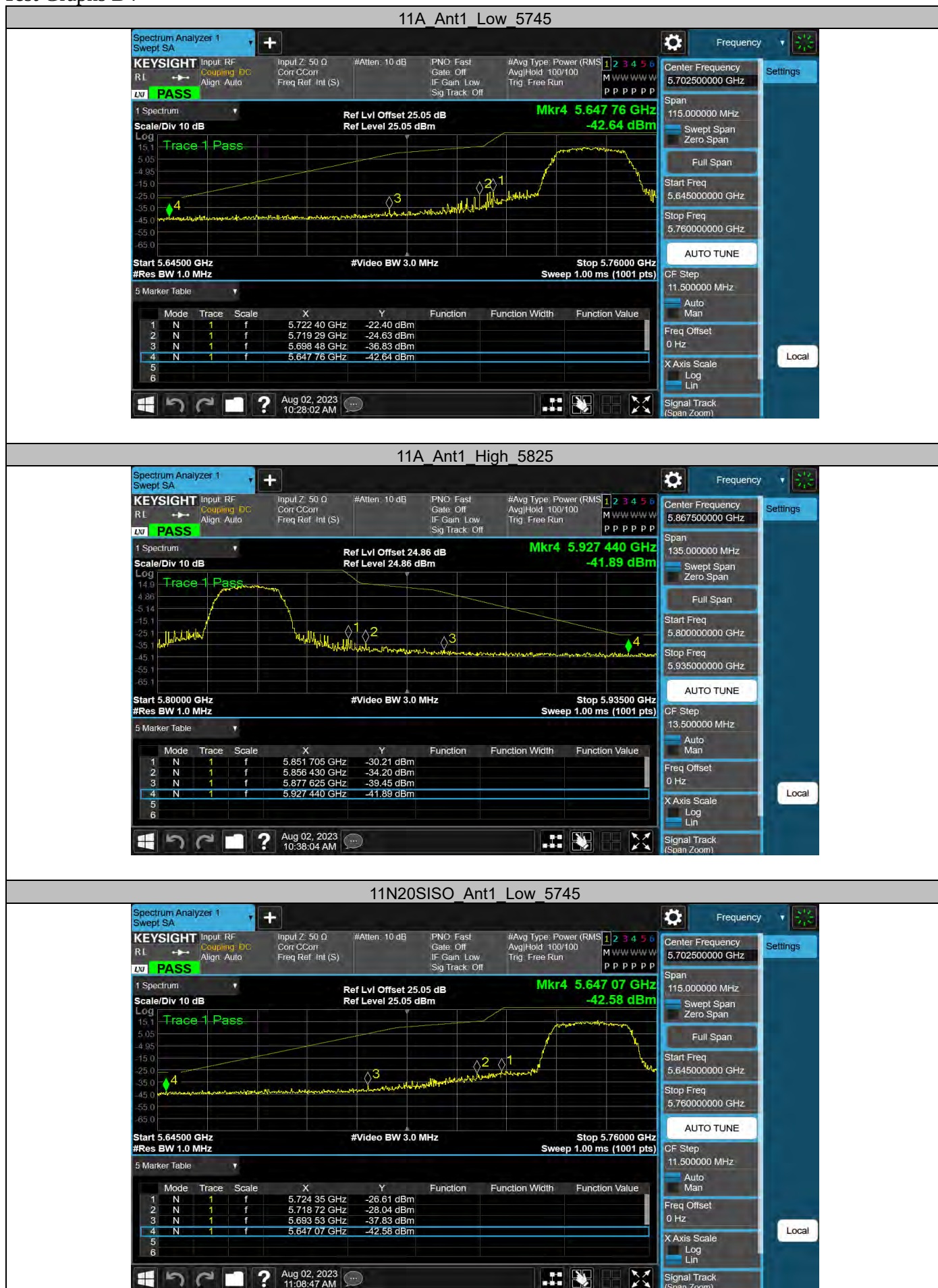


Appendix G: Band edge measurements

Test Result B4

Test Mode	Antenna	Ch Name	Frequency [MHz]	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-36.83	≤8.87	PASS
				5700~5720	-24.63	≤15.40	PASS
				5720~5725	-22.4	≤21.06	PASS
				5760~5650	-42.64	≤-27	PASS
		High	5825	5850~5855	-30.21	≤19.49	PASS
				5855~5875	-34.21	≤10.40	PASS
				5875~5925	-39.45	≤-25.06	PASS
				5925~5935	-41.89	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-37.83	≤5.21	PASS
				5700~5720	-28.04	≤15.24	PASS
				5720~5725	-26.61	≤25.52	PASS
				5760~5650	-42.58	≤-27	PASS
		High	5825	5850~5855	-30.61	≤21.64	PASS
				5855~5875	-32.48	≤10.02	PASS
				5875~5925	-39.06	≤-23.06	PASS
				5925~5935	-41.05	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-31.92	≤9.36	PASS
				5700~5720	-23.81	≤13.08	PASS
				5720~5725	-24.98	≤19.74	PASS
				5780~5650	-42.02	≤-27	PASS
		High	5795	5850~5855	-36.11	≤24.31	PASS
				5855~5875	-35.46	≤10.87	PASS
				5875~5925	-38.89	≤-23.38	PASS
				5925~5935	-40.12	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-38.95	≤9.55	PASS
				5700~5720	-29.66	≤14.89	PASS
				5720~5725	-29.46	≤26.57	PASS
				5760~5650	-43.01	≤-27	PASS
		High	5825	5850~5855	-33.52	≤17.64	PASS
				5855~5875	-35.87	≤10.10	PASS
				5875~5925	-40.44	≤-26.26	PASS
				5925~5935	-41.78	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-31.71	≤8.56	PASS
				5700~5720	-25.88	≤15.05	PASS
				5720~5725	-25.16	≤24.97	PASS
				5780~5650	-40.88	≤-27	PASS
		High	5795	5850~5855	-36.36	≤19.80	PASS
				5855~5875	-36.54	≤10.73	PASS
				5875~5925	-39.57	≤-22.53	PASS
				5925~5935	-40.38	≤-27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-29.13	≤7.15	PASS
				5700~5720	-26.86	≤13.22	PASS
				5720~5725	-25.5	≤20.95	PASS
				5800~5650	-38.99	≤-27	PASS

