





11AX20SISO-Ant1-5240-PASS



11AX20SISO-Ant1-5745-PASS



11AX20SISO-Ant1-5785-PASS



11AX20SISO-Ant1-5825-PASS



11AX40SISO-Ant1-5190-PASS



11AX40SISO-Ant1-5230-PASS



11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS



9.3 Antenna Requirement

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.4 Result

The EUT'S antenna, permanent attached antenna, is PCB Antenna. The antenna's gain is 5.2G WiFi: 1.29 dBi; 5.8G WiFi: 2.02 dBi and meets the requirement.



10 Frequency Stability

Test Requirement : FCC Part15 E Section 15.407 (g)

Test Limit
Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

10.1 Test Procedure

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

10.2 Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-32000.00	-6.177606	20	PASS
11A	Ant1	5180	LV	NT	-32000.00	-6.177606	20	PASS
11A	Ant1	5180	HV	NT	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	NT	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	LV	NT	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	HV	NT	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	LV	NT	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	HV	NT	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	NT	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	LV	NT	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	HV	NT	-31000.00	-5.984556	20	PASS
11A	Ant1	5200	NV	NT	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	LV	NT	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	HV	NT	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	NT	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	LV	NT	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	HV	NT	-32000.00	-6.153846	20	PASS
11AC20SISO	Ant1	5200	NV	NT	-32000.00	-6.153846	20	PASS
11AC20SISO	Ant1	5200	LV	NT	-32000.00	-6.153846	20	PASS
11AC20SISO	Ant1	5200	HV	NT	-32000.00	-6.153846	20	PASS
11AX20SISO	Ant1	5200	NV	NT	-32000.00	-6.153846	20	PASS
11AX20SISO	Ant1	5200	LV	NT	-32000.00	-6.153846	20	PASS



O								
11AX20SIS O	Ant1	5200	HV	NT	-32000.00	-6.153846	20	PASS
11A	Ant1	5240	NV	NT	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	LV	NT	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	HV	NT	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	NT	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	LV	NT	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	HV	NT	-32000.00	-6.106870	20	PASS
11AC20SIS O	Ant1	5240	NV	NT	-32000.00	-6.106870	20	PASS
11AC20SIS O	Ant1	5240	LV	NT	-32000.00	-6.106870	20	PASS
11AC20SIS O	Ant1	5240	HV	NT	-32000.00	-6.106870	20	PASS
11AX20SIS O	Ant1	5240	NV	NT	-32000.00	-6.106870	20	PASS
11AX20SIS O	Ant1	5240	LV	NT	-32000.00	-6.106870	20	PASS
11AX20SIS O	Ant1	5240	HV	NT	-32000.00	-6.106870	20	PASS
11A	Ant1	5745	NV	NT	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	LV	NT	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	HV	NT	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	NT	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	LV	NT	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	HV	NT	-35000.00	-6.092254	20	PASS
11AC20SIS O	Ant1	5745	NV	NT	-35000.00	-6.092254	20	PASS
11AC20SIS O	Ant1	5745	LV	NT	-35000.00	-6.092254	20	PASS
11AC20SIS O	Ant1	5745	HV	NT	-35000.00	-6.092254	20	PASS
11AX20SIS O	Ant1	5745	NV	NT	-35000.00	-6.092254	20	PASS
11AX20SIS O	Ant1	5745	LV	NT	-35000.00	-6.092254	20	PASS
11AX20SIS O	Ant1	5745	HV	NT	-35000.00	-6.092254	20	PASS
11A	Ant1	5785	NV	NT	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	LV	NT	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	HV	NT	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	NT	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	LV	NT	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	HV	NT	-35000.00	-6.050130	20	PASS
11AC20SIS O	Ant1	5785	NV	NT	-35000.00	-6.050130	20	PASS
11AC20SIS O	Ant1	5785	LV	NT	-35000.00	-6.050130	20	PASS
11AC20SIS O	Ant1	5785	HV	NT	-35000.00	-6.050130	20	PASS
11AX20SIS O	Ant1	5785	NV	NT	-35000.00	-6.050130	20	PASS
11AX20SIS O	Ant1	5785	LV	NT	-35000.00	-6.050130	20	PASS
11AX20SIS O	Ant1	5785	HV	NT	-35000.00	-6.050130	20	PASS



11A	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	LV	NT	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	HV	NT	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	LV	NT	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	HV	NT	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	LV	NT	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	HV	NT	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	LV	NT	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	HV	NT	-36000.00	-6.180258	20	PASS
11N40SISO	Ant1	5190	NV	NT	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5190	LV	NT	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5190	HV	NT	-32000.00	-6.165703	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-32000.00	-6.165703	20	PASS
11AC40SISO	Ant1	5190	LV	NT	-32000.00	-6.165703	20	PASS
11AC40SISO	Ant1	5190	HV	NT	-32000.00	-6.165703	20	PASS
11AX40SISO	Ant1	5190	NV	NT	-32000.00	-6.165703	20	PASS
11AX40SISO	Ant1	5190	LV	NT	-32000.00	-6.165703	20	PASS
11AX40SISO	Ant1	5190	HV	NT	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5230	NV	NT	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	LV	NT	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	HV	NT	-32000.00	-6.118547	20	PASS
11AC40SISO	Ant1	5230	NV	NT	-32000.00	-6.118547	20	PASS
11AC40SISO	Ant1	5230	LV	NT	-32000.00	-6.118547	20	PASS
11AC40SISO	Ant1	5230	HV	NT	-32000.00	-6.118547	20	PASS
11AX40SISO	Ant1	5230	NV	NT	-32000.00	-6.118547	20	PASS
11AX40SISO	Ant1	5230	LV	NT	-32000.00	-6.118547	20	PASS
11AX40SISO	Ant1	5230	HV	NT	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5755	NV	NT	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5755	LV	NT	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5755	HV	NT	-35000.00	-6.081668	20	PASS
11AC40SISO	Ant1	5755	NV	NT	-35000.00	-6.081668	20	PASS
11AC40SISO	Ant1	5755	LV	NT	-35000.00	-6.081668	20	PASS
11AC40SISO	Ant1	5755	HV	NT	-35000.00	-6.081668	20	PASS



