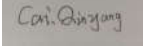

Antenna Gain Report

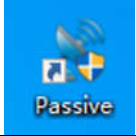
Company: T2 Moblie (shanghai) Limited

Model name: FP6

Issue date: 2025/05/30

Documented by: __qinyang.cai 

Antenna Summary Table

Check items	Information
Provided by lab	TCL internal lab
Manufacturer/ Brand name	T2 Moblie (shanghai) Limited
Model name (Part number)	BQA6CT0A15C0
Test environment	TCL Ningbo RD team with ETS Chamber
Test Software	
List of calibrated test equipment	<ol style="list-style-type: none"> E5071B – SN:MY42402716 Last Calibration date: 2024/08/01 Next Calibration date: 2025/08/01 Anechoic chamber- SN:60533 Last Calibration date: 2024/09/03 Next Calibration date: 2025/09/03
Antenna detail info.´	<p>Show WLAN/BT/ NFC only, no WWAN</p> <p>ANT7: WiFi2.4G antenna (2.4~2.5GHz), IFA type</p> <p>ANT9: WiFi 5G / 6E antenna (5.15~7.125GHz), IFA type</p> <p>ANT10: BT/WiFi 2.4G / 5G / 6E antenna (2.4~2.5GHz, 5.15~7.125GHz), IFA type</p> <p>NFC Antenna: Differential port to excite FPC coil + Ferrite sheet with dimension 40.7 mm *29.15mm * 0.23mm, Loop type</p>
Antenna gain test data	Included antenna frequency, gain pattern

Note: Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document.

Antenna Test data:

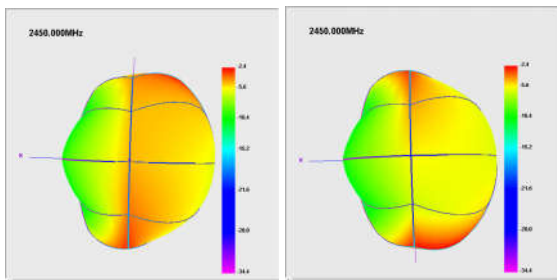
ANT7

Antenna type: IFA

Peak Gain (dBi)			
2400~2483.5MHz	-2.1		

(Rear view– Front view)

WIFI 2.4G (2450 MHz)



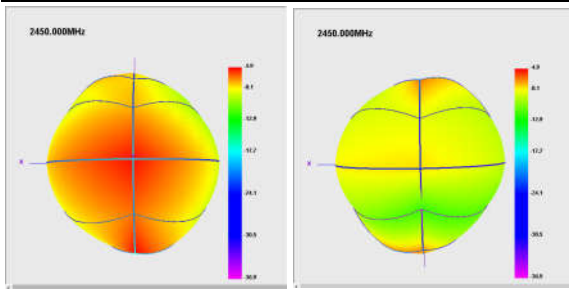
ANT10

Antenna type: IFA

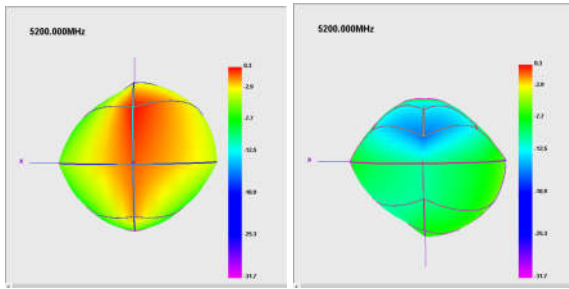
Peak Gain (dBi)			
2400~2483.5MHz	-3.8	5850~5925MHz	0.2
5150~5250MHz	0.5	5925~6425MHz	1
5250~5350MHz	1.1	6425~6525MHz	-1.8
5470~5725MHz	0.3	6525~6875MHz	0.6
5725~5850MHz	0.2	6875~7125MHz	0.8

(Rear view– Front view)

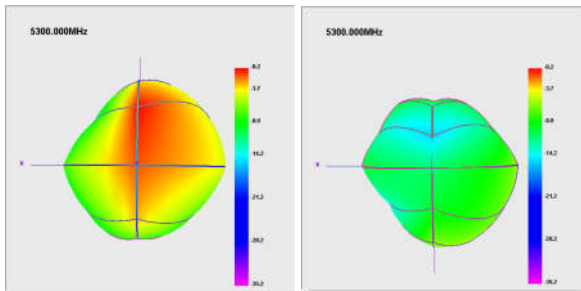
WIFI 2.4G (2450 MHz)



