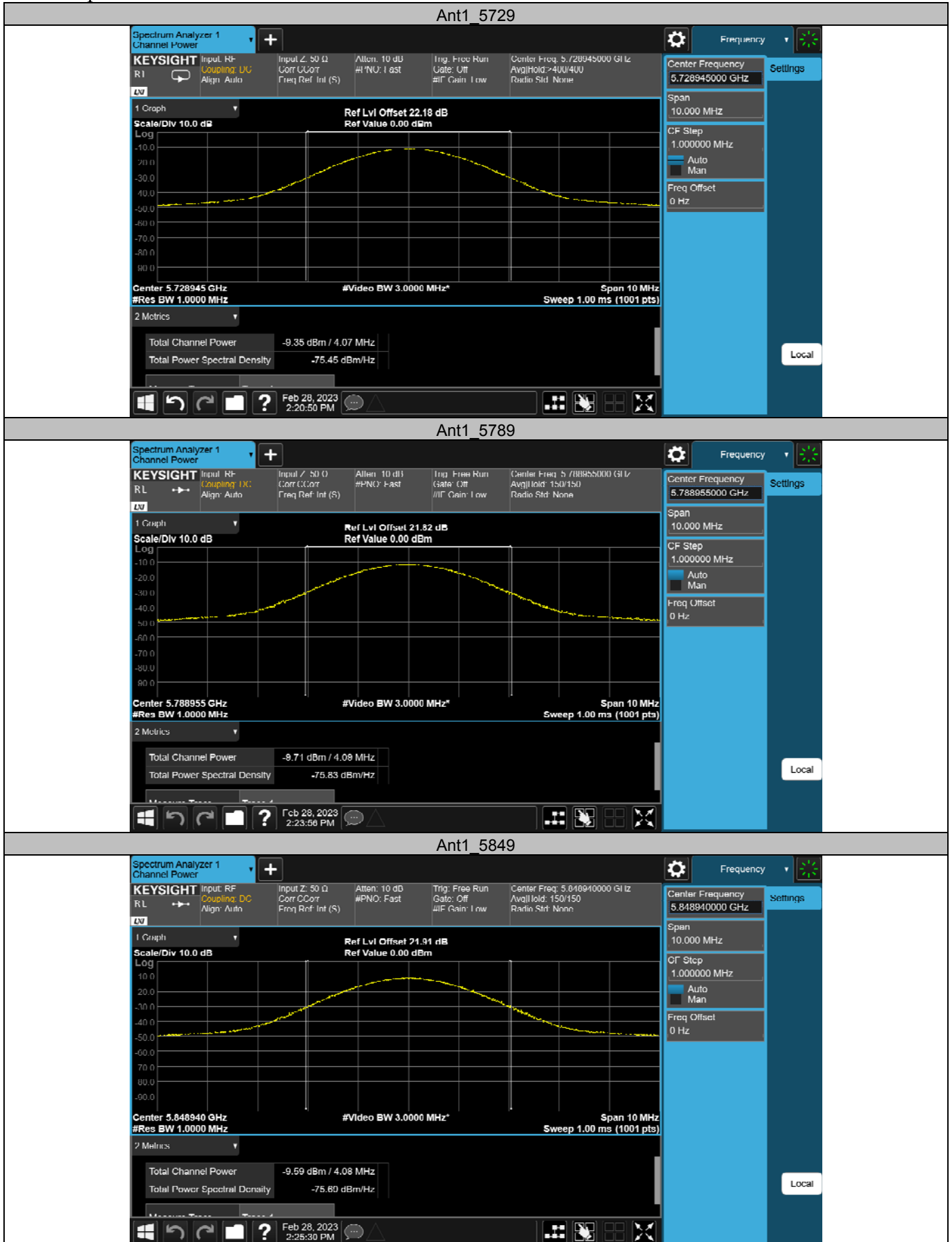


Appendix E: Maximum conducted output power
 Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
FSK	Ant1	5729	-9.35	100.00	0.00	-9.35	≤30.00	PASS
		5789	-9.71	100.00	0.00	-9.71	≤30.00	PASS
		5849	-9.59	100.00	0.00	-9.59	≤30.00	PASS