Report No.: PTC24032524401E-FC04

11AX40SIS O	Ant1	5755	NV	NT	-35000.00	-6.081668	20	PASS
11AX40SIS O	Ant1	5755	LV	NT	-35000.00	-6.081668	20	PASS
11AX40SIS O	Ant1	5755	HV	NT	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5795	NV	NT	-36000.00	-6.212252	20	PASS
11N40SISO	Ant1	5795	LV	NT	-36000.00	-6.212252	20	PASS
11N40SISO	Ant1	5795	HV	NT	-36000.00	-6.212252	20	PASS
11AC40SIS O	Ant1	5795	NV	NT	-36000.00	-6.212252	20	PASS
11AC40SIS O	Ant1	5795	LV	NT	-36000.00	-6.212252	20	PASS
11AC40SIS O	Ant1	5795	HV	NT	-36000.00	-6.212252	20	PASS
11AX40SIS O	Ant1	5795	NV	NT	-36000.00	-6.212252	20	PASS
11AX40SIS O	Ant1	5795	LV	NT	-36000.00	-6.212252	20	PASS
11AX40SIS O	Ant1	5795	HV	NT	-36000.00	-6.212252	20	PASS



TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-32000.00	-6.177606	20	PASS
11A	Ant1	5180	NV	-20	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	-10	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	0	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	10	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	20	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	30	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	40	-31000.00	-5.984556	20	PASS
11A	Ant1	5180	NV	50	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	-30	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	-20	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	-10	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	0	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	10	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	20	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	30	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	40	-31000.00	-5.984556	20	PASS
11N20SISO	Ant1	5180	NV	50	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	-30	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	-20	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	-10	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	0	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	10	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	20	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	30	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	40	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant1	5180	NV	50	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	-30	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	-20	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	-10	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	0	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	10	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	20	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	30	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	40	-31000.00	-5.984556	20	PASS
11AX20SISO	Ant1	5180	NV	50	-31000.00	-5.984556	20	PASS



O								
11A	Ant1	5200	NV	-30	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	-20	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	-10	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	0	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	10	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	20	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	30	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	40	-32000.00	-6.153846	20	PASS
11A	Ant1	5200	NV	50	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	-30	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	-20	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	-10	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	0	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	10	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	20	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	30	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	40	-32000.00	-6.153846	20	PASS
11N20SISO	Ant1	5200	NV	50	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	-30	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	-20	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	-10	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	0	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	10	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	20	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	30	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	40	-32000.00	-6.153846	20	PASS
11AC20SIS O	Ant1	5200	NV	50	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	-30	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	-20	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	-10	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	0	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	10	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	20	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	30	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	40	-32000.00	-6.153846	20	PASS
11AX20SIS O	Ant1	5200	NV	50	-32000.00	-6.153846	20	PASS
11A	Ant1	5240	NV	-30	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	-20	-32000.00	-6.106870	20	PASS



11A	Ant1	5240	NV	-10	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	0	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	10	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	20	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	30	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	40	-32000.00	-6.106870	20	PASS
11A	Ant1	5240	NV	50	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	-30	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	-20	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	-10	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	0	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	10	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	20	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	30	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	40	-32000.00	-6.106870	20	PASS
11N20SISO	Ant1	5240	NV	50	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	-30	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	-20	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	-10	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	0	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	10	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	20	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	30	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	40	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	NV	50	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	-30	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	-20	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	-10	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	0	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	10	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	20	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	30	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	40	-32000.00	-6.106870	20	PASS
11AX20SISO	Ant1	5240	NV	50	-32000.00	-6.106870	20	PASS
11A	Ant1	5745	NV	-30	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	-20	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	-10	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	0	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	10	-35000.00	-6.092254	20	PASS



11A	Ant1	5745	NV	20	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	30	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	40	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	50	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	-30	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	-20	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	-10	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	0	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	10	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	20	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	30	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	40	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	50	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	-30	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	-20	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	-10	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	0	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	10	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	20	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	30	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	40	-35000.00	-6.092254	20	PASS
11AC20SISO	Ant1	5745	NV	50	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	-30	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	-20	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	-10	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	0	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	10	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	20	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	30	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	40	-35000.00	-6.092254	20	PASS
11AX20SISO	Ant1	5745	NV	50	-35000.00	-6.092254	20	PASS
11A	Ant1	5785	NV	-30	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	-20	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	-10	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	0	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	10	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	20	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	30	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	NV	40	-35000.00	-6.050130	20	PASS



11A	Ant1	5785	NV	50	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	-30	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	-20	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	-10	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	0	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	10	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	20	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	30	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	40	-35000.00	-6.050130	20	PASS
11N20SISO	Ant1	5785	NV	50	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	-30	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	-20	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	-10	-35000.00	-6.050130	20	PASS
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11AC20SISO	Ant1	5785	NV	10	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	20	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	30	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	40	-35000.00	-6.050130	20	PASS
11AC20SISO	Ant1	5785	NV	50	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	-30	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	-20	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	-10	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	0	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	10	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	20	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	30	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	40	-35000.00	-6.050130	20	PASS
11AX20SISO	Ant1	5785	NV	50	-35000.00	-6.050130	20	PASS
11A	Ant1	5825	NV	-30	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	-20	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	-10	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	0	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	10	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	20	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	30	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	40	-36000.00	-6.180258	20	PASS
11A	Ant1	5825	NV	50	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	-30	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	-20	-36000.00	-6.180258	20	PASS



11N20SISO	Ant1	5825	NV	-10	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	0	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	10	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	20	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	30	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	40	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	NV	50	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	-30	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	-20	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	-10	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	0	-36000.00	-6.180258	20	PASS
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11AC20SISO	Ant1	5825	NV	30	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	40	-36000.00	-6.180258	20	PASS
11AC20SISO	Ant1	5825	NV	50	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	NV	-30	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	NV	-20	-36000.00	-6.180258	20	PASS
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11AX20SISO	Ant1	5825	NV	0	-36000.00	-6.180258	20	PASS
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11AX20SISO	Ant1	5825	NV	20	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	NV	30	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	NV	40	-36000.00	-6.180258	20	PASS
11AX20SISO	Ant1	5825	NV	50	-36000.00	-6.180258	20	PASS
11N40SISO	Ant1	5190	NV	-30	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5190	NV	-20	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5190	NV	-10	-32000.00	-6.165703	20	PASS
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11N40SISO	Ant1	5190	NV	30	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5190	NV	40	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5190	NV	50	-32000.00	-6.165703	20	PASS
11AC40SISO	Ant1	5190	NV	-30	-32000.00	-6.165703	20	PASS
11AC40SISO	Ant1	5190	NV	-20	-32000.00	-6.165703	20	PASS
11AC40SISO	Ant1	5190	NV	-10	-32000.00	-6.165703	20	PASS



