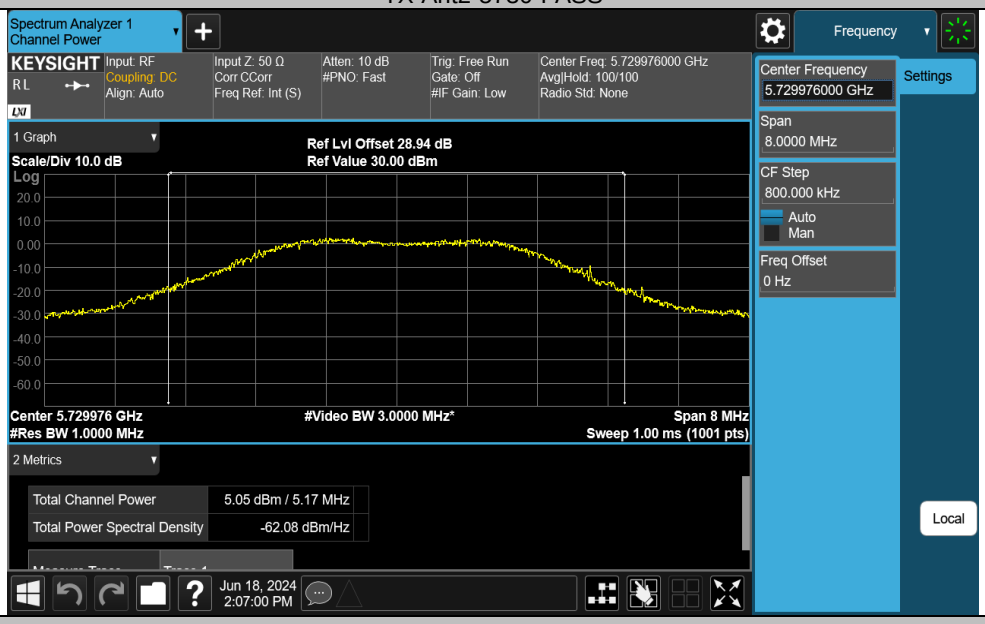
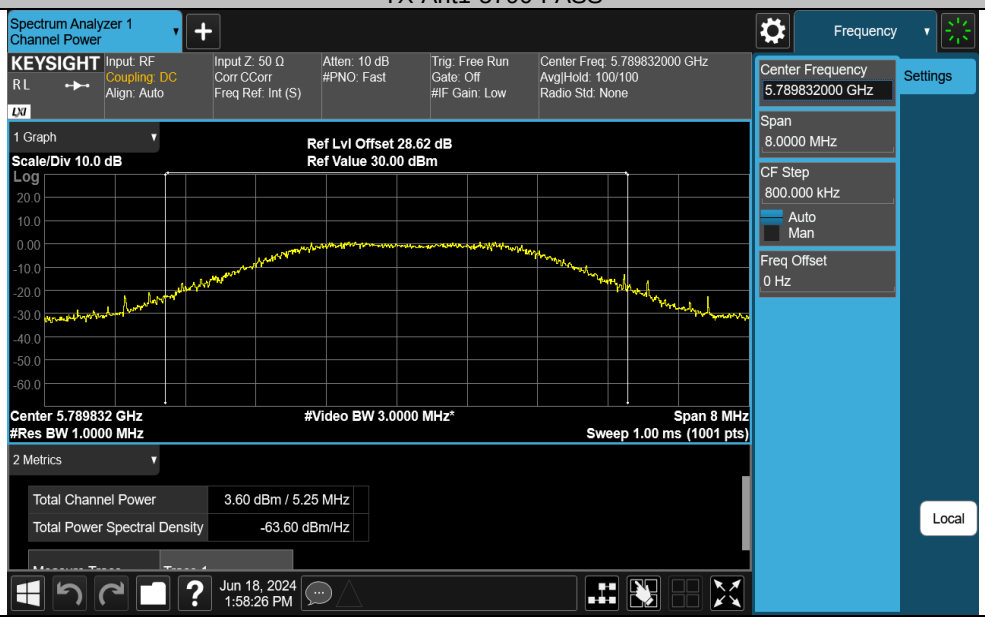
TX-Ant1-5730-PASS

