

Appendix C: Emission Bandwidth Test Result

Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
FSK	Ant1	5729	4.060	5726.910	5730.970	---	---
		5789	4.070	5786.910	5790.980	---	---
		5849	4.090	5846.900	5850.990	---	---

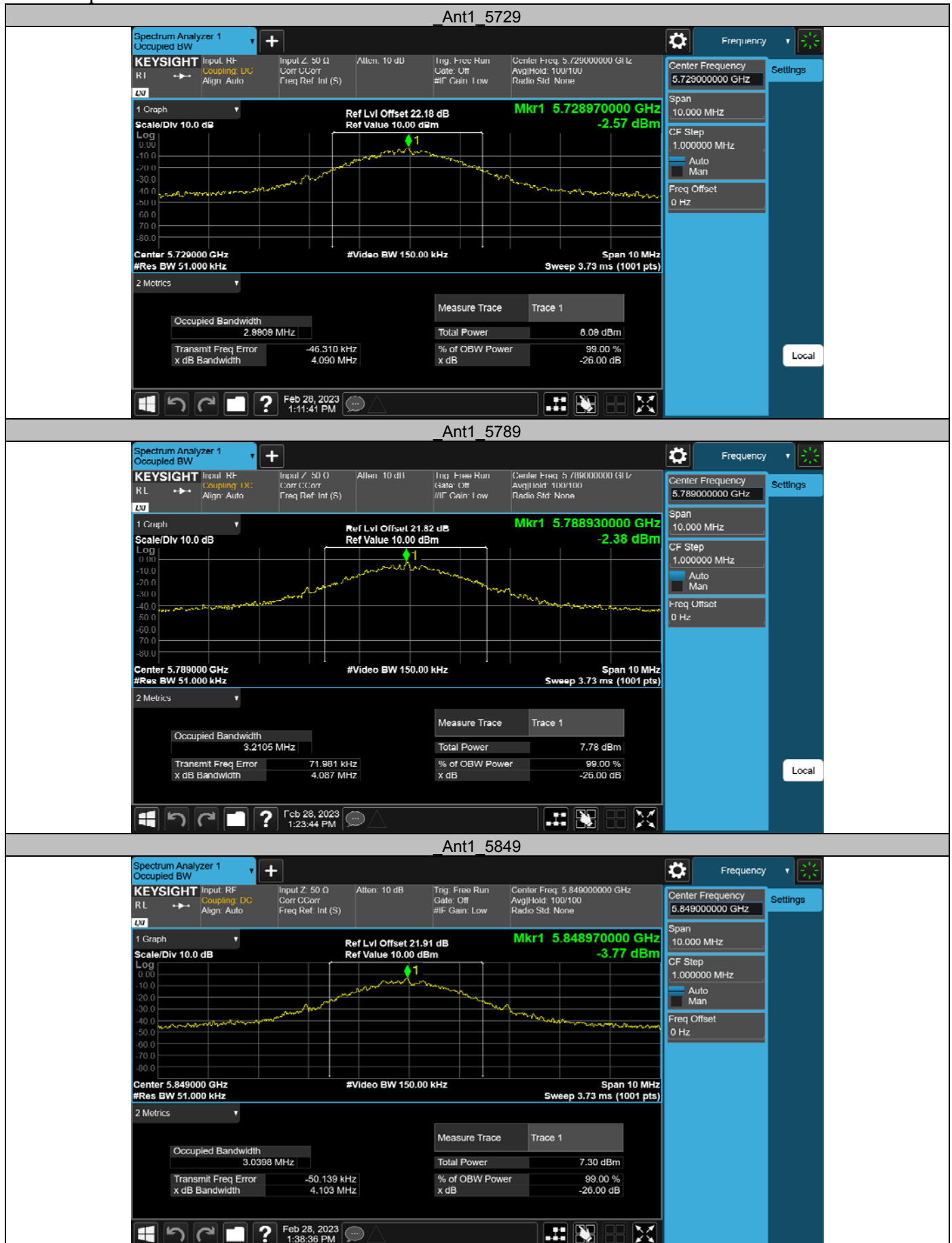
Test Graphs



Appendix D: Occupied channel bandwidth
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
FSK	Ant1	5729	2.9909	5727.4582	5730.4491	---	---
		5789	3.2105	5787.3228	5790.5333	---	---
		5849	3.0398	5847.4300	5850.4698	---	---

Test Graphs

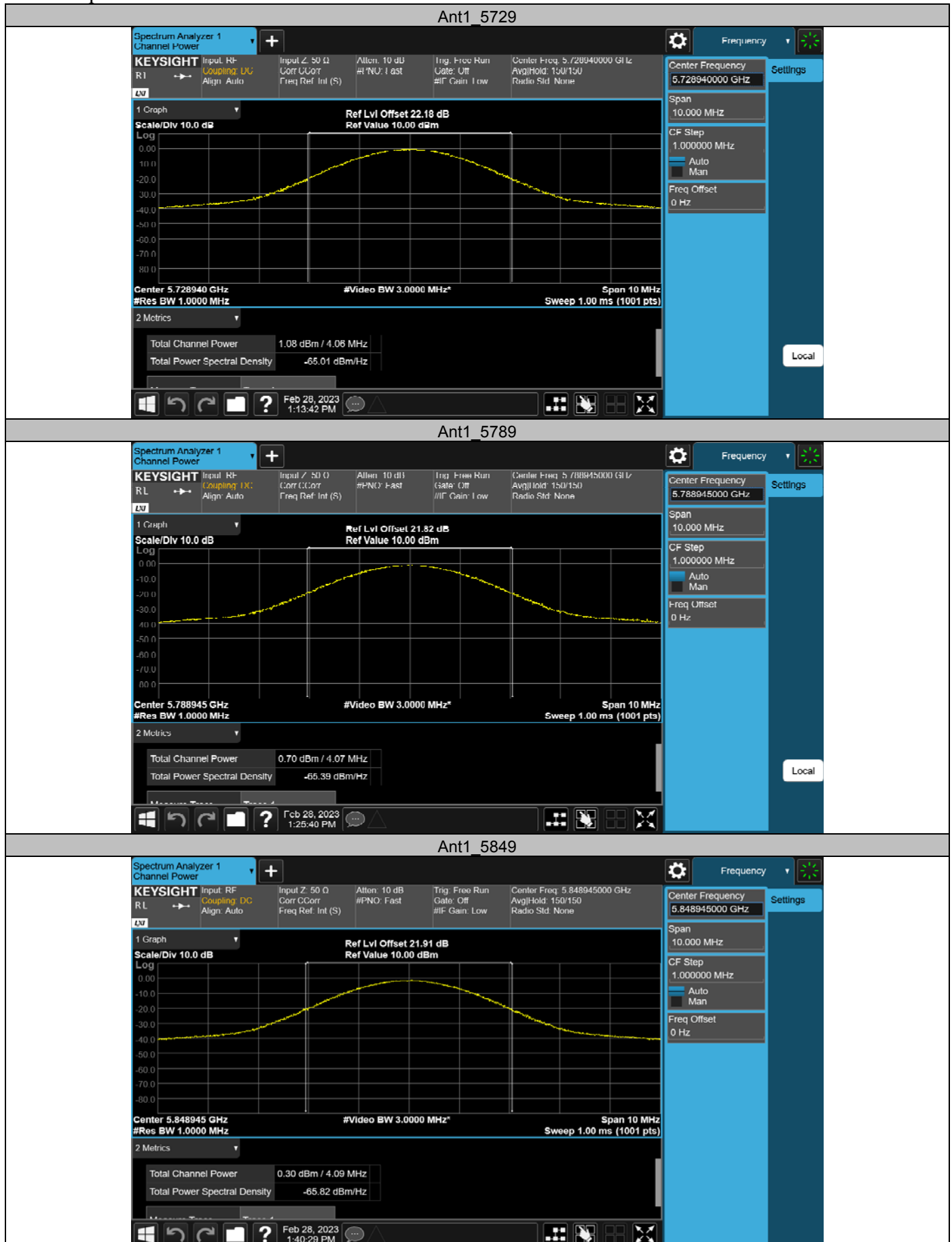


Appendix E: Maximum conducted output power
Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
FSK	Ant1	5729	1.08	100.00	0.00	1.08	≤30.00	PASS
		5789	0.70	100.00	0.00	0.70	≤30.00	PASS
		5849	0.30	100.00	0.00	0.30	≤30.00	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