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

Test Graphs Channel Power

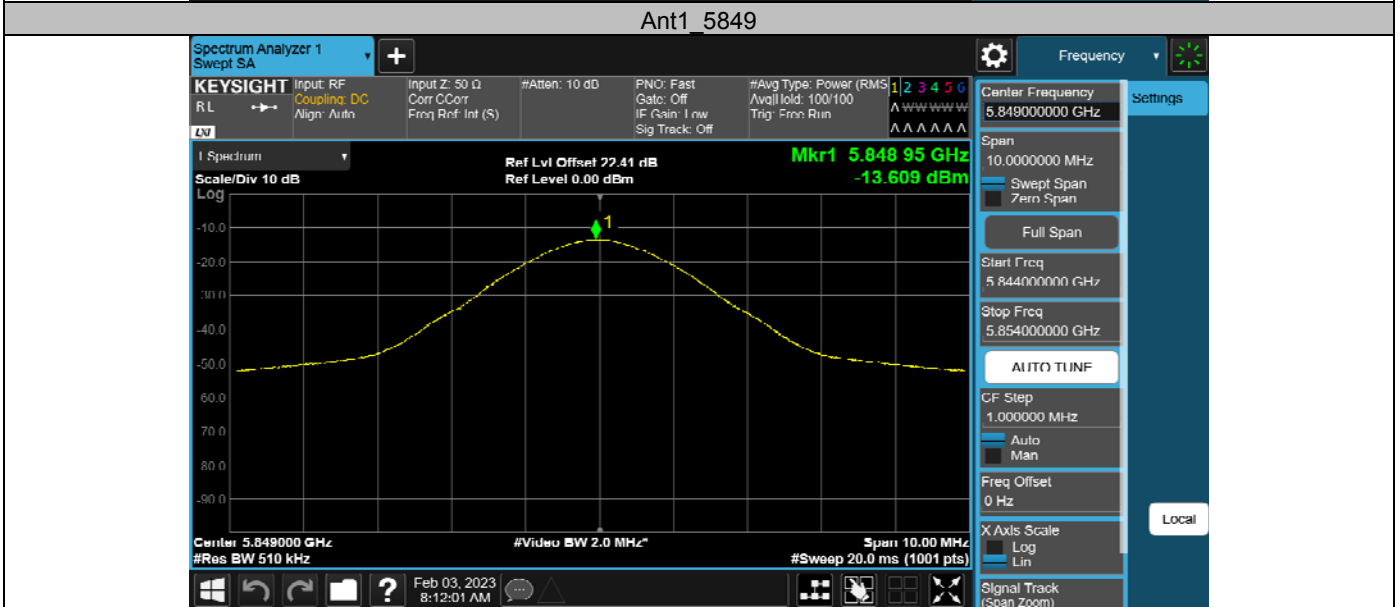
