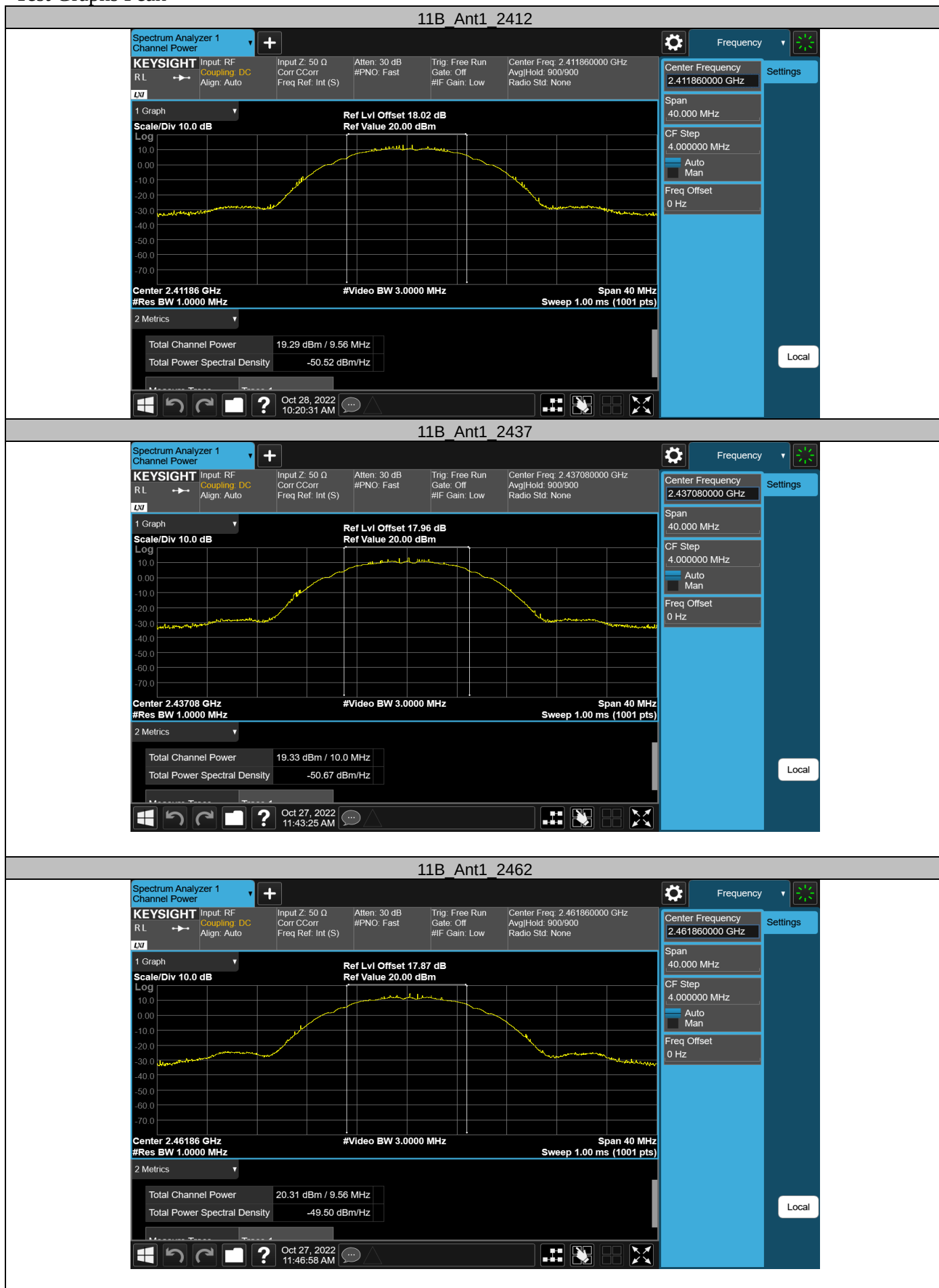


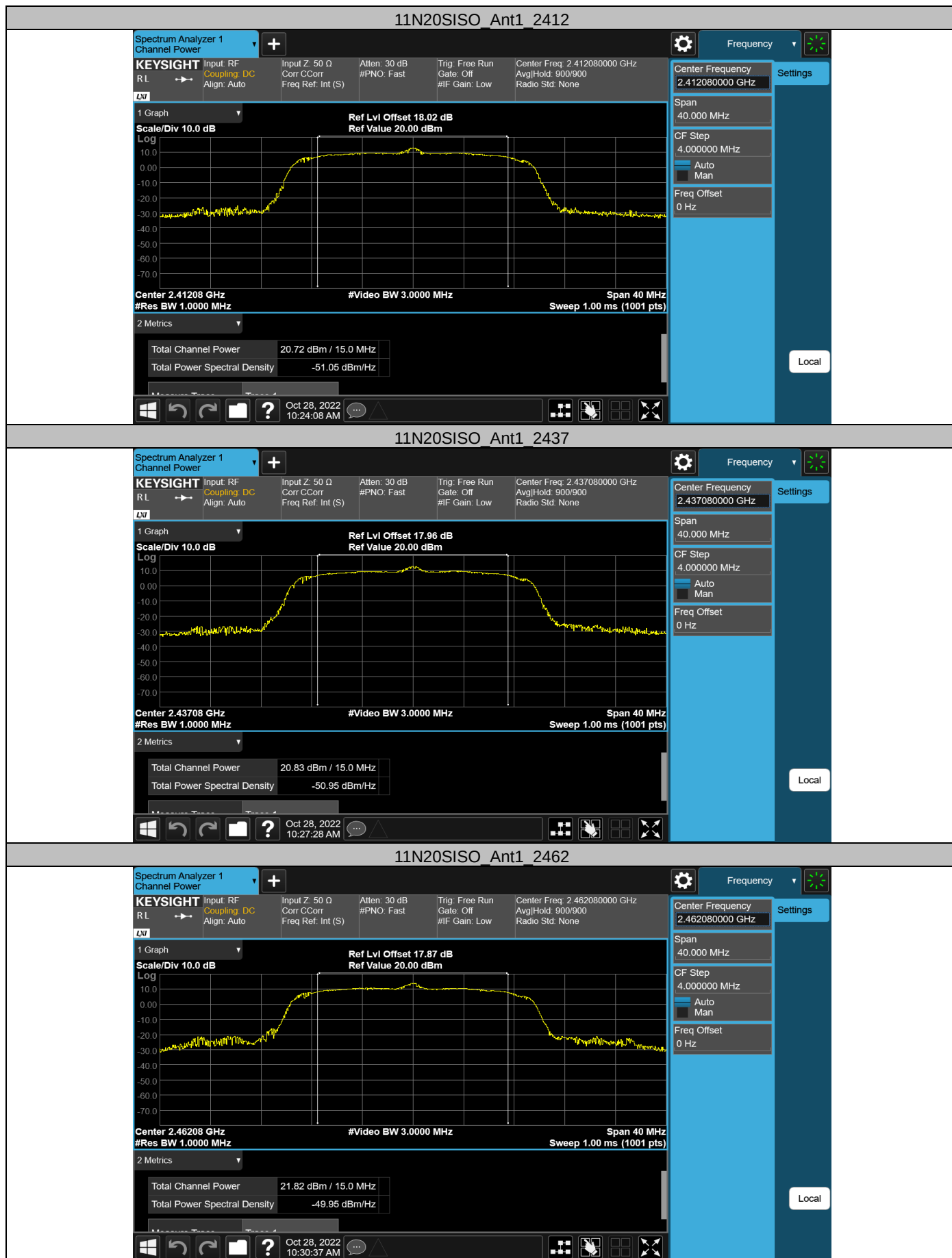
Appendix C: Maximum conducted output power Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	19.29	≤30.00	PASS
		2437	19.33	≤30.00	PASS
		2462	20.31	≤30.00	PASS
11G	Ant1	2412	20.28	≤30.00	PASS
		2437	20.53	≤30.00	PASS
		2462	21.73	≤30.00	PASS
11N20SISO	Ant1	2412	20.72	≤30.00	PASS
		2437	20.83	≤30.00	PASS
		2462	21.82	≤30.00	PASS

