
TIANLUTONG Antenna Test Report

Project: 1106C

Testing Date: 2025-3-14

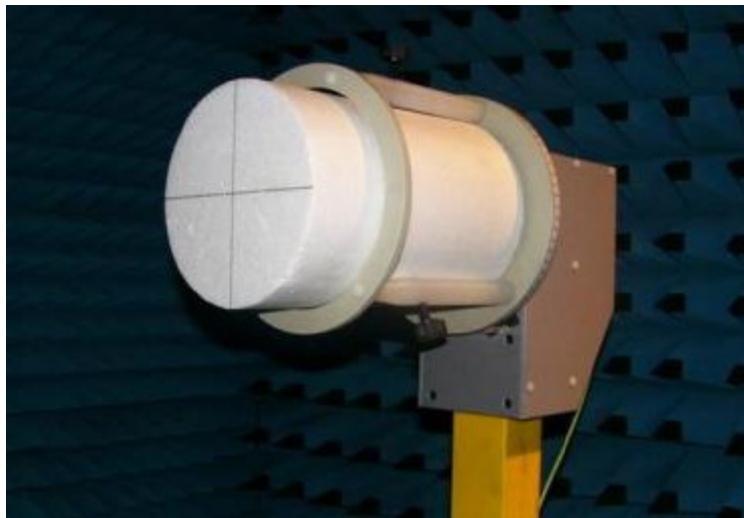
Shenzhen TIANLUTONG Technology Co., Ltd.
Room 301, 3rd Floor, Building 2, No. 503, Jihua Road, Bantian Community, Bantian Subdistrict, Longgang District,
Shenzhen City

1.The Equipment of Active Test

ETS Chamber $7 \times 4 \times 3$ (m)

8960

Network analyzer-R&S ZVL



2. Wi-Fi photo and test data

Wi-Fi Field test: Test environment: open environment, close to our router 15 rice, use 360 Wi-Fi.

2.4G- Wi-Fi Display -46 dBm, full signal



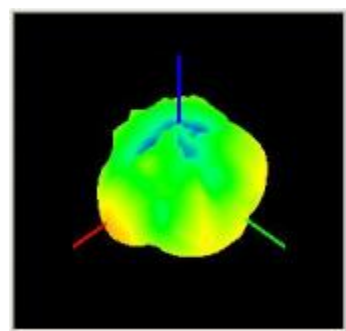
5.0G- Wi-Fi Display -44 dBm, full signal



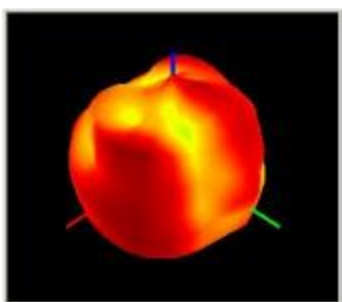
Gain

Transmitter Frequency	GSM 850/WCDMA B5: 814 – 849 MHz
	PCS 1900/WCDMA B2/LTE B 2:1850-1910 MHz
	LTE B4: 1710 – 1785 MHz
	LTE B7: 2500-2570 MHz
	BT&BLE: 2402-2480 MHz
	2.4G Wi-Fi: 2412-2472 MHz
	5G Wi-Fi: 5150-5250 MHz
Receiver Frequency	GSM 850/WCDMA B5: 859 – 894 MHz
	PCS 1900/WCDMA B2/LTE B2:1930-1990 MHz
	LTE B4: 2110-2155 MHz
	LTE B7:2620-2690 MHz
	BT&BLE: 2402-2480 MHz
	2.4G Wi-Fi: 2412-2472 MHz
	5G Wi-Fi: 5150-5250 MHz
Antenna Gain	GSM 850/WCDMA B5: -12.09 dBi
	PCS 1900/WCDMA B2/LTE B2: -8.08 dBi
	LTE B4: -10.75 dBi
	LTE B7: -11.09 dBi
	BT&BLE: -4.7 dBi
	2.4G Wi-Fi: -4.7 dBi
	5G Wi-Fi: -4.37 dBi