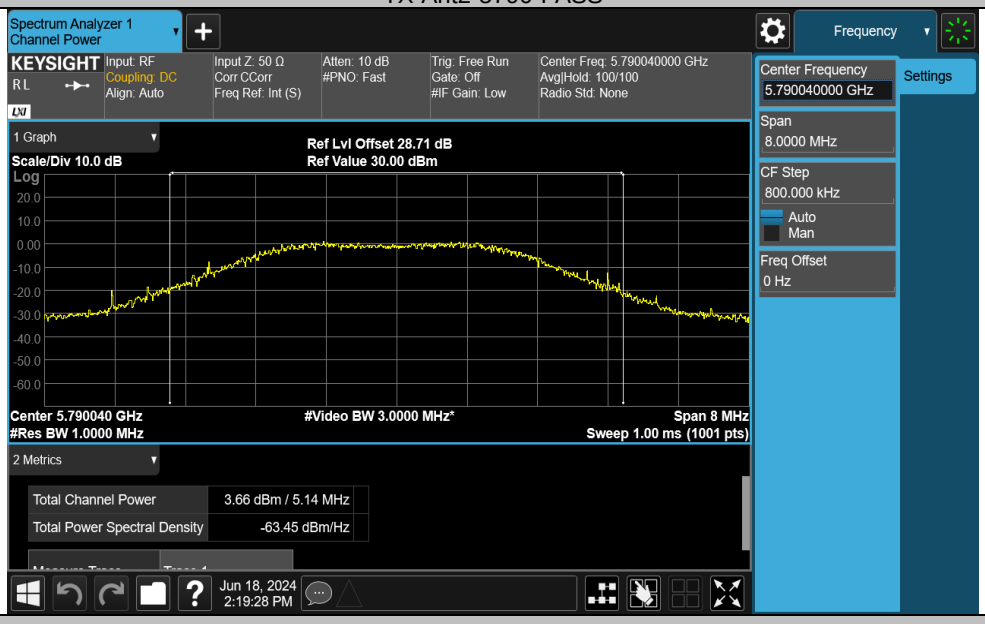
TX-Ant2-5730-PASS



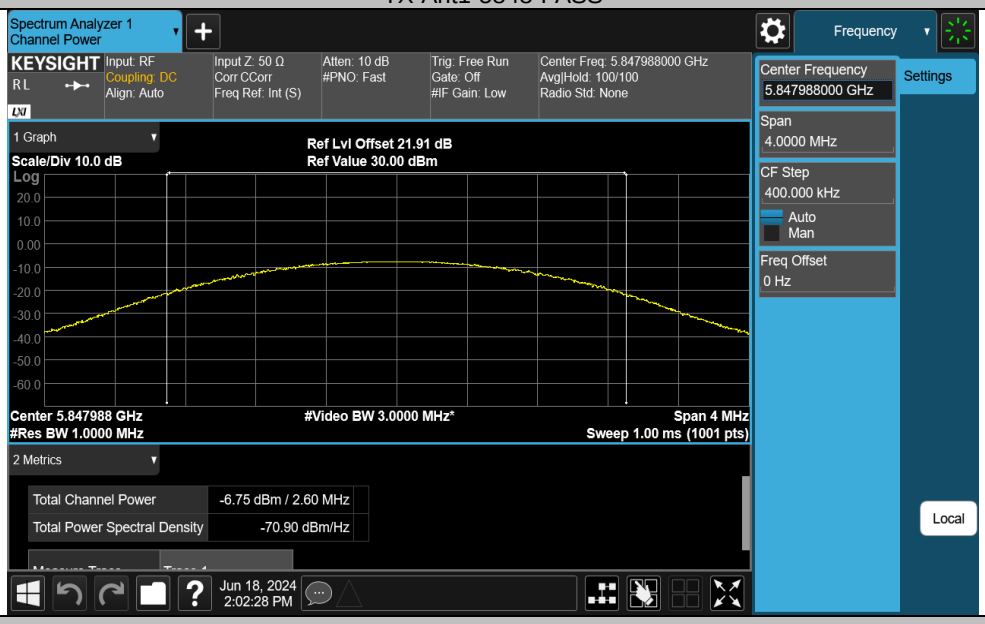
TX-Ant1-5790-PASS



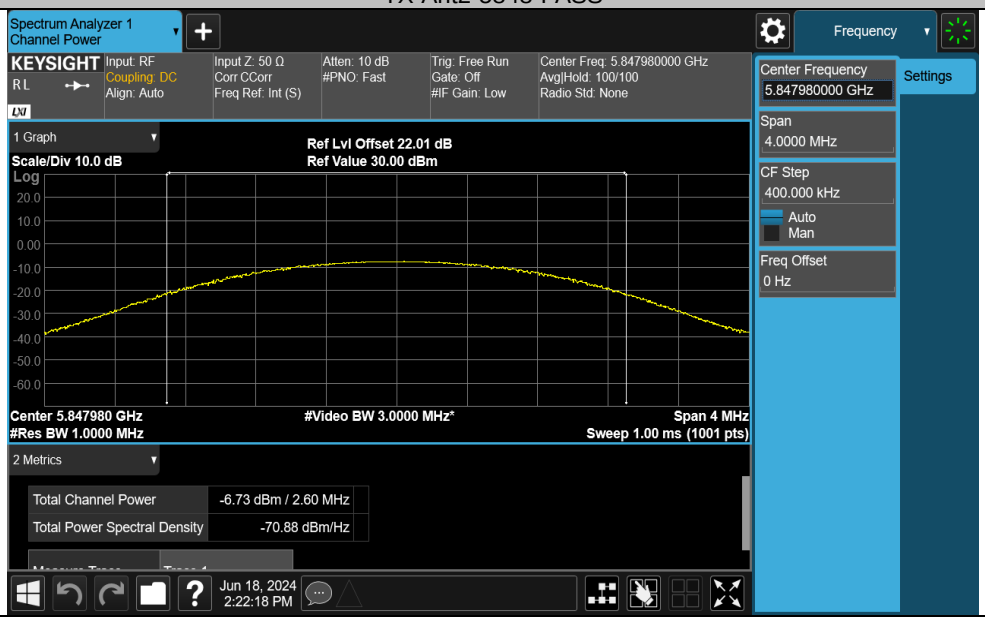
TX-Ant2-5790-PASS



TX-Ant1-5848-PASS



TX-Ant2-5848-PASS



Appendix D: Maximum power spectral density

Test Result

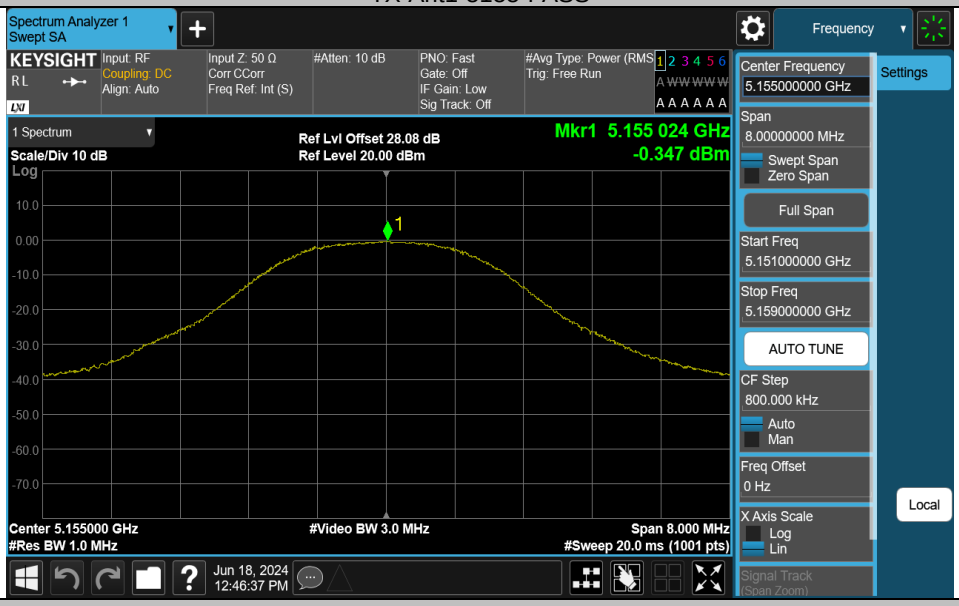
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
GFSK	Ant1	5155	-0.35	≤11.00	PASS
GFSK	Ant2	5155	-0.92	≤11.00	PASS
GFSK	Ant1	5195	1.79	≤11.00	PASS
GFSK	Ant2	5195	1.05	≤11.00	PASS
GFSK	Ant1	5245	1.27	≤11.00	PASS
GFSK	Ant2	5245	1.66	≤11.00	PASS
GFSK	Ant1	5730	0.25	≤30.00	PASS
GFSK	Ant2	5730	-0.62	≤30.00	PASS
GFSK	Ant1	5790	-1.31	≤30.00	PASS
GFSK	Ant2	5790	-1.46	≤30.00	PASS
GFSK	Ant1	5848	-9.30	≤30.00	PASS
GFSK	Ant2	5848	-9.36	≤30.00	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

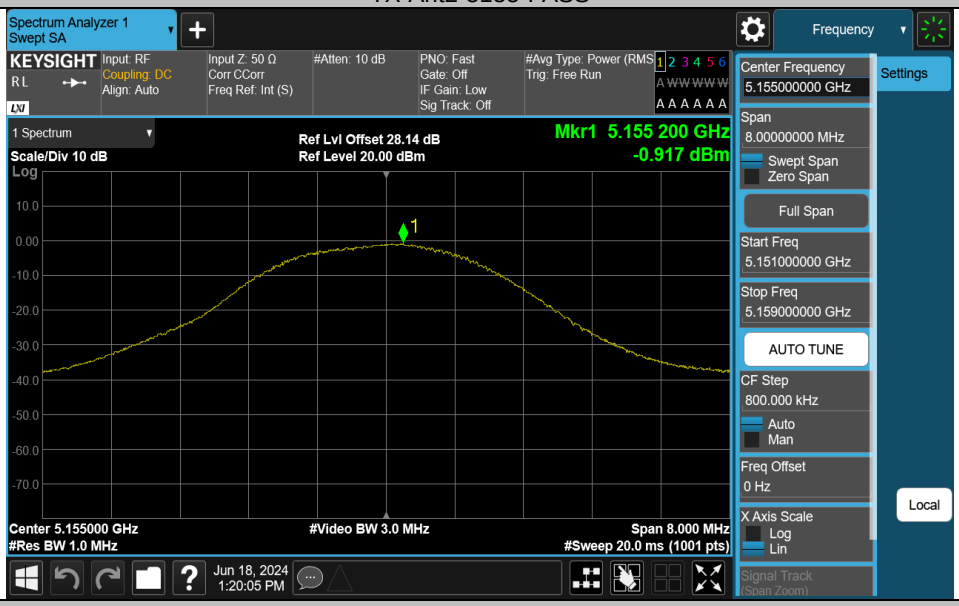
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