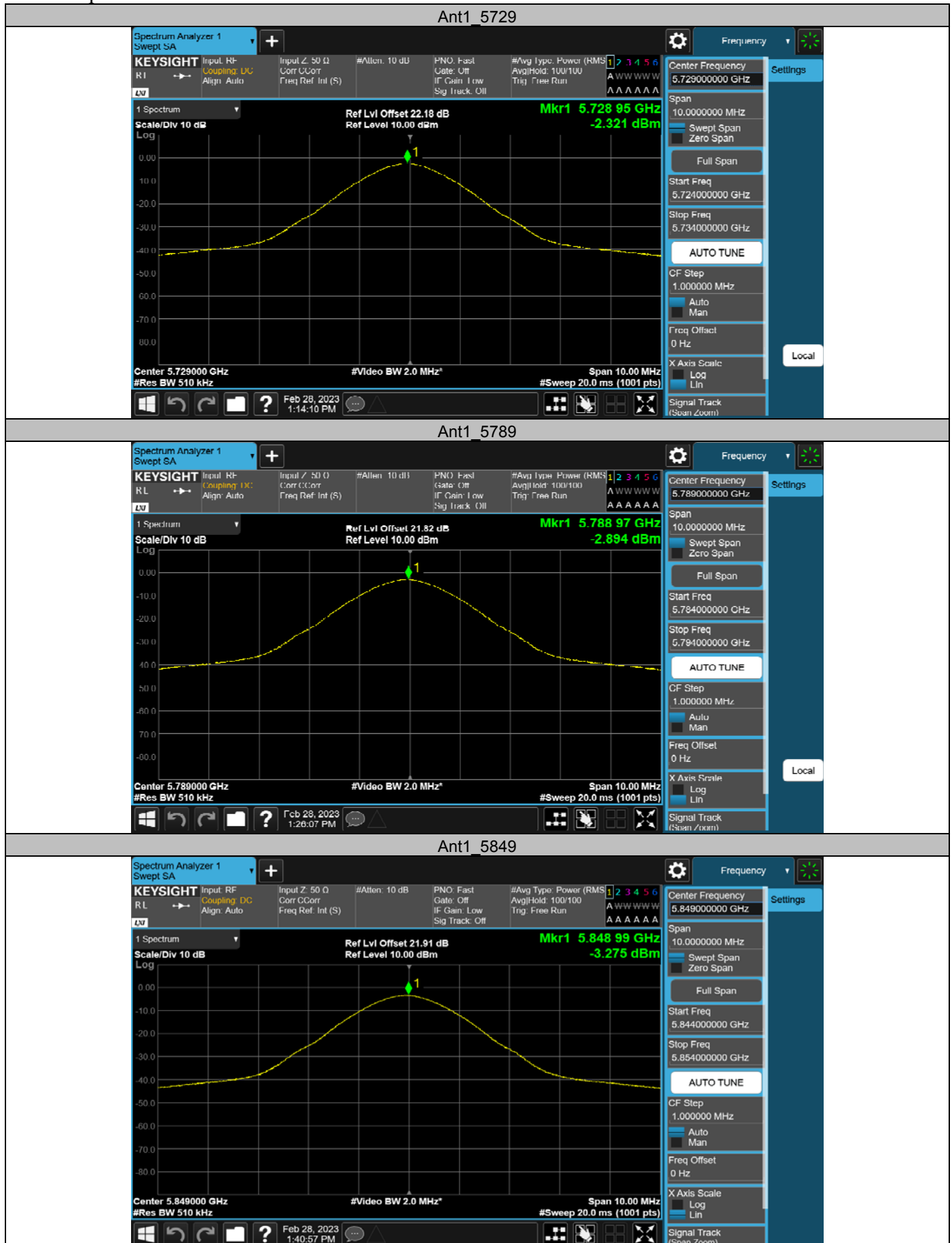


Appendix F: Maximum power spectral density Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
FSK	Ant1	5729	-2.32	≤30.00	PASS
		5789	-2.89	≤30.00	PASS
		5849	-3.28	≤30.00	PASS

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

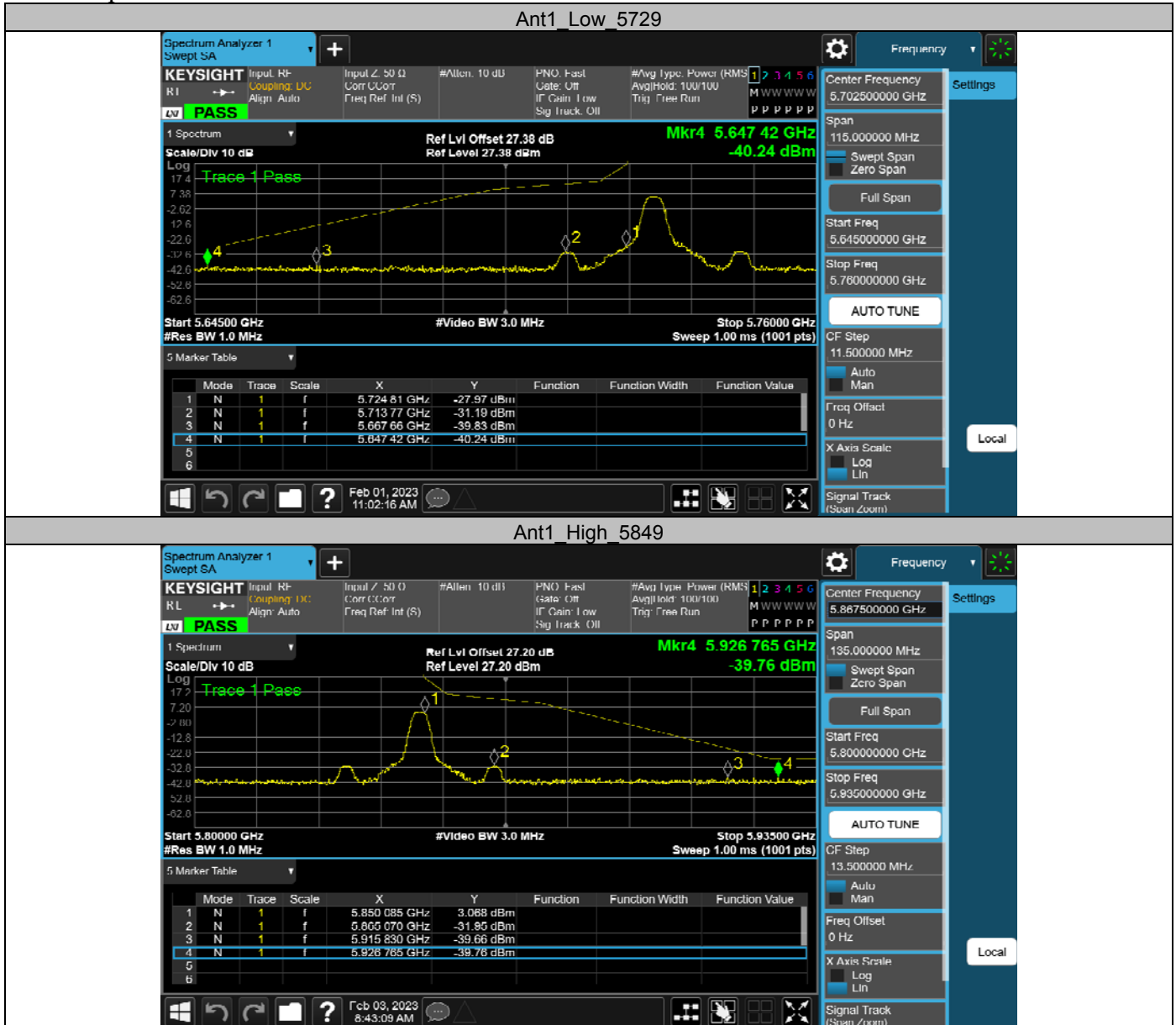


Appendix G: Band edge measurements

Test Result B4

Test Mode	Antenna	Ch Name	Frequency [MHz]	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
FSK	Ant1	Low	5729	5650~5700	-39.83	≤ -13.94	PASS
				5700~5720	-31.19	≤ -13.86	PASS
				5720~5725	-27.97	≤ -26.57	PASS
				5760~5850	-40.24	≤ -27	PASS
			5849	5850~5855	3.07	≤ -15.79	PASS
				5855~5875	-31.95	≤ -12.82	PASS
				5875~5925	-39.66	≤ -3.21	PASS
				5925~5935	-39.76	≤ -27	PASS