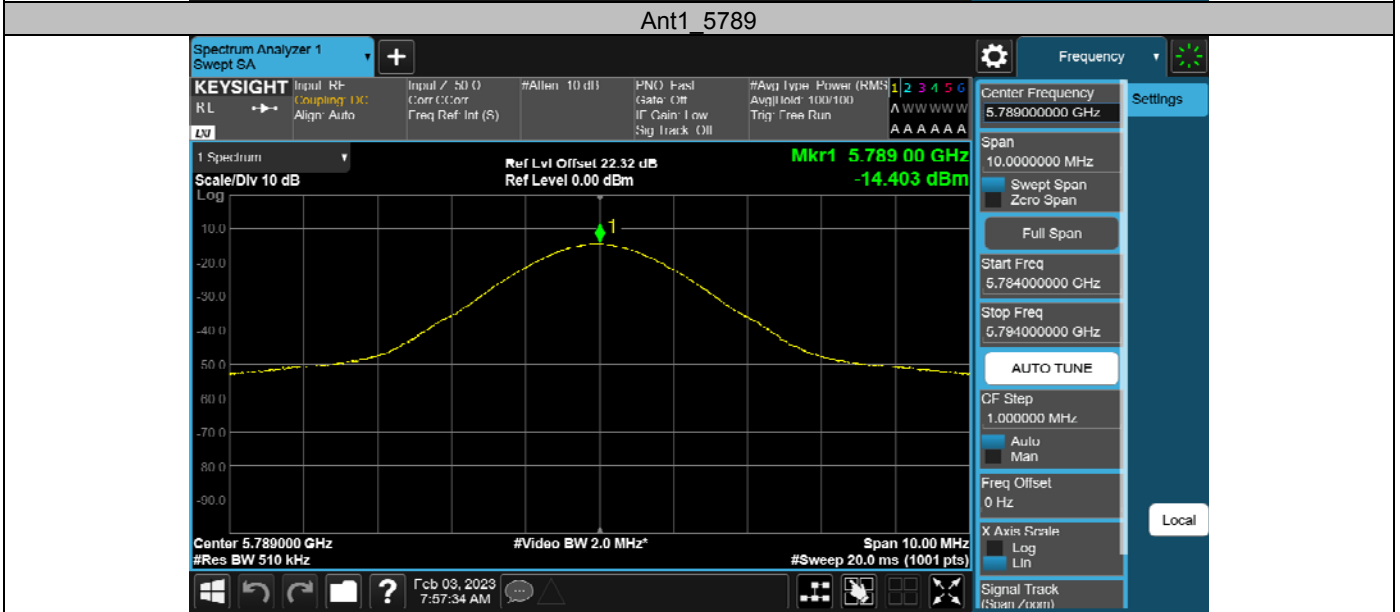
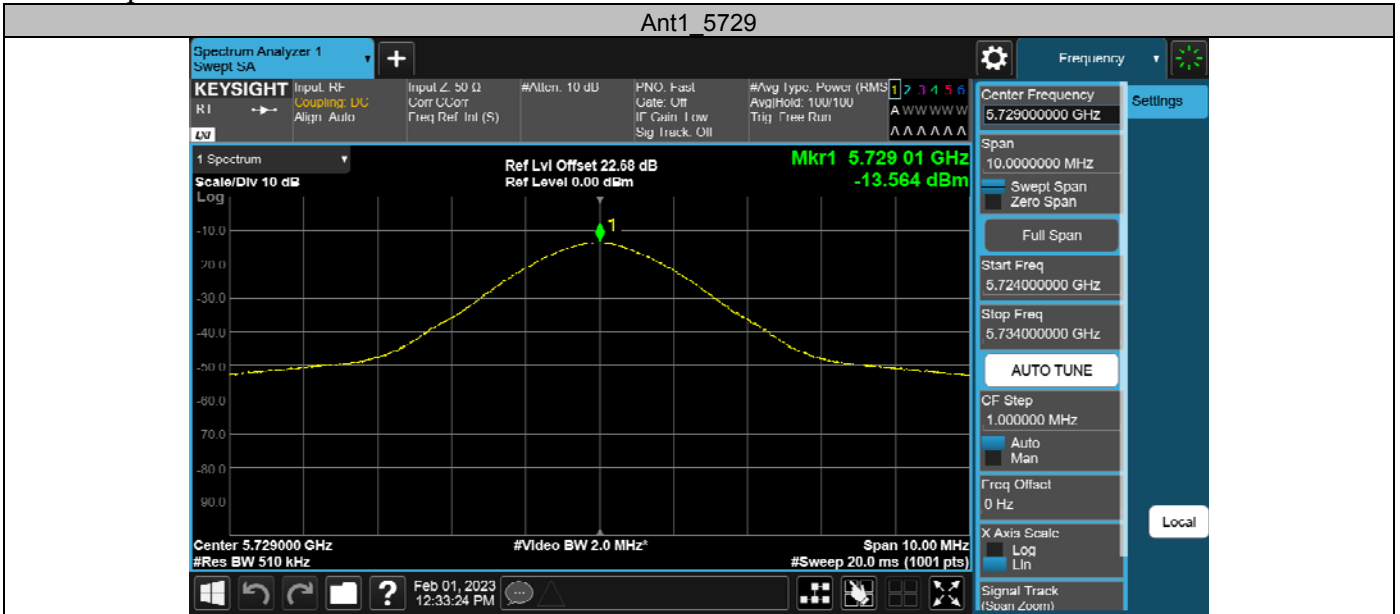