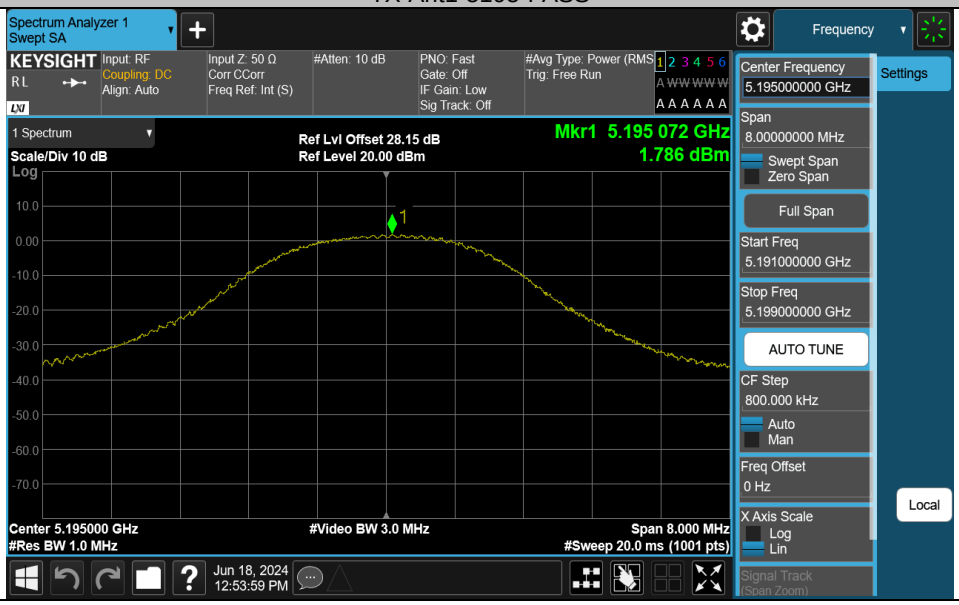
TX-Ant1-5155-PASS



TX-Ant2-5155-PASS



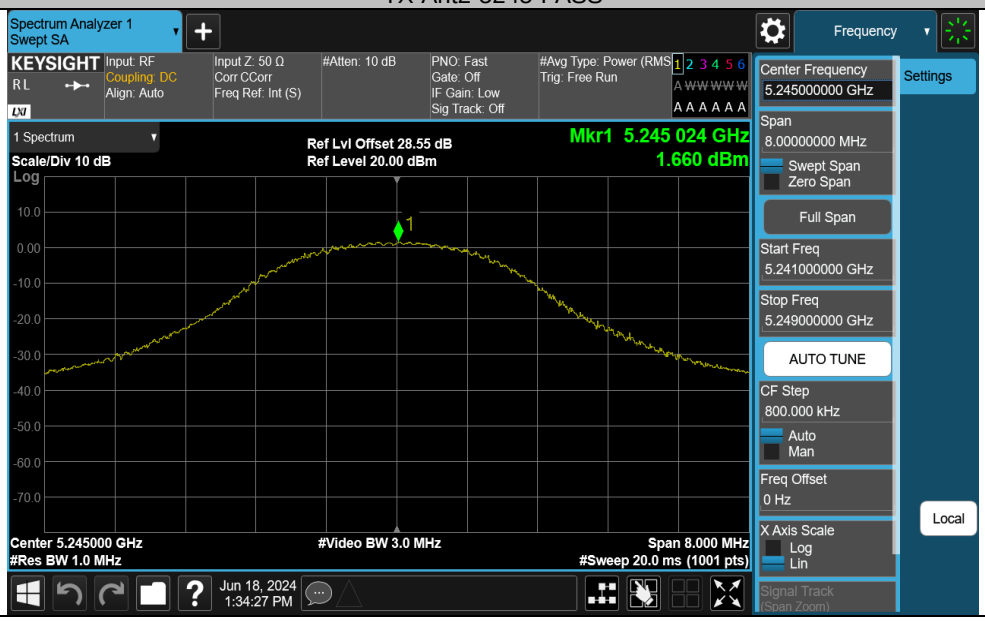
TX-Ant1-5195-PASS



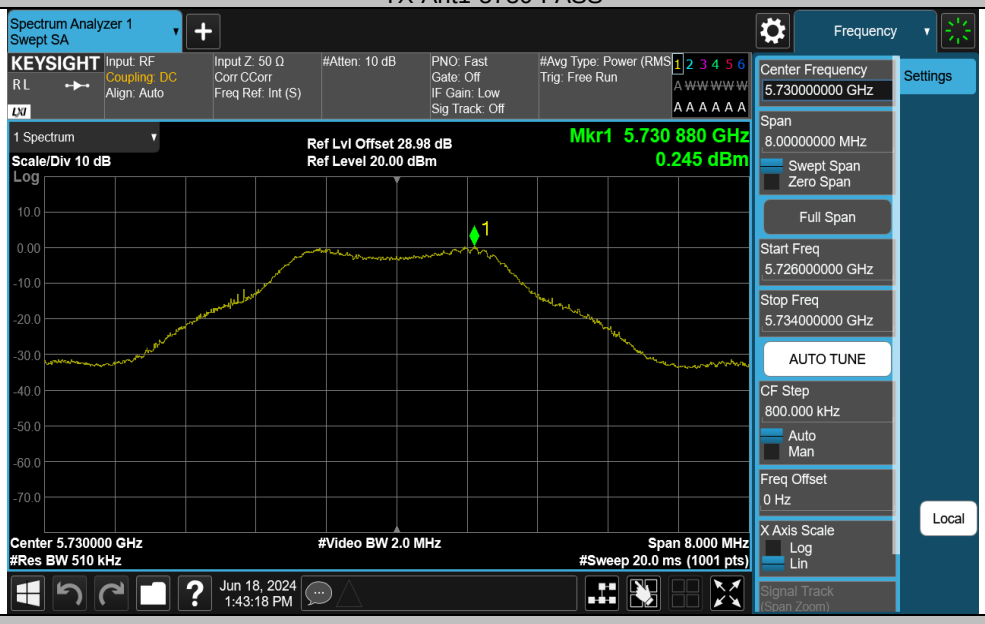
TX-Ant2-5195-PASS

TX-Ant1-5245-PASS

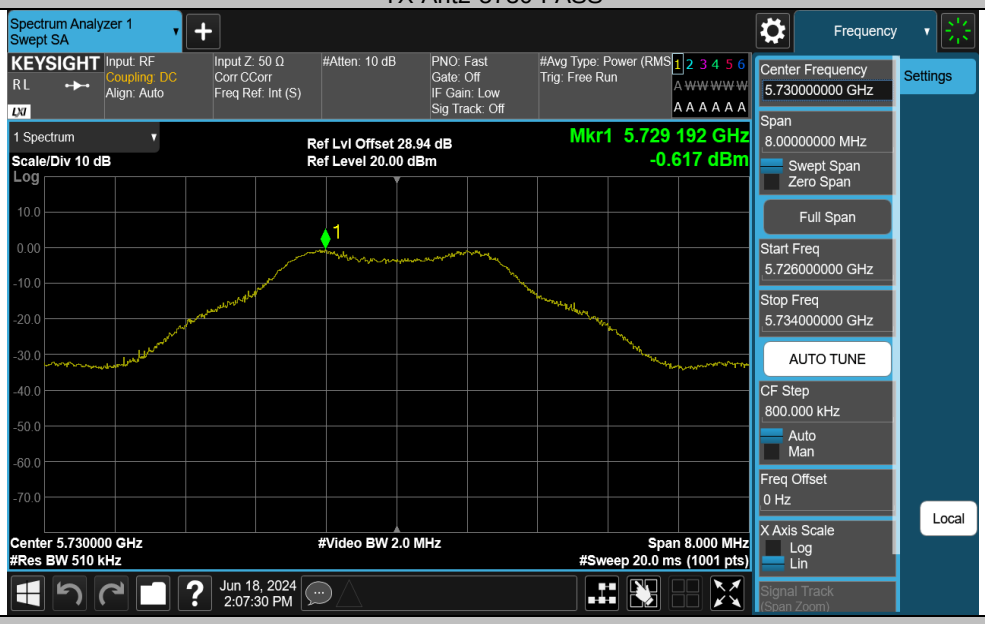
TX-Ant2-5245-PASS



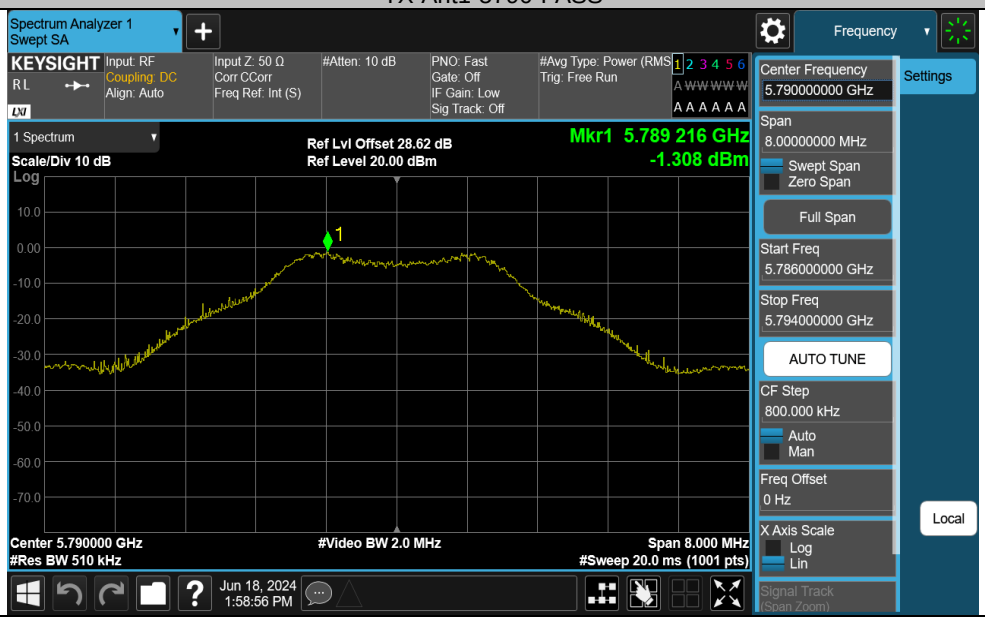
TX-Ant1-5730-PASS



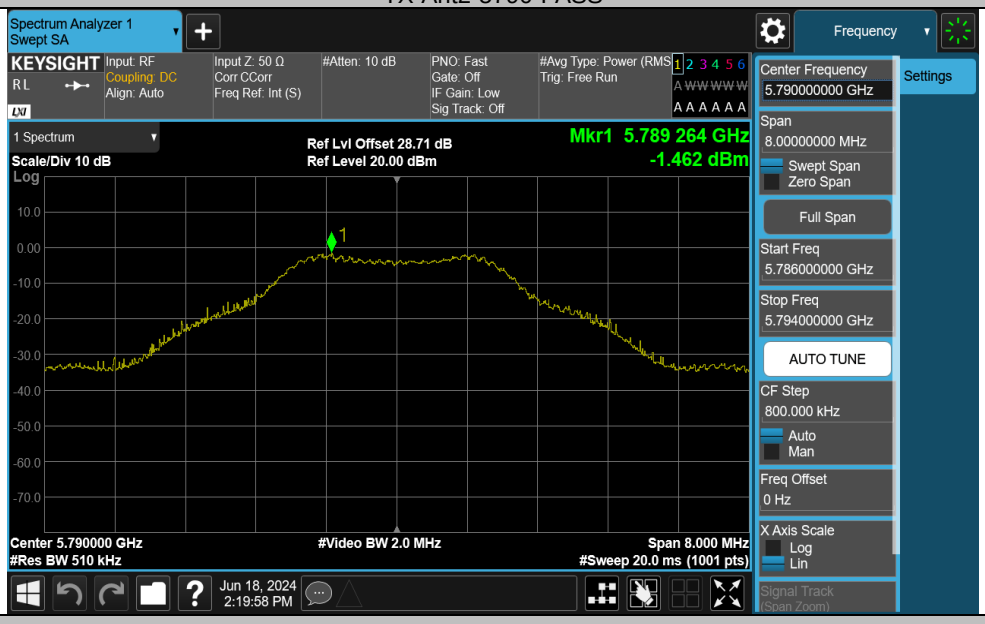
TX-Ant2-5730-PASS



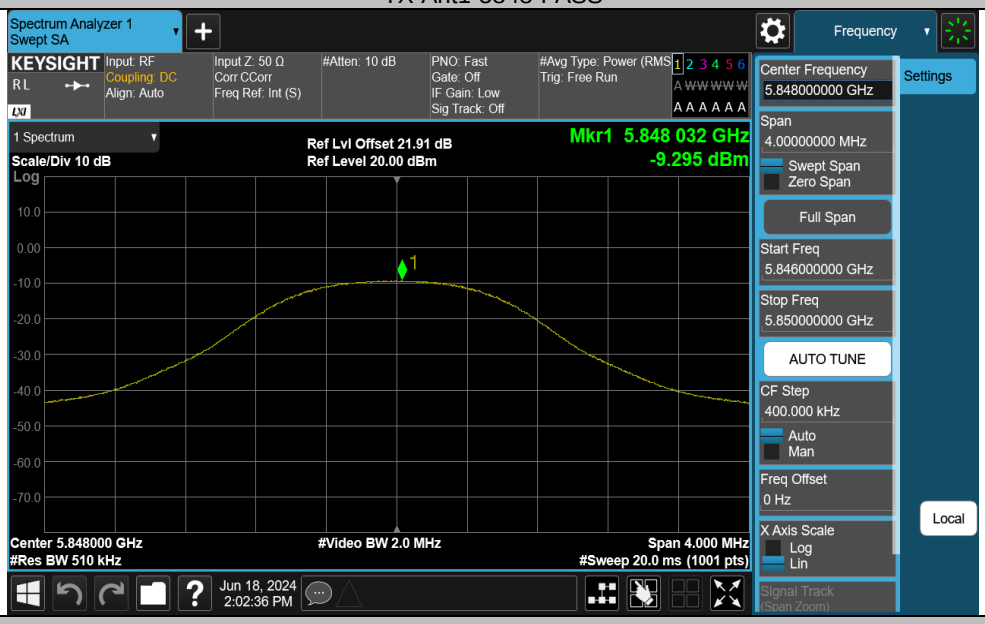
TX-Ant1-5790-PASS



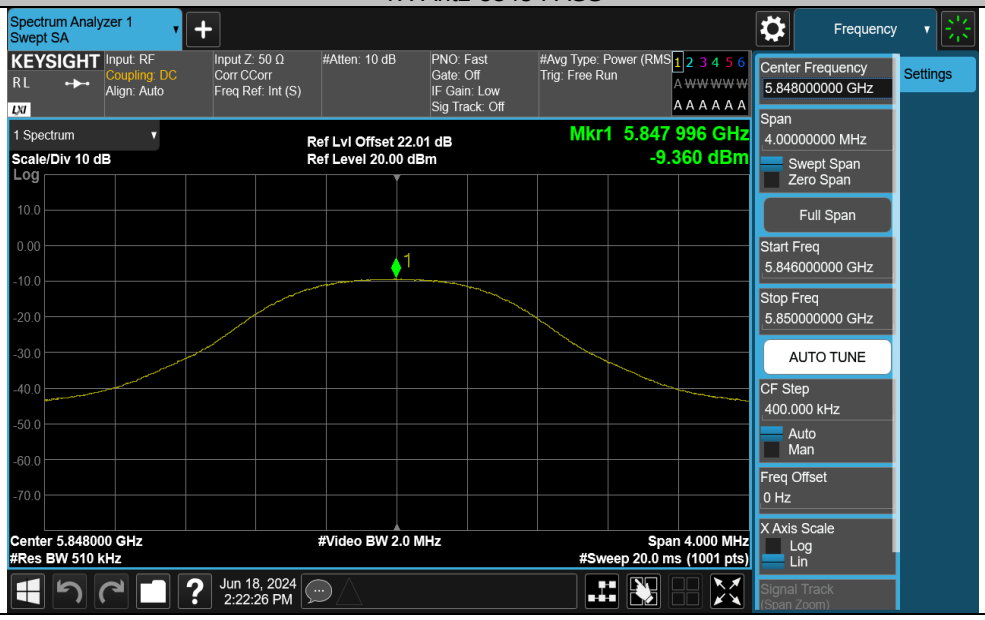
TX-Ant2-5790-PASS



TX-Ant1-5848-PASS



TX-Ant2-5848-PASS



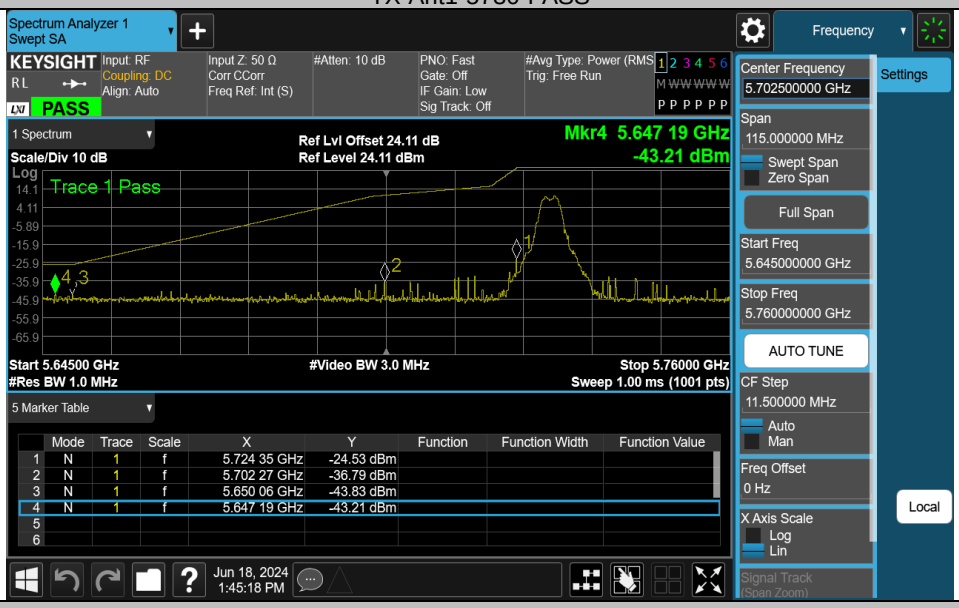
Appendix E: Band edge measurements

Test Result B4

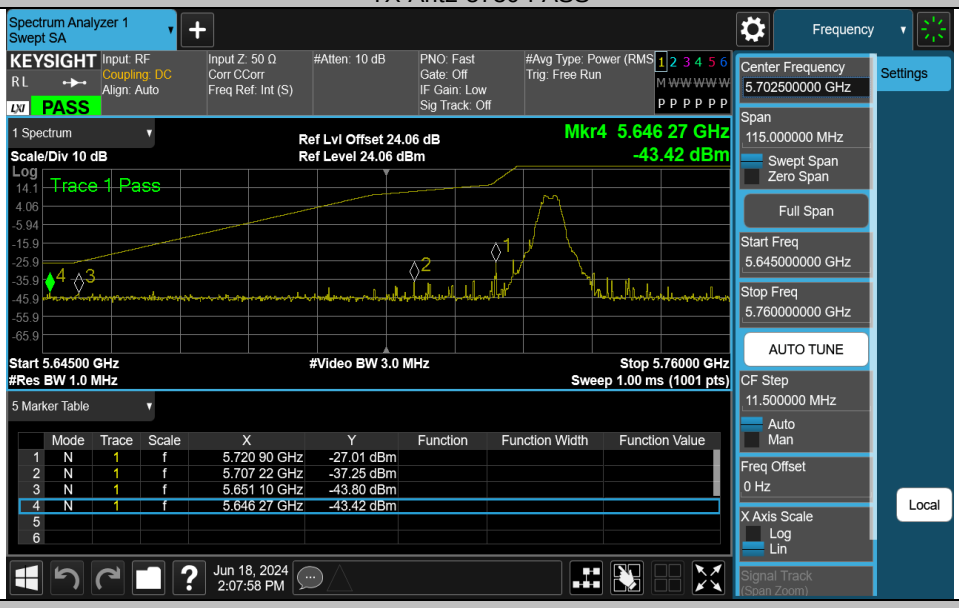
TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
