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# Antenna Reports

**Antenna vendor:**

Huizhou Speed Wireless technology Co.Ltd./

KUN SHAN Innowave Communication TechnologyCo.Ltd.

**Test lab:** GTS 2800

**Test Instrument:** E5071C/CMW500

**Test Environment:** Temperature 26°C Humidity 45%

**Antenna model name:** TC637\_WIFI\_CORE 0

**Antenna type:** FPC

**Antenna model name:** TC637\_WIFI\_CORE 1

**Antenna type:**FPC

**Issue date:** 2024-4-28

**Antenna model name:** TC637\_NFC

**Antenna type:**FPC

**Antenna Size:**44.8mm\*31.8mm\*0.25mm

**Issue date:** 2024-4-28

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**Peak Gain**

<b>BT/WLAN core 0 Peak Gain (dBi)</b>			
<b>2400~2483.5MHz</b>	<b>-3</b>	<b>5470~5725MHz</b>	<b>-2</b>
<b>5150~5250MHz</b>	<b>-2</b>	<b>5725~5850MHz</b>	<b>-2</b>
<b>5250~5350MHz</b>	<b>-2</b>		
<b>WLAN core 1 Peak Gain (dBi)</b>			
<b>2400~2483.5MHz</b>	<b>-3</b>	<b>5470~5725MHz</b>	<b>-1.5</b>
<b>5150~5250MHz</b>	<b>-1.5</b>	<b>5725~5850MHz</b>	<b>-1.5</b>
<b>5250~5350MHz</b>	<b>-1.5</b>		

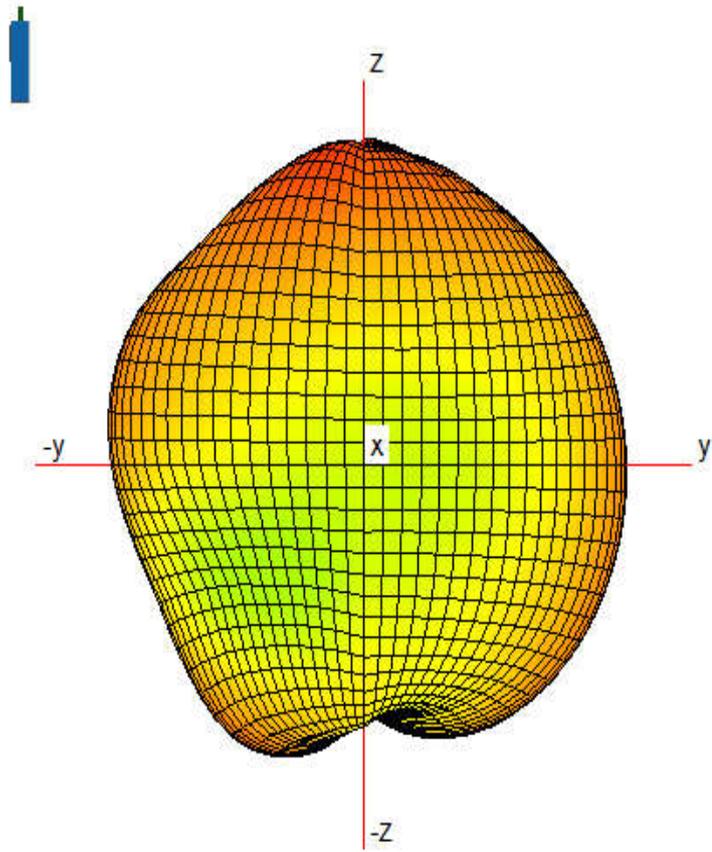
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**Test Environment: GTS2800**