Appendix F: Maximum power spectral density
 Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
FSK	Ant1	5729	-13.56	≤30.00	PASS
		5789	-14.4	≤30.00	PASS
		5849	-13.61	≤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

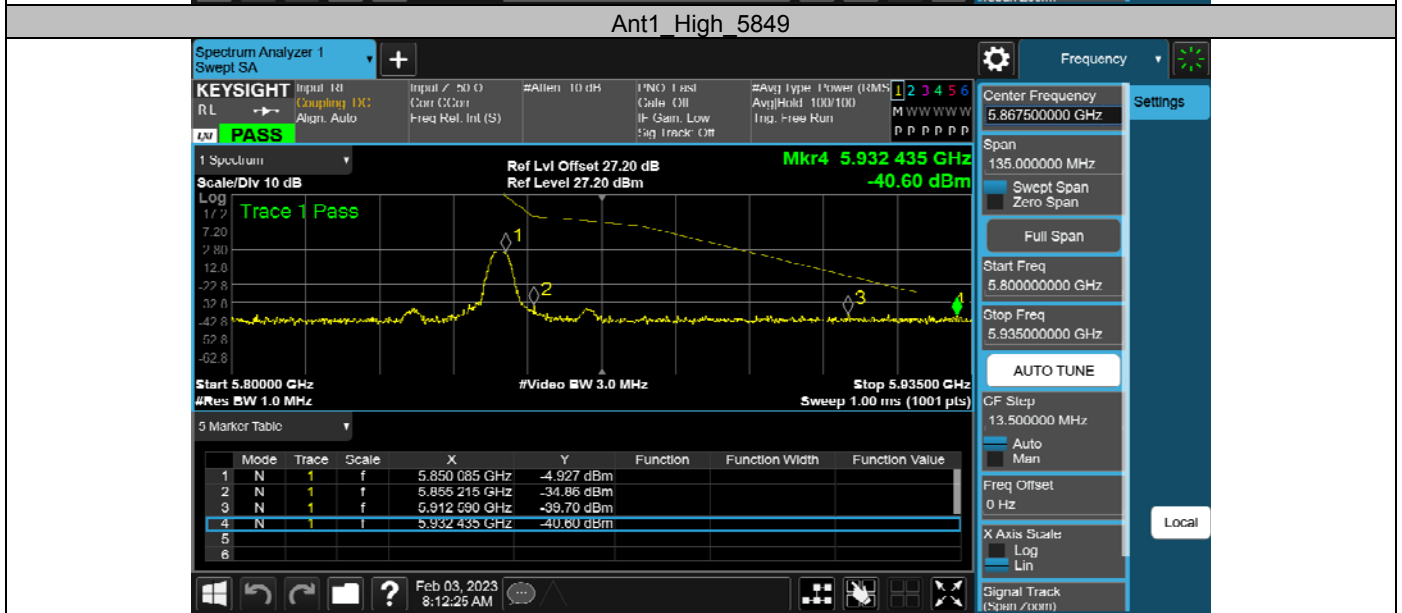
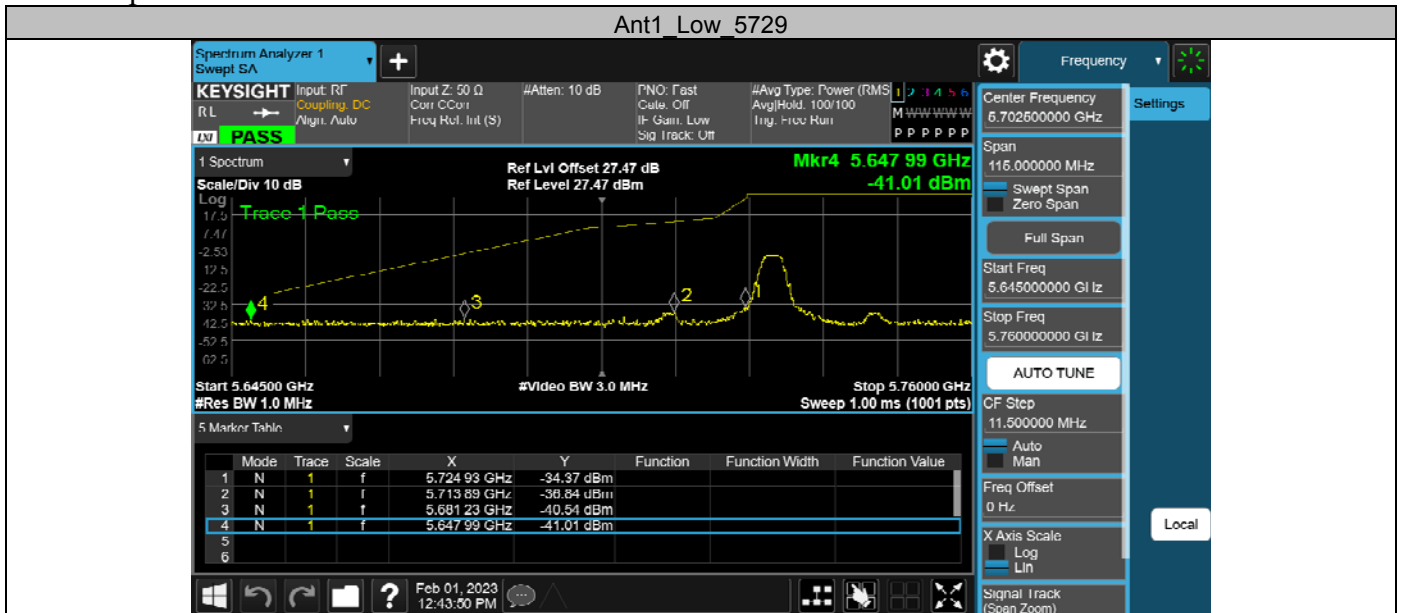


Appendix G: Band edge measurements

Test Result B4

Test Mode	Antenna	Ch Name	Frequency [MHz]	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
FSK	Ant1	Low	5729	5650~5700	-40.54	≤-3.89	PASS
				5700~5720	-36.84	≤13.89	PASS
				5720~5725	-34.37	≤26.83	PASS
				5760~5650	-41.01	≤-27	PASS
		High	5849	5850~5855	-4.93	≤15.79	PASS
				5855~5875	-34.87	≤10.06	PASS
				5875~5925	-39.7	≤0.82	PASS
				5925~5935	-40.6	≤-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	-20000.00	-3.491011	20	PASS
			LV	NT	-20000.00	-3.491011	20	PASS
			HV	NT	-20000.00	-3.491011	20	PASS