GFSK	Ant1	Low	5730	5720~5725	-24.53	≤25.52	PASS
GFSK	Ant1	Low	5730	5700~5720	-36.79	≤10.64	PASS
GFSK	Ant1	Low	5730	5650~5700	-43.83	≤-26.96	PASS
GFSK	Ant1	Low	5730	5760~5650	-43.21	≤-27	PASS
GFSK	Ant2	Low	5730	5720~5725	-27.01	≤17.65	PASS
GFSK	Ant2	Low	5730	5700~5720	-37.25	≤12.02	PASS
GFSK	Ant2	Low	5730	5650~5700	-43.8	≤-26.19	PASS
GFSK	Ant2	Low	5730	5760~5650	-43.42	≤-27	PASS
GFSK	Ant1	High	5848	5850~5855	-29.24	≤26.81	PASS
GFSK	Ant1	High	5848	5855~5875	-43.18	≤10.21	PASS
GFSK	Ant1	High	5848	5875~5925	-44.57	≤-26.51	PASS
GFSK	Ant1	High	5848	5925~5935	-43.59	≤-27	PASS
GFSK	Ant2	High	5848	5850~5855	-28.82	≤26.81	PASS
GFSK	Ant2	High	5848	5855~5875	-44	≤10.10	PASS
GFSK	Ant2	High	5848	5875~5925	-42.64	≤-25.71	PASS
GFSK	Ant2	High	5848	5925~5935	-42.28	≤-27	PASS