Test Graphs Peak



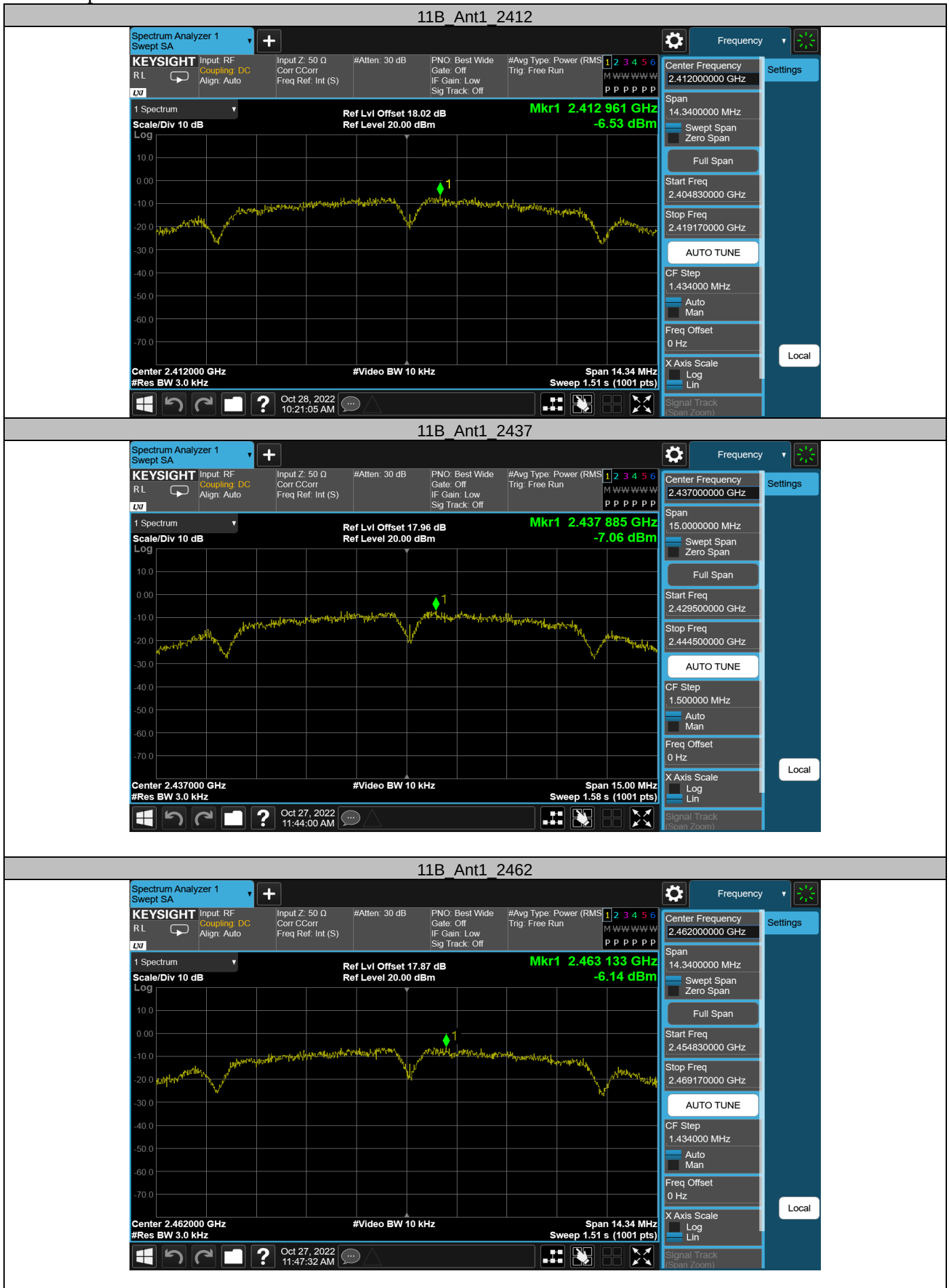




Appendix D: Maximum power spectral density Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-6.53	≤8.00	PASS
		2437	-7.06	≤8.00	PASS
		2462	-6.14	≤8.00	PASS
11G	Ant1	2412	-11.63	≤8.00	PASS
		2437	-11.41	≤8.00	PASS
		2462	-10.25	≤8.00	PASS
11N20SISO	Ant1	2412	-11.39	≤8.00	PASS
		2437	-11.65	≤8.00	PASS
		2462	-10.39	≤8.00	PASS