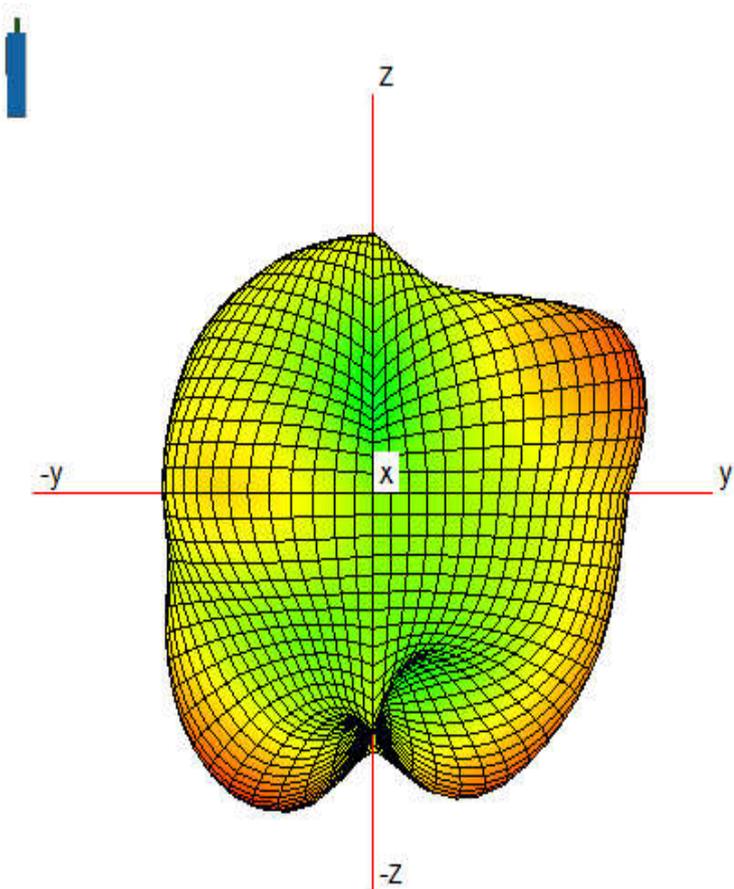
GTS2800 Calibration date	2024-7-12
GTS2800 due date	2025-7-11
E5071C Calibration date	2024-7-12
E5071C due date	2025-7-11
GTS2800 soft	GTS Labra
Test Engineer	Shengjin Huang

