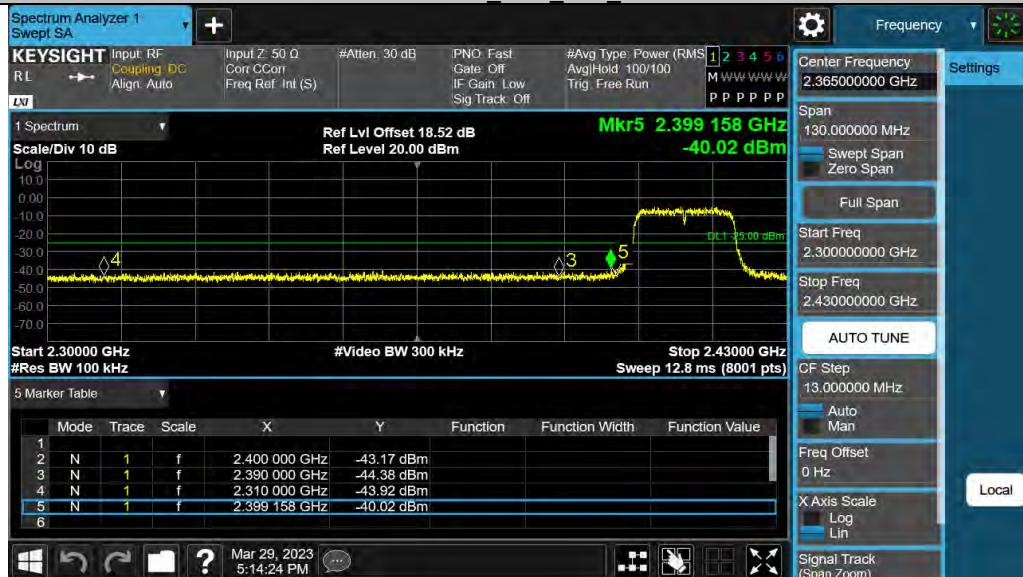
Test Graphs



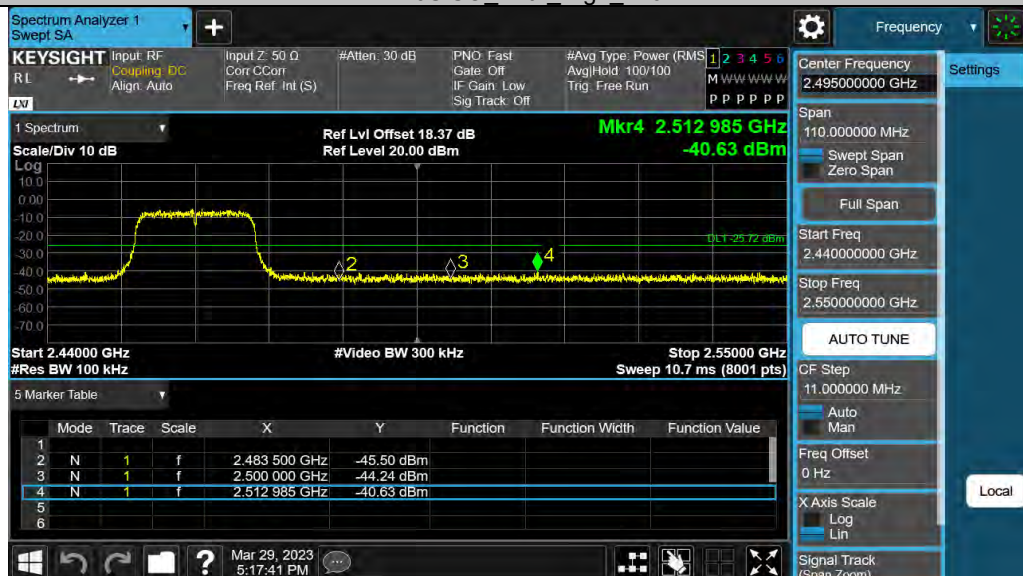
11G_Ant1_High_2462

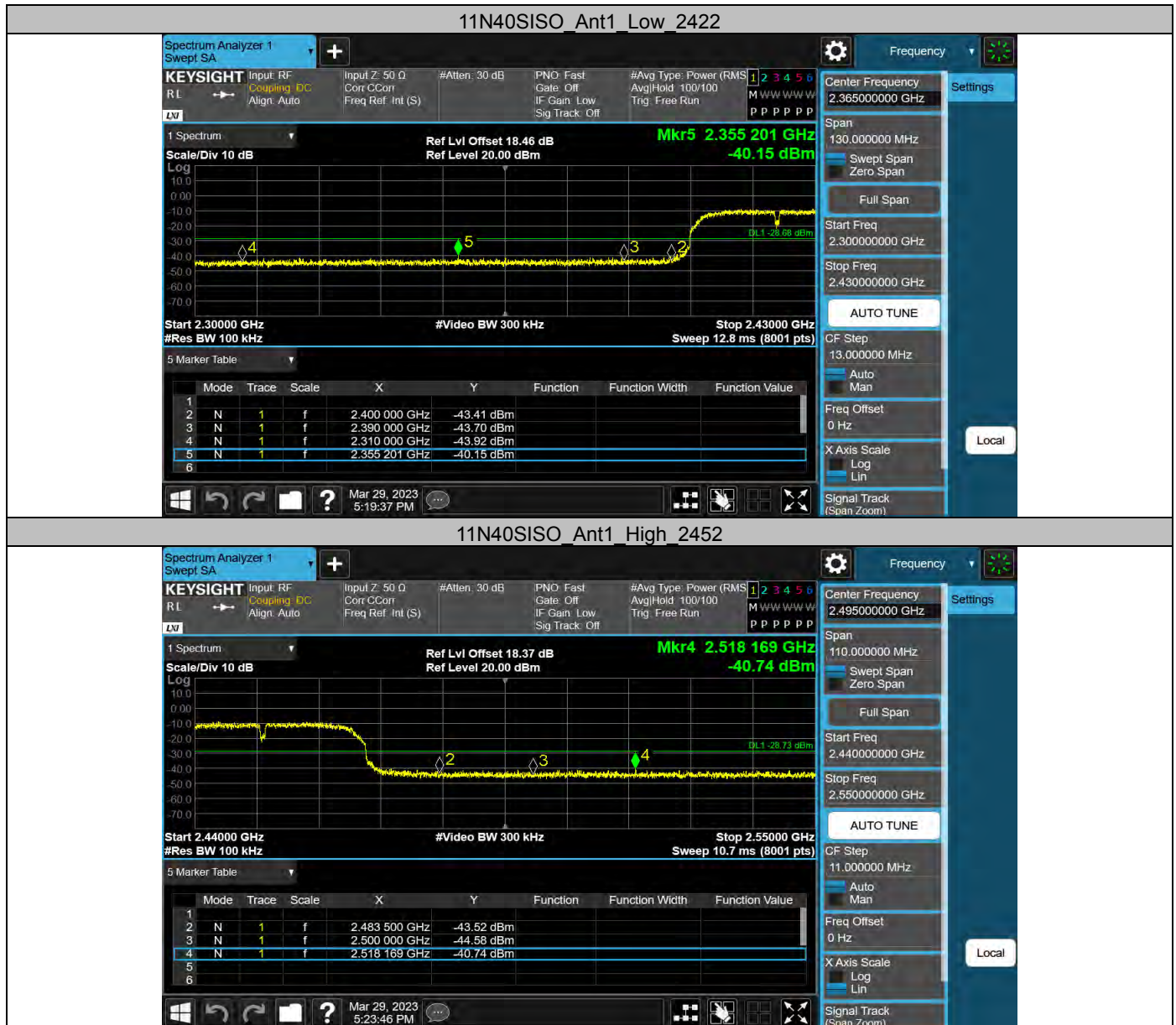


11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

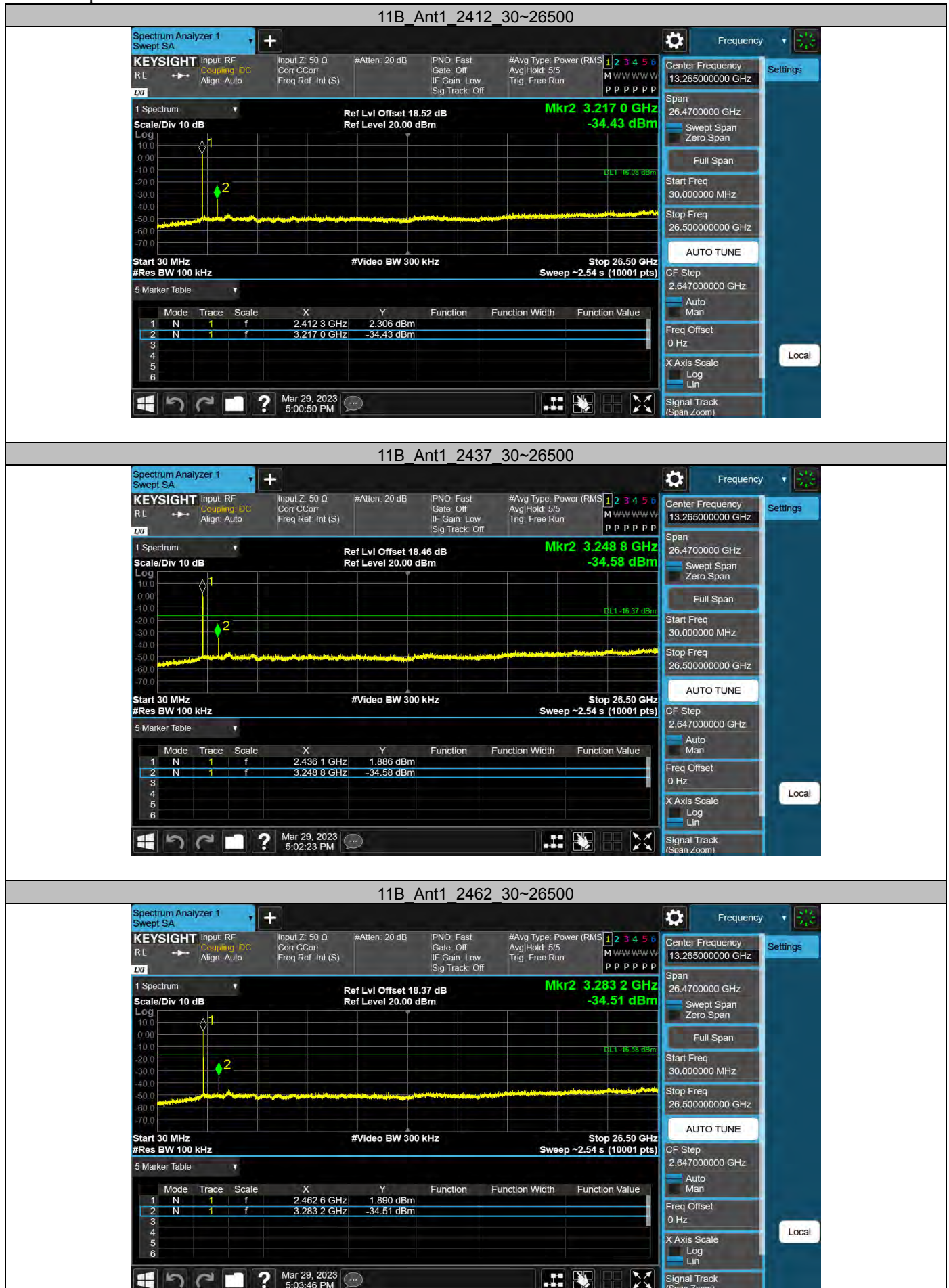




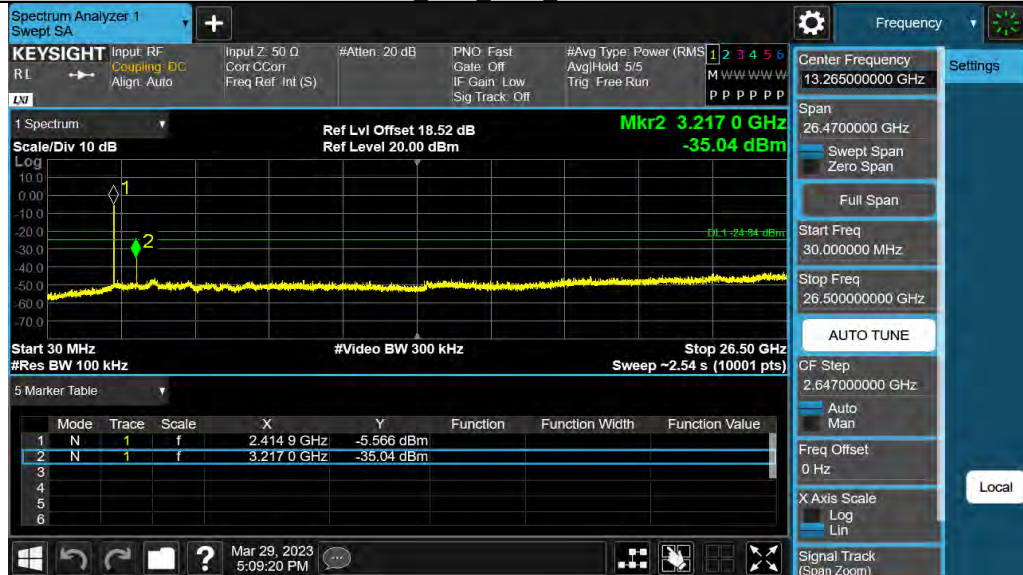
Appendix G: Conducted Spurious Emission Test Result

Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	3.92	-34.43	≤ -16.08	PASS
		2437	30~26500	3.63	-34.58	≤ -16.37	PASS
		2462	30~26500	3.42	-34.51	≤ -16.58	PASS
11G	Ant1	2412	30~26500	-4.84	-35.04	≤ -24.84	PASS
		2437	30~26500	-4.94	-34.17	≤ -24.94	PASS
		2462	30~26500	-4.87	-33.98	≤ -24.87	PASS
11N20SISO	Ant1	2412	30~26500	-5.00	-34.78	≤ -25.00	PASS
		2437	30~26500	-5.63	-34.29	≤ -25.63	PASS
		2462	30~26500	-5.72	-34.02	≤ -25.72	PASS
11N40SISO	Ant1	2422	30~26500	-8.68	-34.79	≤ -28.68	PASS
		2437	30~26500	-9.09	-34.32	≤ -29.09	PASS
		2452	30~26500	-8.73	-33.72	≤ -28.73	PASS