Report No.: PTC24032524401E-FC04

O								
11AC40SIS O	Ant1	5190	NV	0	-32000.00	-6.165703	20	PASS
11AC40SIS O	Ant1	5190	NV	10	-32000.00	-6.165703	20	PASS
11AC40SIS O	Ant1	5190	NV	20	-32000.00	-6.165703	20	PASS
11AC40SIS O	Ant1	5190	NV	30	-32000.00	-6.165703	20	PASS
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11AC40SIS O	Ant1	5190	NV	50	-32000.00	-6.165703	20	PASS
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11AX40SIS O	Ant1	5190	NV	20	-32000.00	-6.165703	20	PASS
11AX40SIS O	Ant1	5190	NV	30	-32000.00	-6.165703	20	PASS
11AX40SIS O	Ant1	5190	NV	40	-32000.00	-6.165703	20	PASS
11AX40SIS O	Ant1	5190	NV	50	-32000.00	-6.165703	20	PASS
11N40SISO	Ant1	5230	NV	-30	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	NV	-20	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	NV	-10	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	NV	0	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	NV	10	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5230	NV	20	-32000.00	-6.118547	20	PASS
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11AC40SIS O	Ant1	5230	NV	-30	-32000.00	-6.118547	20	PASS
11AC40SIS O	Ant1	5230	NV	-20	-32000.00	-6.118547	20	PASS
11AC40SIS O	Ant1	5230	NV	-10	-32000.00	-6.118547	20	PASS
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11AC40SIS O	Ant1	5230	NV	20	-32000.00	-6.118547	20	PASS
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11AC40SIS O	Ant1	5230	NV	40	-32000.00	-6.118547	20	PASS
11AC40SIS	Ant1	5230	NV	50	-32000.00	-6.118547	20	PASS



O								
11AX40SIS O	Ant1	5230	NV	-30	-32000.00	-6.118547	20	PASS
11AX40SIS O	Ant1	5230	NV	-20	-32000.00	-6.118547	20	PASS
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11AX40SIS O	Ant1	5230	NV	50	-32000.00	-6.118547	20	PASS
11N40SISO	Ant1	5755	NV	-30	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5755	NV	-20	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5755	NV	-10	-35000.00	-6.081668	20	PASS
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11N40SISO	Ant1	5755	NV	10	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5755	NV	20	-35000.00	-6.081668	20	PASS
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11N40SISO	Ant1	5755	NV	40	-35000.00	-6.081668	20	PASS
11N40SISO	Ant1	5755	NV	50	-35000.00	-6.081668	20	PASS
11AC40SIS O	Ant1	5755	NV	-30	-35000.00	-6.081668	20	PASS
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11AC40SIS O	Ant1	5755	NV	20	-35000.00	-6.081668	20	PASS
11AC40SIS O	Ant1	5755	NV	30	-35000.00	-6.081668	20	PASS
11AC40SIS O	Ant1	5755	NV	40	-35000.00	-6.081668	20	PASS
11AC40SIS O	Ant1	5755	NV	50	-35000.00	-6.081668	20	PASS
11AX40SIS O	Ant1	5755	NV	-30	-35000.00	-6.081668	20	PASS
11AX40SIS O	Ant1	5755	NV	-20	-35000.00	-6.081668	20	PASS
11AX40SIS O	Ant1	5755	NV	-10	-35000.00	-6.081668	20	PASS
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11AX40SIS O	Ant1	5755	NV	10	-35000.00	-6.081668	20	PASS
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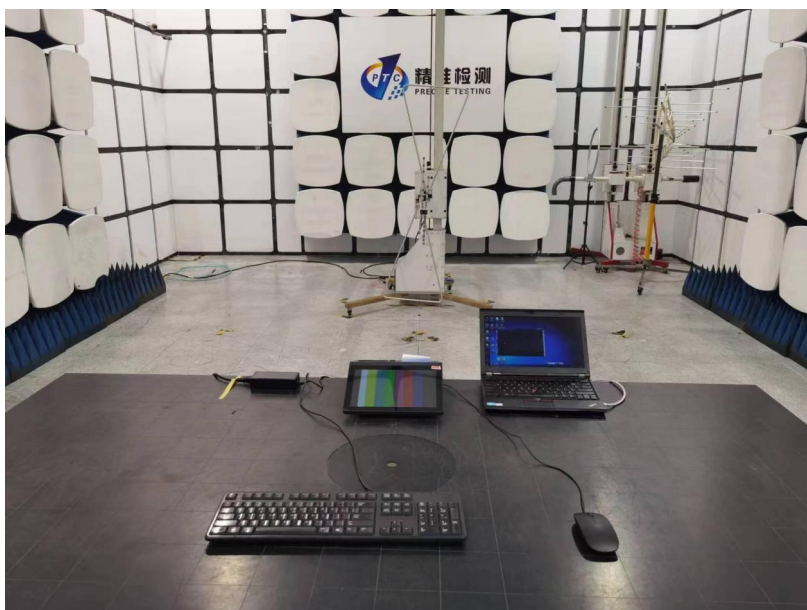
O								
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11N40SISO	Ant1	5795	NV	-30	-36000.00	-6.212252	20	PASS
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11N40SISO	Ant1	5795	NV	40	-36000.00	-6.212252	20	PASS
11N40SISO	Ant1	5795	NV	50	-36000.00	-6.212252	20	PASS
11AC40SIS O	Ant1	5795	NV	-30	-36000.00	-6.212252	20	PASS
11AC40SIS O	Ant1	5795	NV	-20	-36000.00	-6.212252	20	PASS
11AC40SIS O	Ant1	5795	NV	-10	-36000.00	-6.212252	20	PASS
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11AC40SIS O	Ant1	5795	NV	20	-36000.00	-6.212252	20	PASS
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11AC40SIS O	Ant1	5795	NV	40	-36000.00	-6.212252	20	PASS
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11AX40SIS O	Ant1	5795	NV	-30	-36000.00	-6.212252	20	PASS
11AX40SIS O	Ant1	5795	NV	-20	-36000.00	-6.212252	20	PASS
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11AX40SIS O	Ant1	5795	NV	40	-36000.00	-6.212252	20	PASS
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11 Test Setup