Test Graphs B4

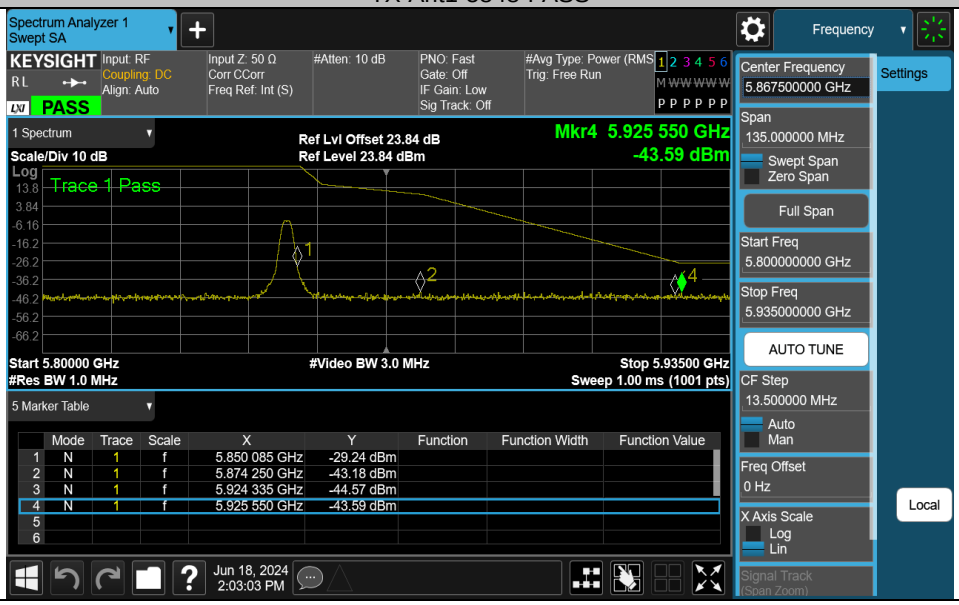
TX-Ant1-5730-PASS



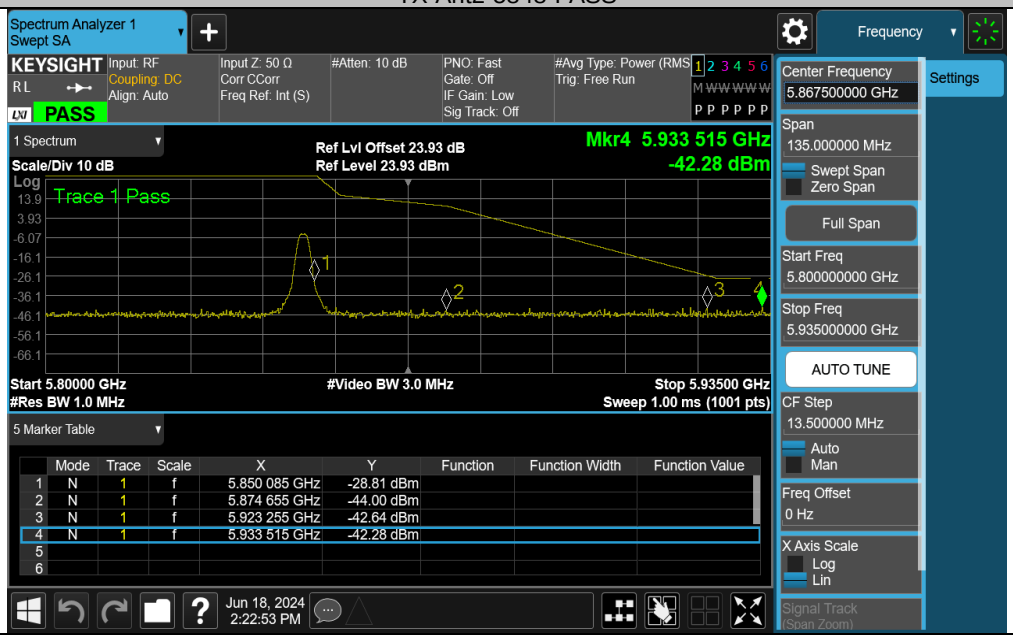
TX-Ant2-5730-PASS



TX-Ant1-5848-PASS



TX-Ant2-5848-PASS



Appendix G: Frequency Stability
Test Result

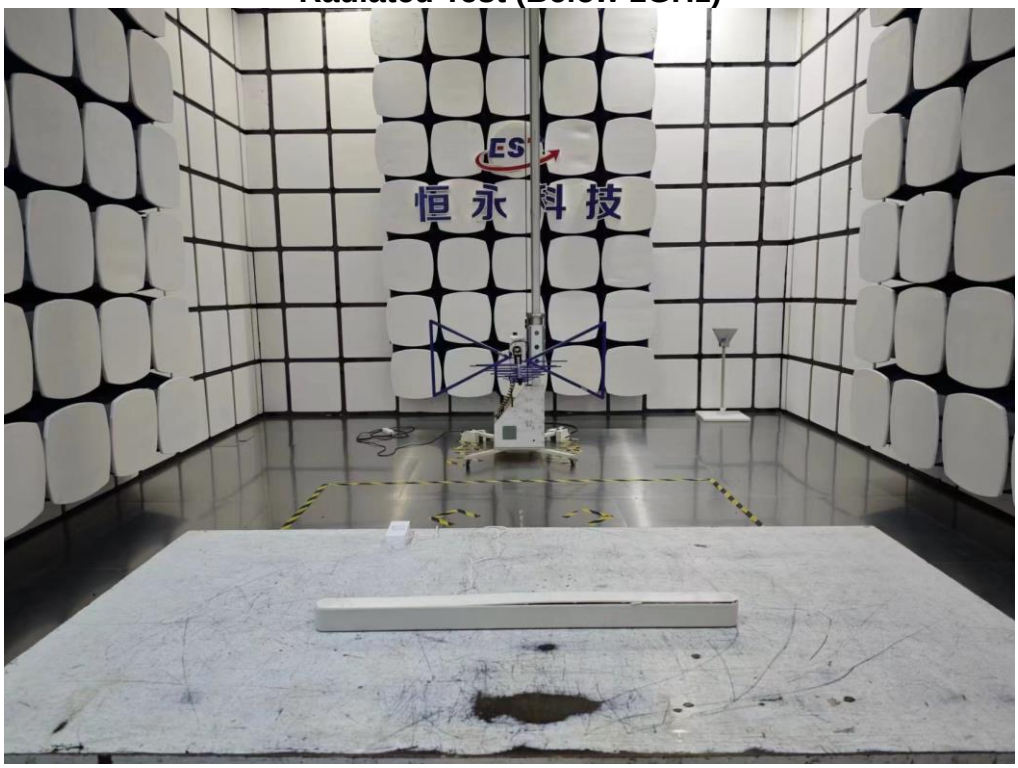
TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GFSK	Ant1	5155	NV	NT	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	LV	NT	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	HV	NT	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	NT	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	LV	NT	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	HV	NT	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5730	NV	NT	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	LV	NT	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	HV	NT	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	NT	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	LV	NT	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	HV	NT	-8000.00	-1.396161	20	PASS

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GFSK	Ant1	5155	NV	-30	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	-20	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	-10	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	0	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	10	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	20	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	30	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	40	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5155	NV	50	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	-30	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	-20	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	-10	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	0	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	10	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	20	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	30	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	40	-24000.00	-4.655674	20	PASS
GFSK	Ant2	5155	NV	50	-24000.00	-4.655674	20	PASS
GFSK	Ant1	5730	NV	-30	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	-20	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	-10	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	0	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	10	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	20	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	30	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	40	-8000.00	-1.396161	20	PASS
GFSK	Ant1	5730	NV	50	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	-30	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	-20	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	-10	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	0	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	10	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	20	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	30	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	40	-8000.00	-1.396161	20	PASS
GFSK	Ant2	5730	NV	50	-8000.00	-1.396161	20	PASS

11. TEST SETUP PHOTO

Conducted Test

Radiated Test (Below 1GHz)

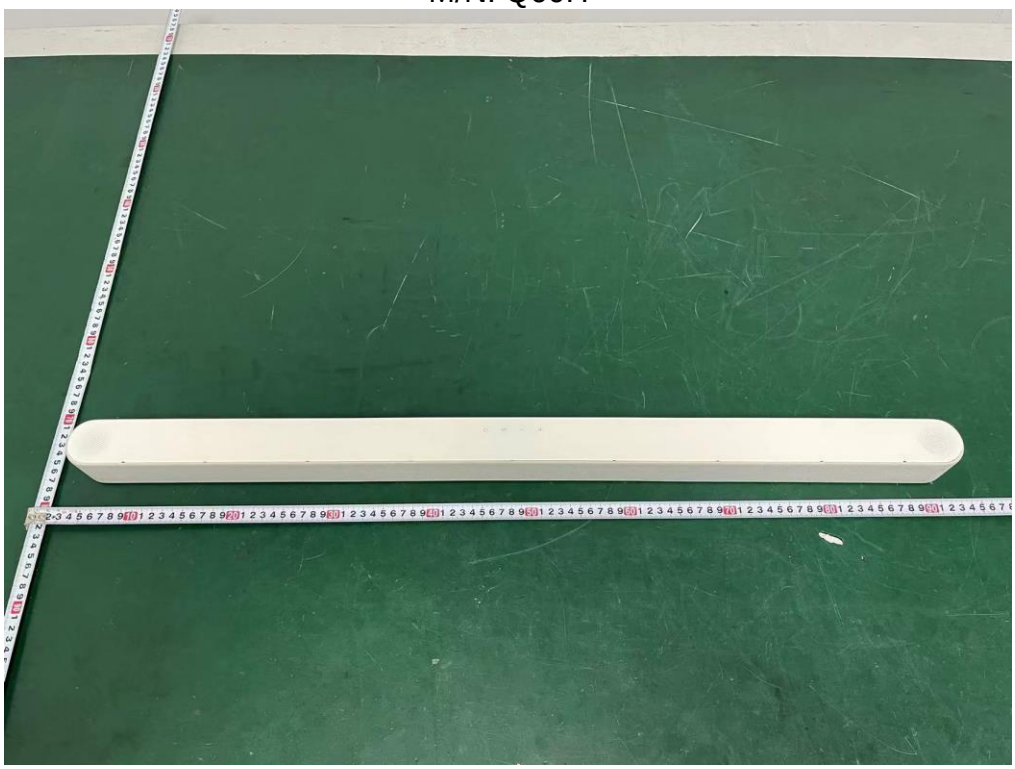


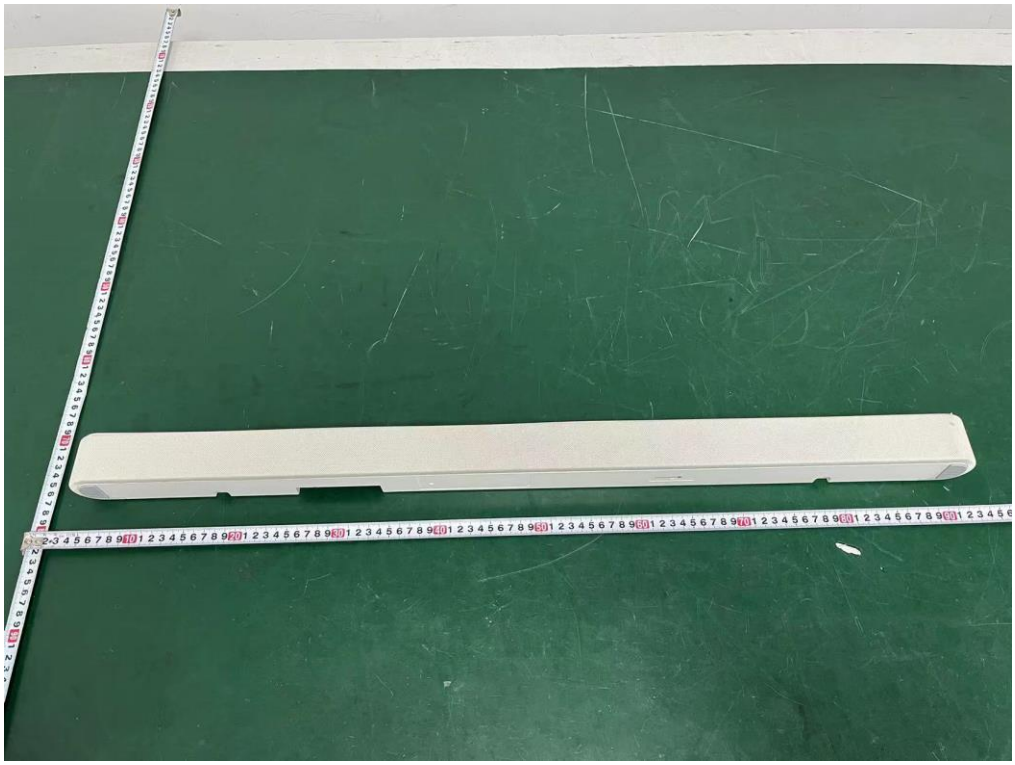
Radiated Test (Above 1GHz)