Test Graphs B4



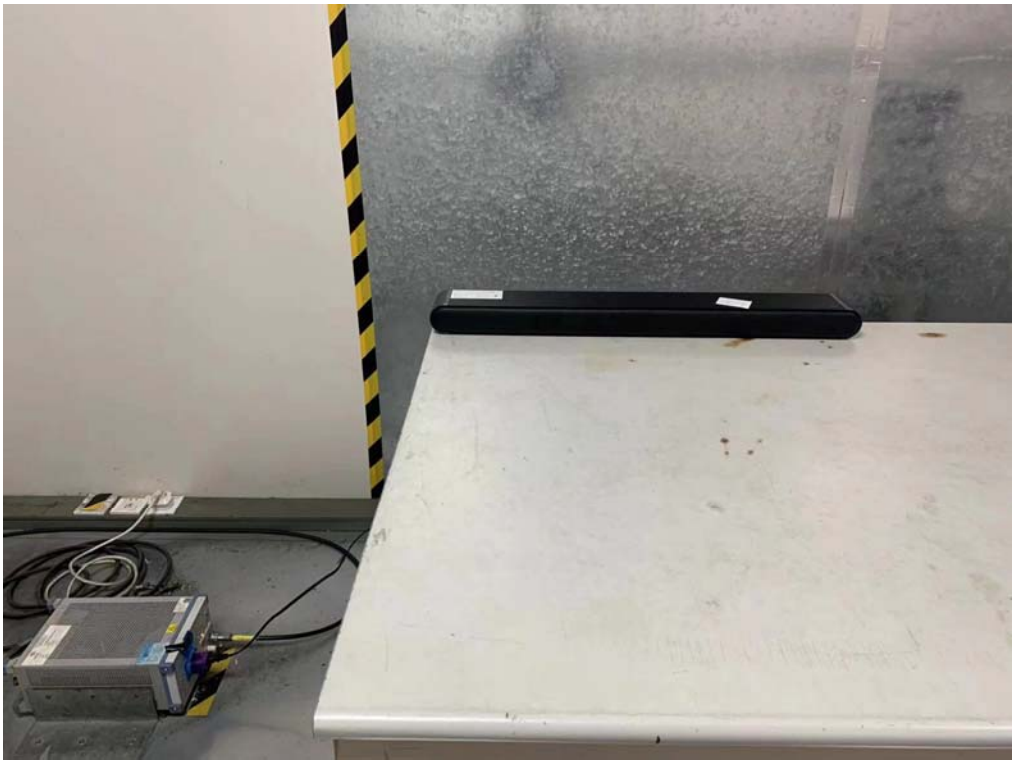
Appendix H: Frequency Stability Test Result

Voltage								
Test Mode	Antenna	Frequency[M Hz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
FSK	Ant1	5729	NV	NT	-50000.00	-8.727527	20	PASS
			LV	NT	-50000.00	-8.727527	20	PASS
			HV	NT	-50000.00	-8.727527	20	PASS

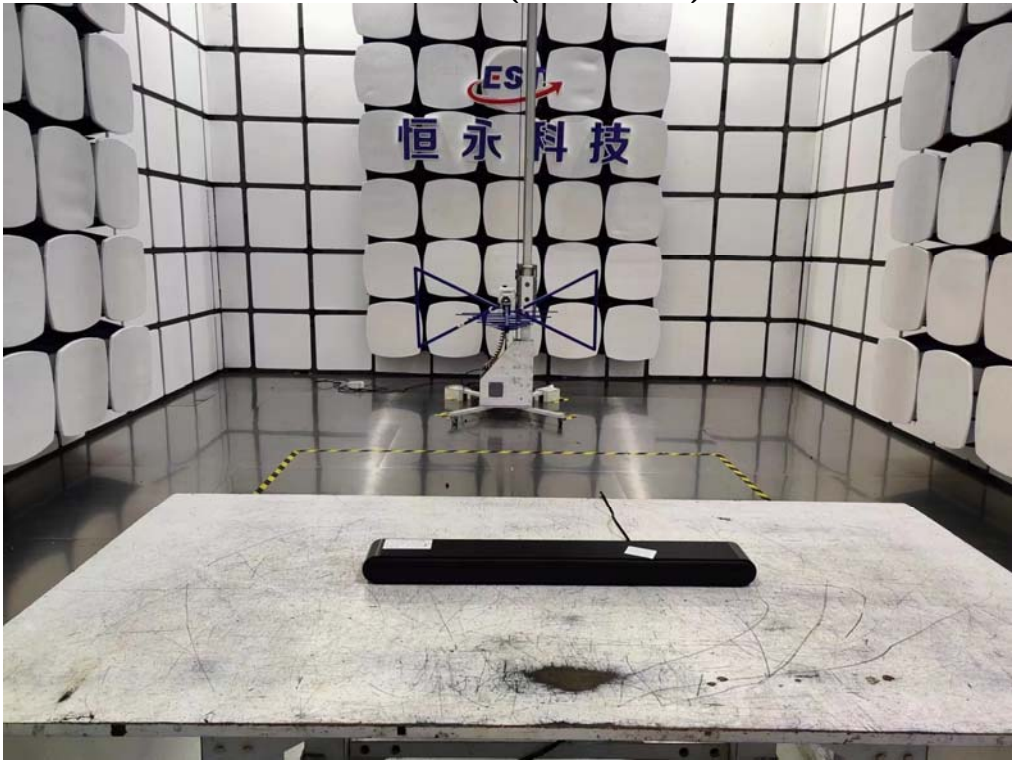
Temperature								
Test Mode	Antenna	Frequency[M Hz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
FSK	Ant1	5729	NV	-30	-50000.00	-8.727527	20	PASS
			NV	-20	-40000.00	-6.982021	20	PASS
			NV	-10	-50000.00	-8.727527	20	PASS
			NV	0	-50000.00	-8.727527	20	PASS
			NV	10	-50000.00	-8.727527	20	PASS
			NV	20	-50000.00	-8.727527	20	PASS
			NV	30	-50000.00	-8.727527	20	PASS
			NV	40	-50000.00	-8.727527	20	PASS
			NV	50	-50000.00	-8.727527	20	PASS

11. TEST SETUP PHOTO

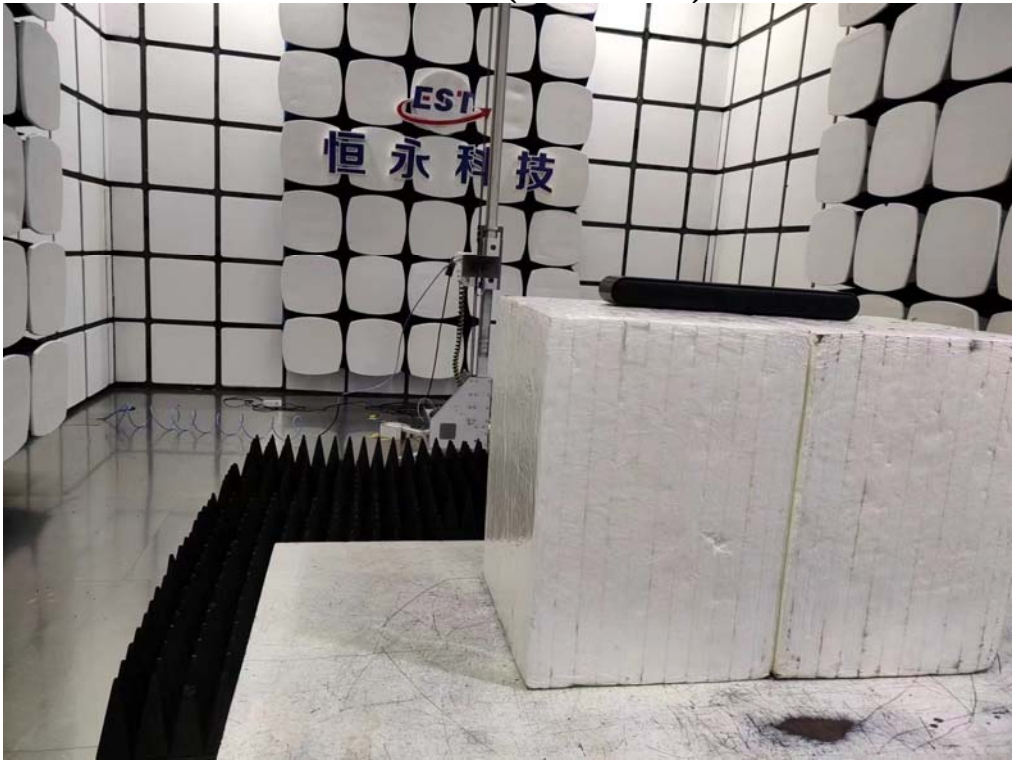
Conducted Test



Radiated Test (Below 1GHz)