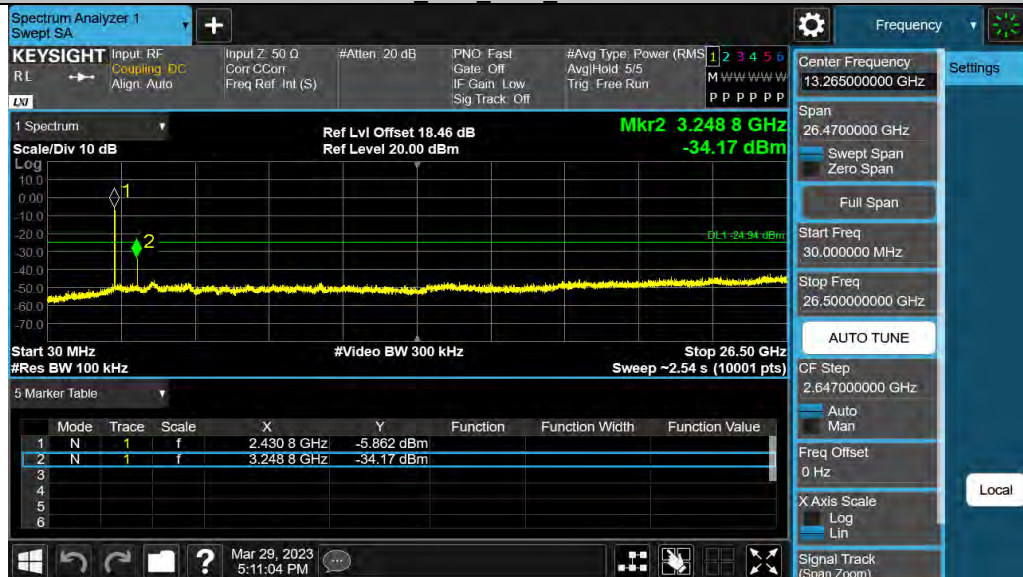
Test Graphs



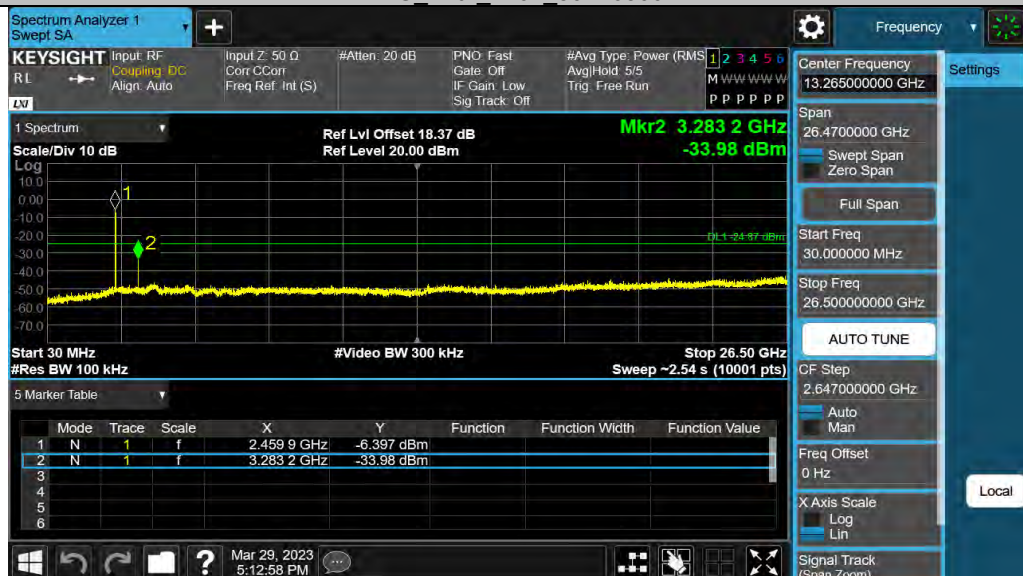
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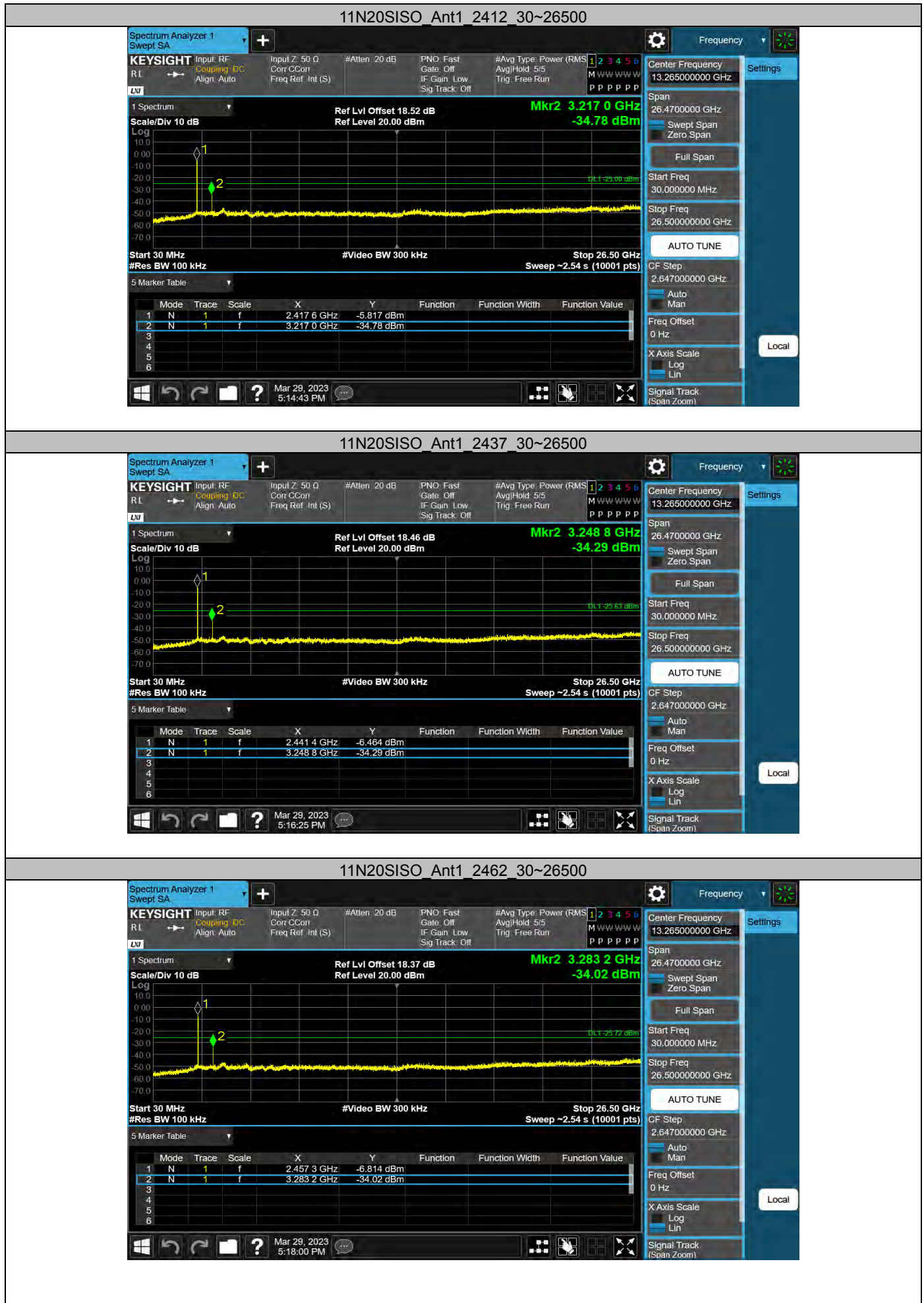