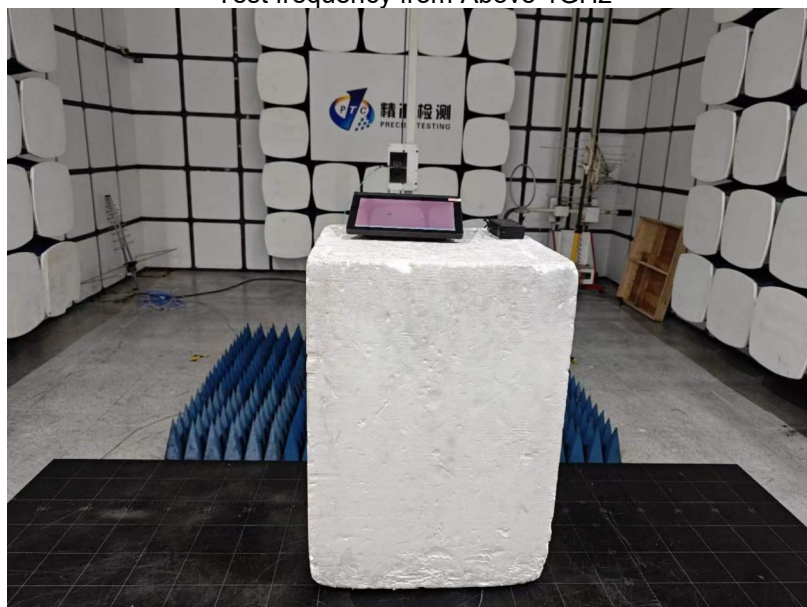
Conducted Emissions



Radiated Spurious Emissions From 30MHz-1000MHz



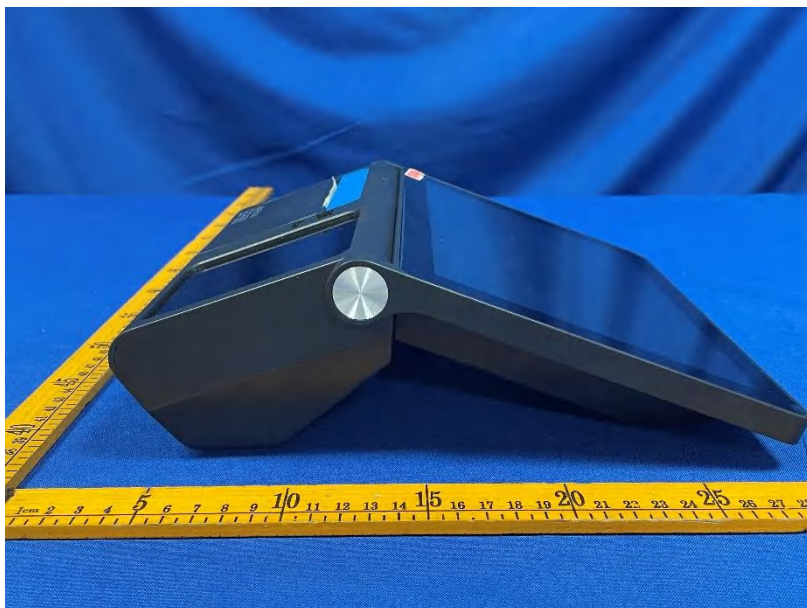