12. EUT PHOTO

External Photos

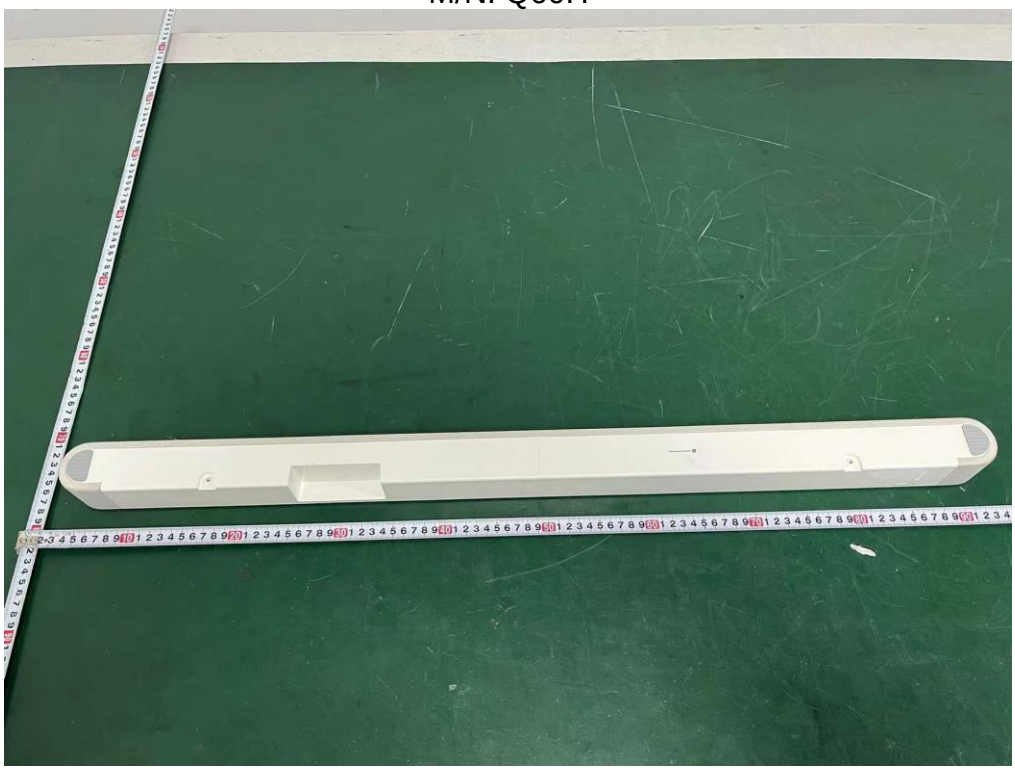
M/N: Q60H

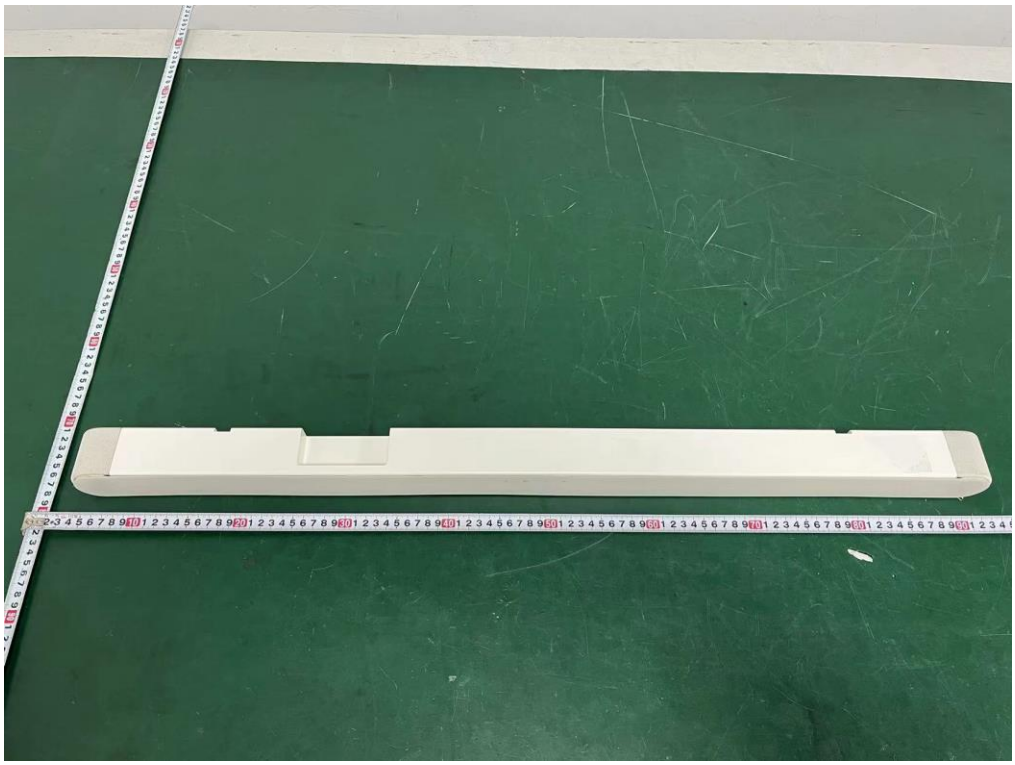




External Photos

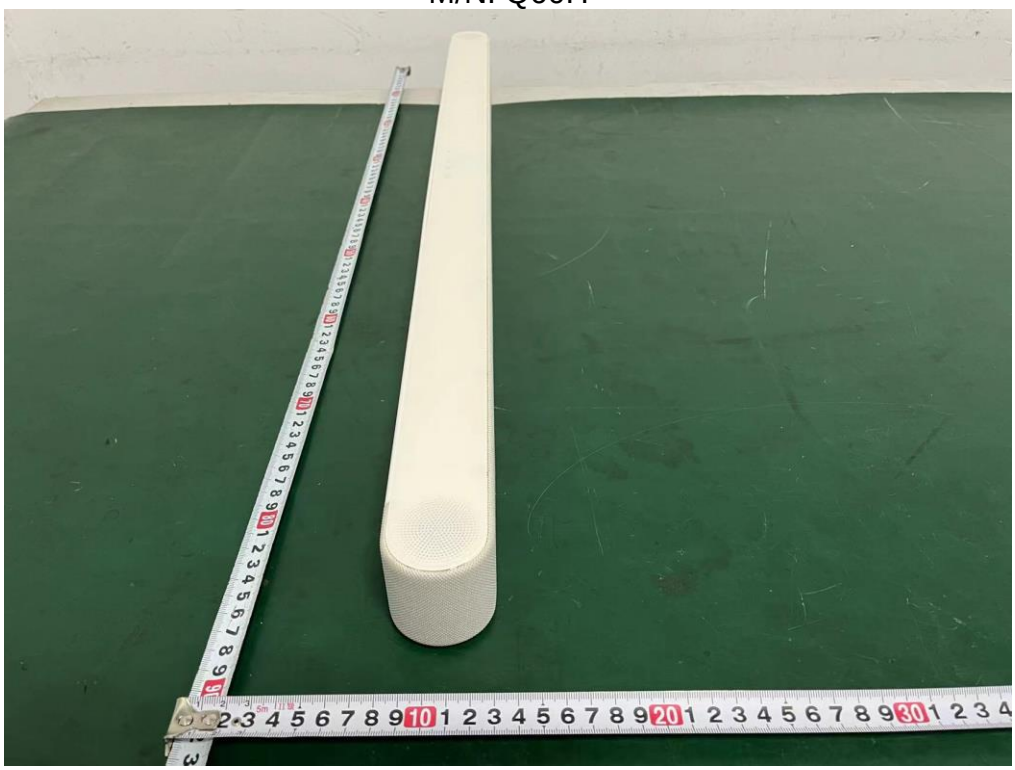
M/N: Q60H

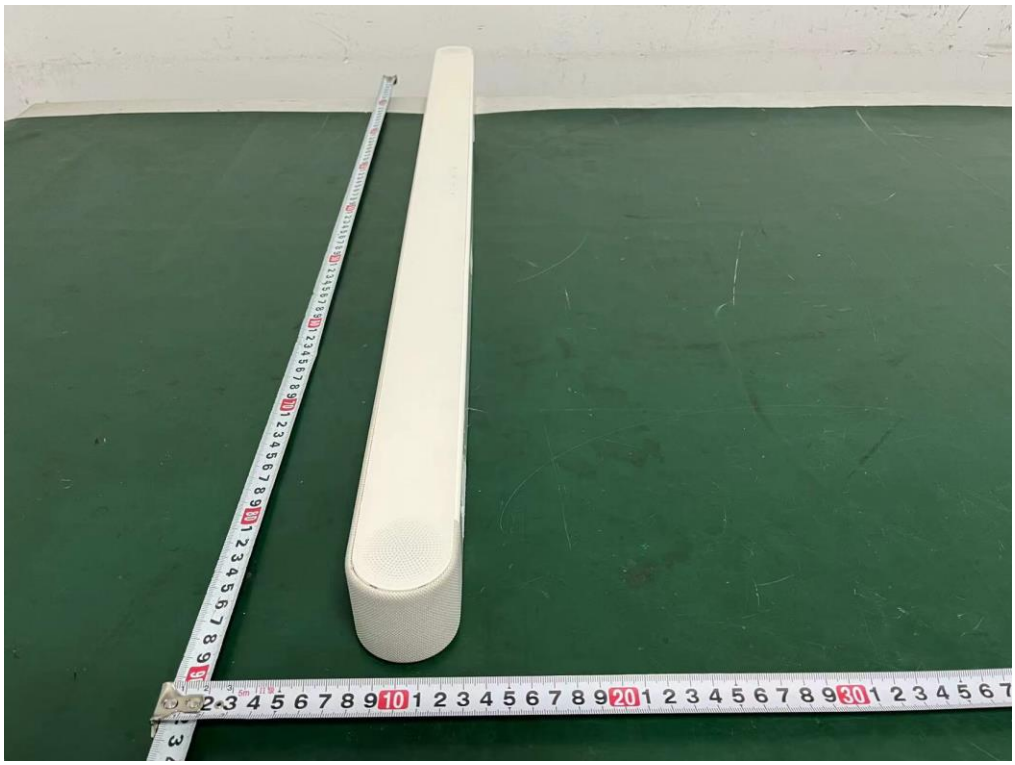




External Photos