Test Graphs





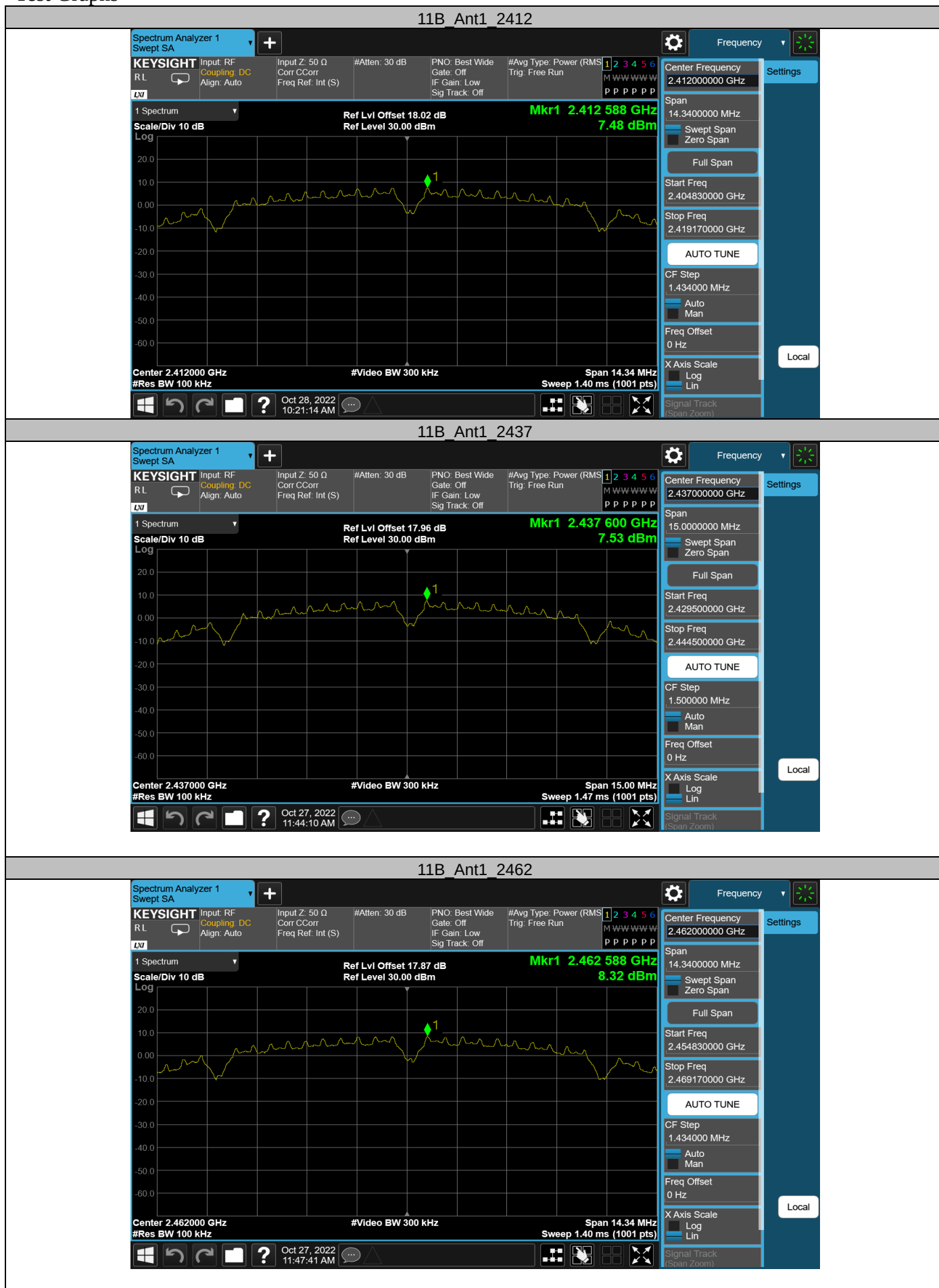


Appendix E: Reference level measurement

Test Result

Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2412.59	7.48
		2437	2437.60	7.53
		2462	2462.59	8.32
11G	Ant1	2412	2413.36	1.89
		2437	2440.85	2.10
		2462	2464.60	3.42
11N20SISO	Ant1	2412	2412.11	5.34
		2437	2437.11	5.51
		2462	2462.11	6.45