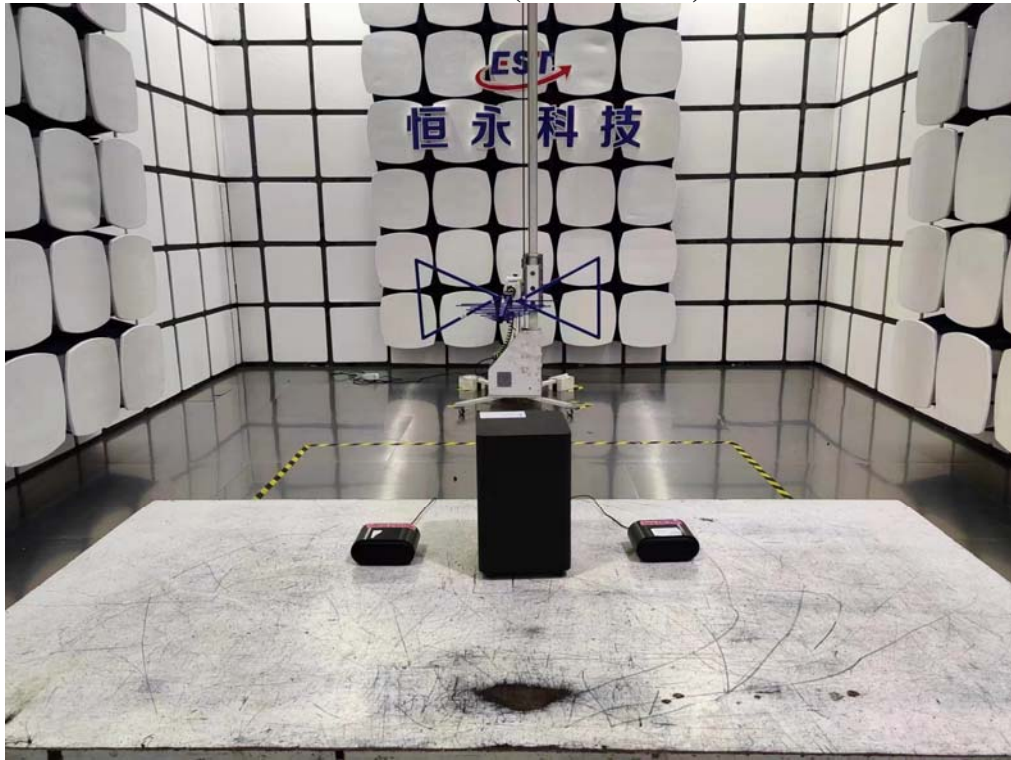
Temperature								
Test Mode	Antenna	Frequency[M Hz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
FSK	Ant1	5729	NV	-30	-20000.00	-3.491011	20	PASS
			NV	-20	-20000.00	-3.491011	20	PASS
			NV	-10	-20000.00	-3.491011	20	PASS
			NV	0	-20000.00	-3.491011	20	PASS
			NV	10	-20000.00	-3.491011	20	PASS
			NV	20	-20000.00	-3.491011	20	PASS
			NV	30	-20000.00	-3.491011	20	PASS
			NV	40	-20000.00	-3.491011	20	PASS
			NV	50	-20000.00	-3.491011	20	PASS

11. TEST SETUP PHOTO

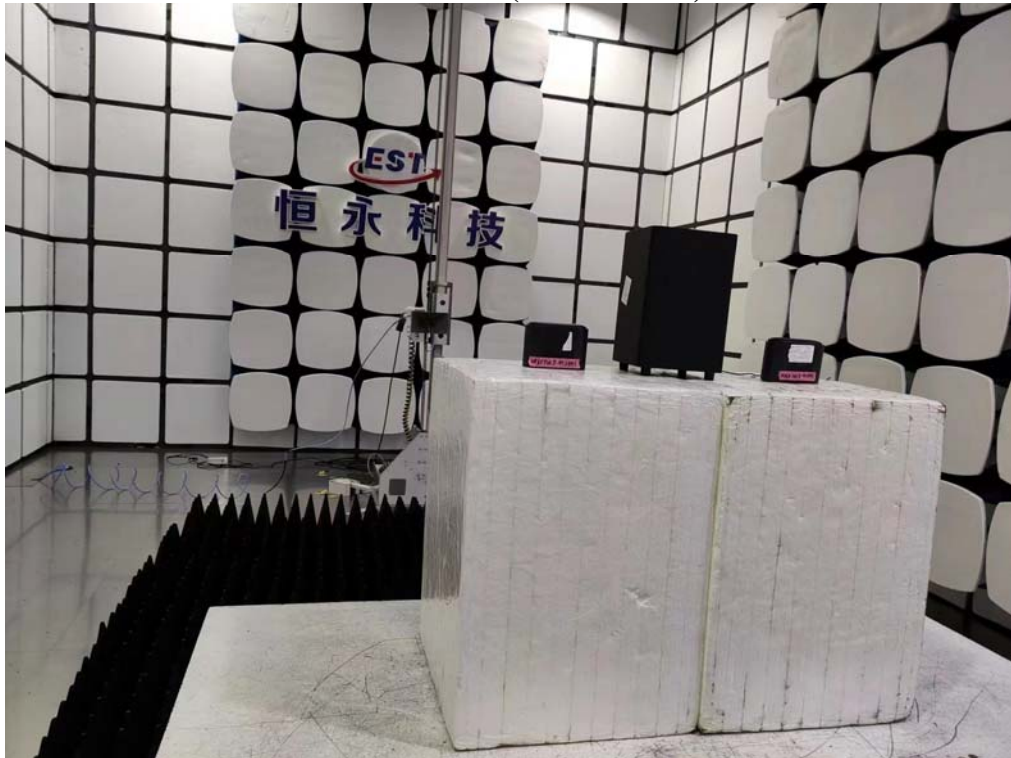
Conducted Test



Radiated Test (Below 1GHz)