Test frequency from Above 1GHz



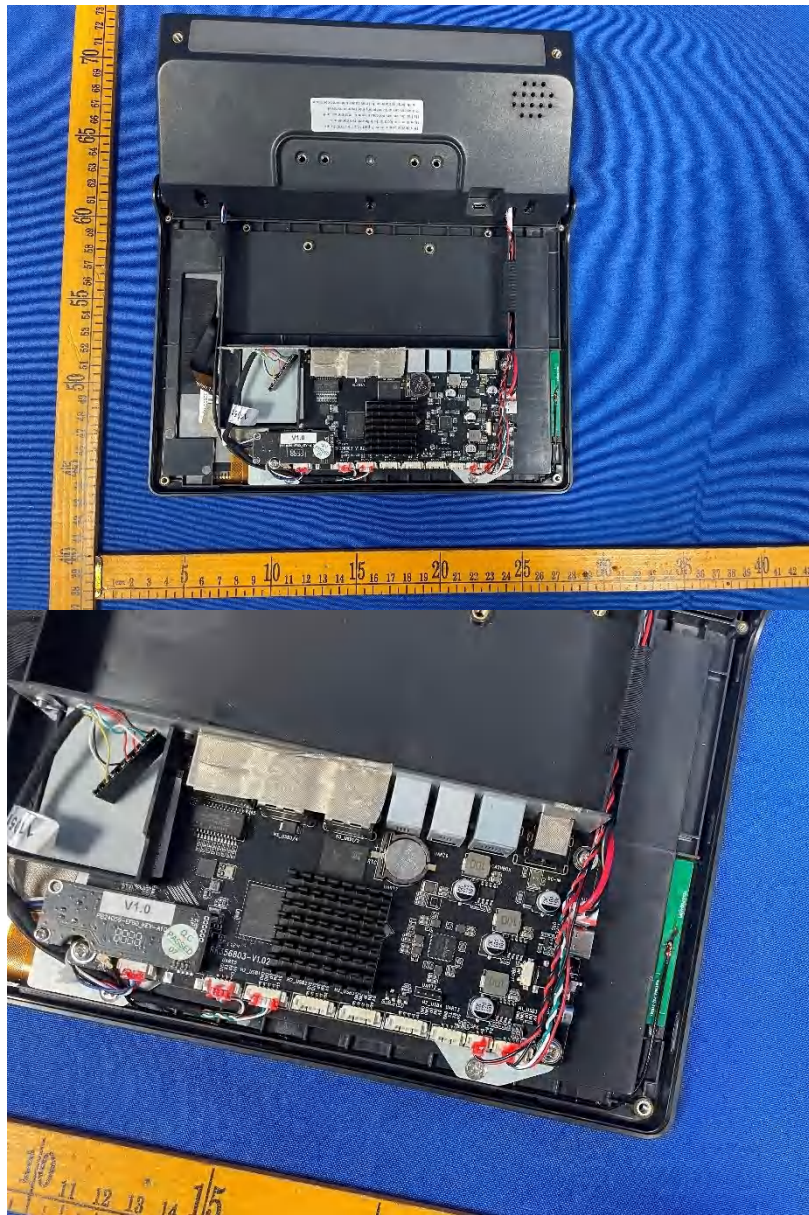
12 EUT PHOTOS

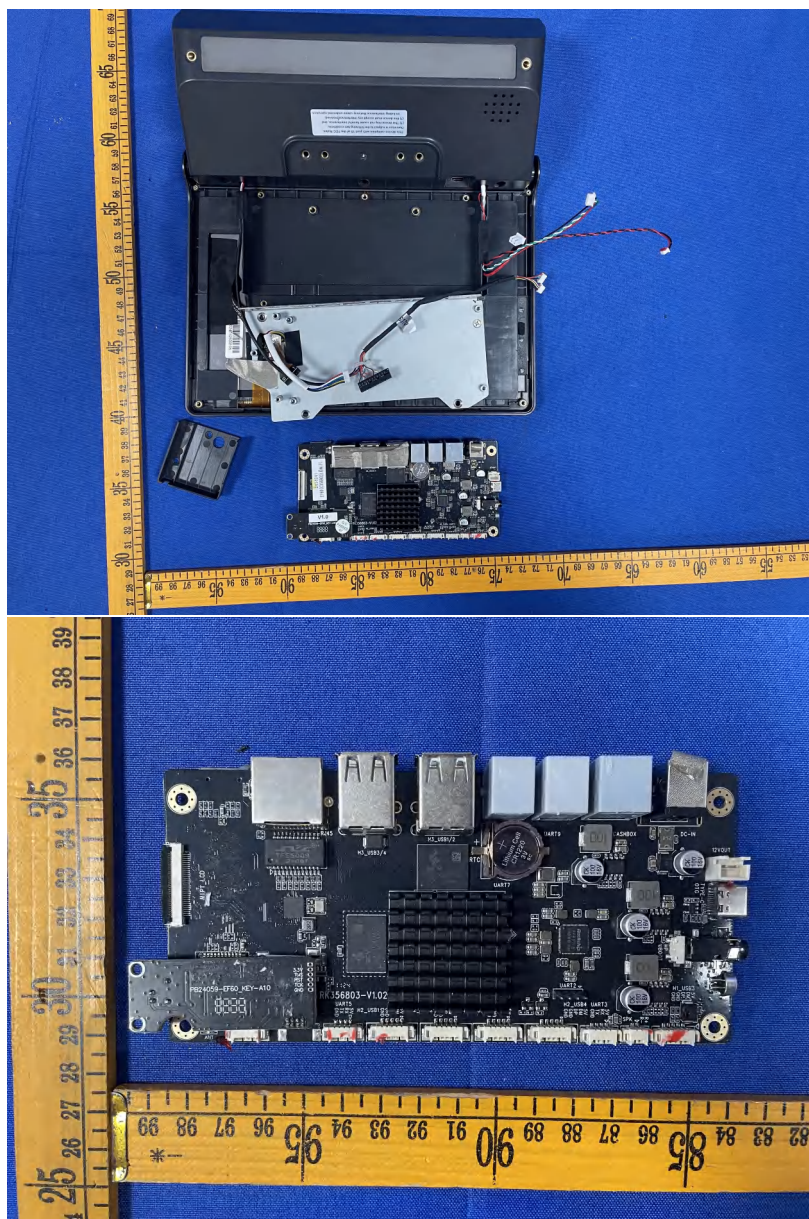


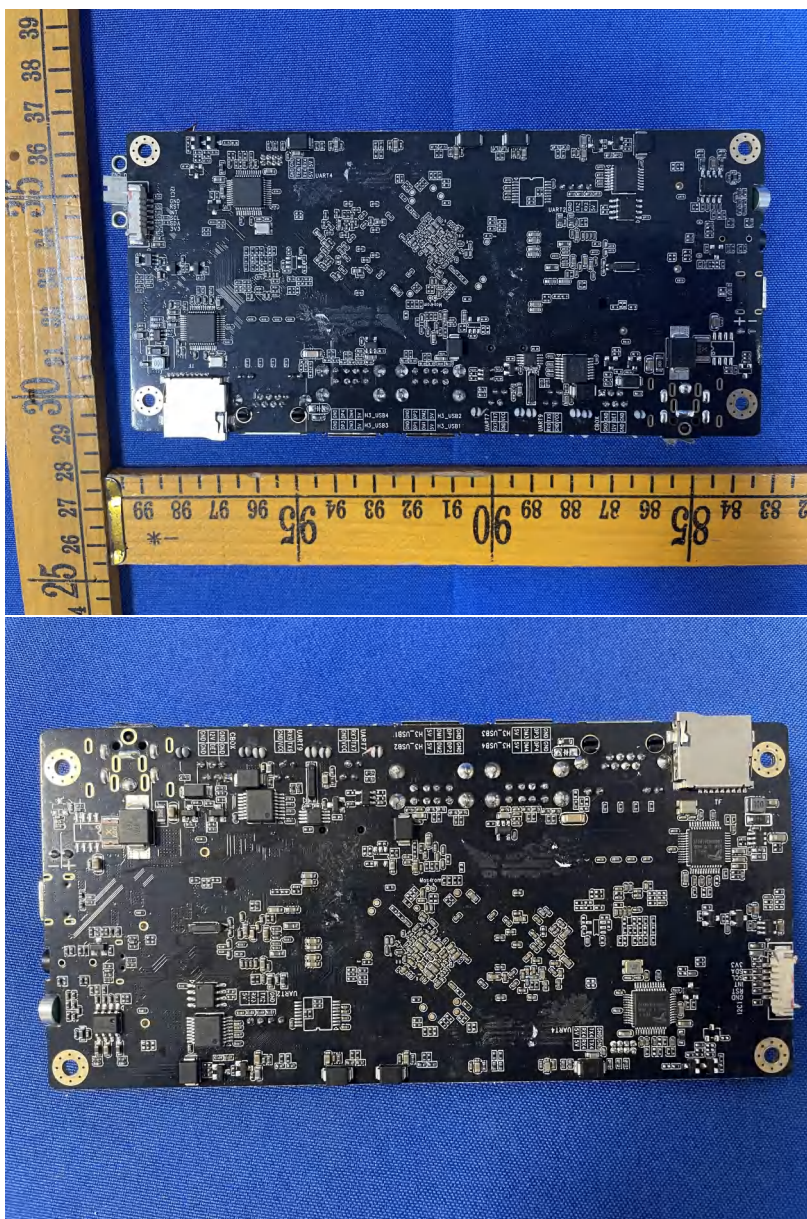