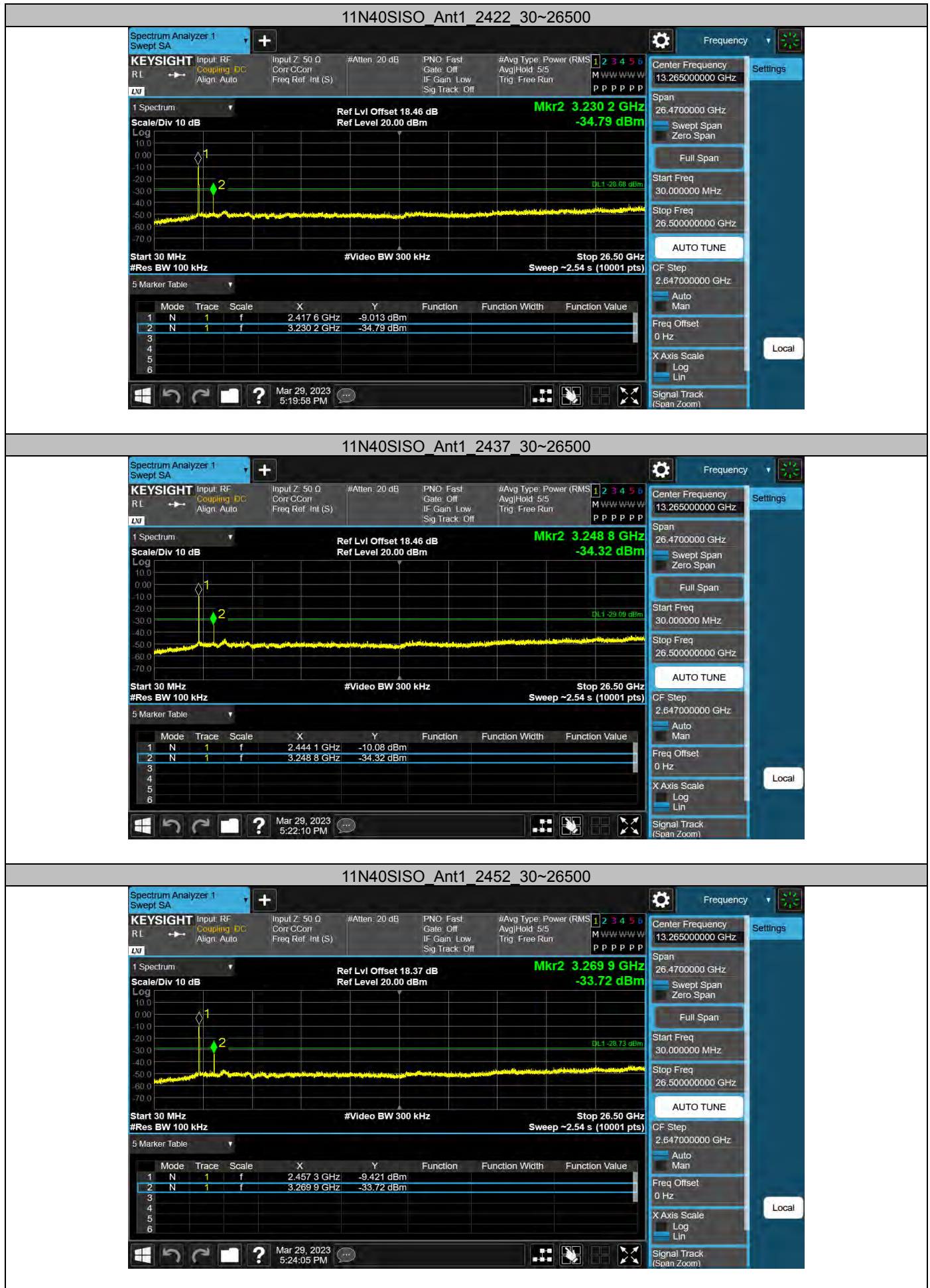
11G_Ant1_2437_30~26500



11G_Ant1_2462_30~26500

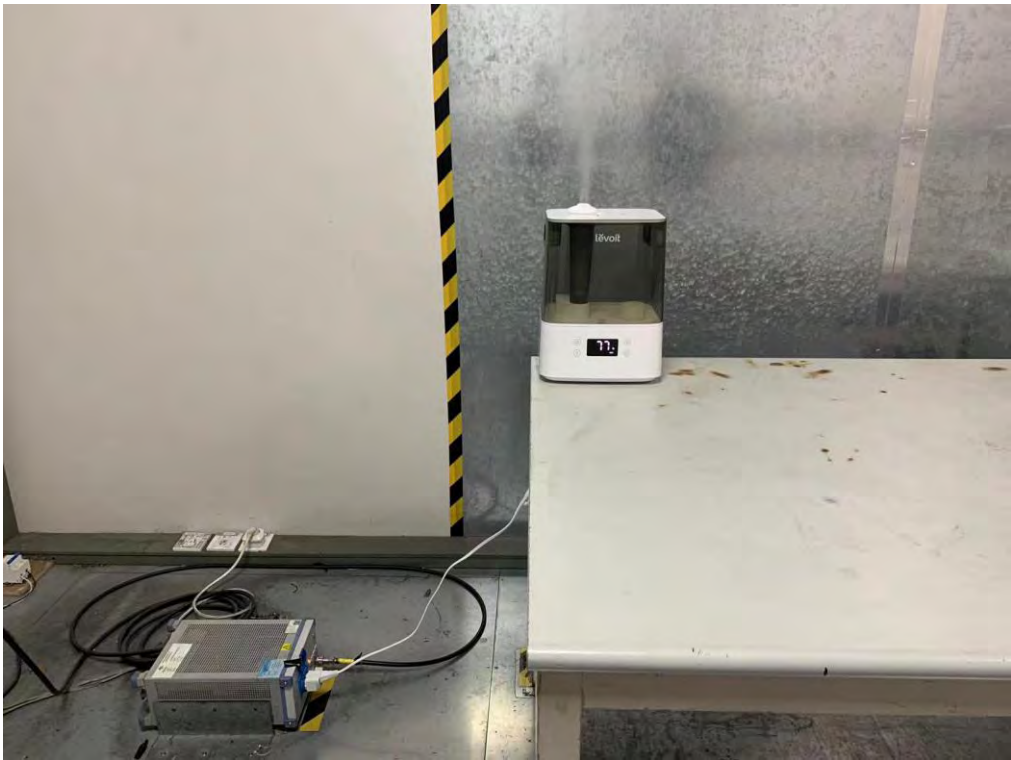




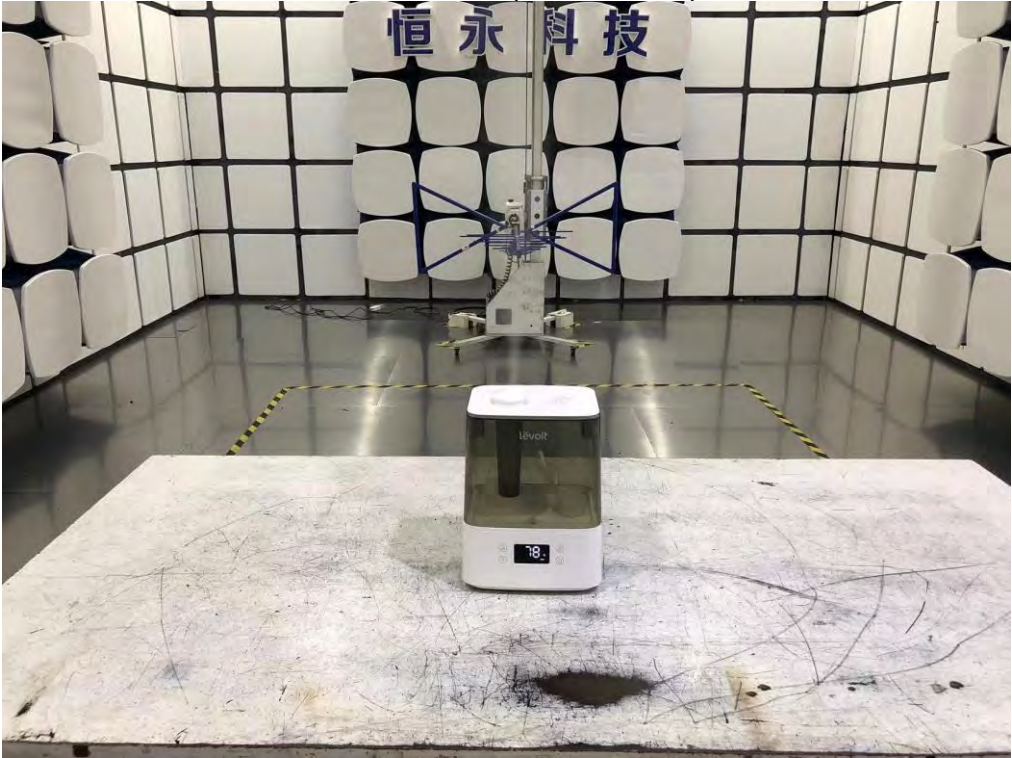


12. TEST SETUP PHOTO

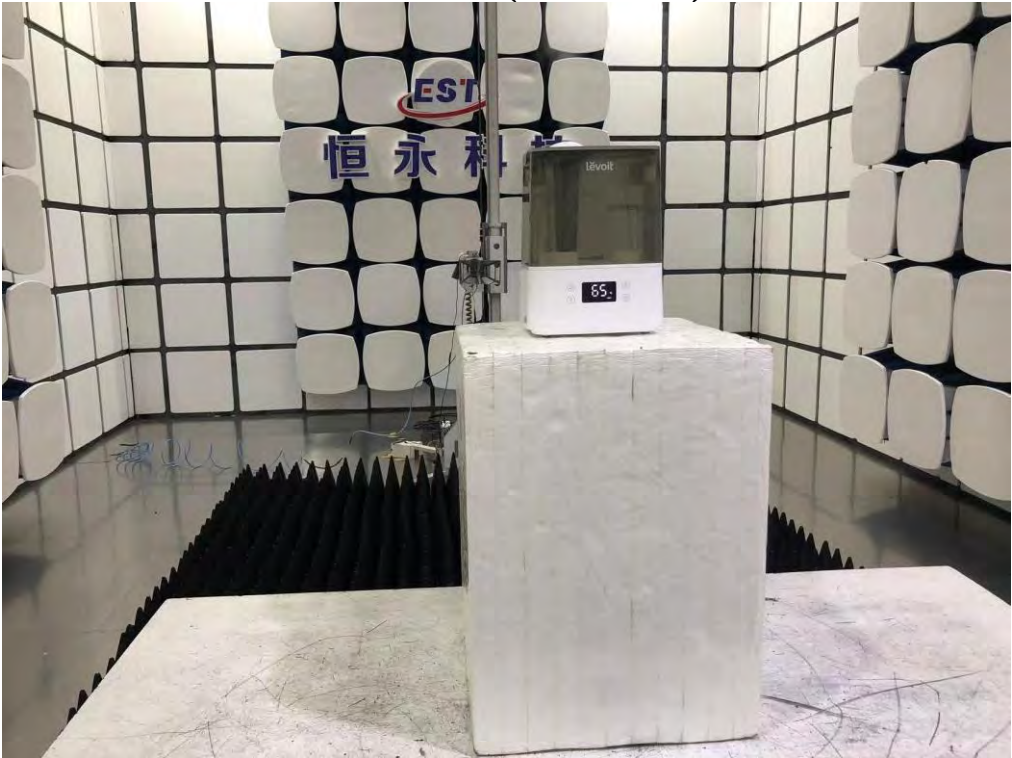
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)