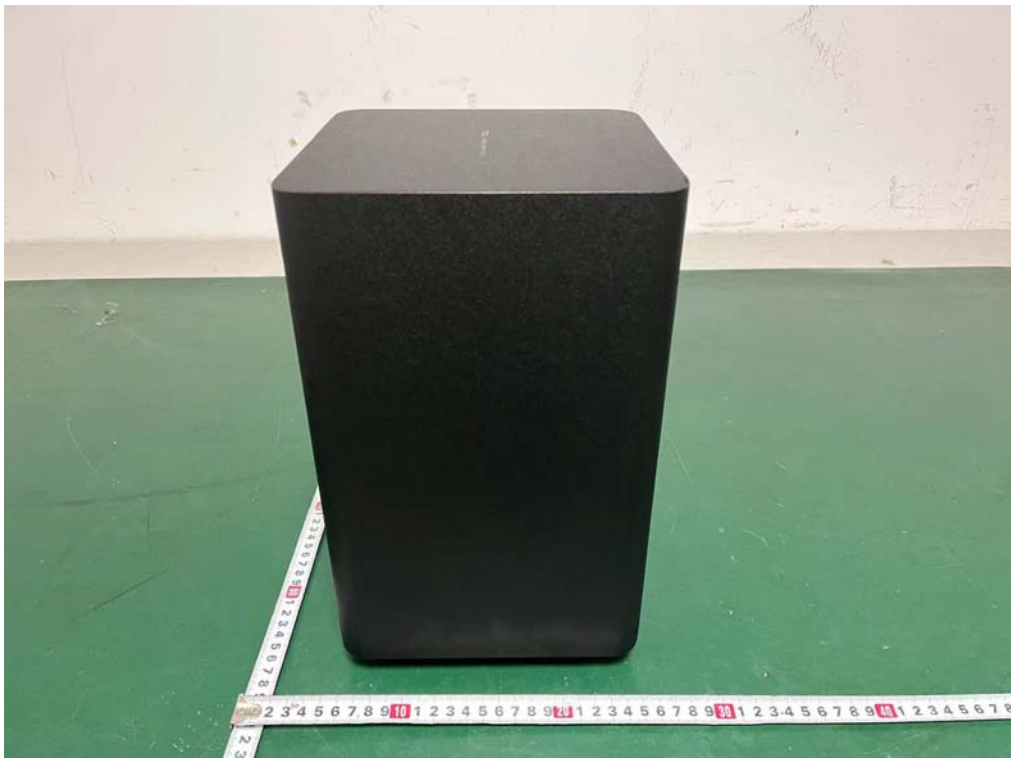
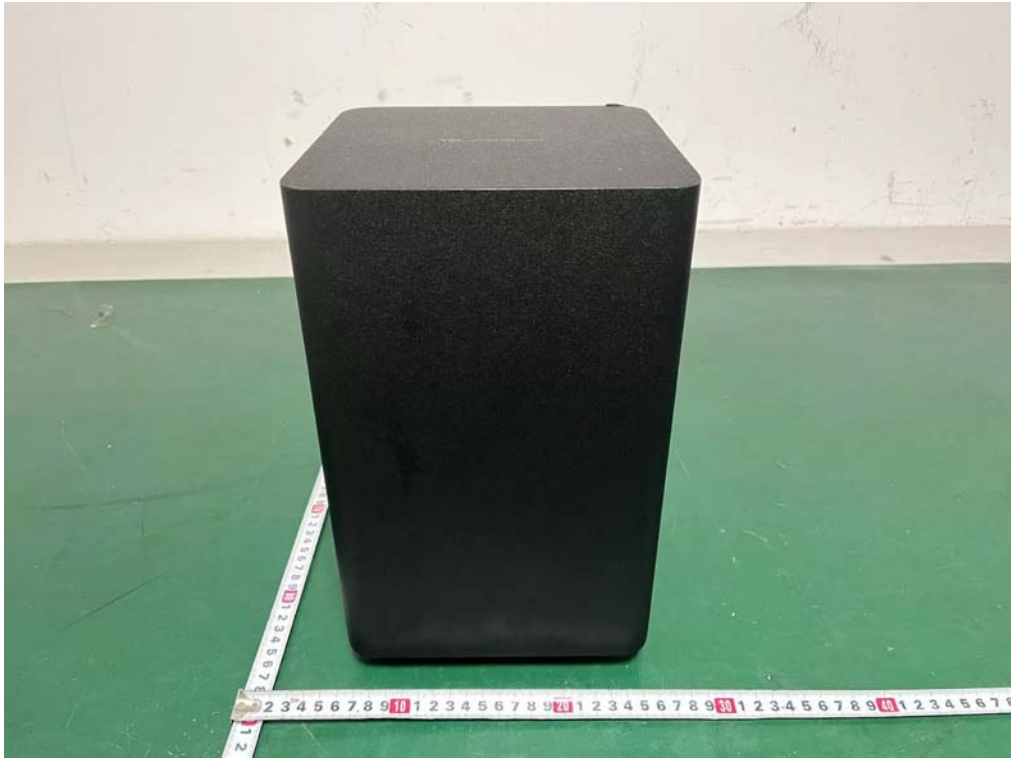


Radiated Test (Above 1GHz)