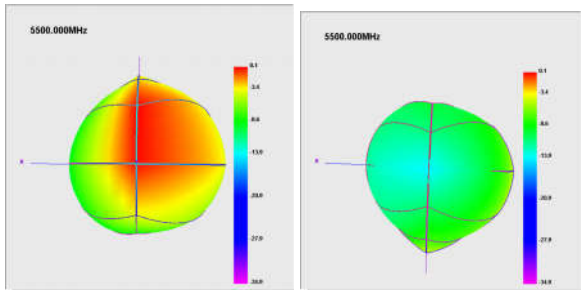
WIFI 5G (5200 MHz)



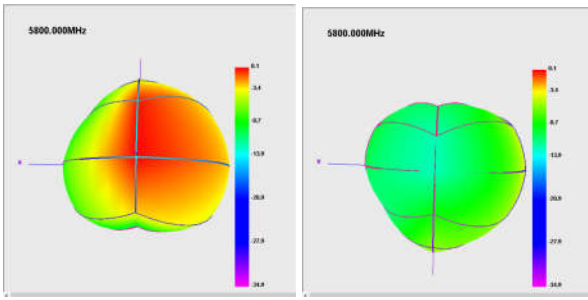
WIFI 5G (5300 MHz)



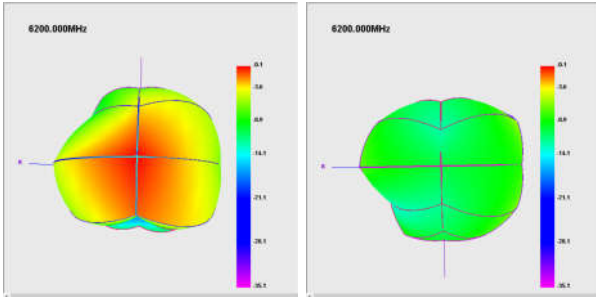
WIFI 5G (5500 MHz)



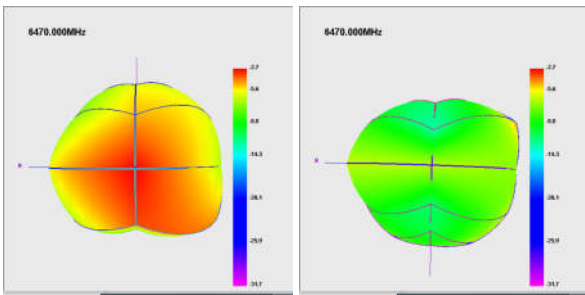
WIFI 5G (5800 MHz)



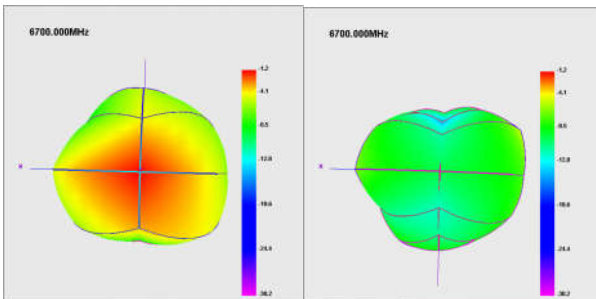
WIFI 6E (6200 MHz)



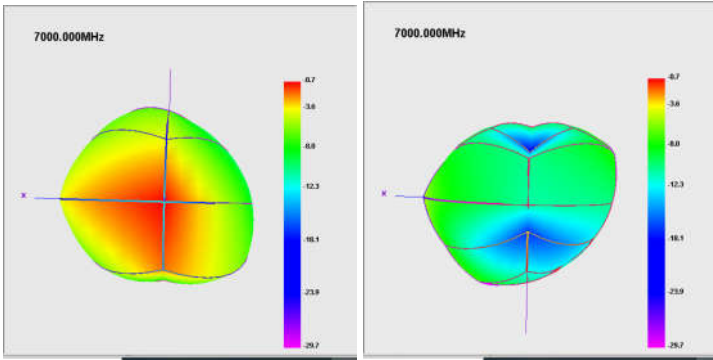
WIFI 6E (6470 MHz)



WIFI 6E (6700 MHz)



WIFI 6E (7000 MHz)