Test Graphs





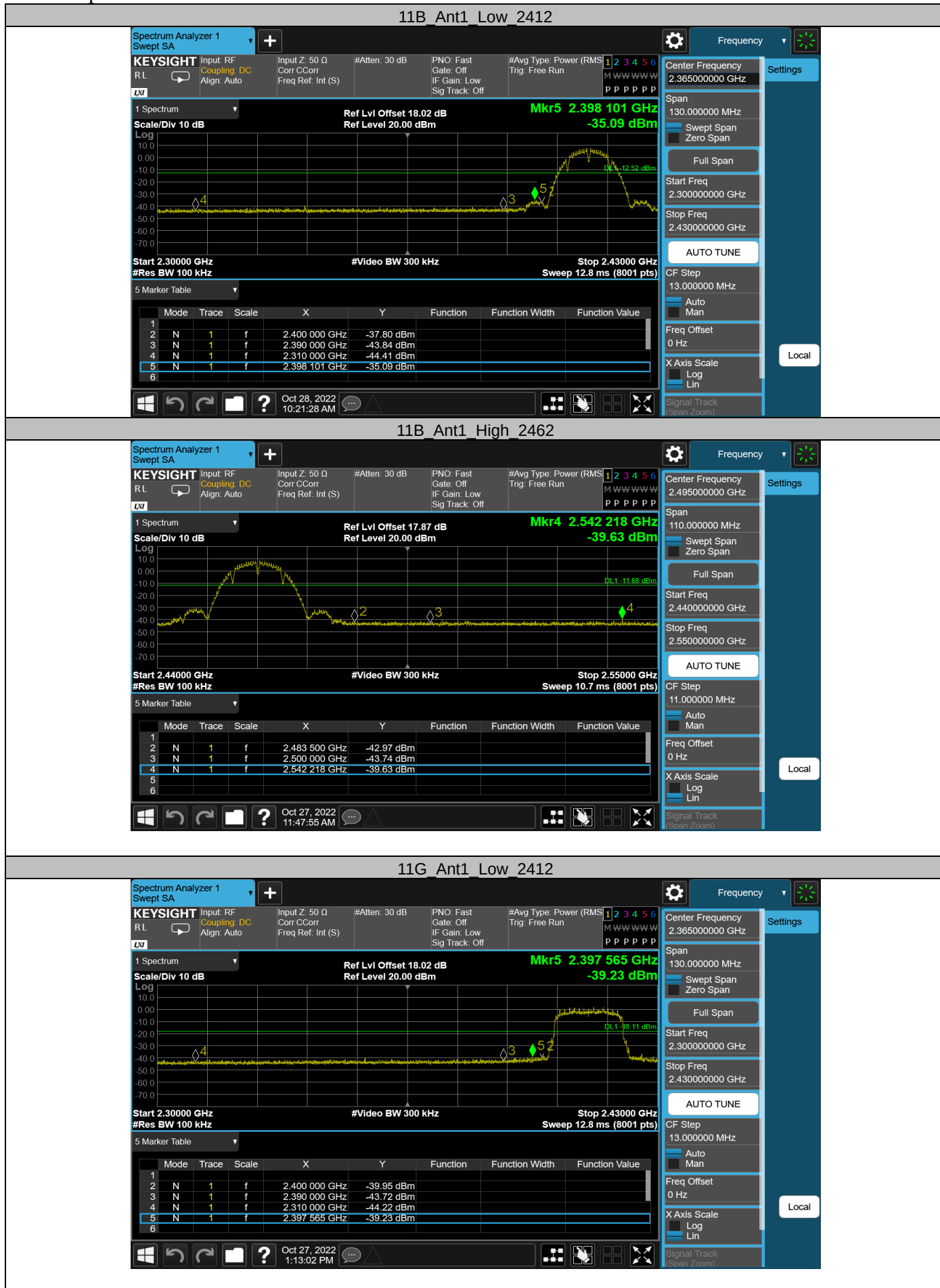


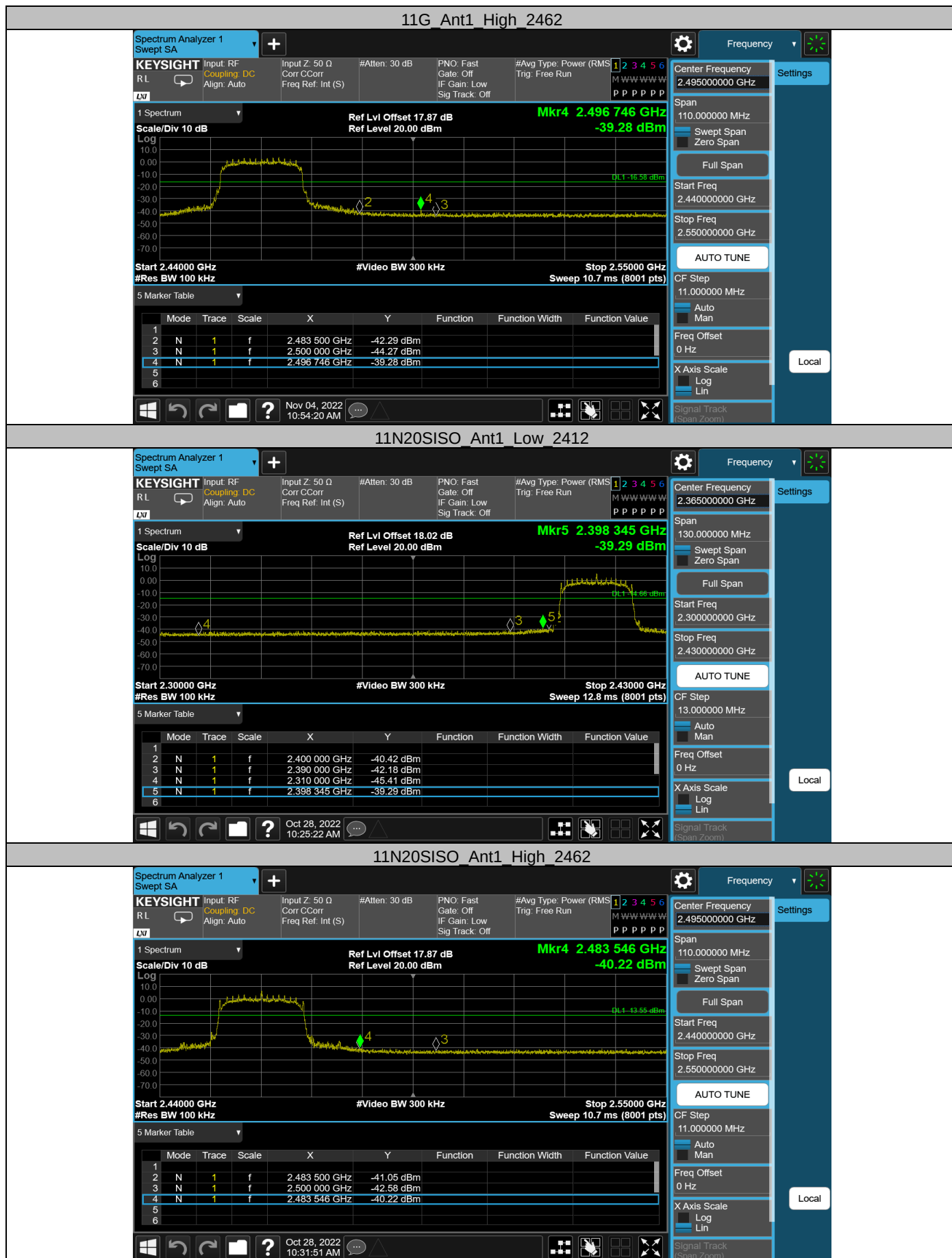
Appendix F: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	7.48	-35.09	≤ -12.52	PASS
		High	2462	8.32	-39.63	≤ -11.68	PASS
11G	Ant1	Low	2412	1.89	-39.23	≤ -18.11	PASS
		High	2462	3.42	-39.28	≤ -16.58	PASS
11N20SISO	Ant1	Low	2412	5.34	-39.29	≤ -14.66	PASS
		High	2462	6.45	-40.22	≤ -13.55	PASS