M/N: Q60H





External Photos

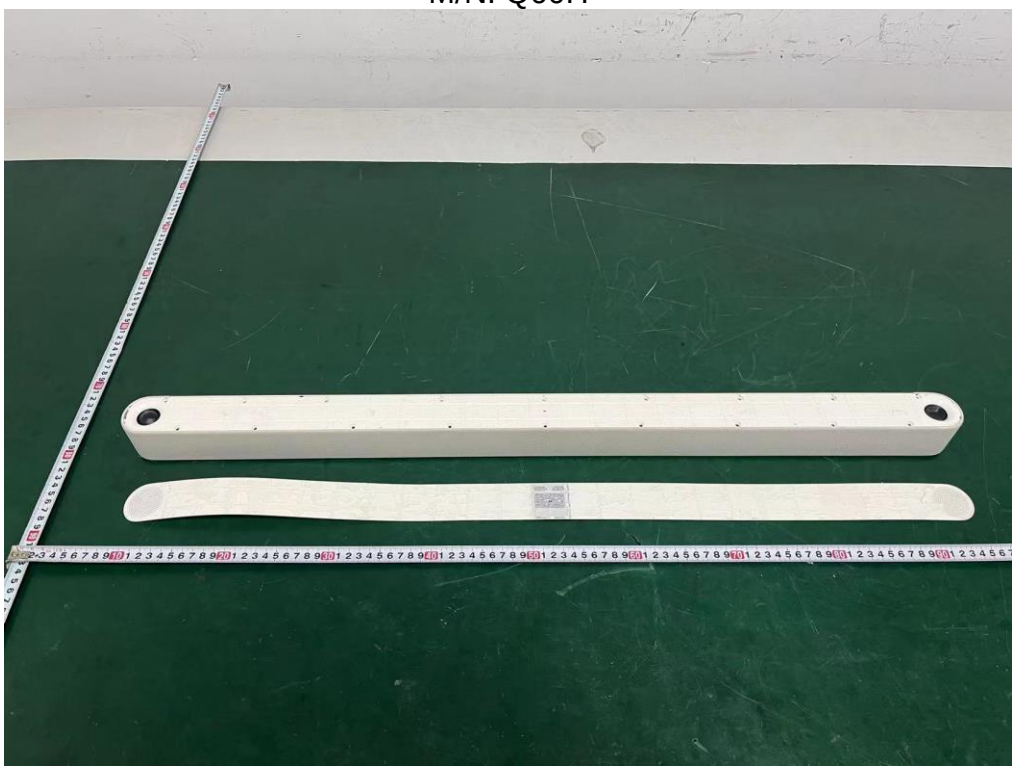
M/N: Q60H

External Photos

M/N: Q60H

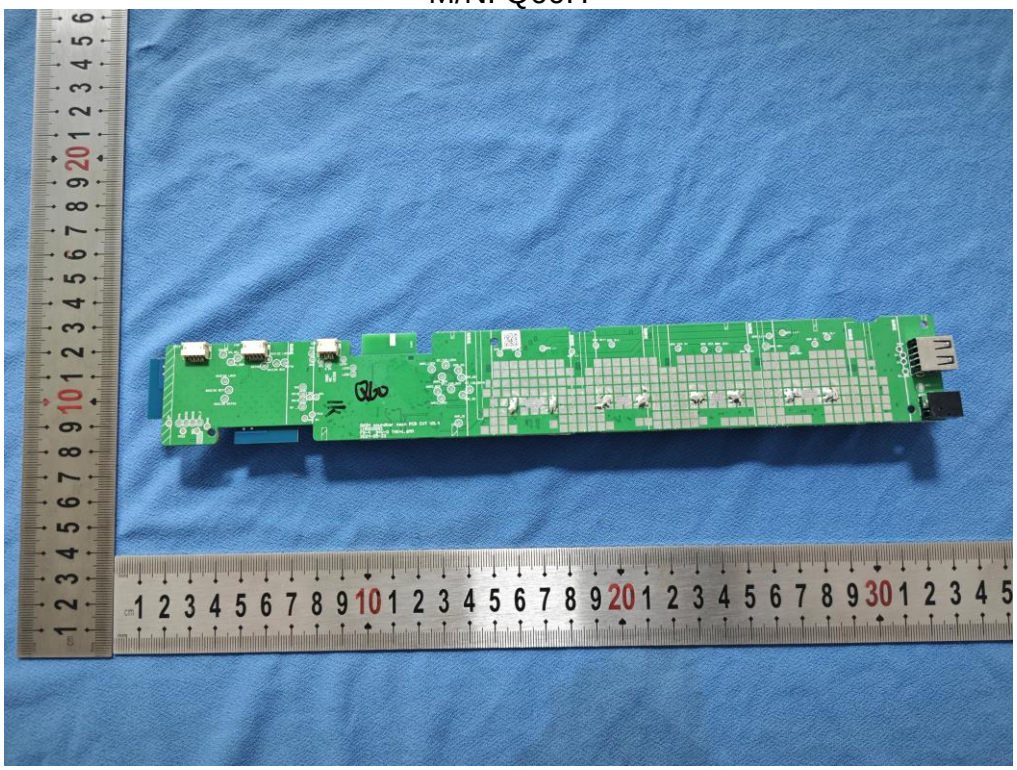
Internal Photos

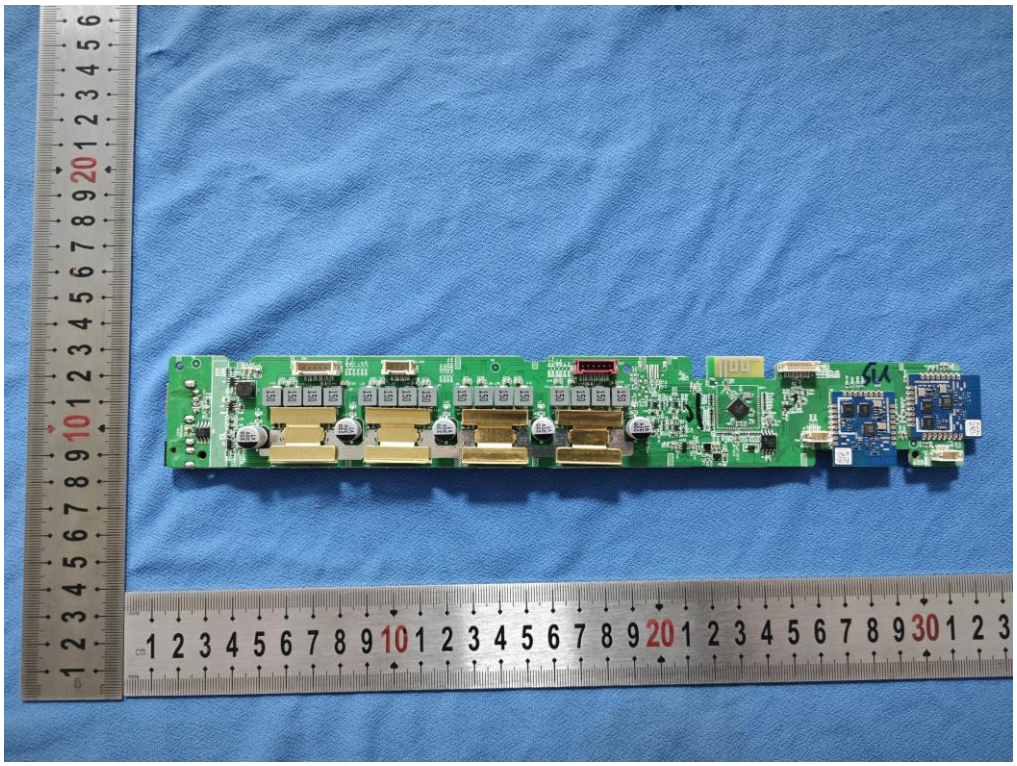
M/N: Q60H



Internal Photos