12.EUT PHOTO

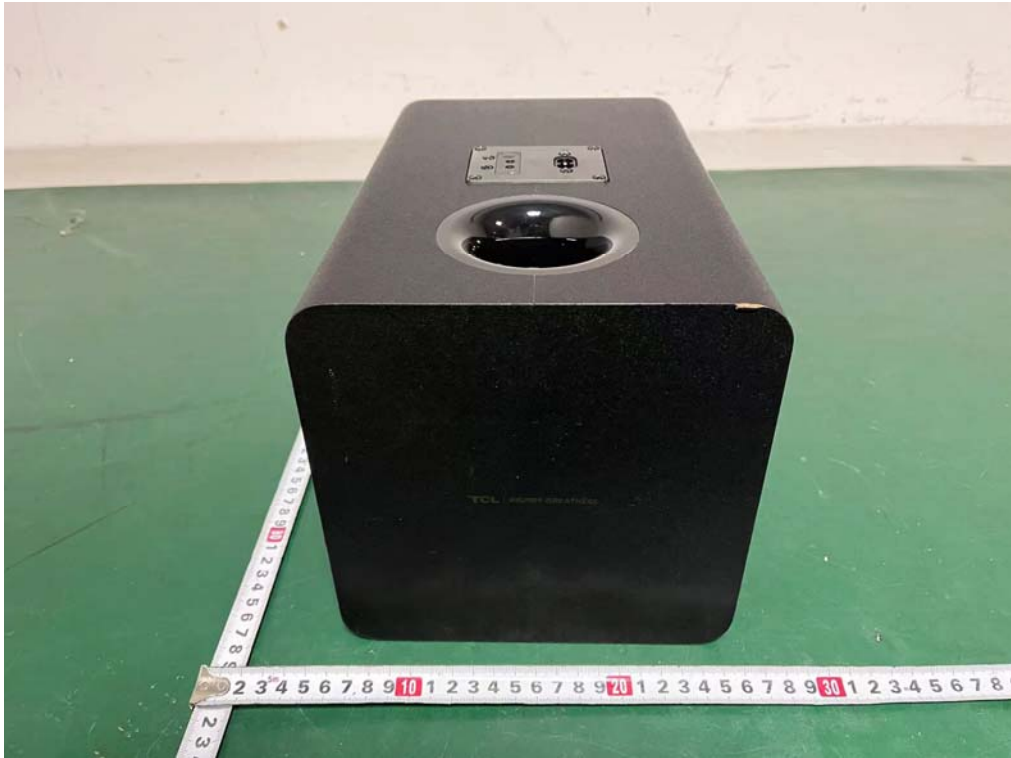
External Photos
M/N: S645W-SW



External Photos
M/N: S645W-SW



External Photos
M/N: S645W-SW



External Photos
M/N: S645W-SW



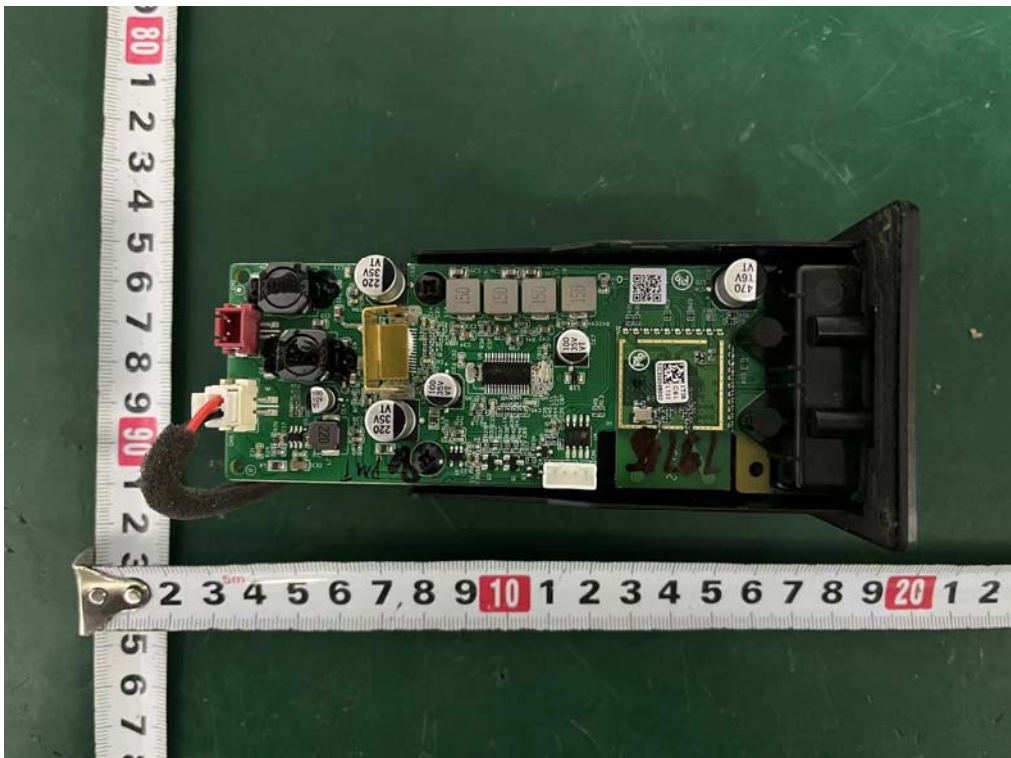
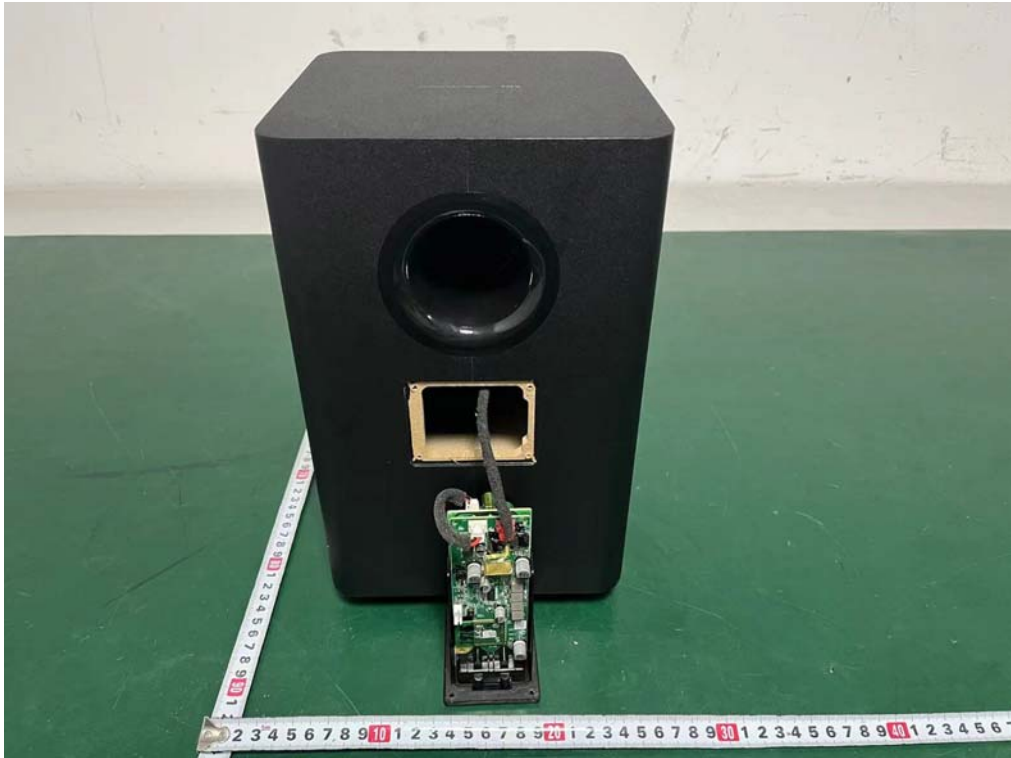
External Photos
M/N: S645W-SW