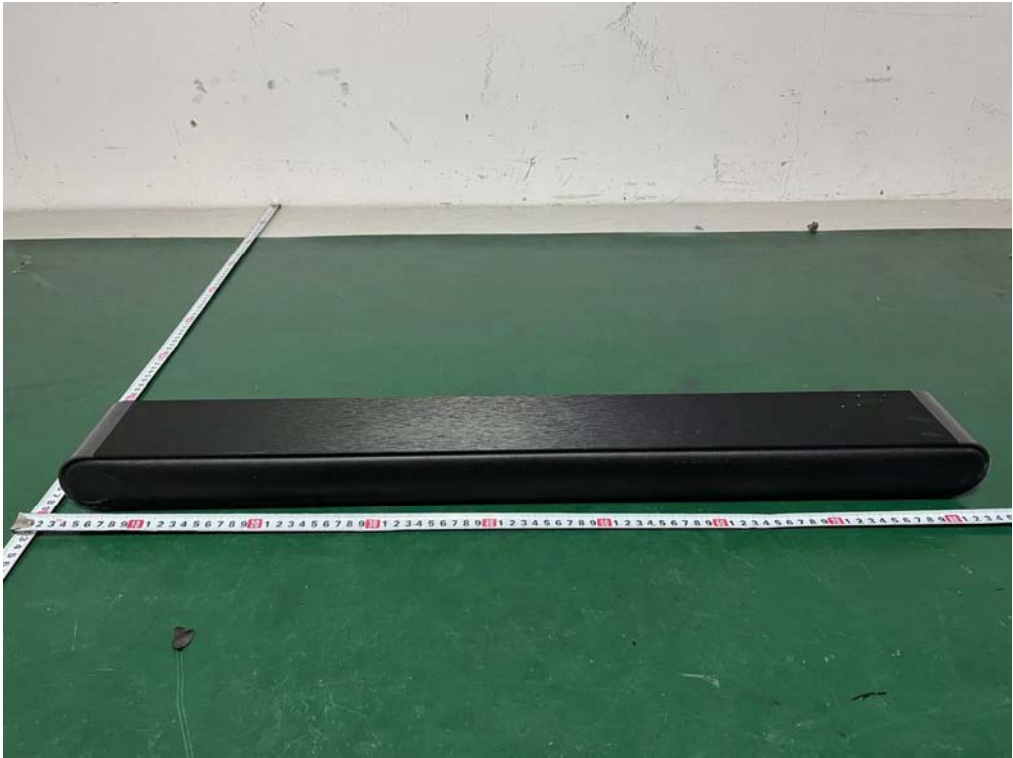


Radiated Test (Above 1GHz)



12.EUT PHOTO

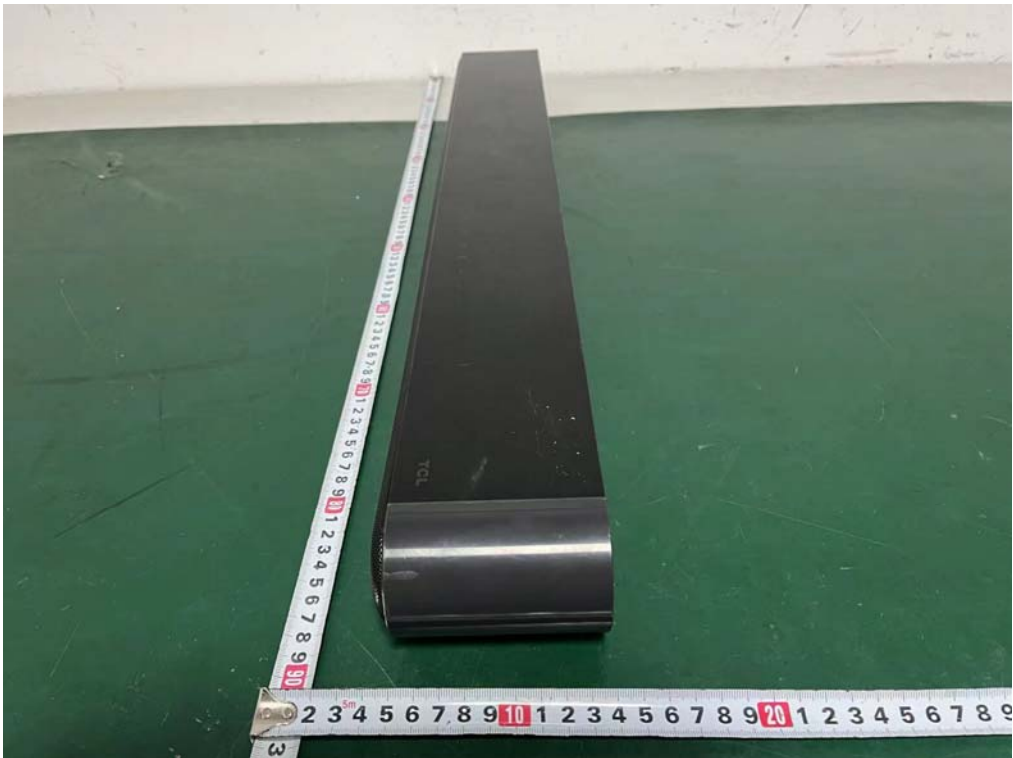
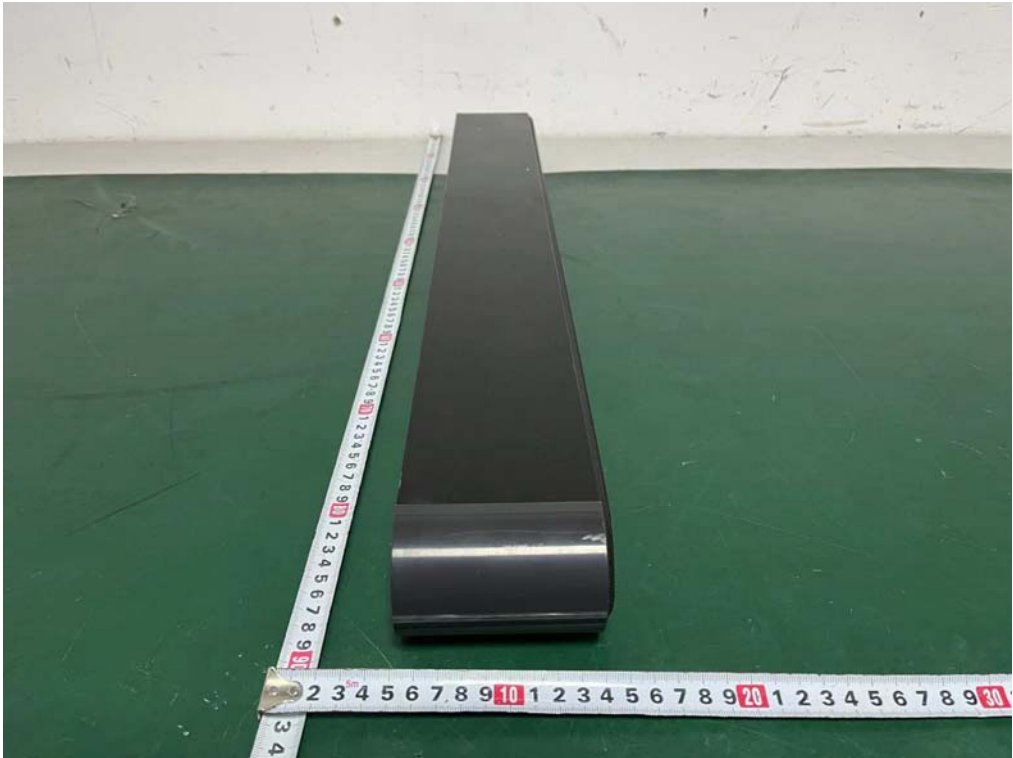
External Photos
M/N: S645W