Test Graphs B4



11N20SISO Ant1 High 5825



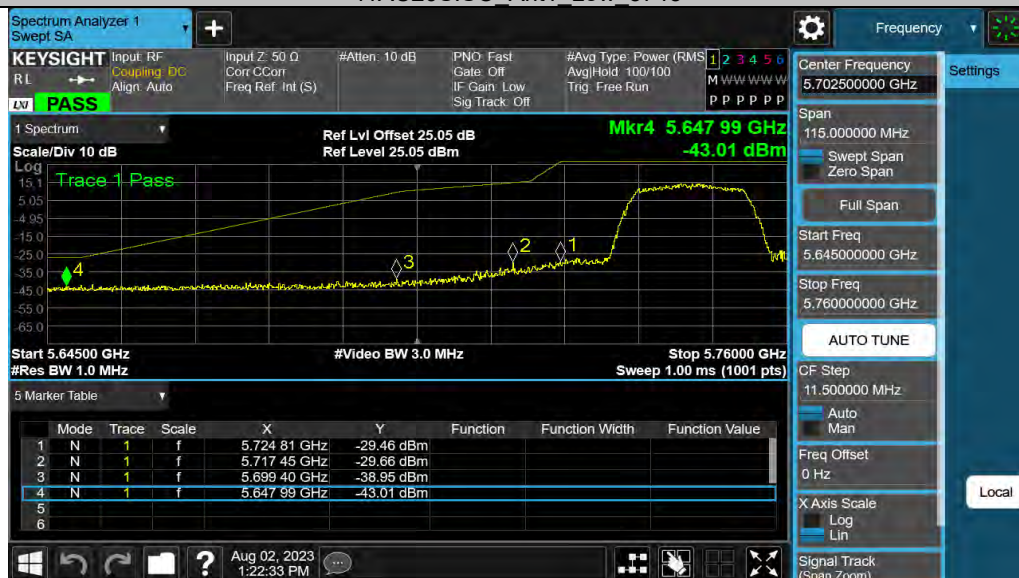
11N40SISO Ant1 Low 5755



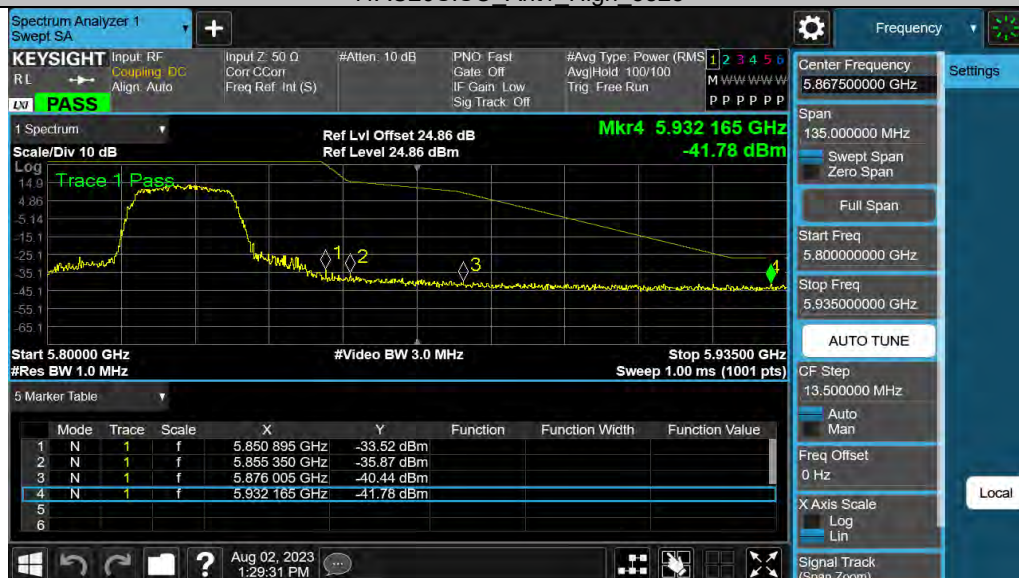
11N40SISO Ant1 High 5795



11AC20SISO Ant1 Low 5745

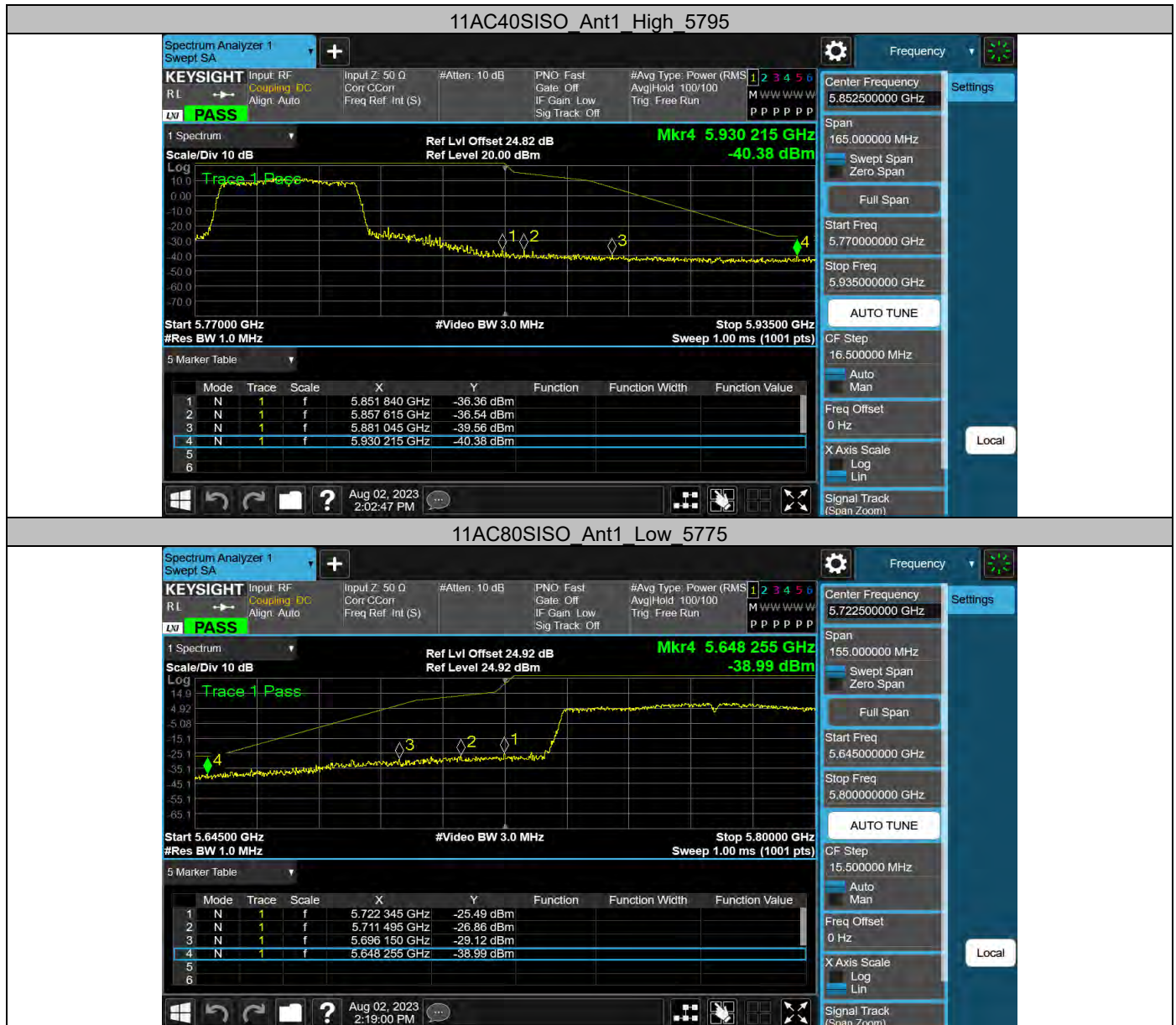


11AC20SISO Ant1 High 5825



11AC40SISO Ant1 Low 5755





Appendix H: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Frequency[M Hz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	-20000.00	-3.802281	20	PASS
		5500	NV	NT	-20000.00	-3.636364	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	-20000.00	-3.481288	20	PASS