Test Graphs

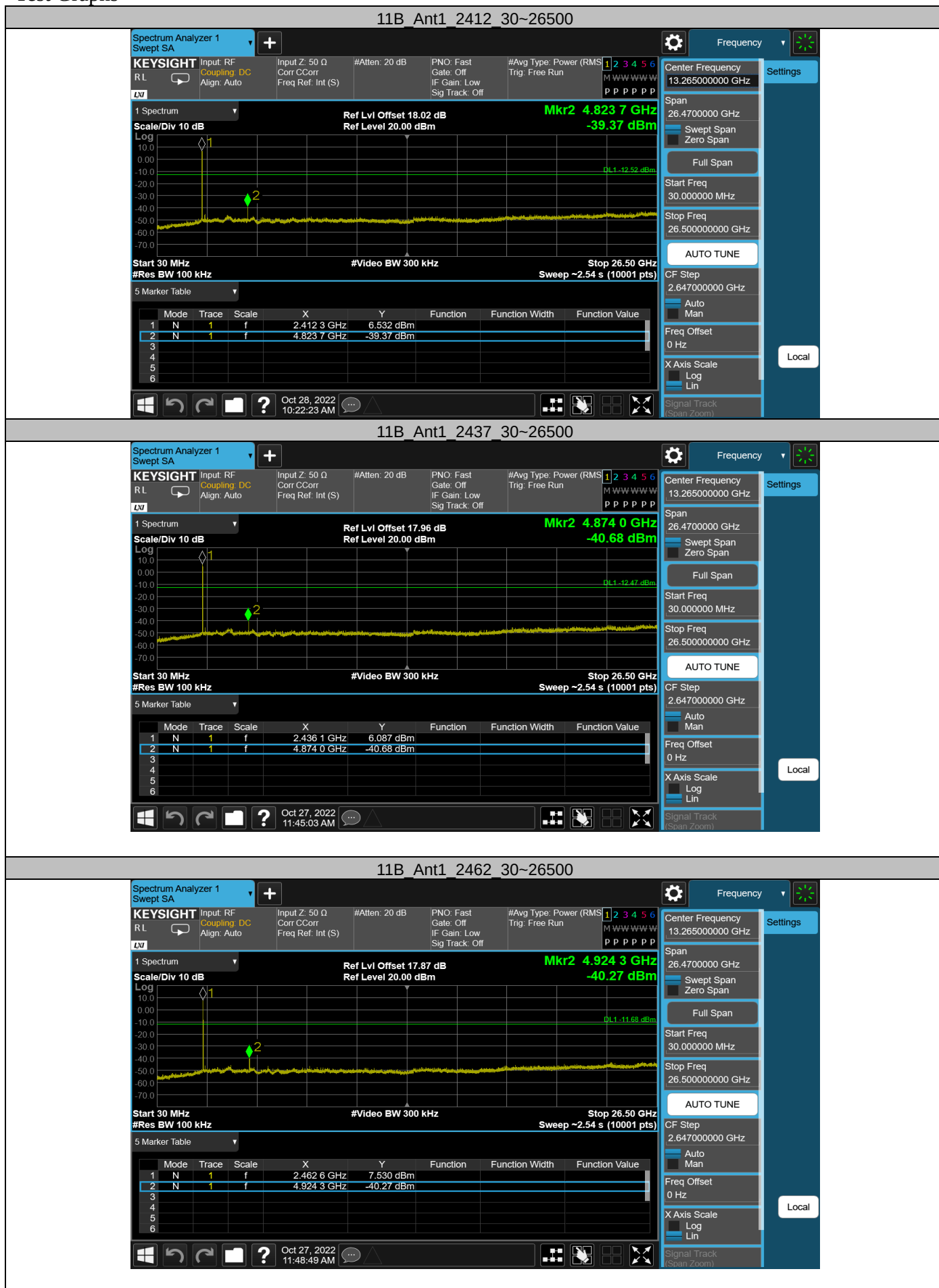


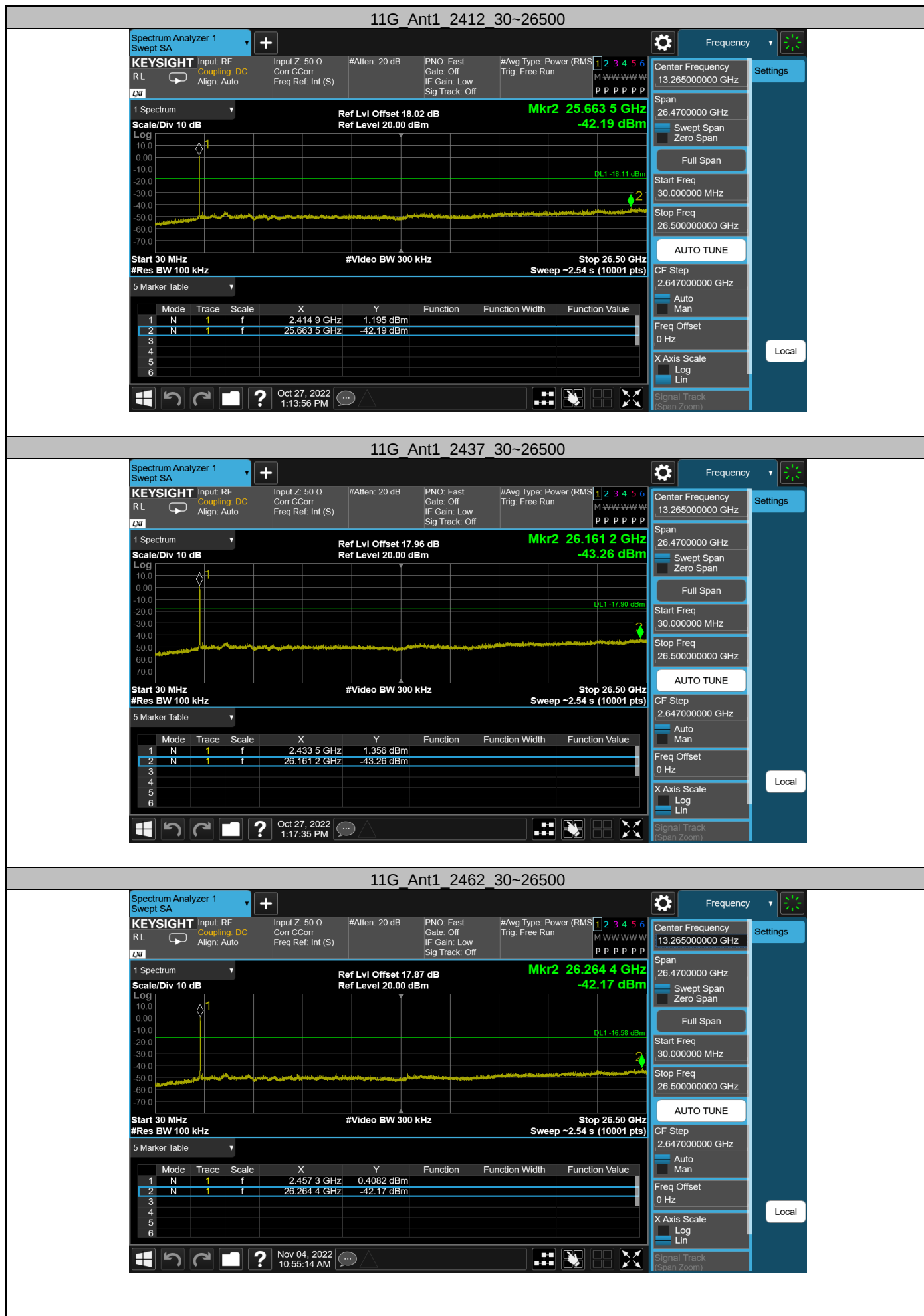


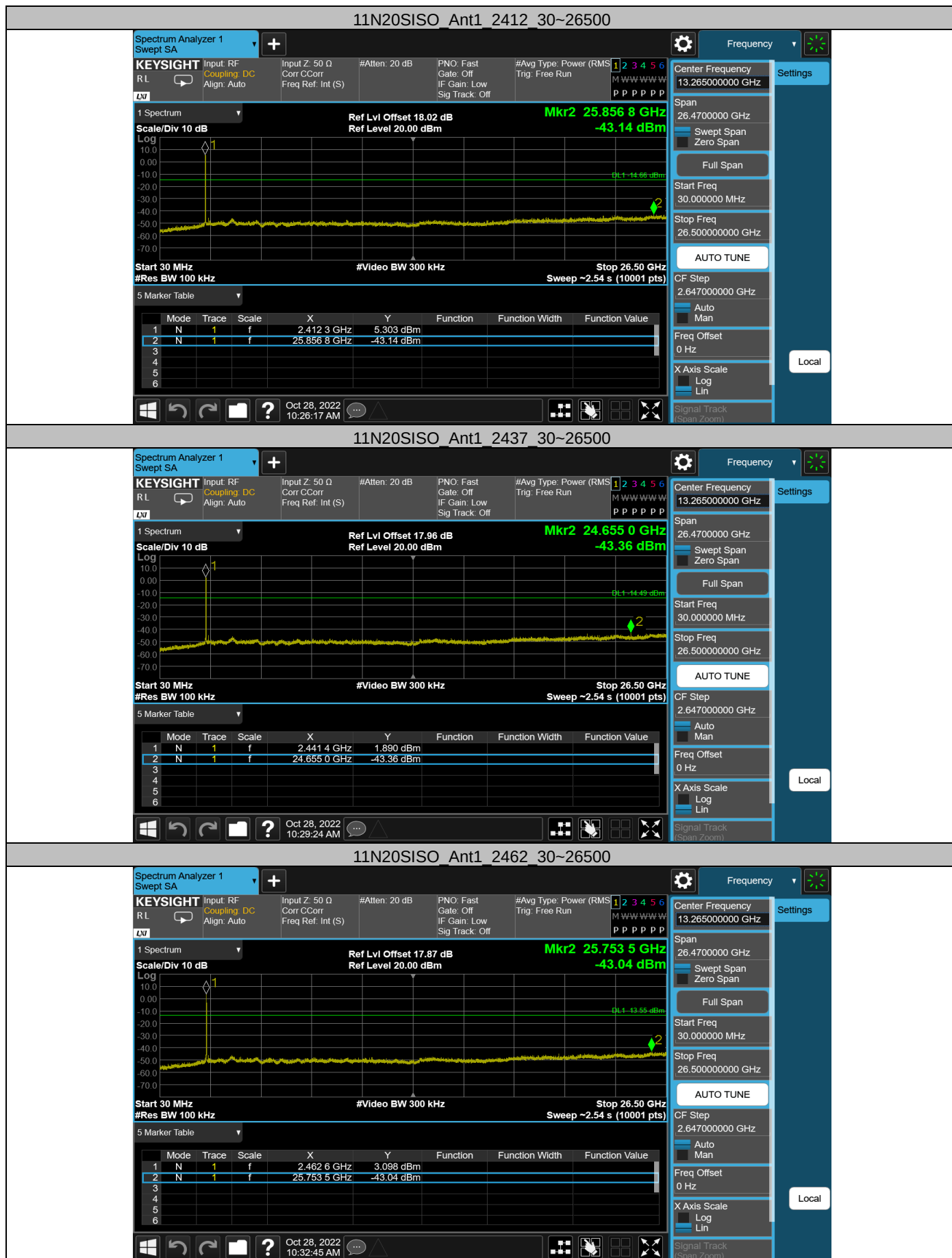
Appendix G: Conducted Spurious Emission Test Result