External Photos
M/N: S645W



External Photos
M/N: S645W



External Photos
M/N: S645W



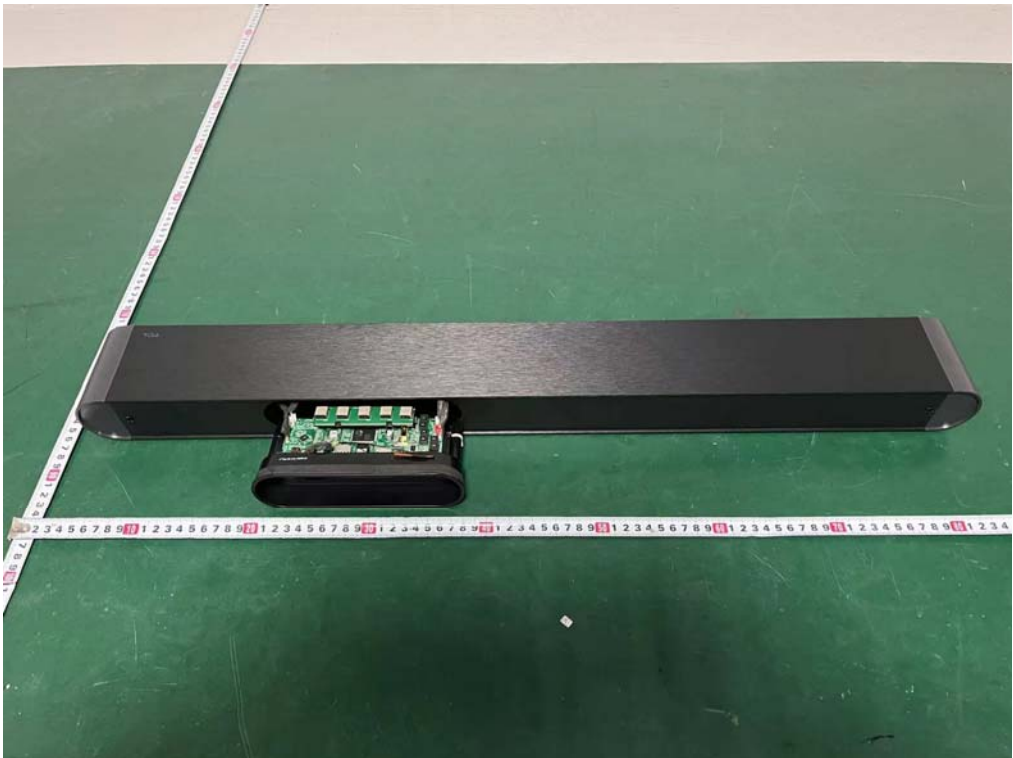
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M/N: S645W



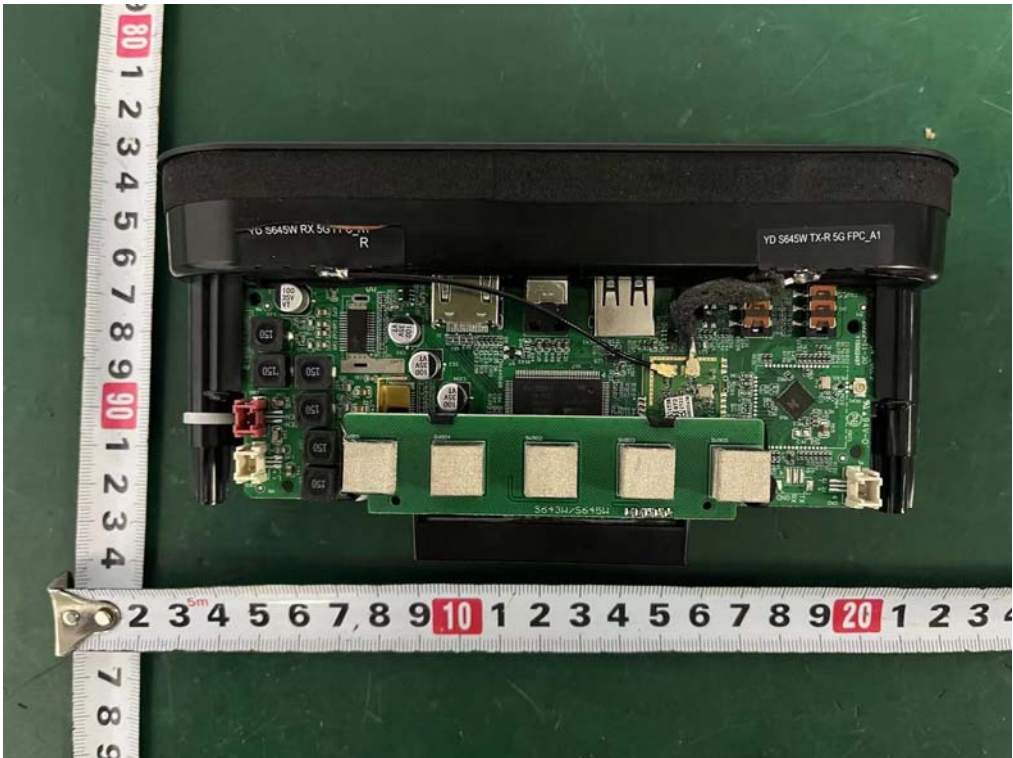
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M/N: S645W



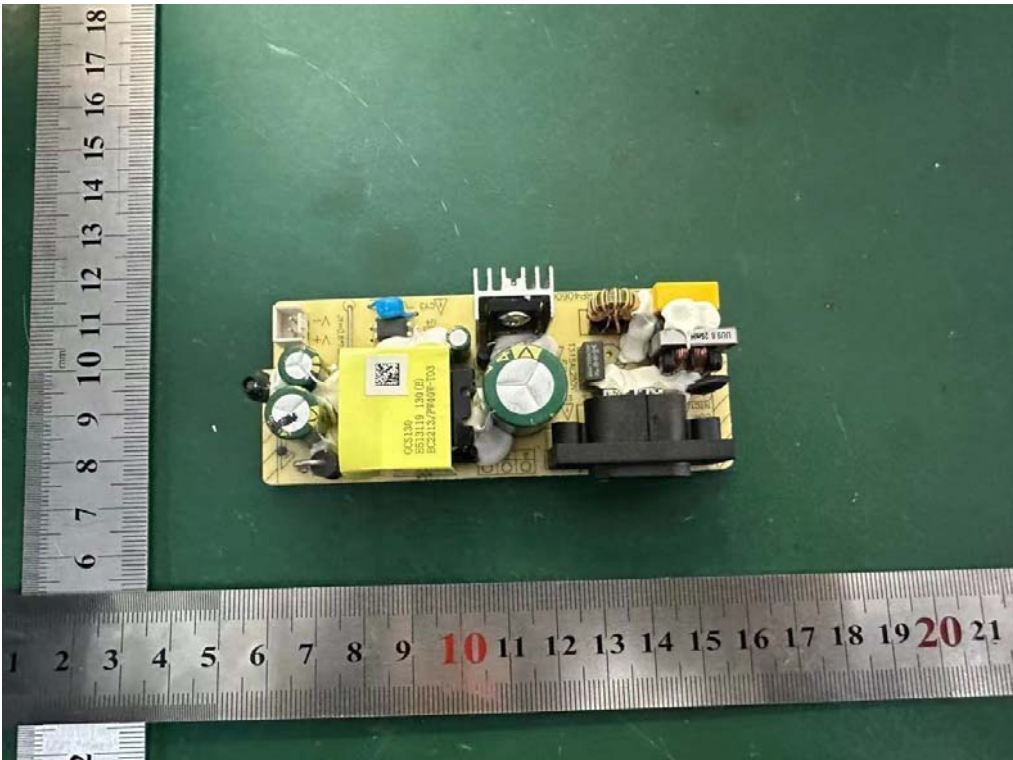
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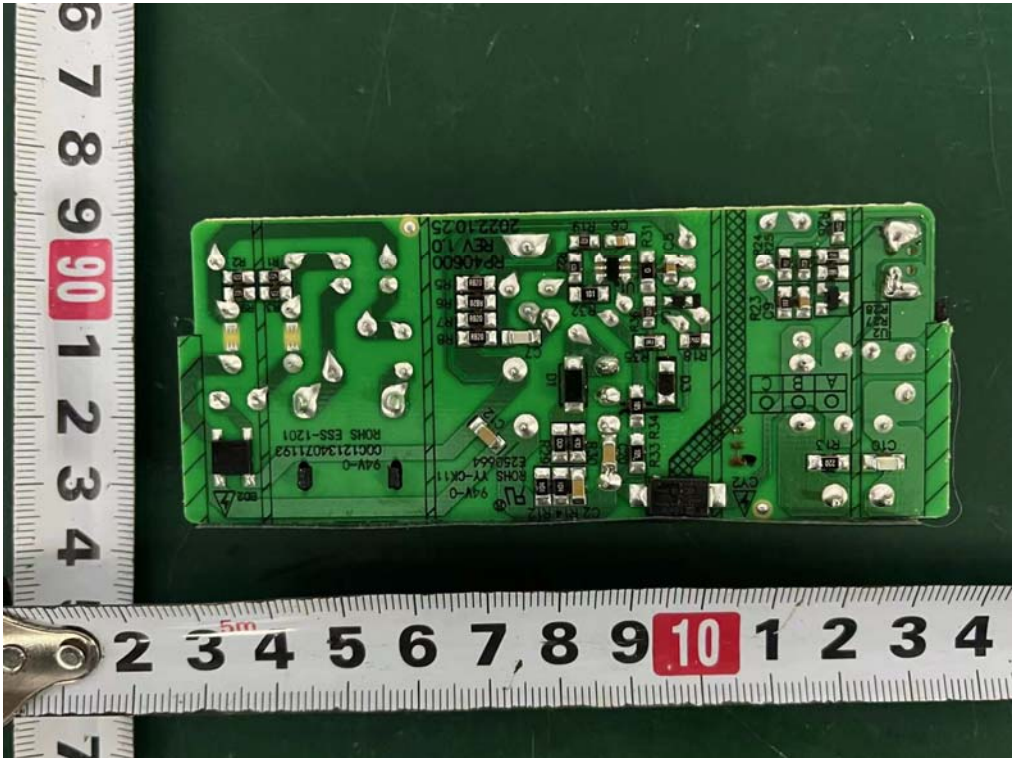
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M/N: S645W