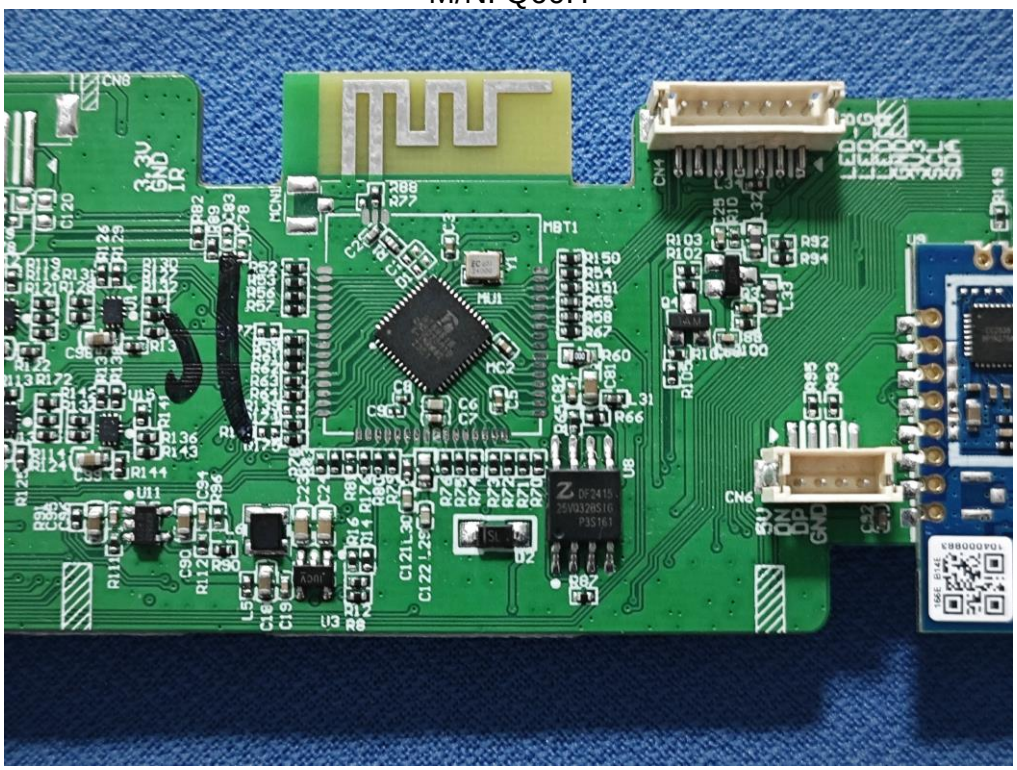
M/N: Q60H

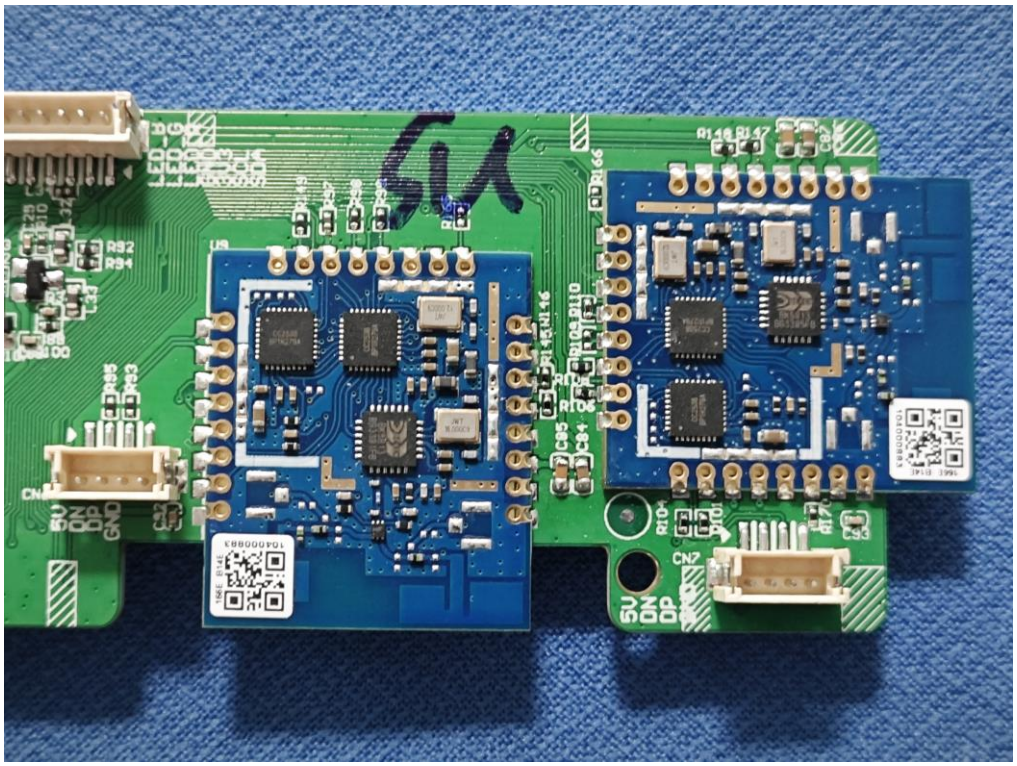




Internal Photos

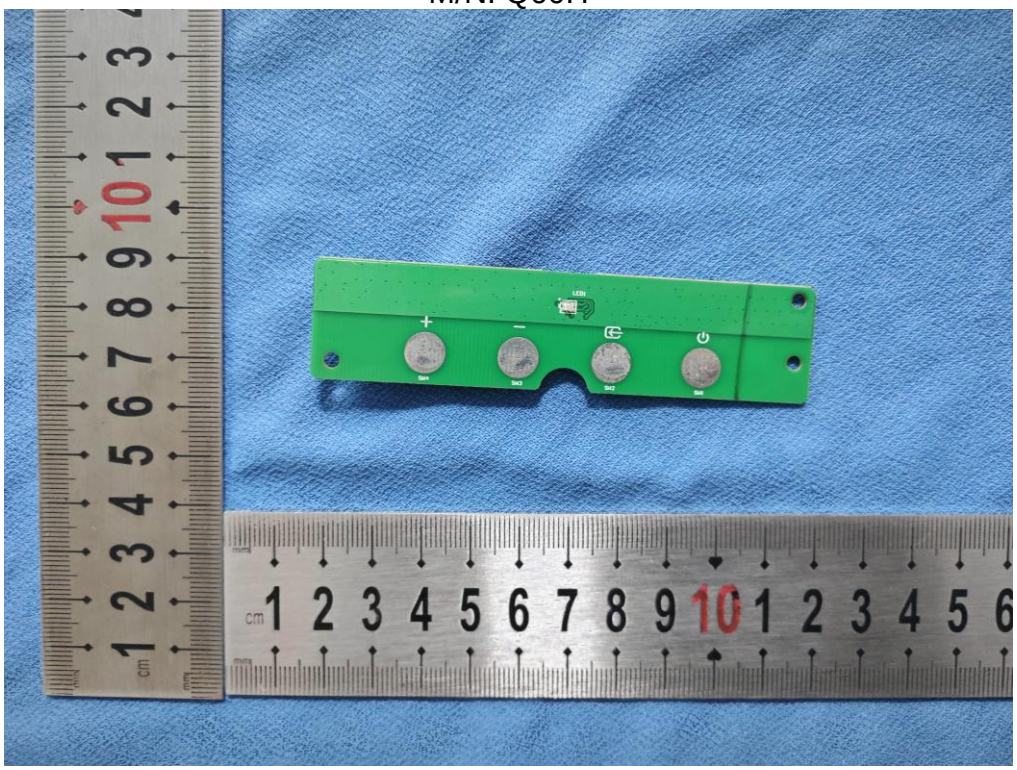
M/N: Q60H

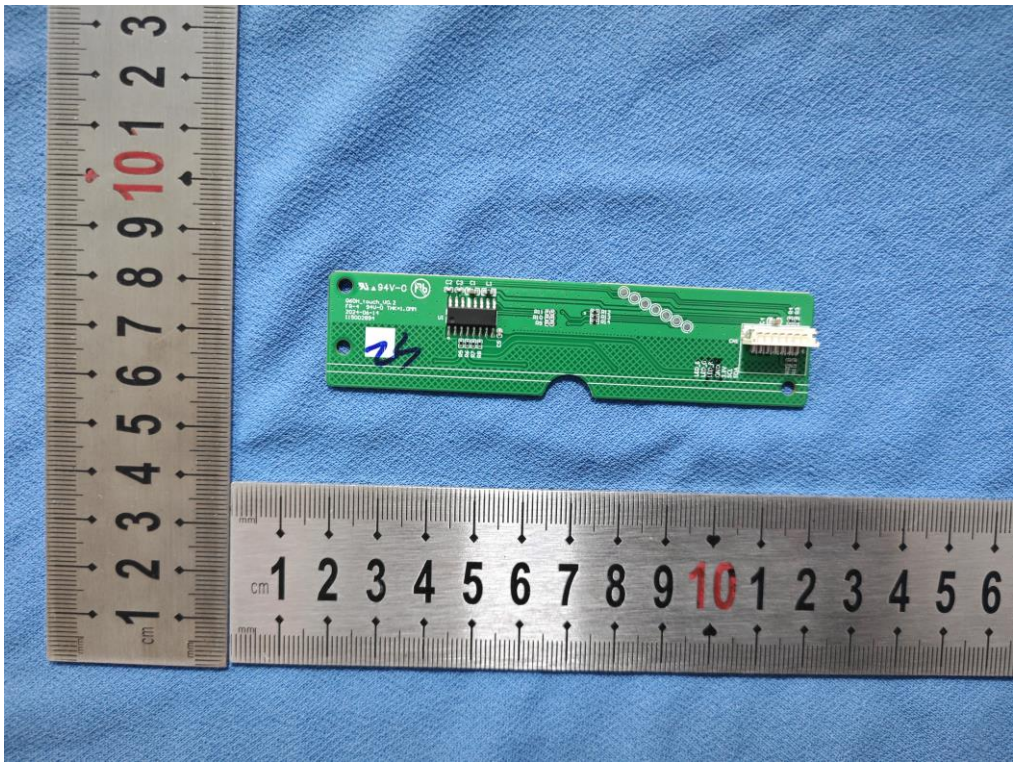




Internal Photos

M/N: Q60H





End of Test Report