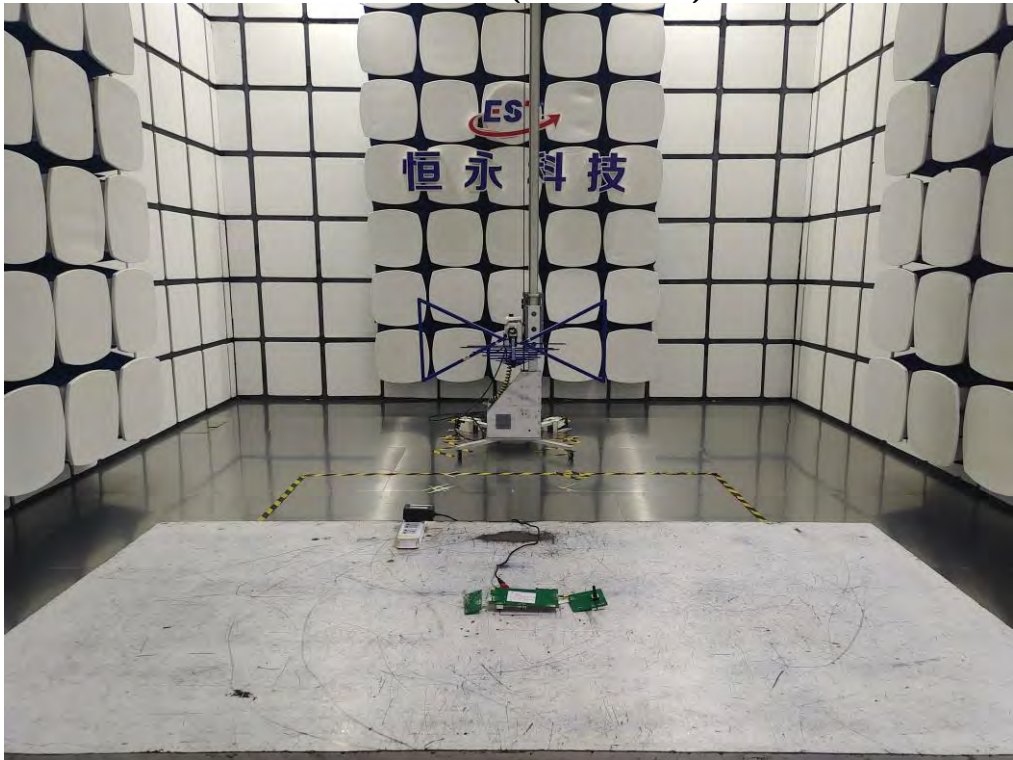
Temperature								
Test Mode	Antenna	Frequency[M Hz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5260	NV	50	-20000.00	-3.861004	20	PASS
			NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS
			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	0.00	0.000000	20	PASS
		5500	NV	40	-20000.00	-3.802281	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
			NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.636364	20	PASS
			NV	20	-20000.00	-3.636364	20	PASS
		5745	NV	30	-20000.00	-3.636364	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.636364	20	PASS
			NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	-20000.00	-3.481288	20	PASS
			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	0.00	0.000000	20	PASS