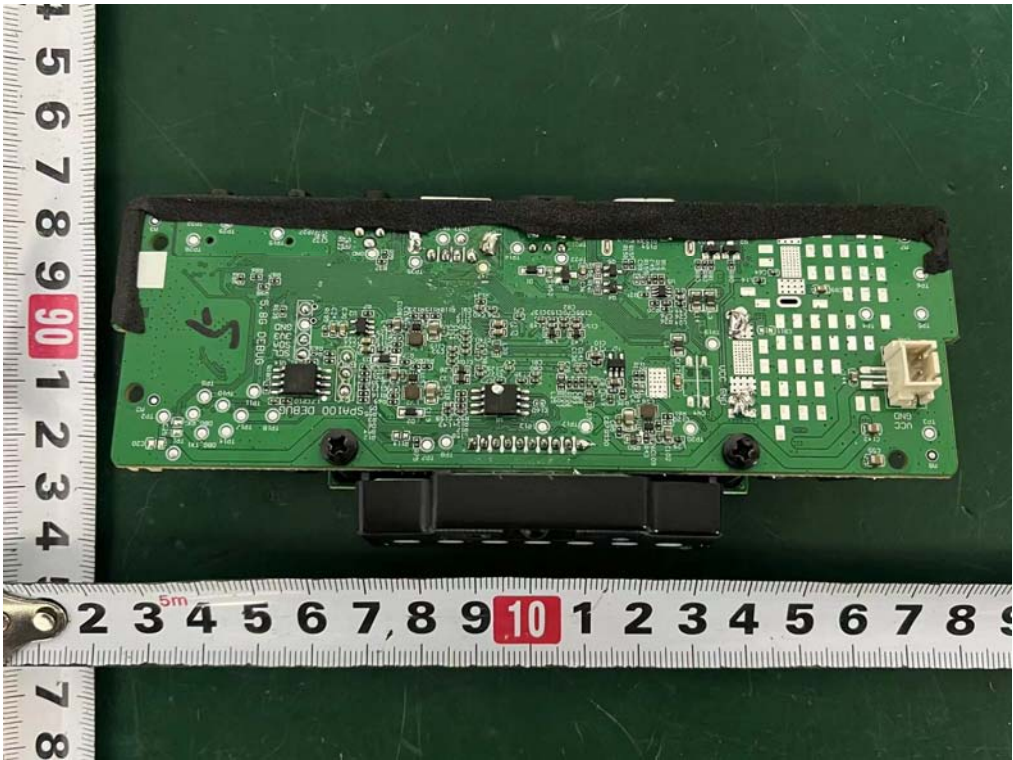
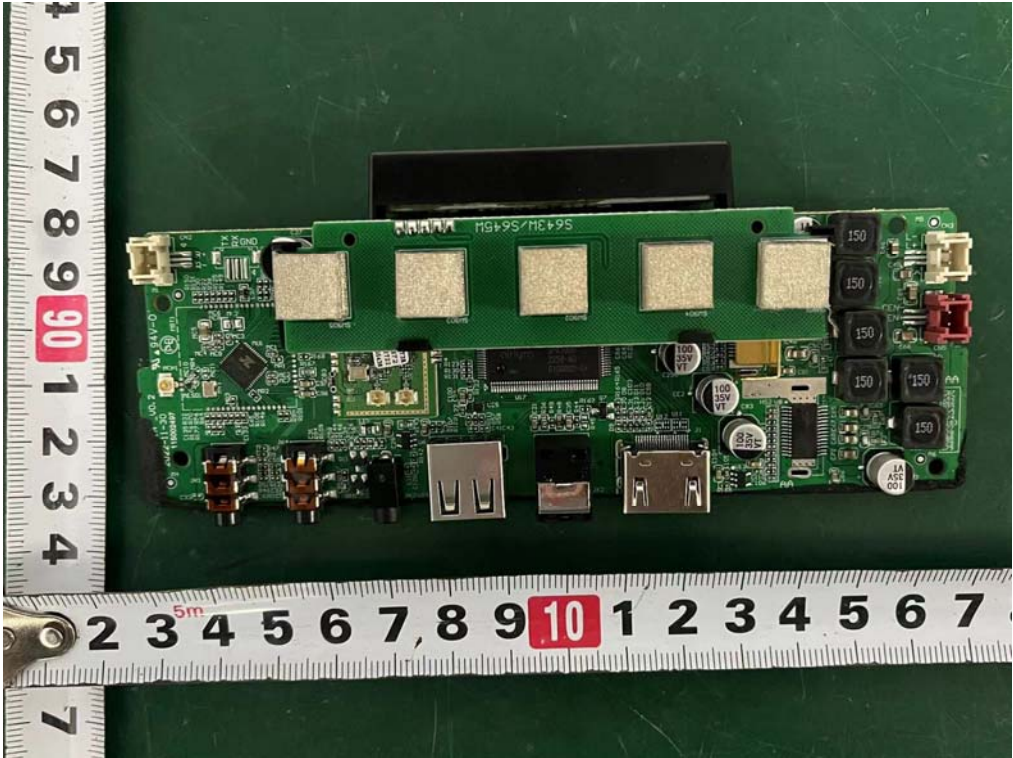
Internal Photos
M/N: S645W