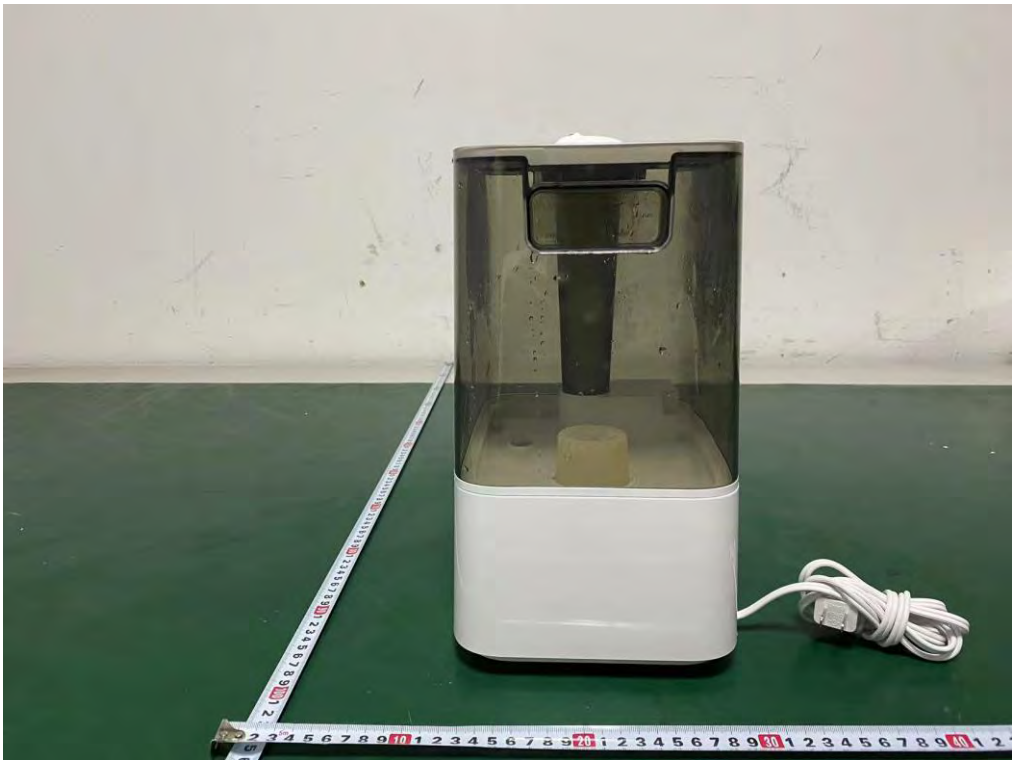


13. EUT PHOTO

External Photos
M/N: Classic300S



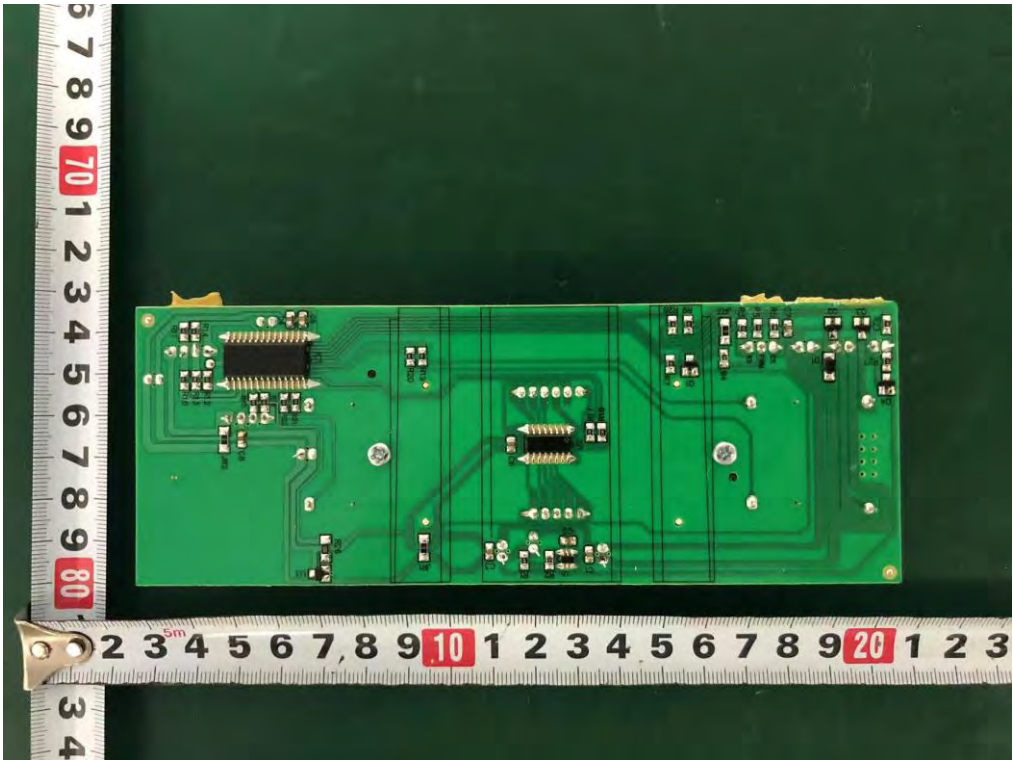
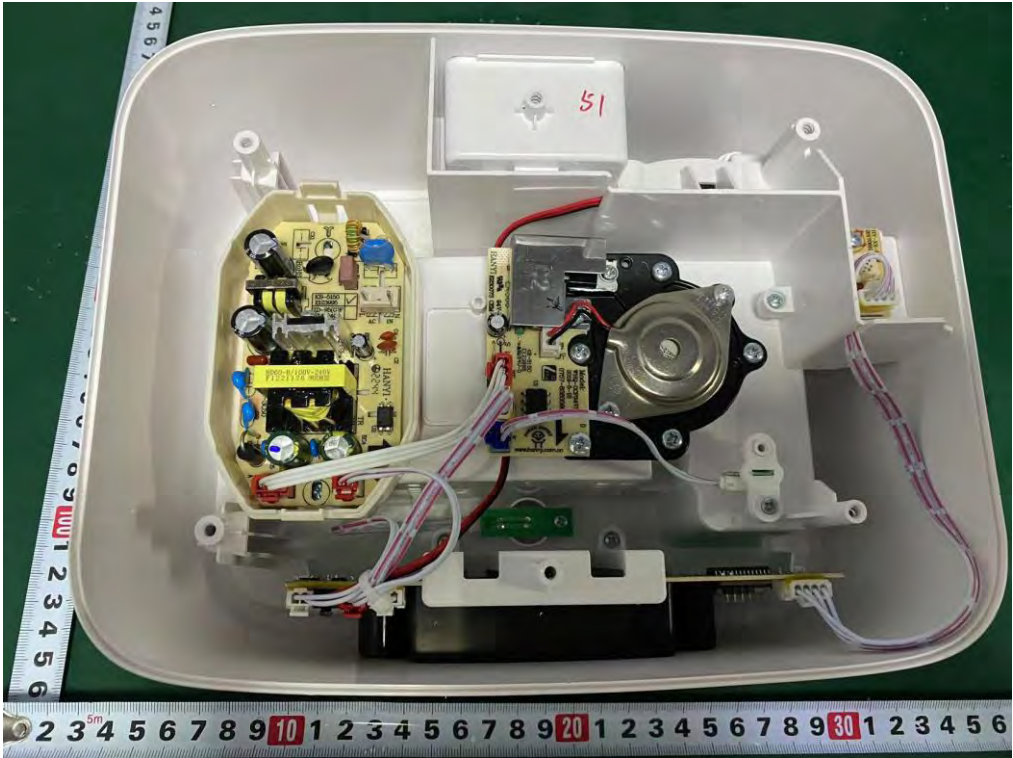
External Photos
M/N: Classic300S



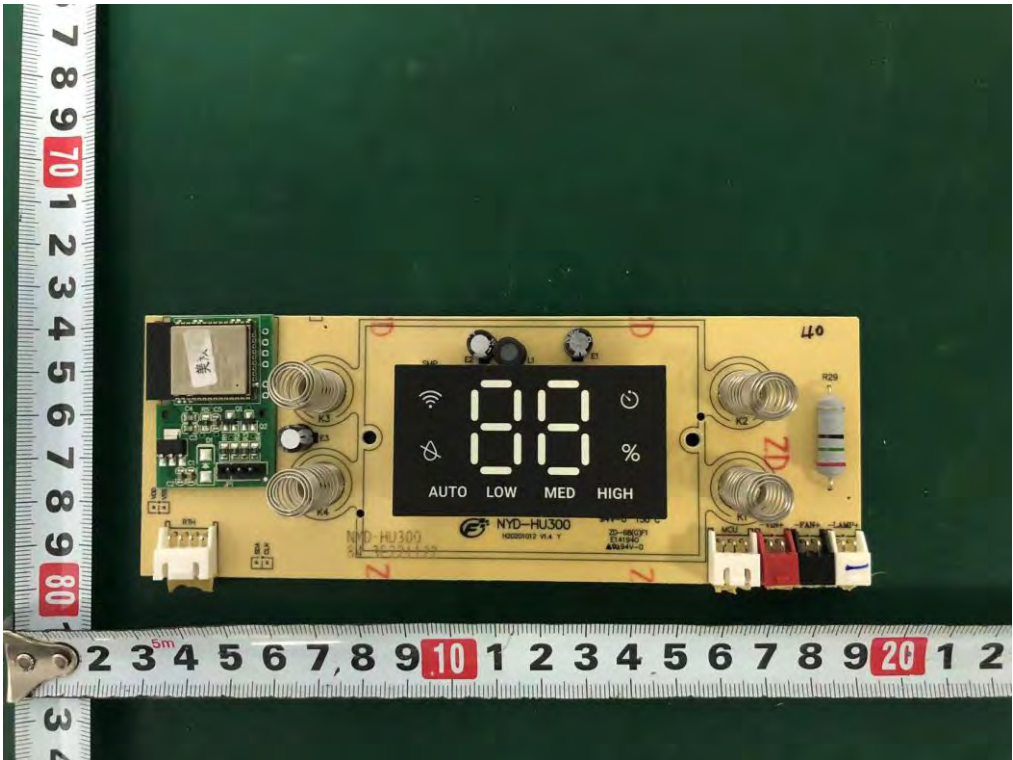
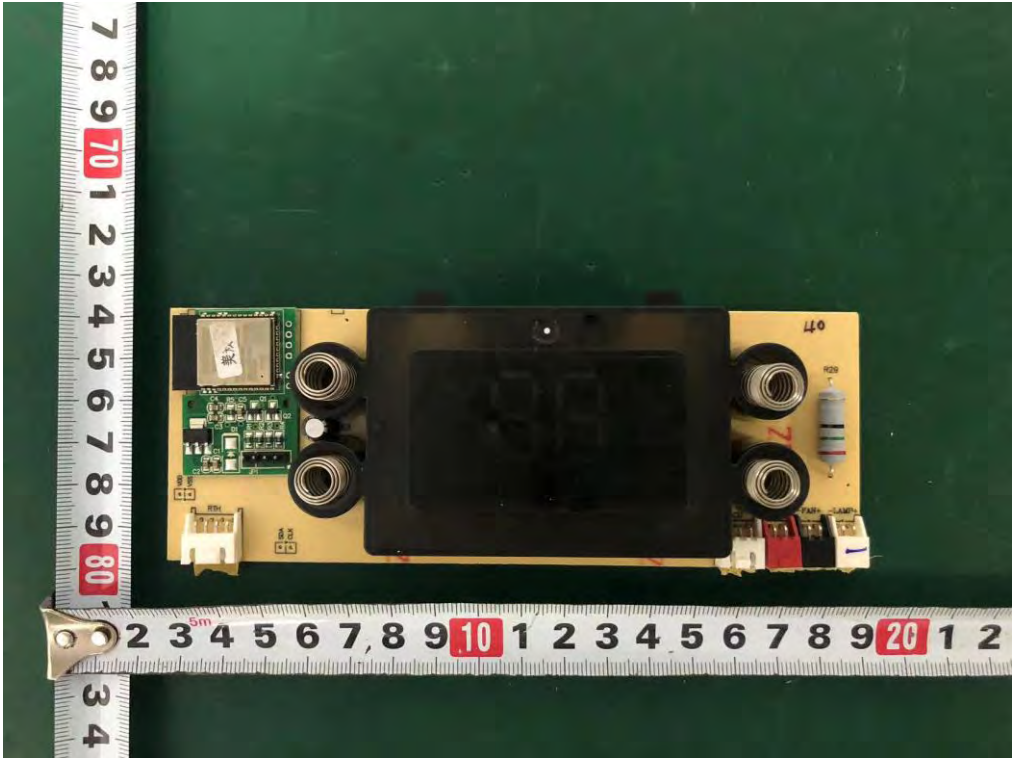
External Photos
M/N: Classic300S