11. TEST SETUP PHOTO

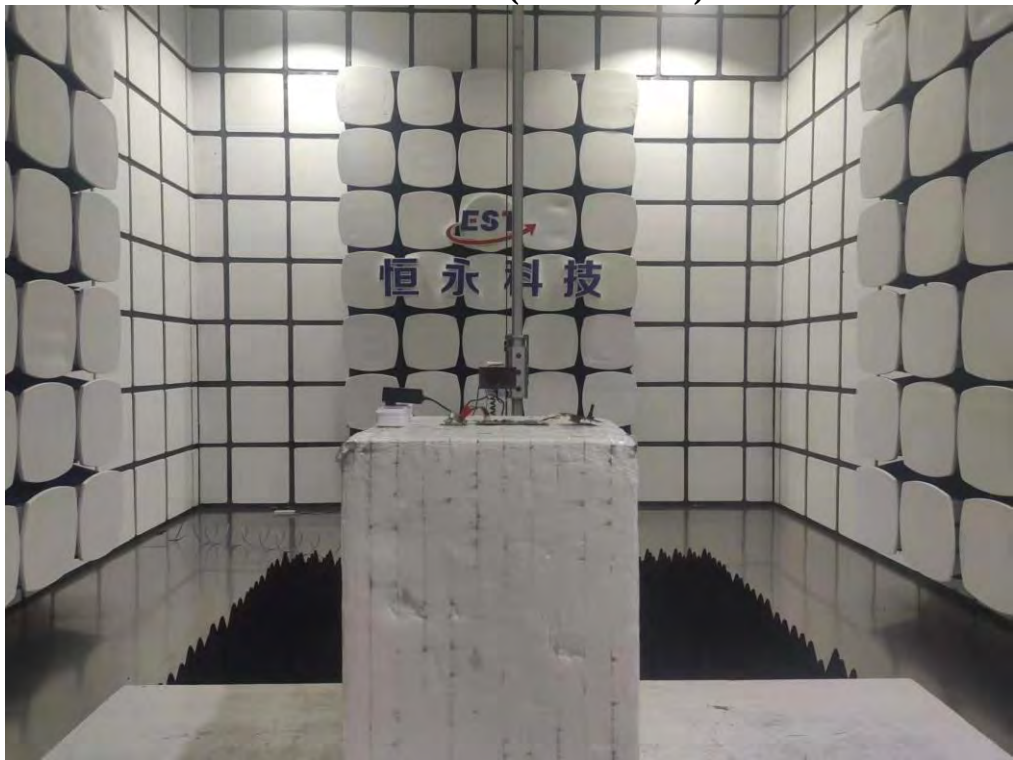
Conducted Test



Radiated Test (Below 1GHz)

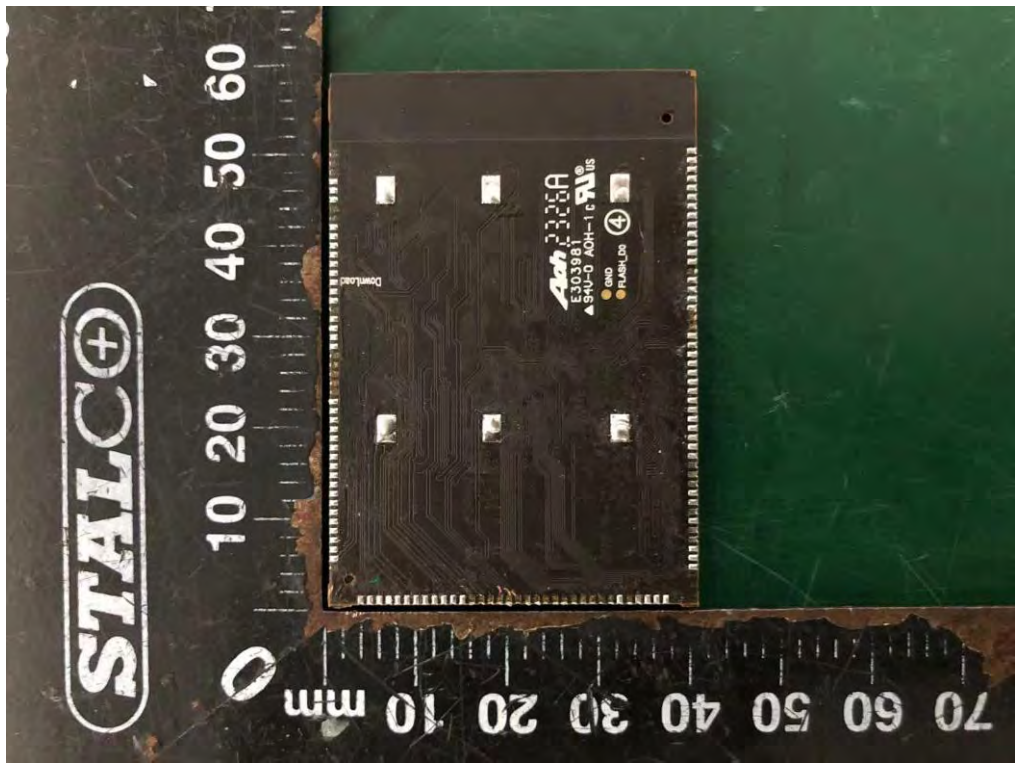
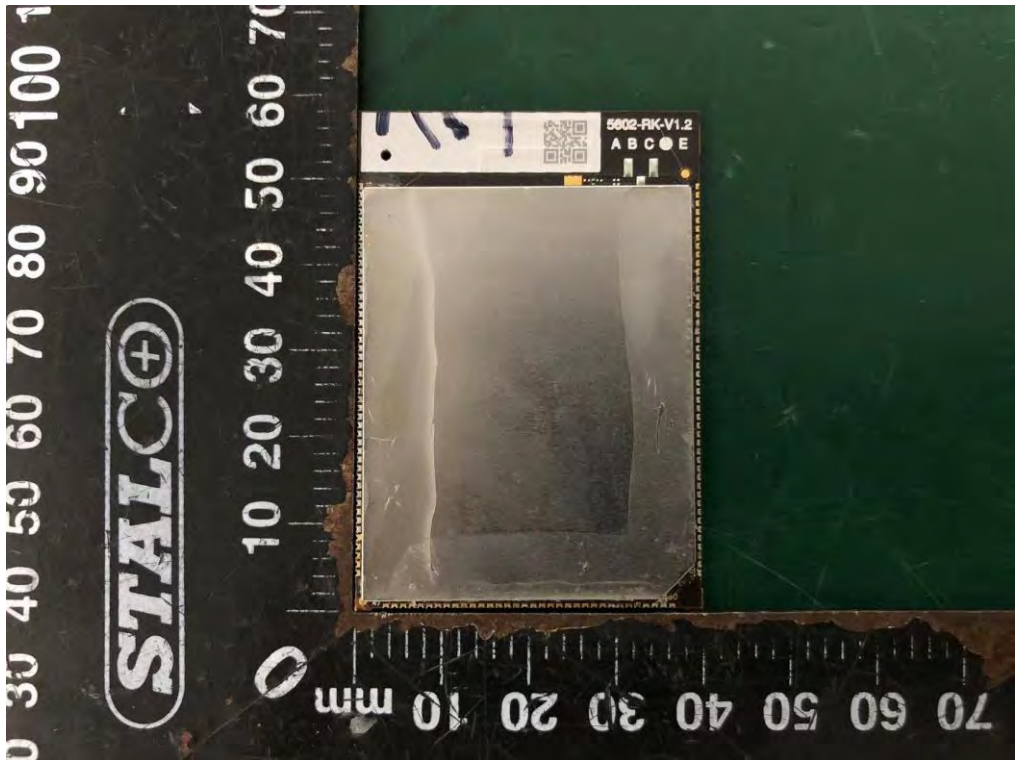