Test Mode	Antenna	Frequency [MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	7.48	-39.37	≤ -12.52	PASS
		2437	30~26500	7.53	-40.68	≤ -12.47	PASS
		2462	30~26500	8.32	-40.27	≤ -11.68	PASS
11G	Ant1	2412	30~26500	1.89	-42.19	≤ -18.11	PASS
		2437	30~26500	2.10	-43.26	≤ -17.9	PASS
		2462	30~26500	3.42	-42.17	≤ -16.58	PASS
11N20SISO	Ant1	2412	30~26500	5.34	-43.14	≤ -14.66	PASS
		2437	30~26500	5.51	-43.36	≤ -14.49	PASS
		2462	30~26500	6.45	-43.04	≤ -13.55	PASS

Test Graphs

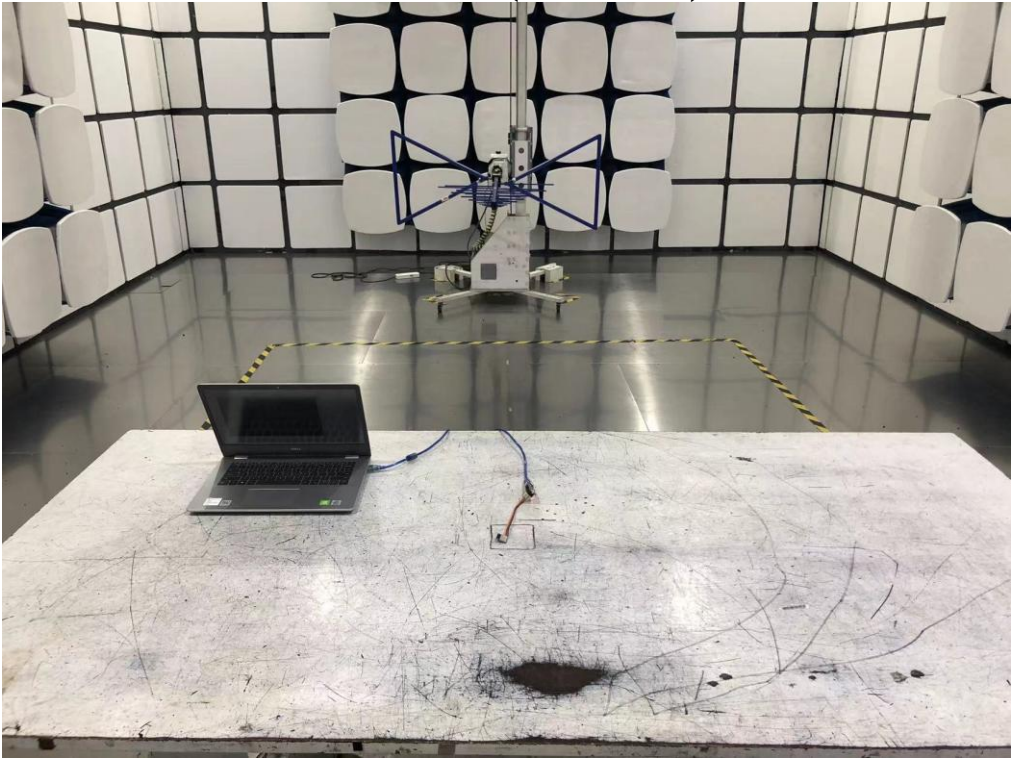






11. TEST SETUP PHOTO

Radiated Test (Below 1GHz)

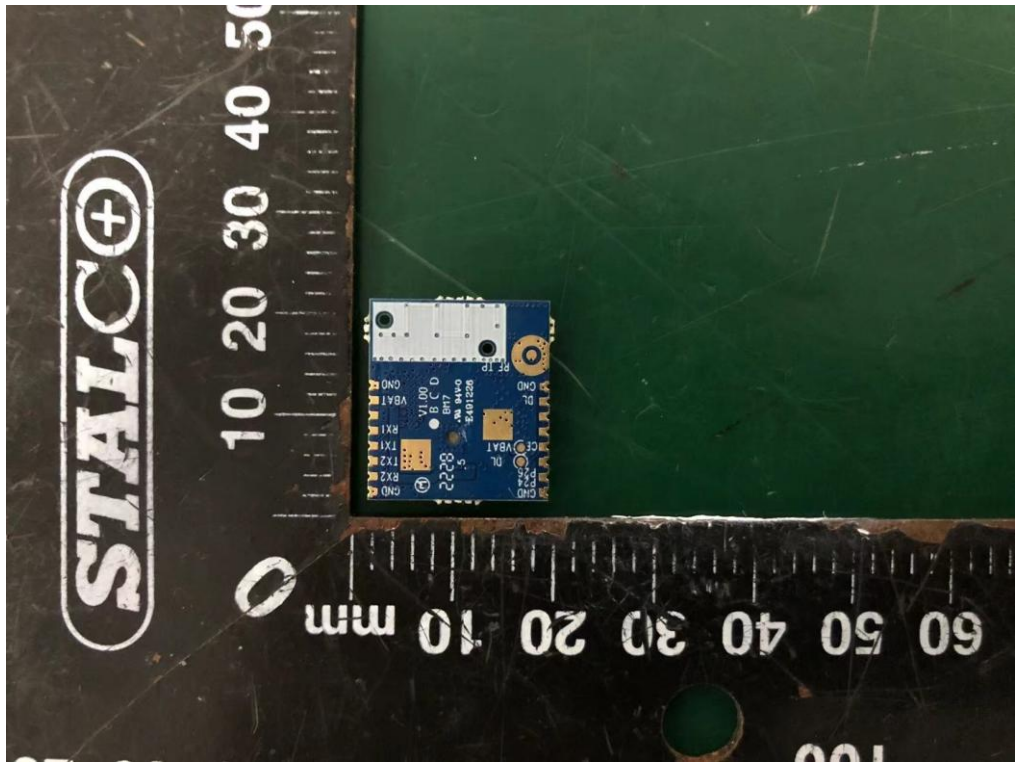


Radiated Test (Above 1GHz)