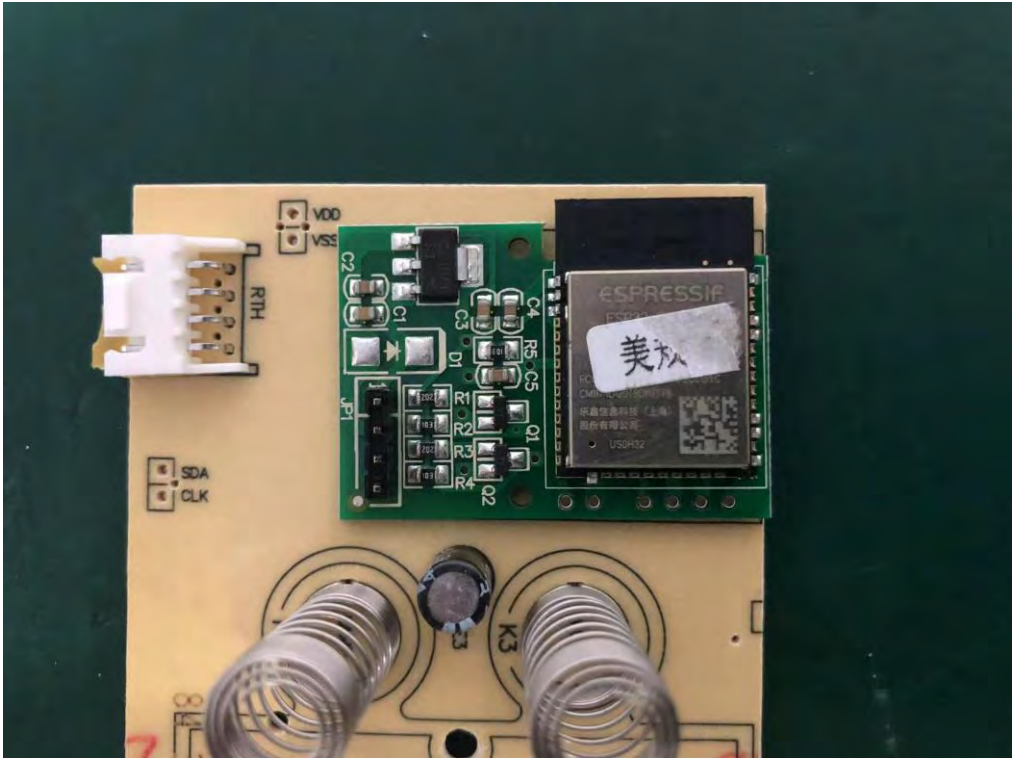
Internal Photos
M/N: Classic300S



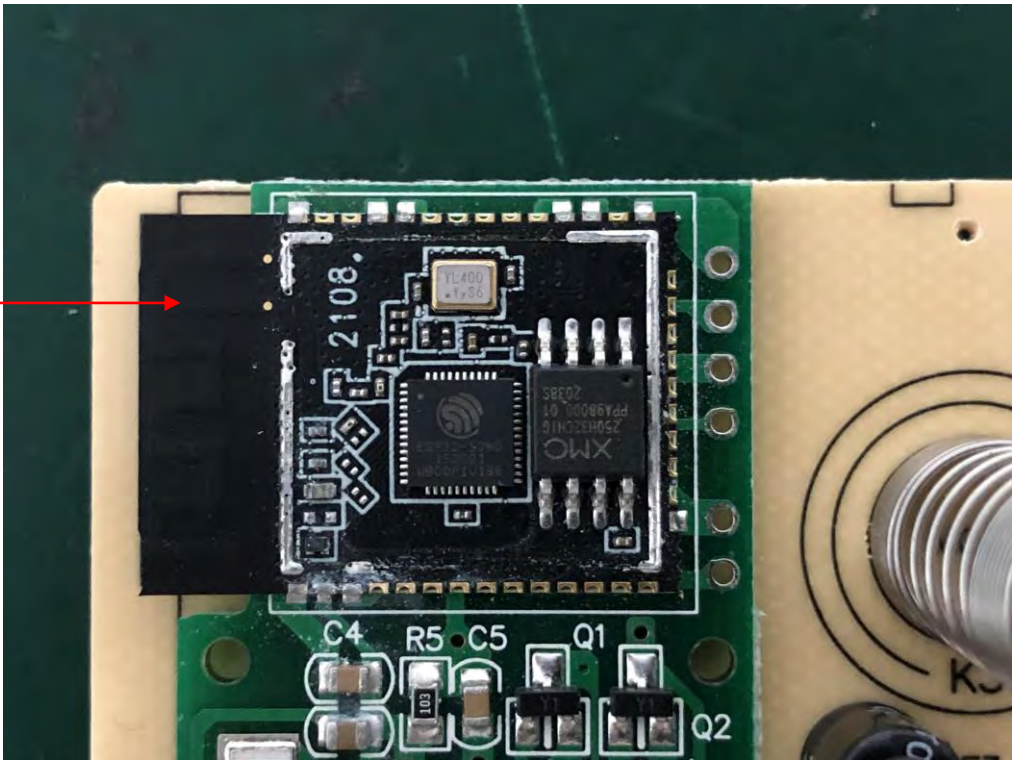
Internal Photos
M/N: Classic300S



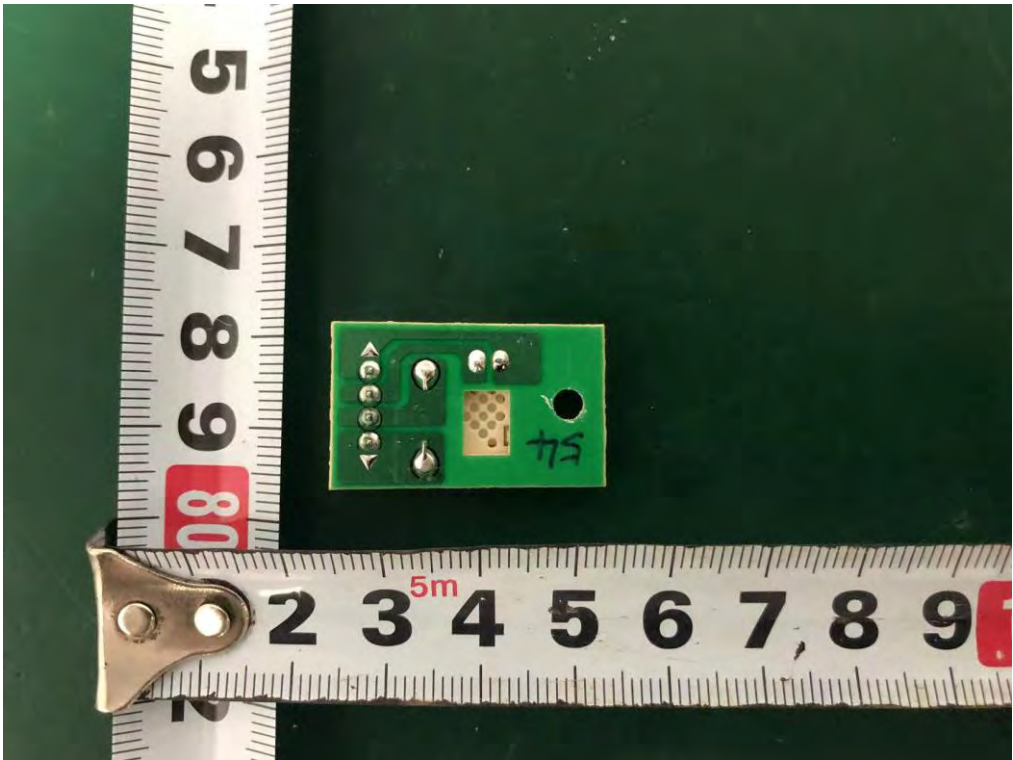