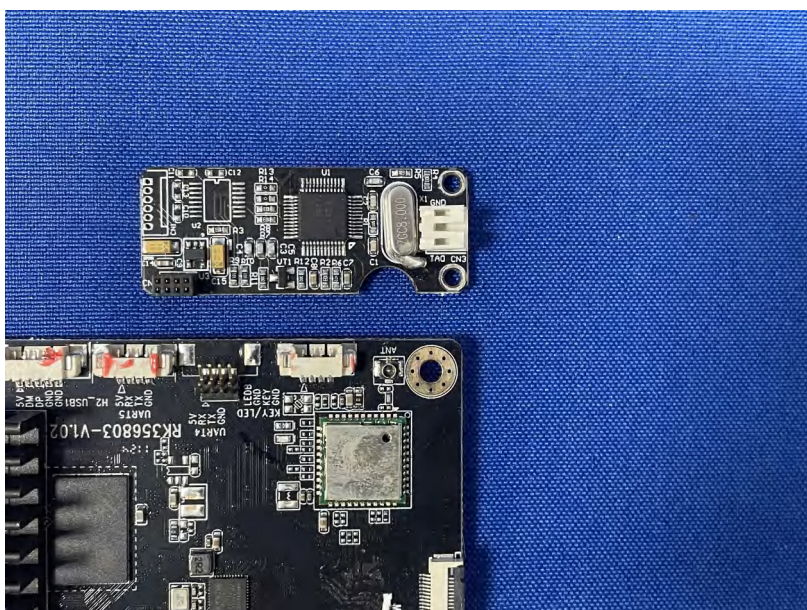
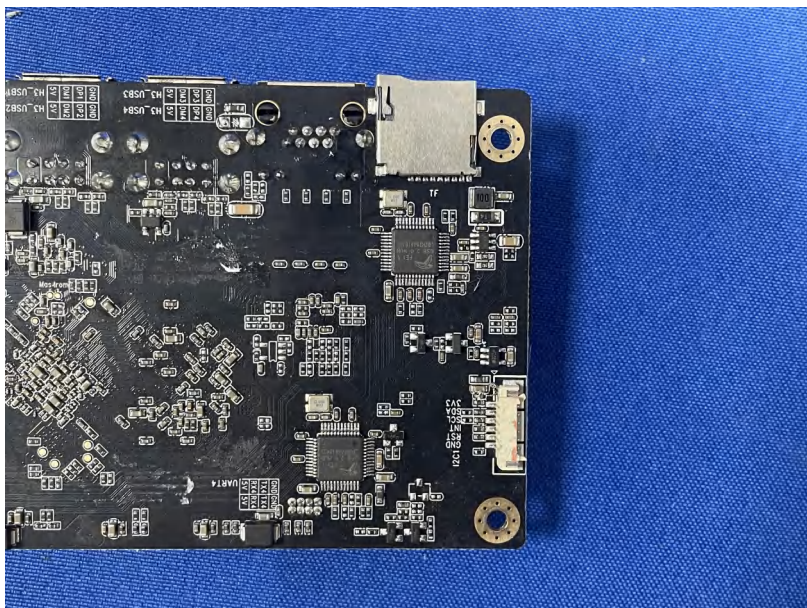


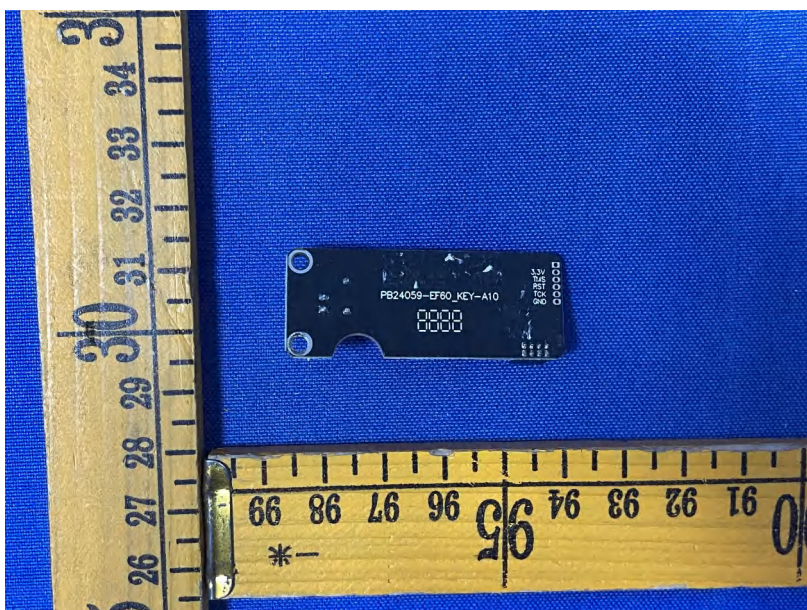
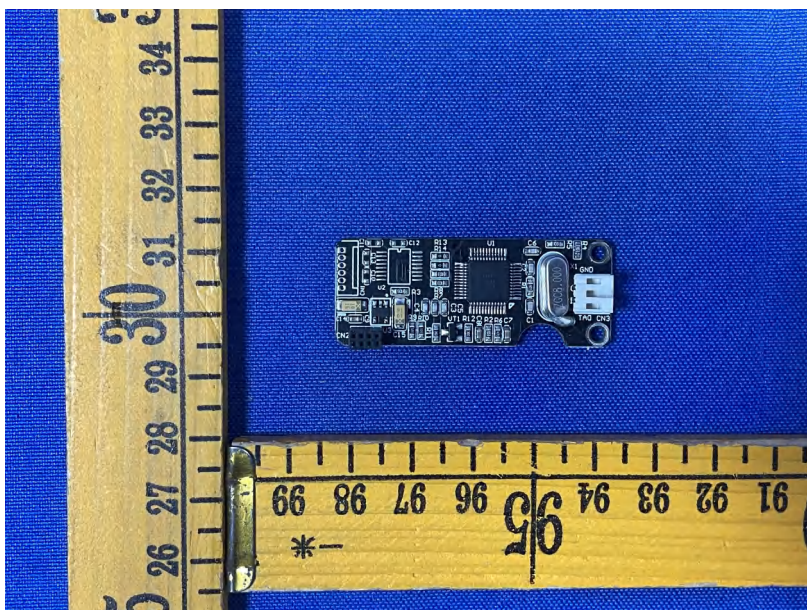