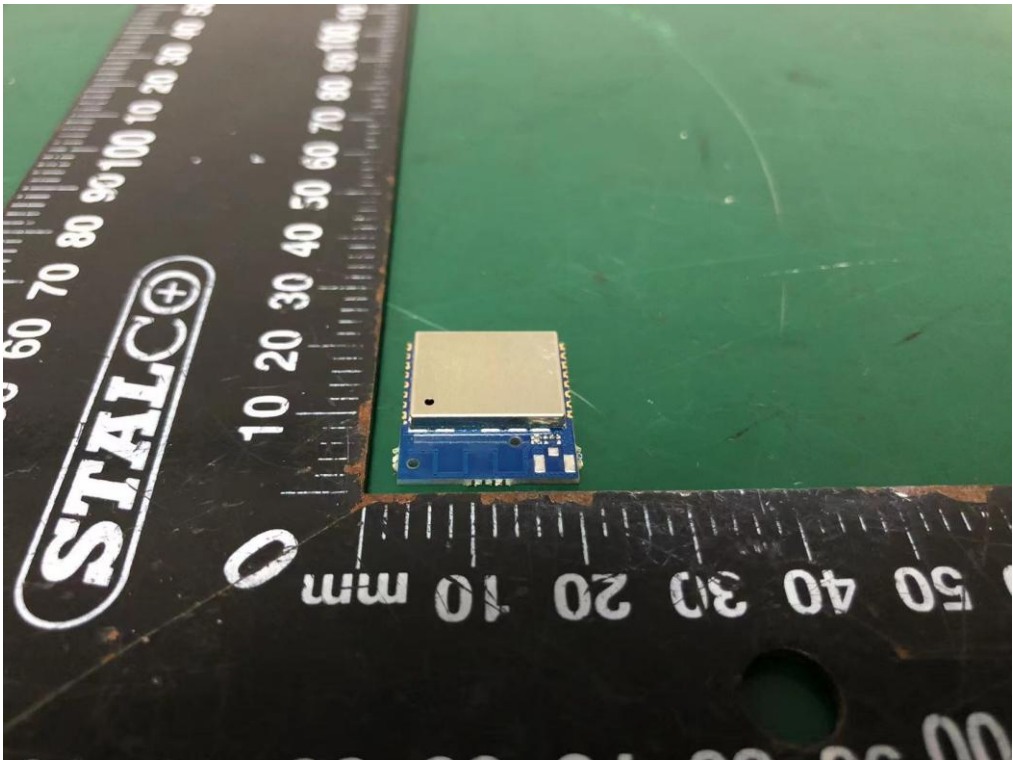
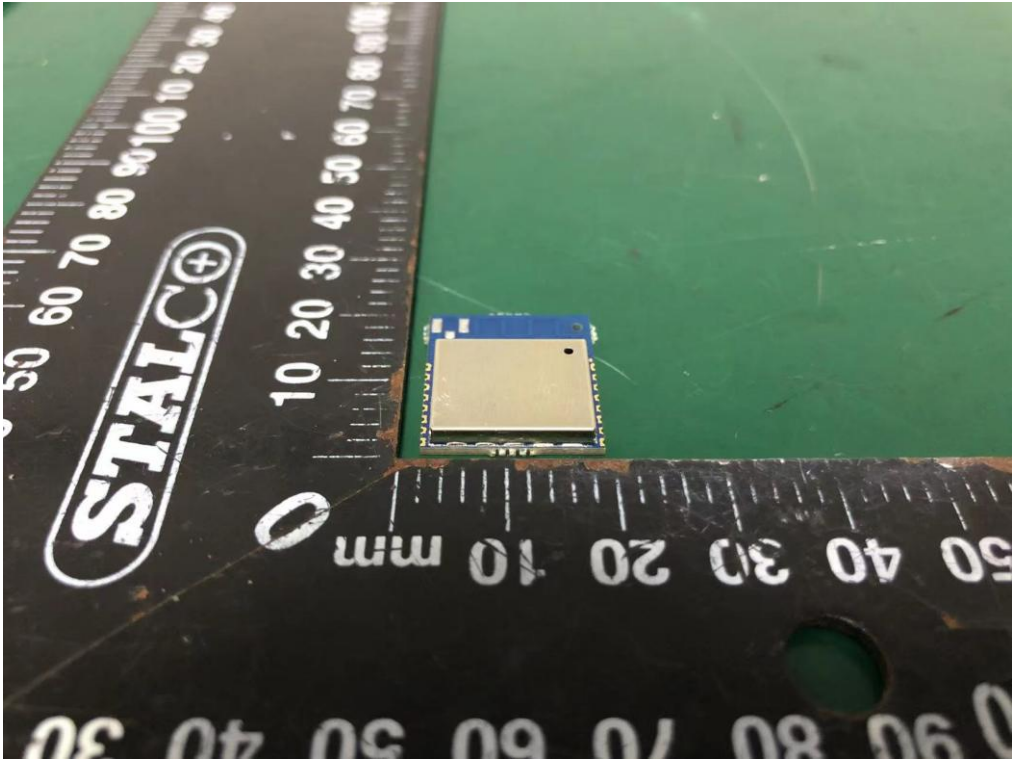