Radiated Test (Above 1GHz)

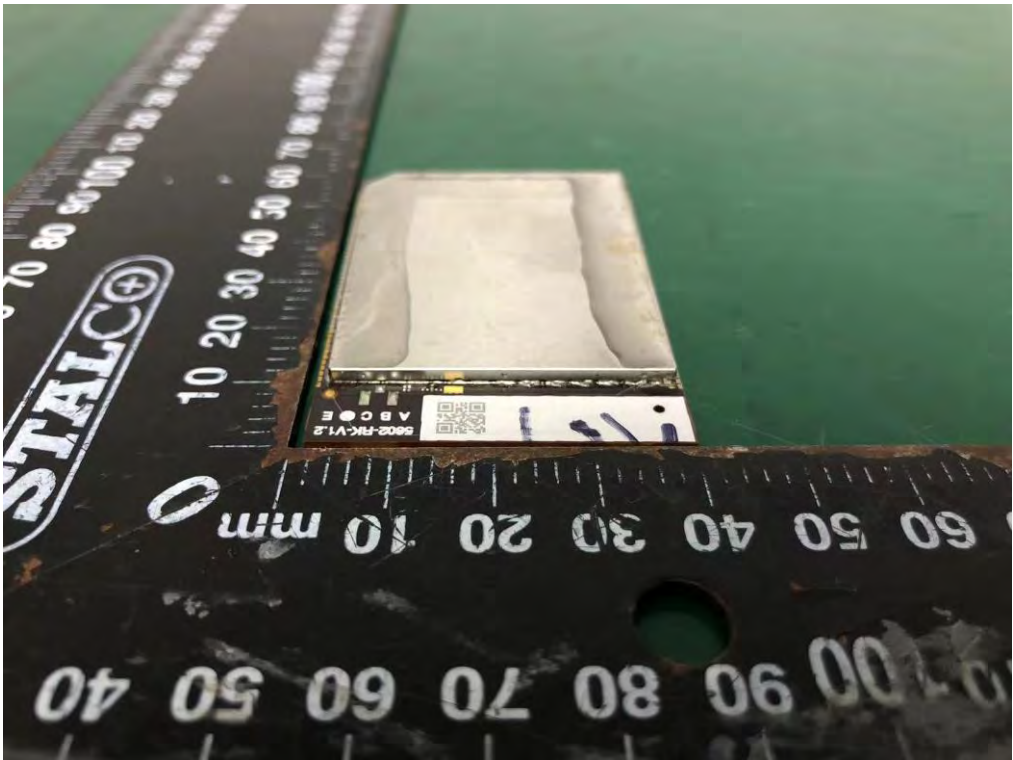
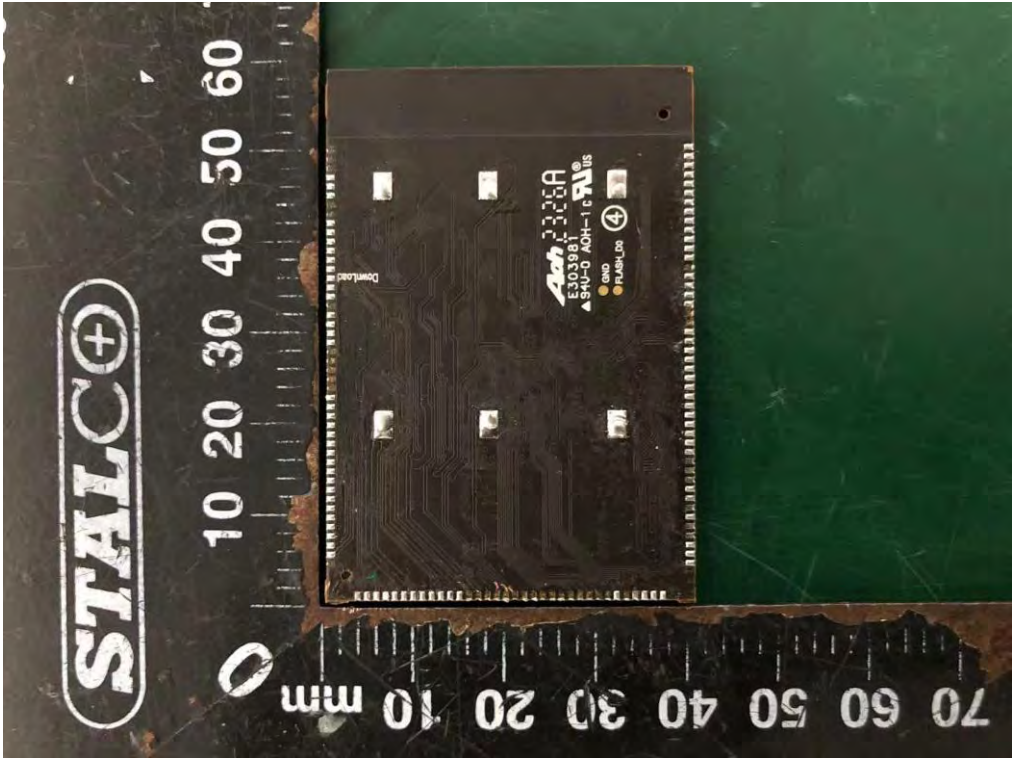