External Photos
M/N: S645W-SW

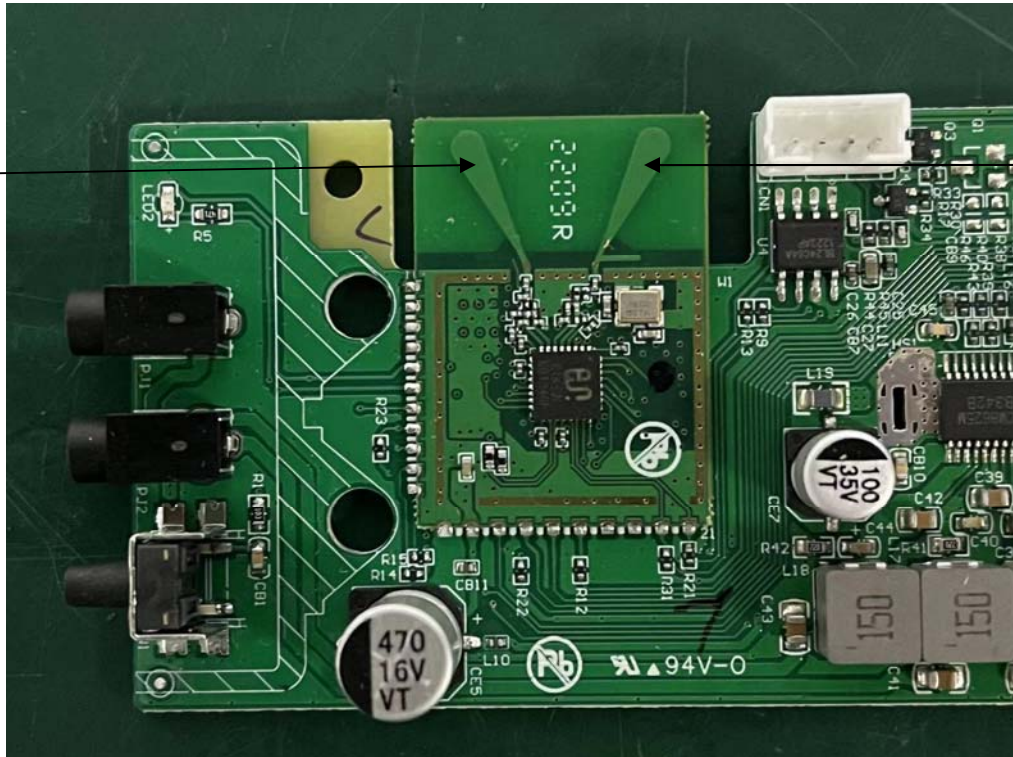


Internal Photos
M/N: S645W-SW



Internal Photos
M/N: S645W-SW

5.8G TX
Left
Antenna



5.8G RX
Right
Antenna

End of Test Report