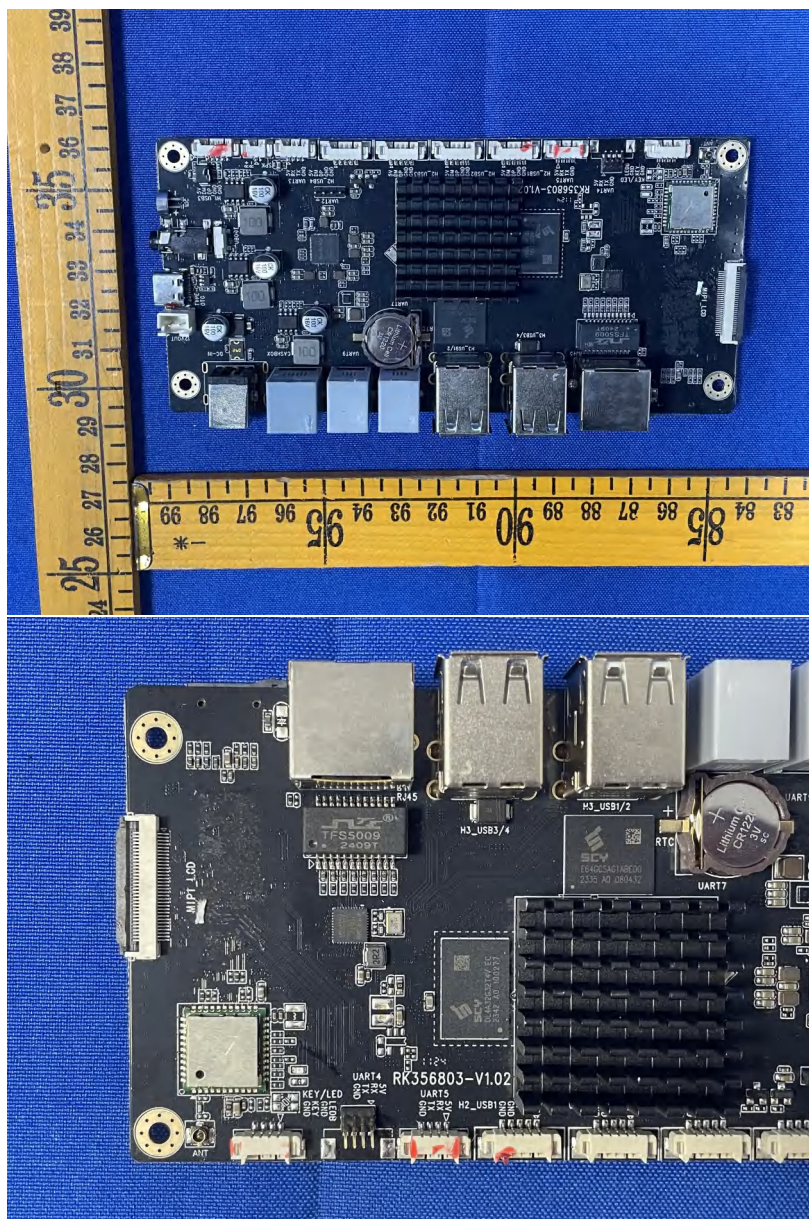


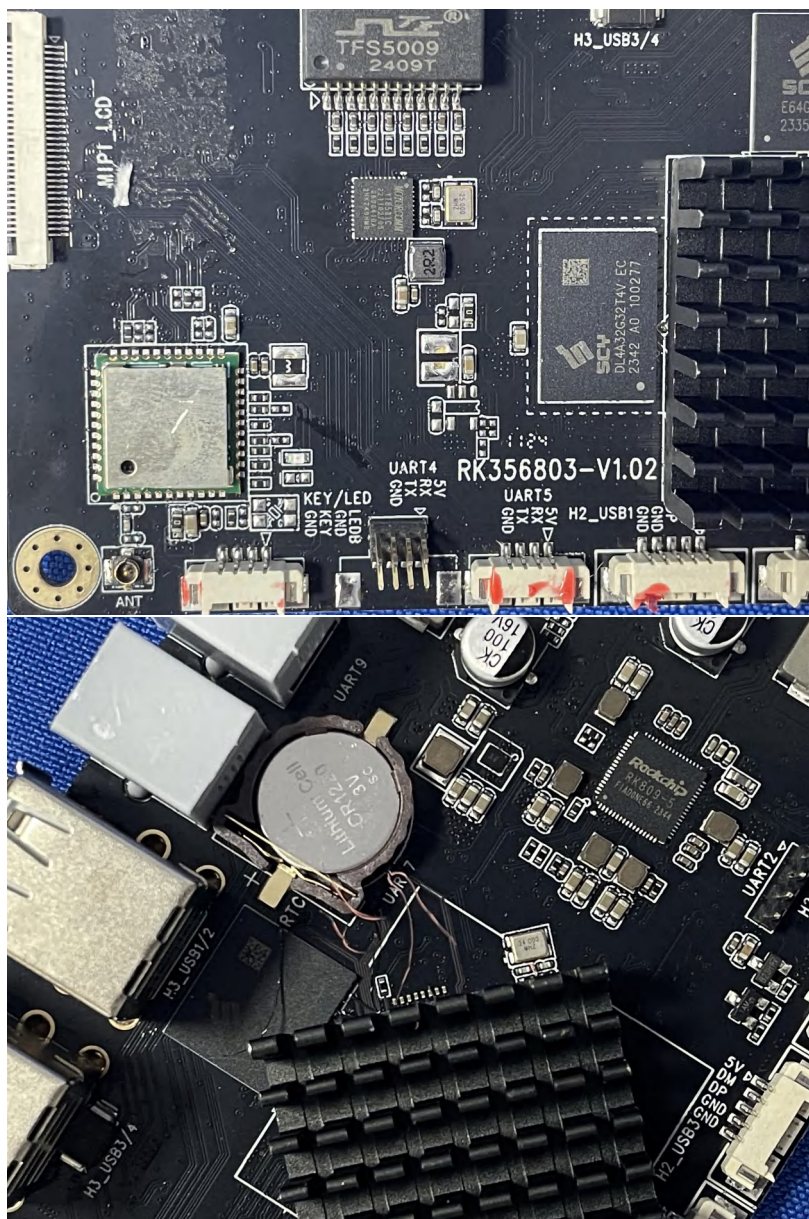