12. EUT PHOTO

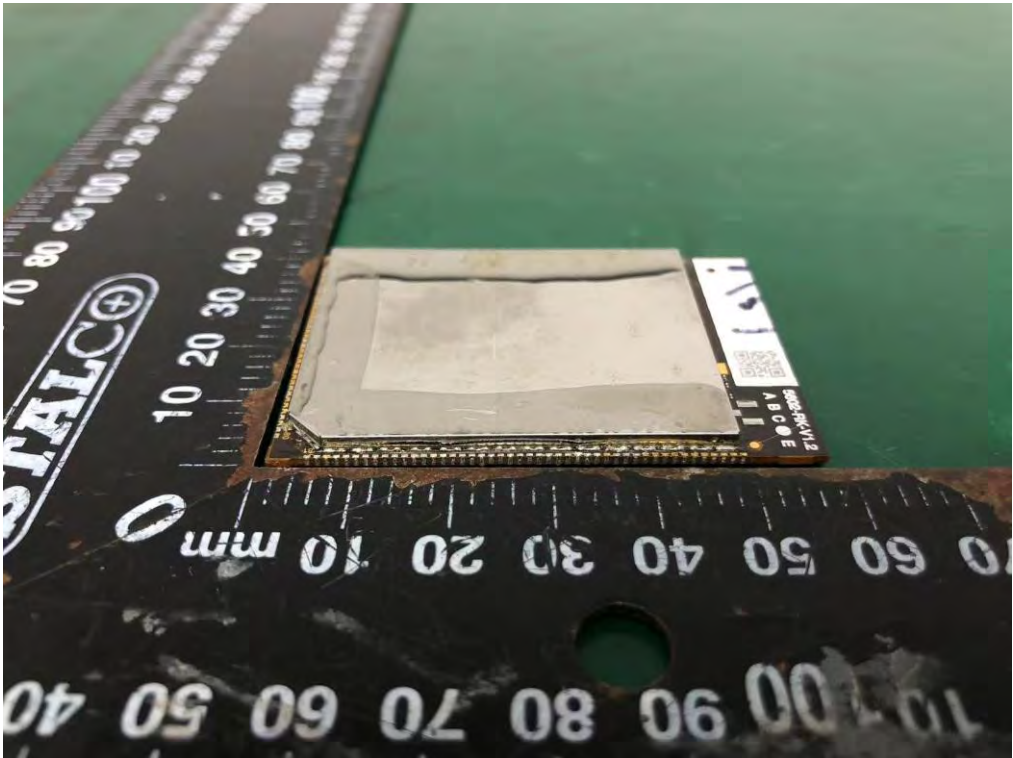
External Photos
M/N: HLP5602-GWM



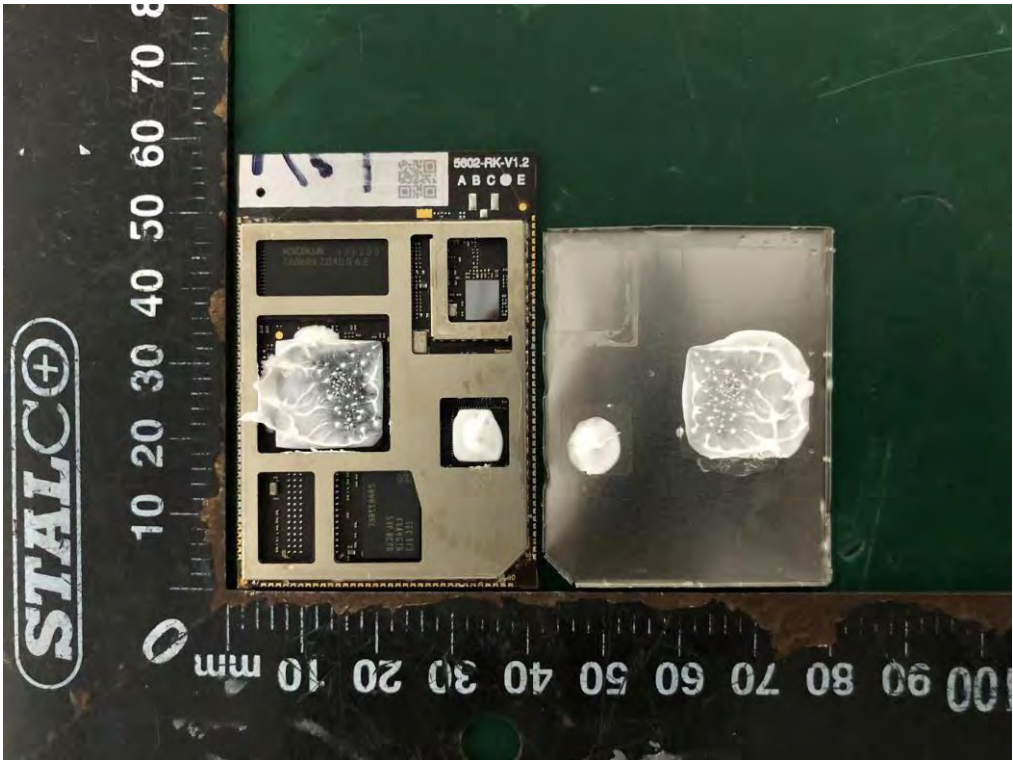
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M/N: HLP5602-GWM