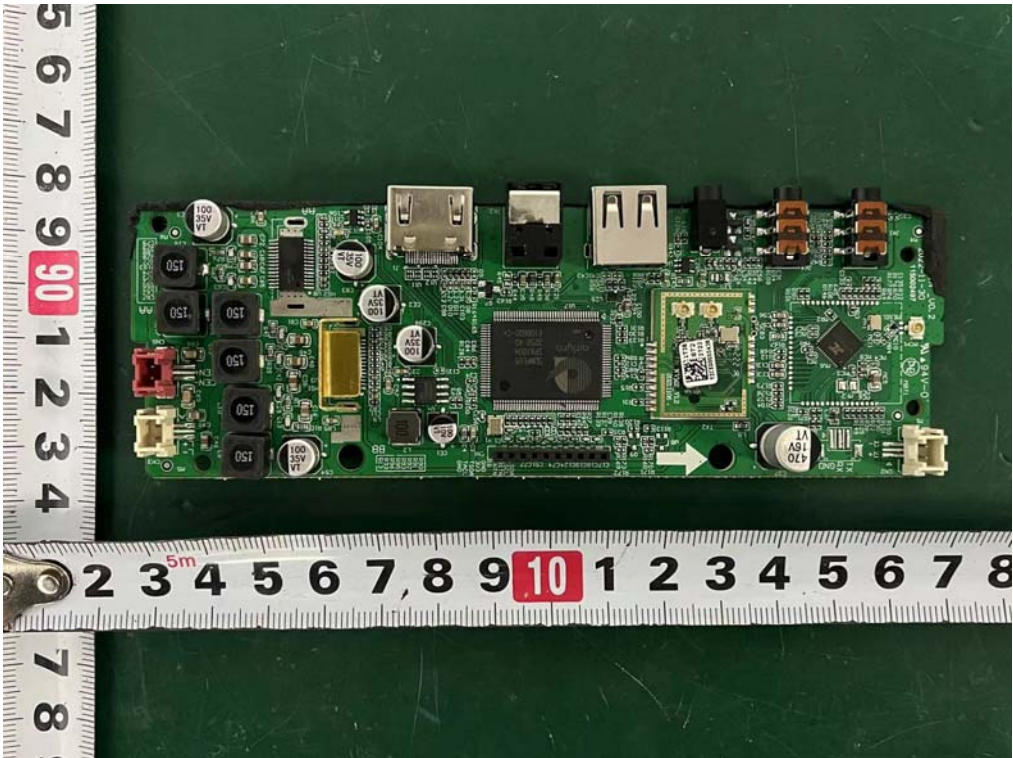
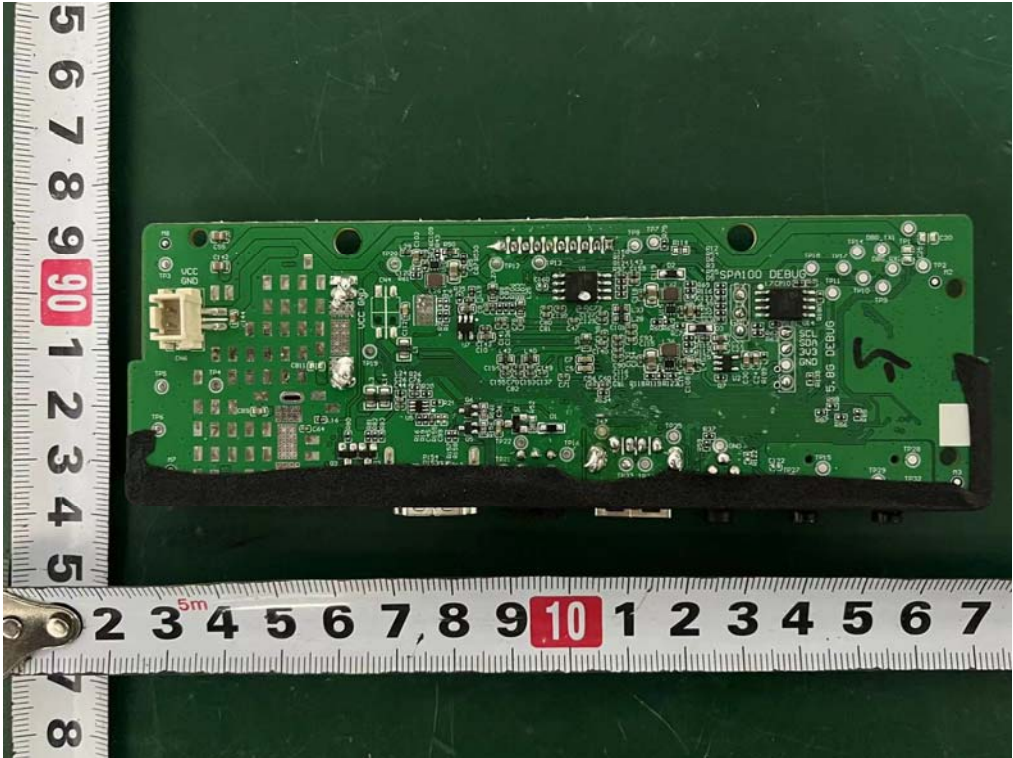
Internal Photos
M/N: S645W