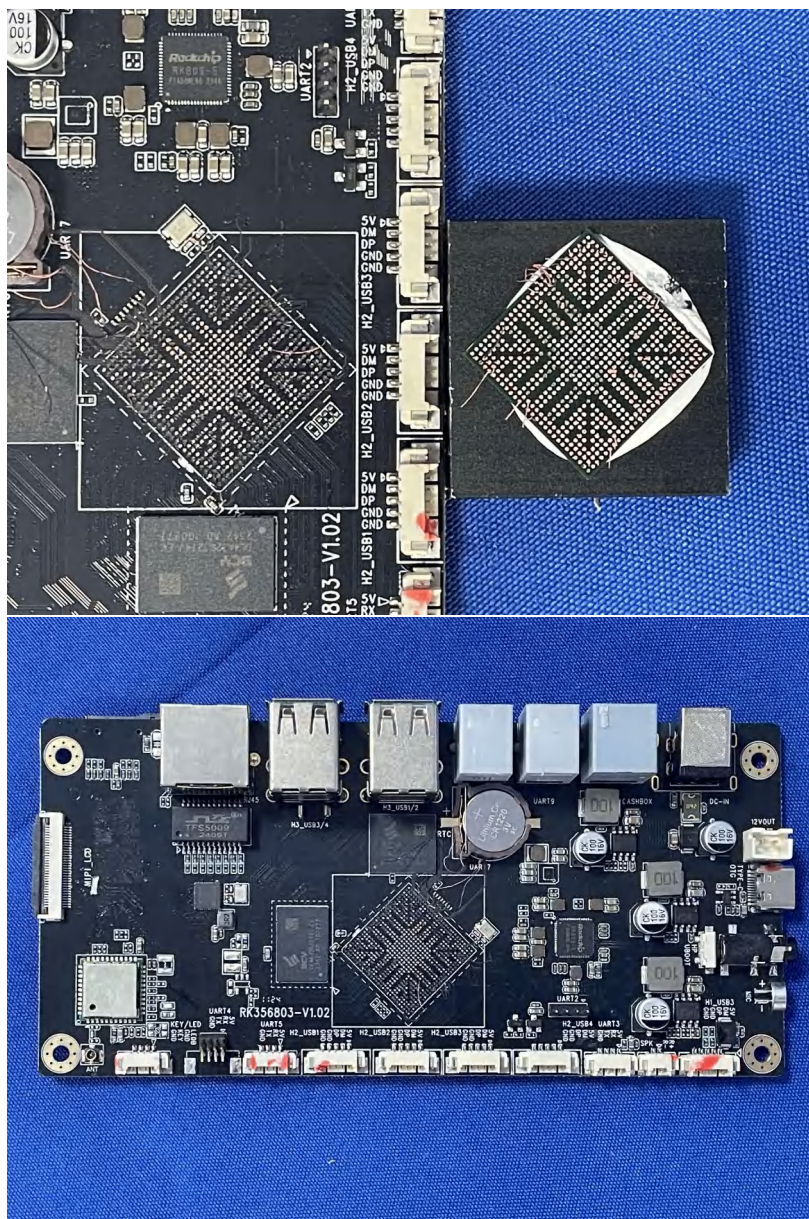


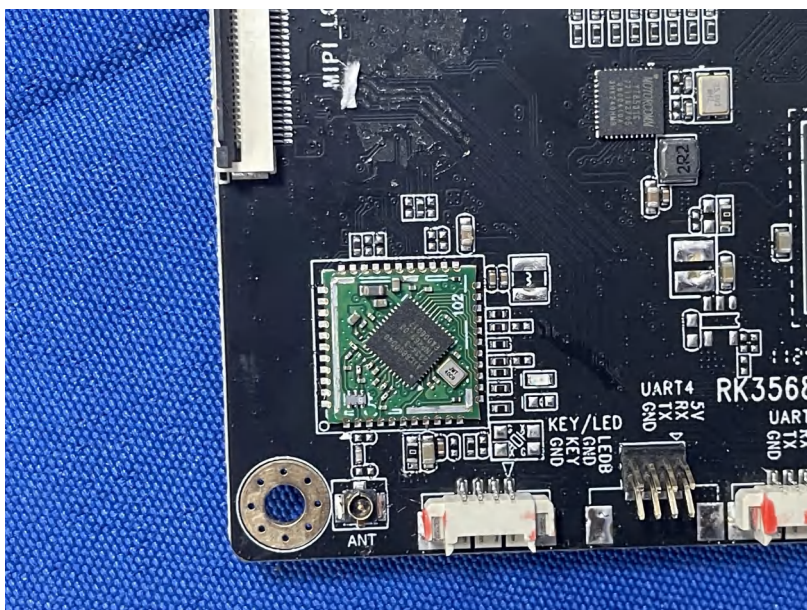












*******THE END REPORT*******