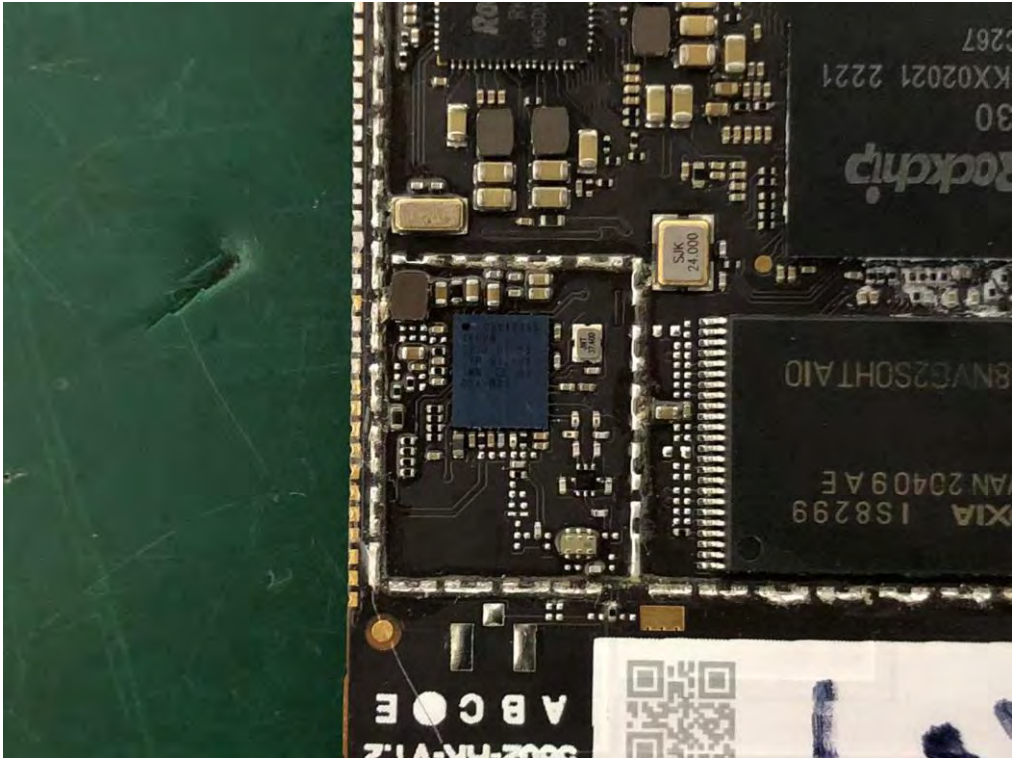
External Photos
M/N: HLP5602-GWM



Internal Photos
M/N: HLP5602-GWM



Internal Photos
M/N: HLP5602-GWM



End of Test Report