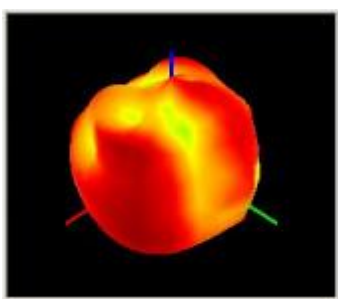
GSM 850/WCDMA B5



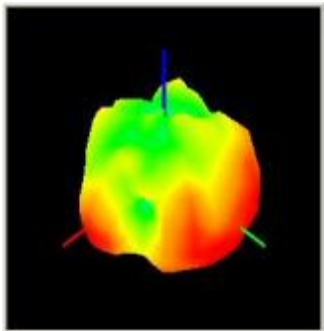
PCS 1900/WCDMA B2/LTE B2



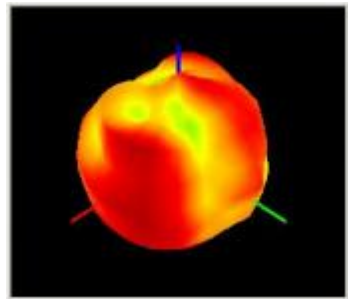
LTE B4



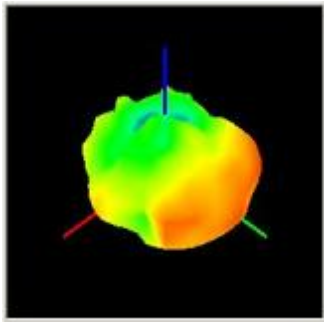
LTE B7



BT&BLE&2.4G Wi-Fi

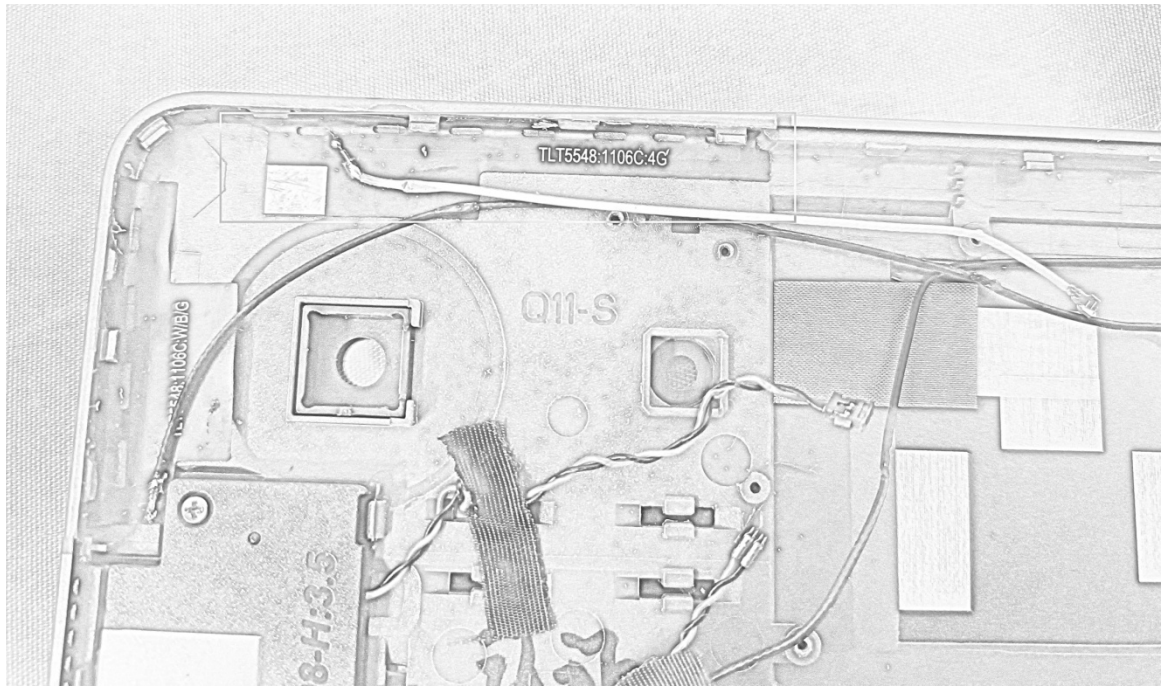


5G Wi-Fi

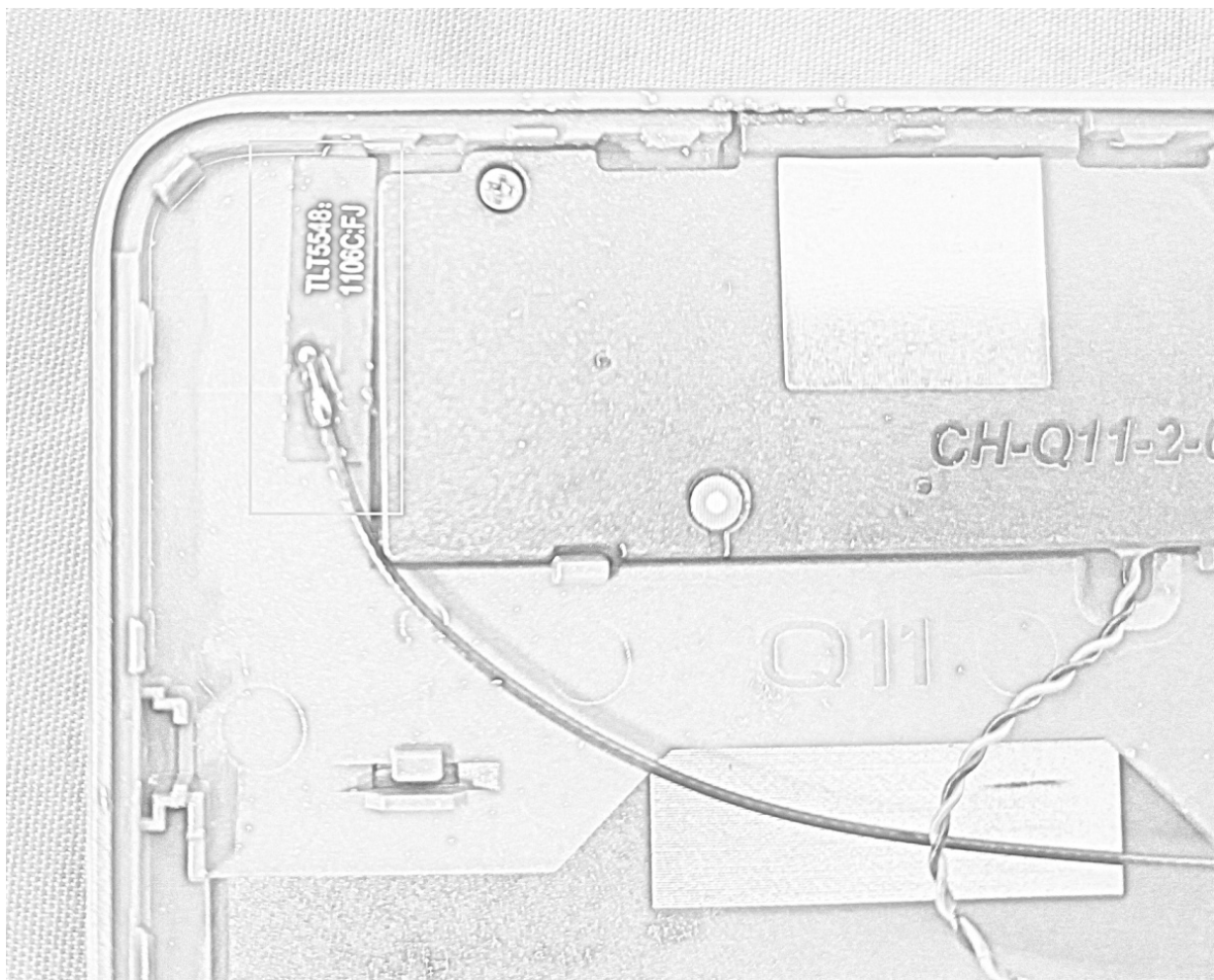


Picture

Main ANT



DIV ANT



BT&BLE&Wi-Fi ANT