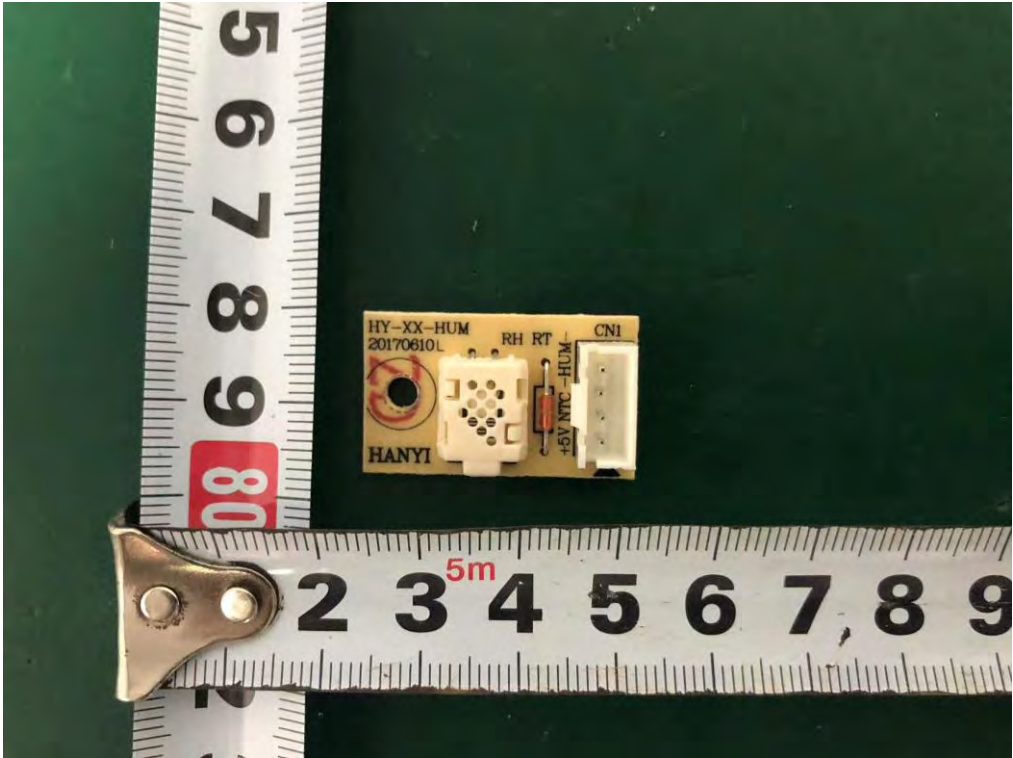
Internal Photos
M/N: Classic300S



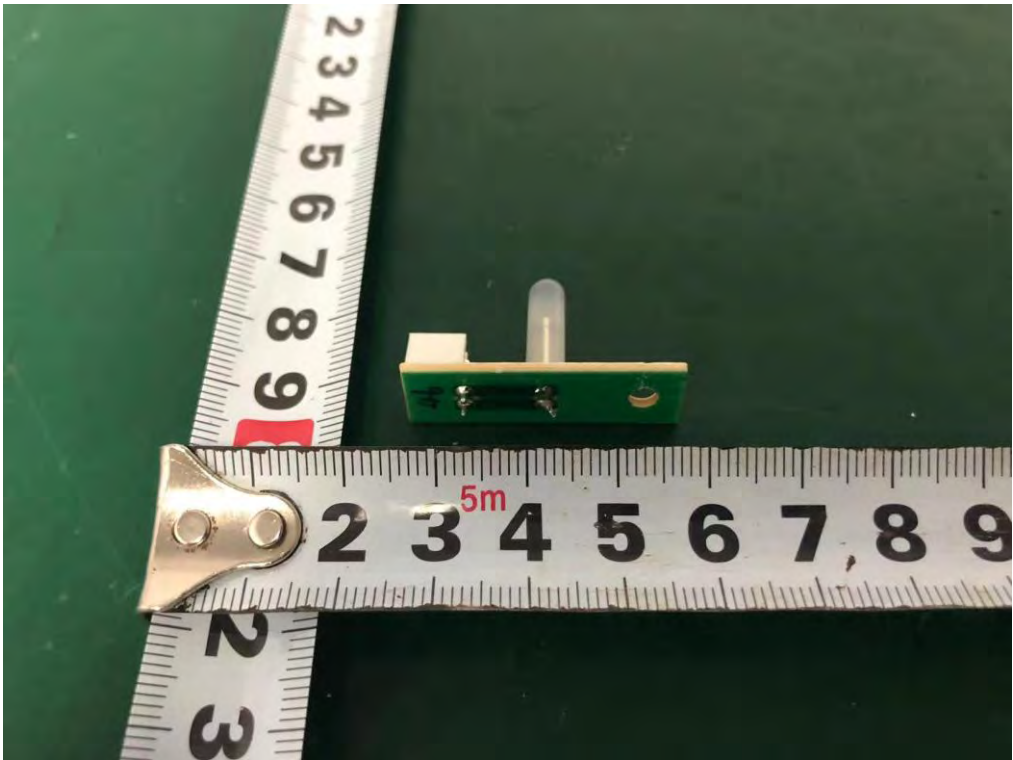
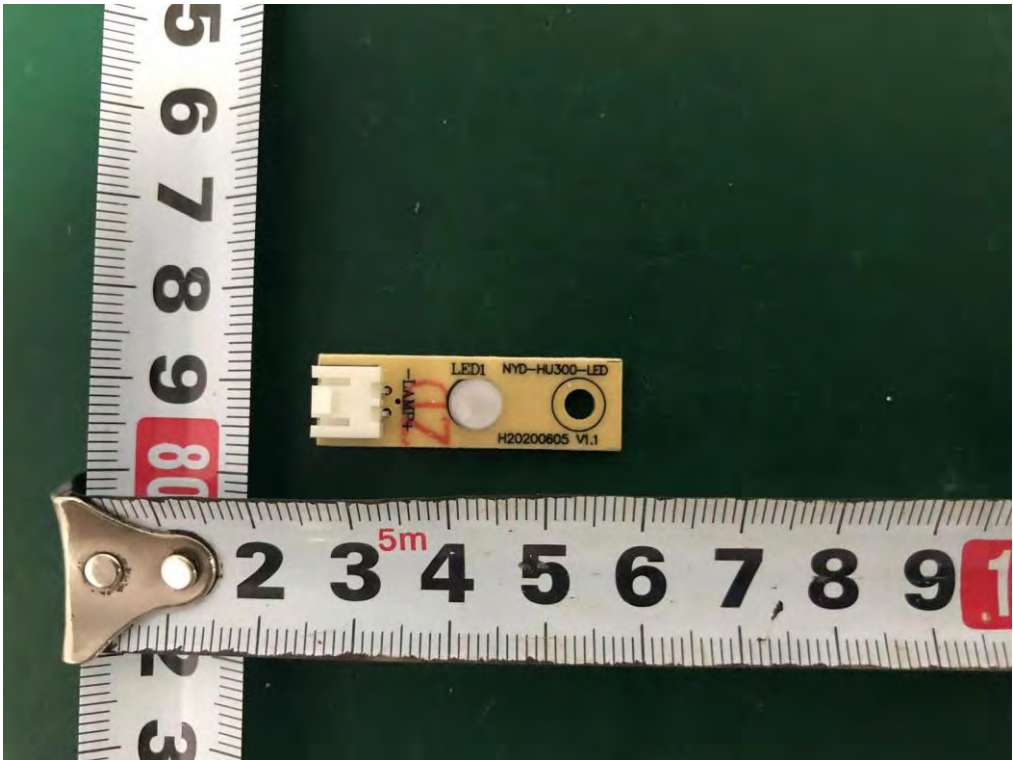
Antenna