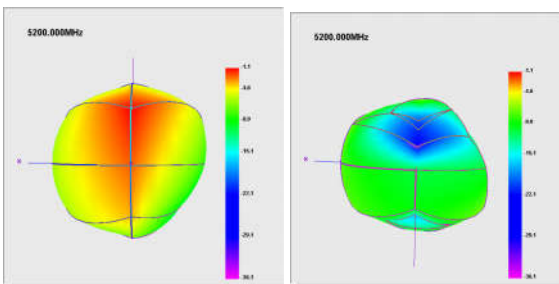
ANT9

Antenna type: IFA

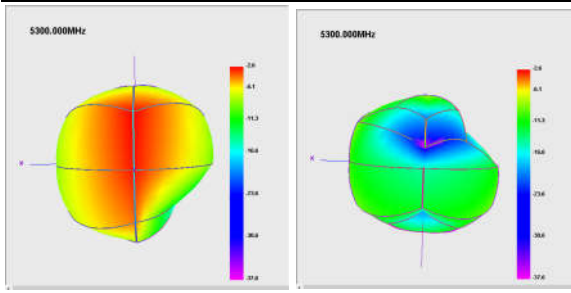
Peak Gain (dBi)			
		5850~5925MHz	0.8
5150~5250MHz	-0.5	5925~6425MHz	1.4
5250~5350MHz	-0.6	6425~6525MHz	0.9
5470~5725MHz	1	6525~6875MHz	0.9
5725~5850MHz	1.1	6875~7125MHz	0.4

(Rear view– Front view)

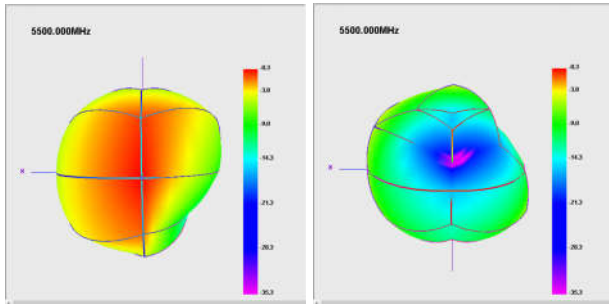
WIFI 5G (5200 MHz)



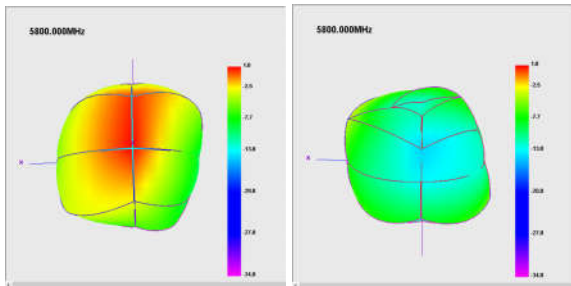
WIFI 5G (5300 MHz)



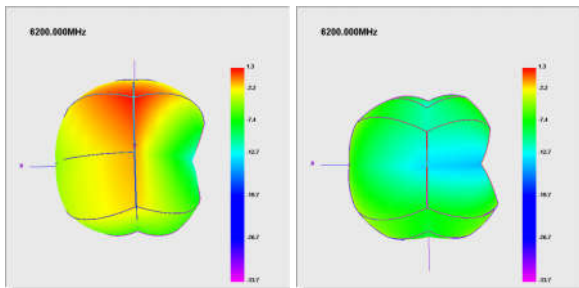
WIFI 5G (5500 MHz)



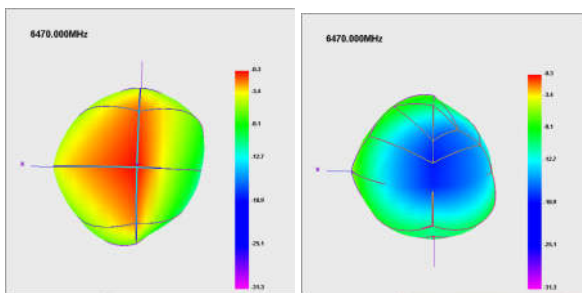
WIFI 5G (5800 MHz)



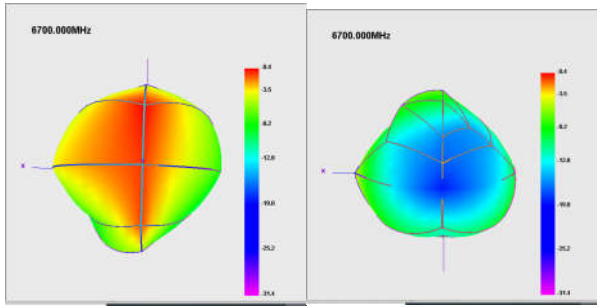
WIFI 6E (6200 MHz)



WIFI 6E (6470 MHz)



WIFI 6E (6700 MHz)



WIFI 6E (7000 MHz)