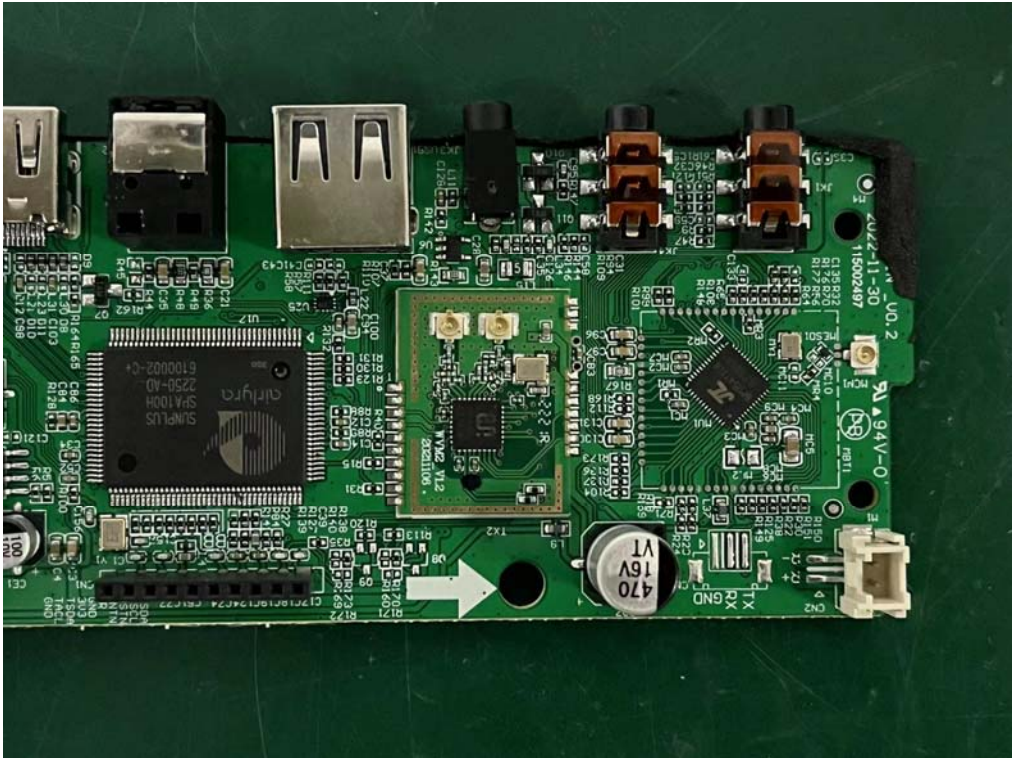
Internal Photos
M/N: S645W



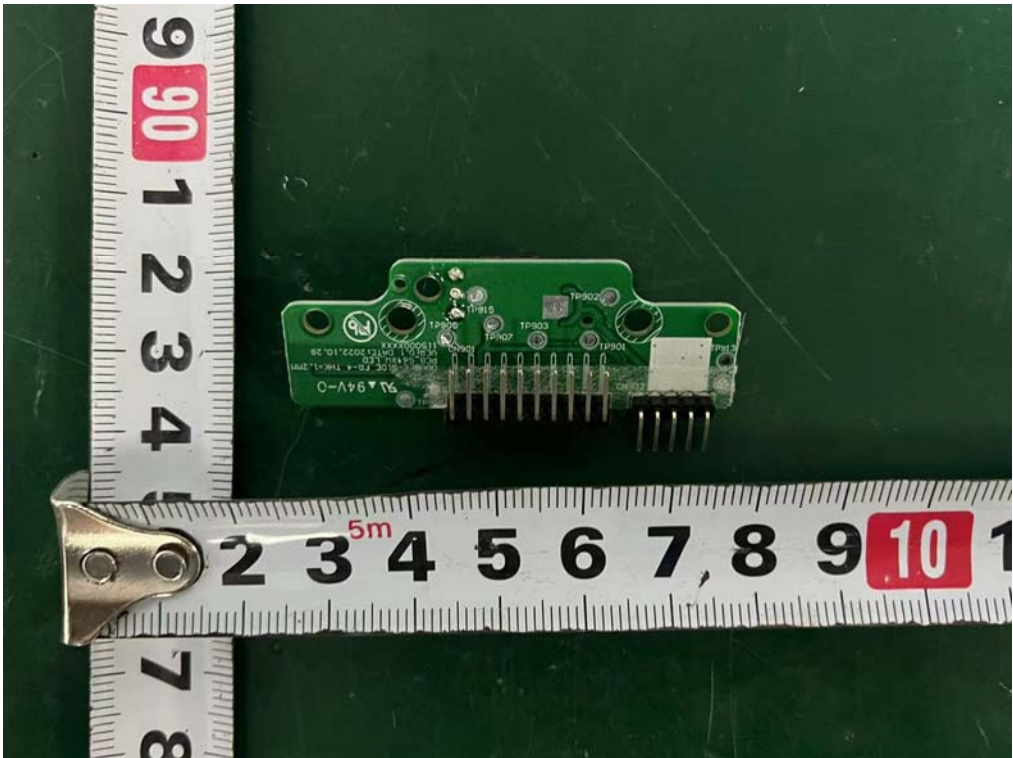
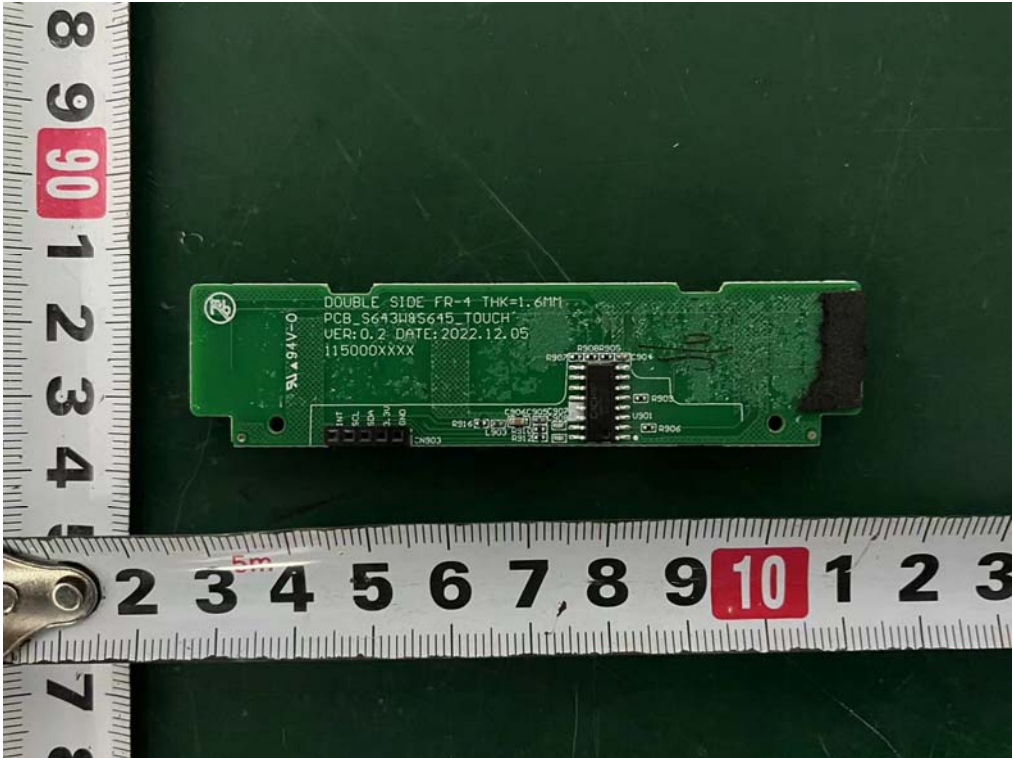
Internal Photos
M/N: S645W



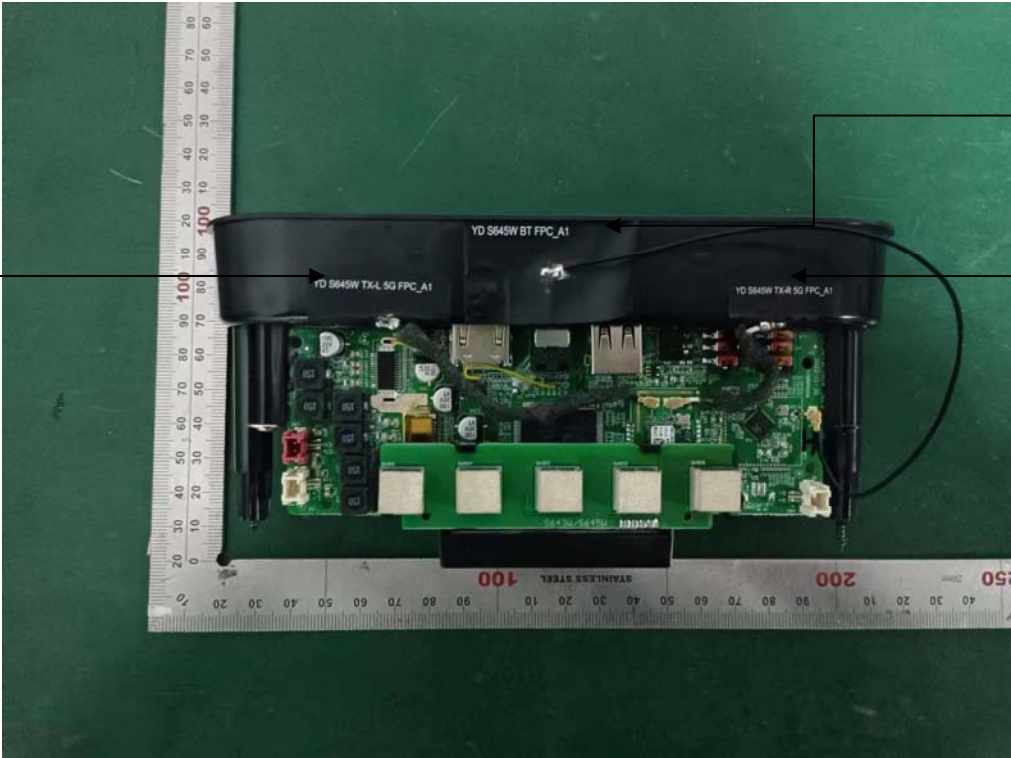
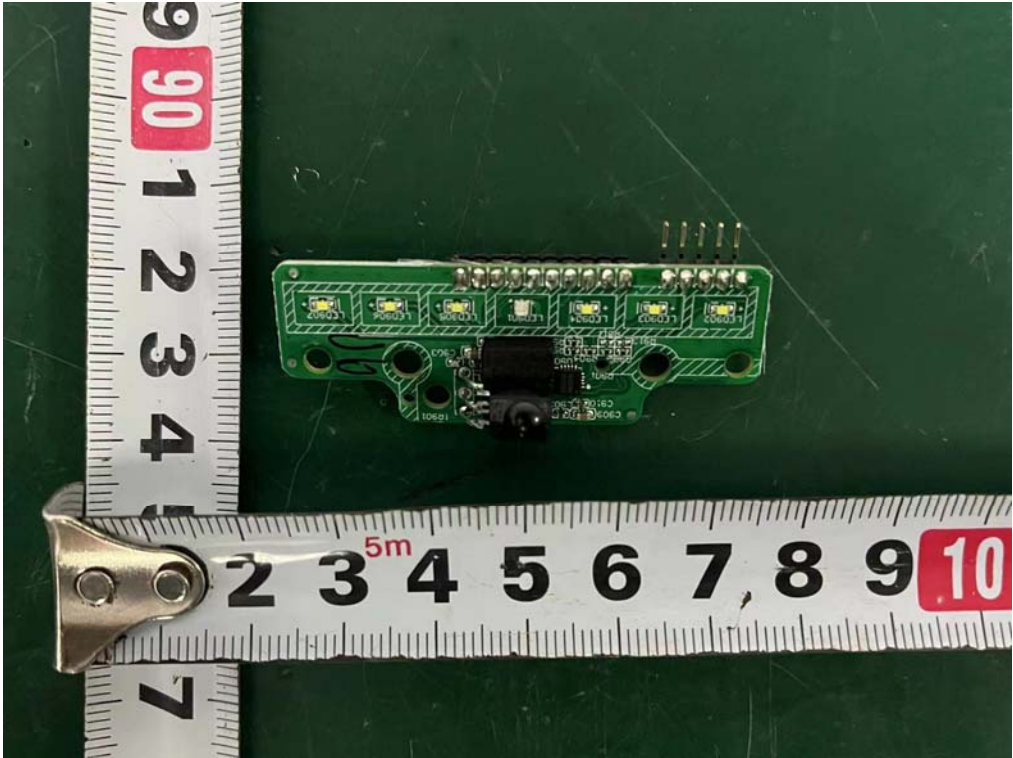
Internal Photos
M/N: S645W



Internal Photos
M/N: S645W



Internal Photos
M/N: S645W



End of Test Report