12. EUT PHOTO

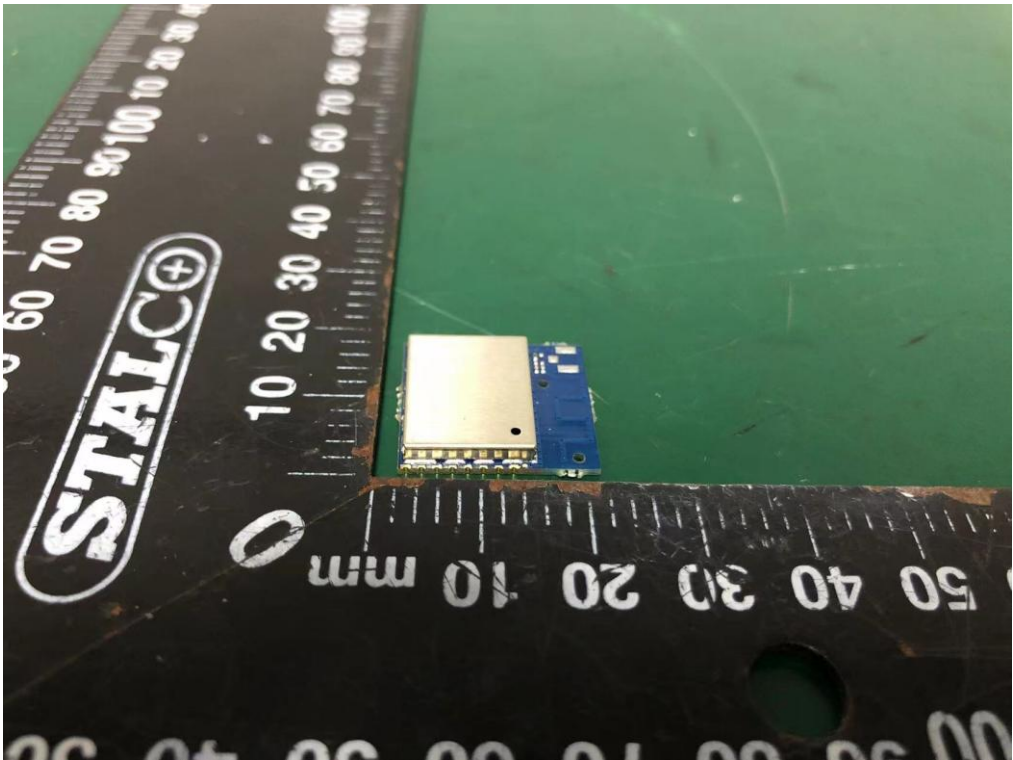
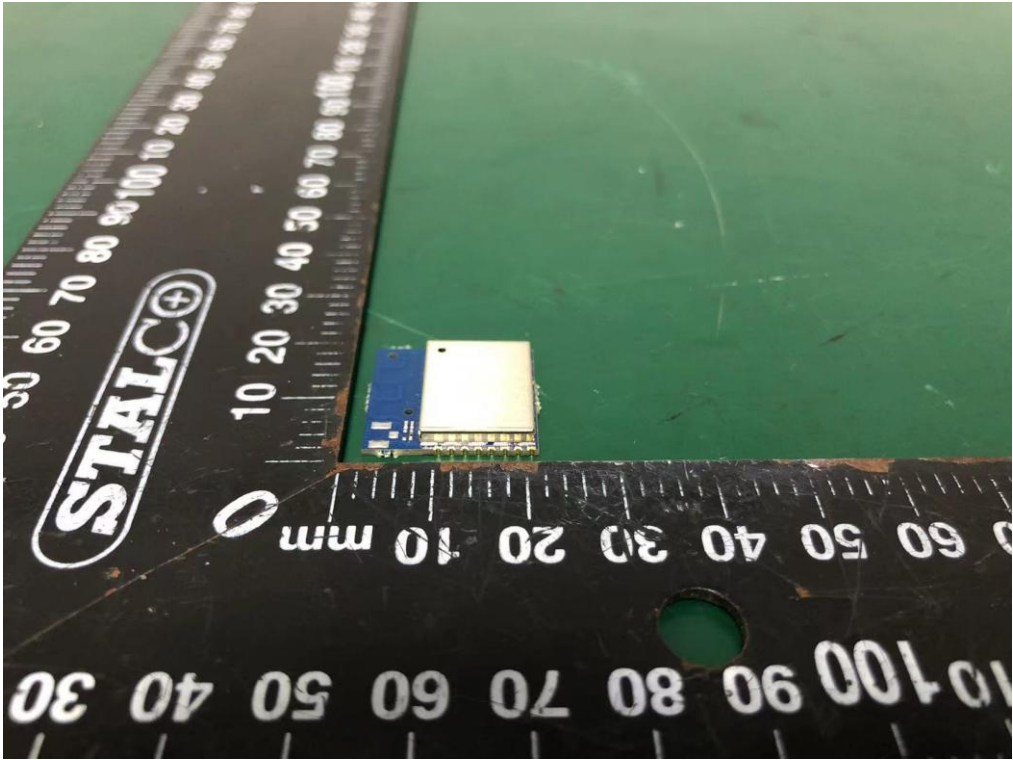
External Photos
M/N: HL3215STG



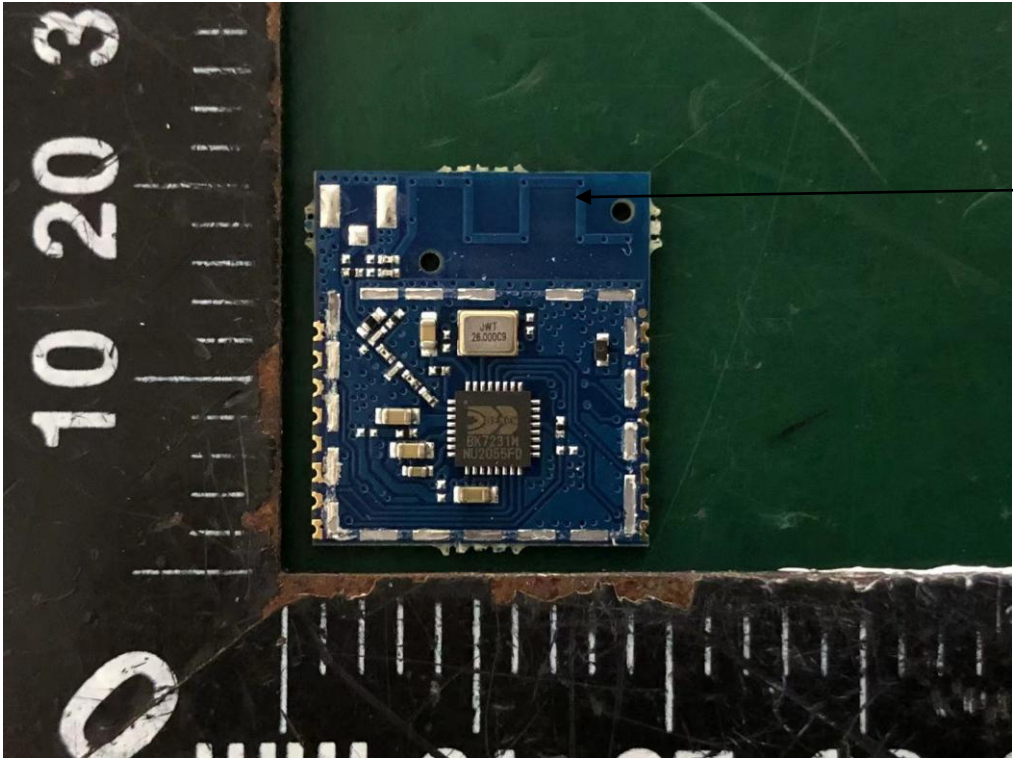
External Photos
M/N: HL3215STG



External Photos
M/N: HL3215STG



Internal Photos
M/N: HL3215STG



Wi-Fi
Antenna

End of Test Report