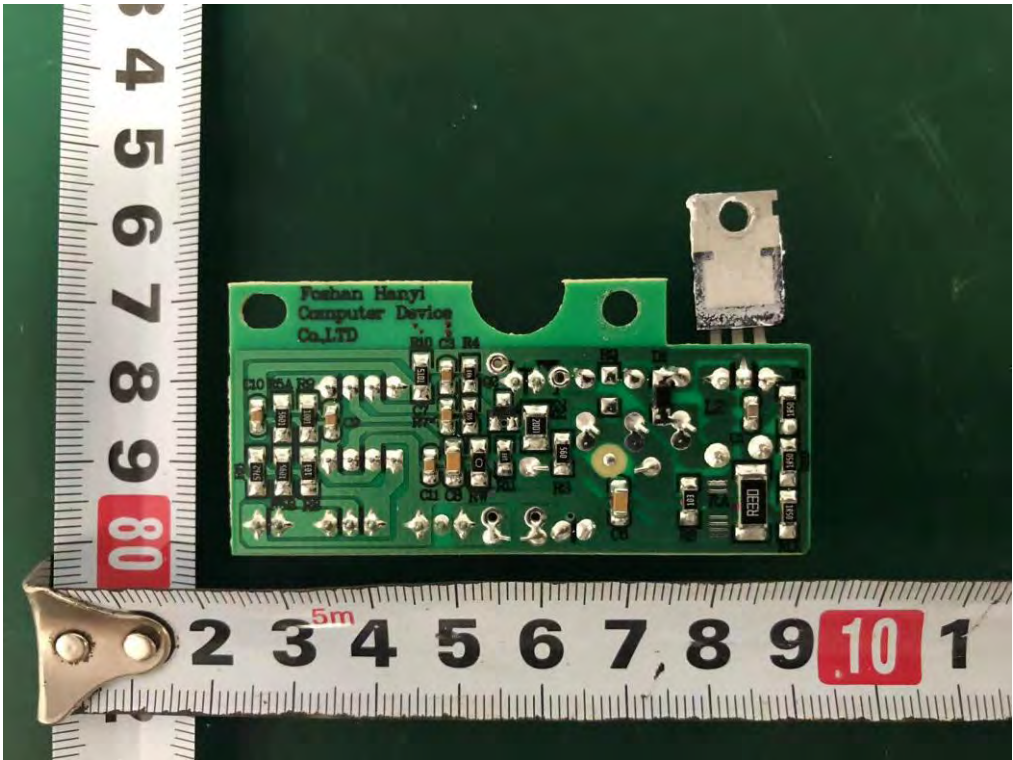
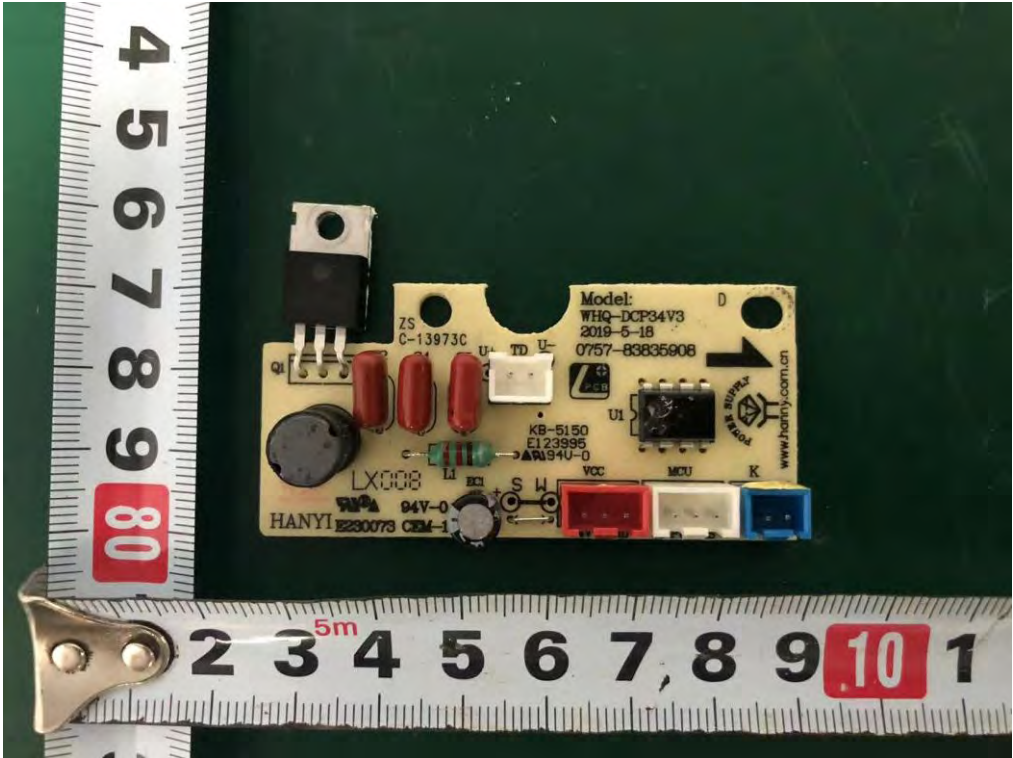
Internal Photos
M/N: Classic300S



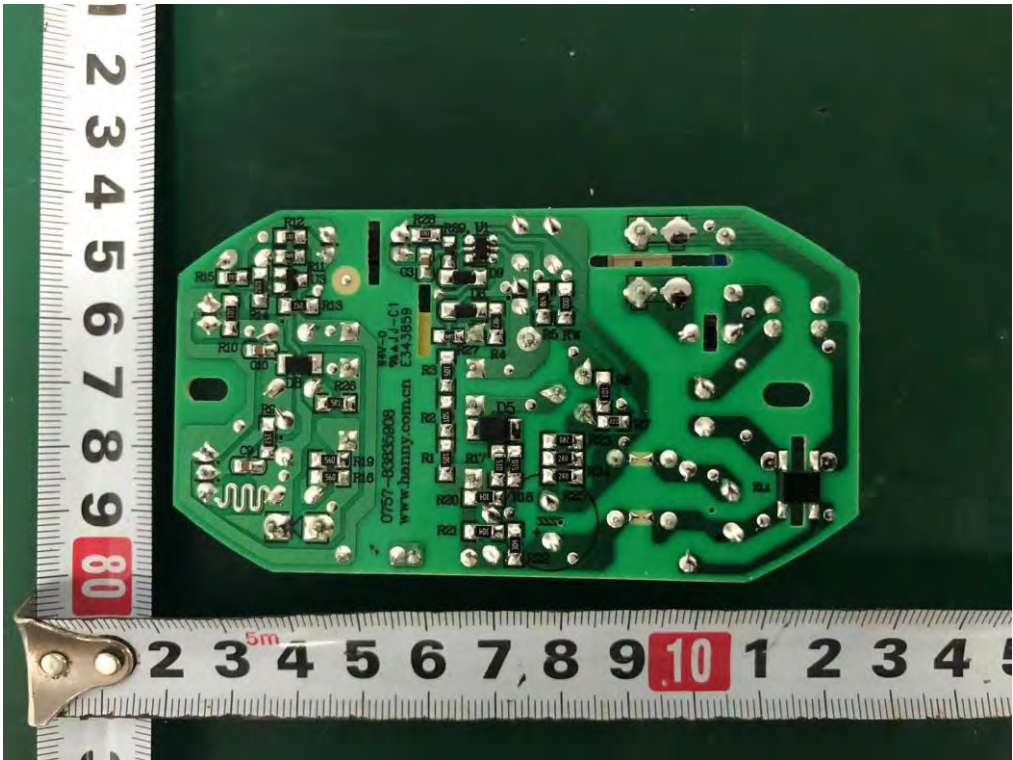
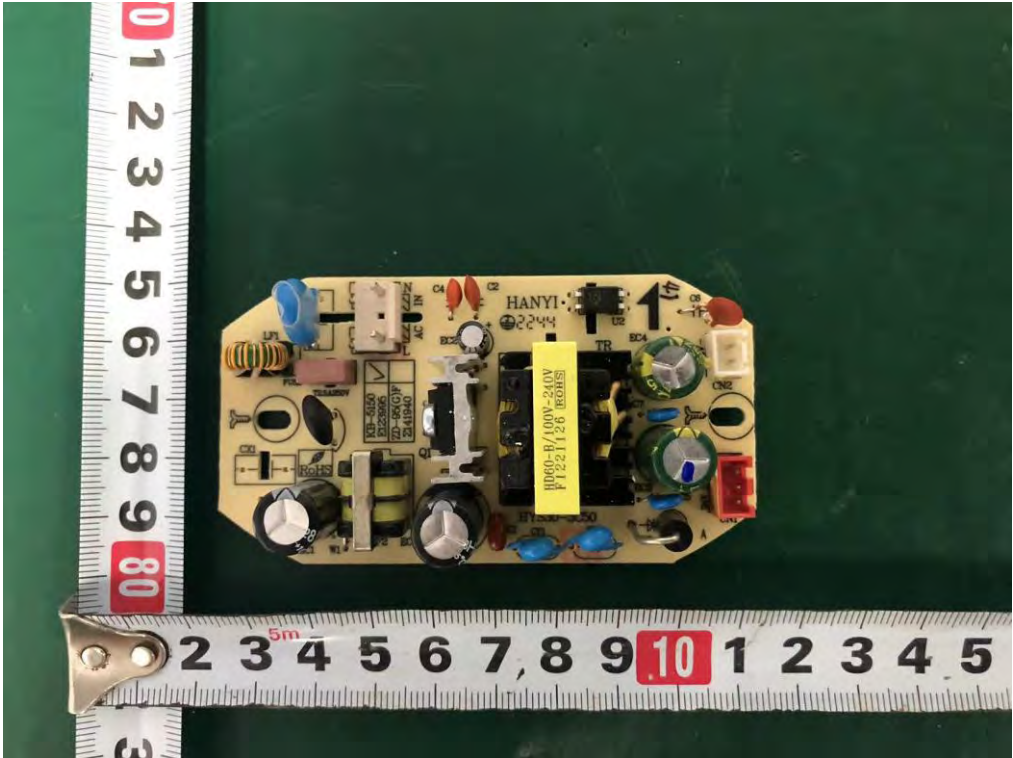
Internal Photos
M/N: Classic300S



Internal Photos
M/N: Classic300S



Internal Photos
M/N: Classic300S



End of Test Report