# Directional Pattern

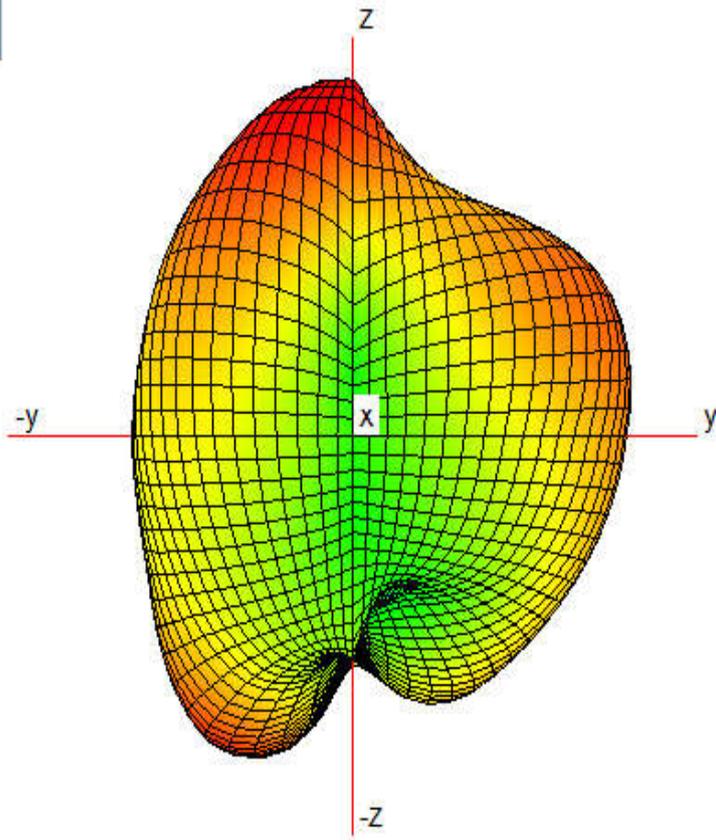
WiFi 2.4G core 0



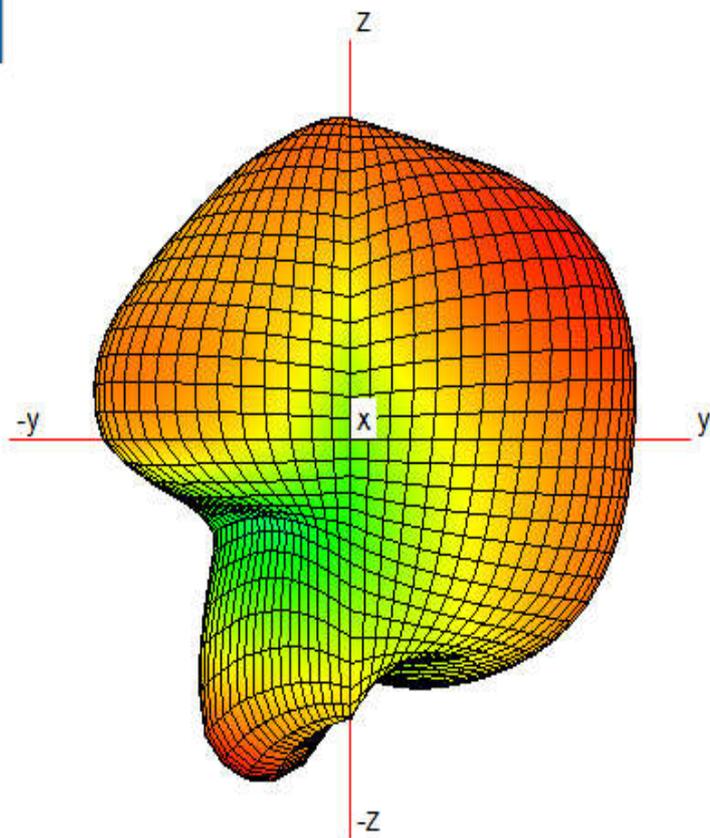
WiFi 5180MHZ core 0



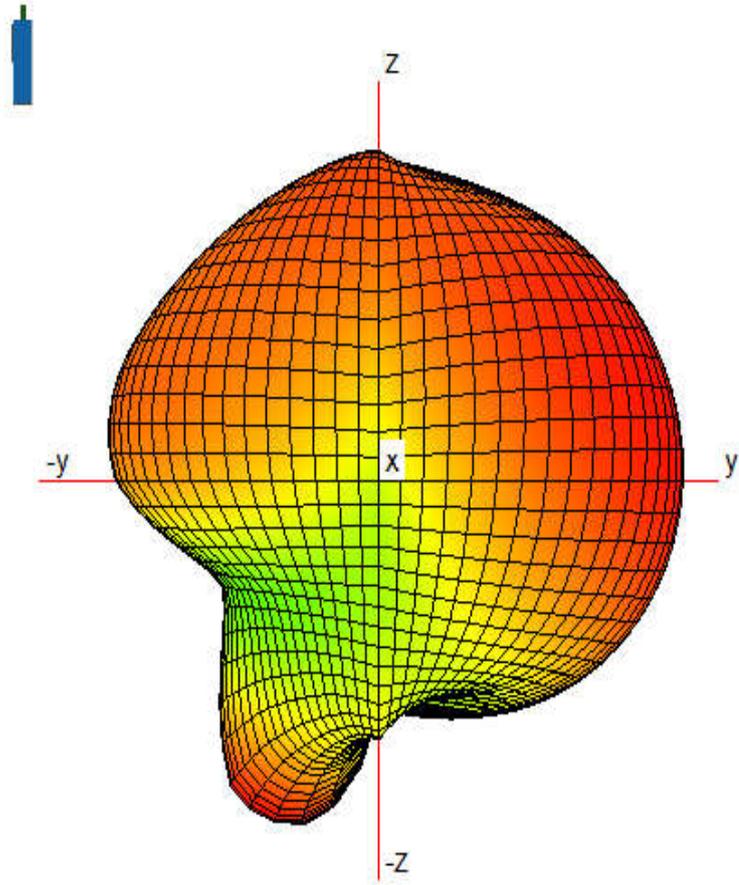
WIFI 5320MHZ core 0



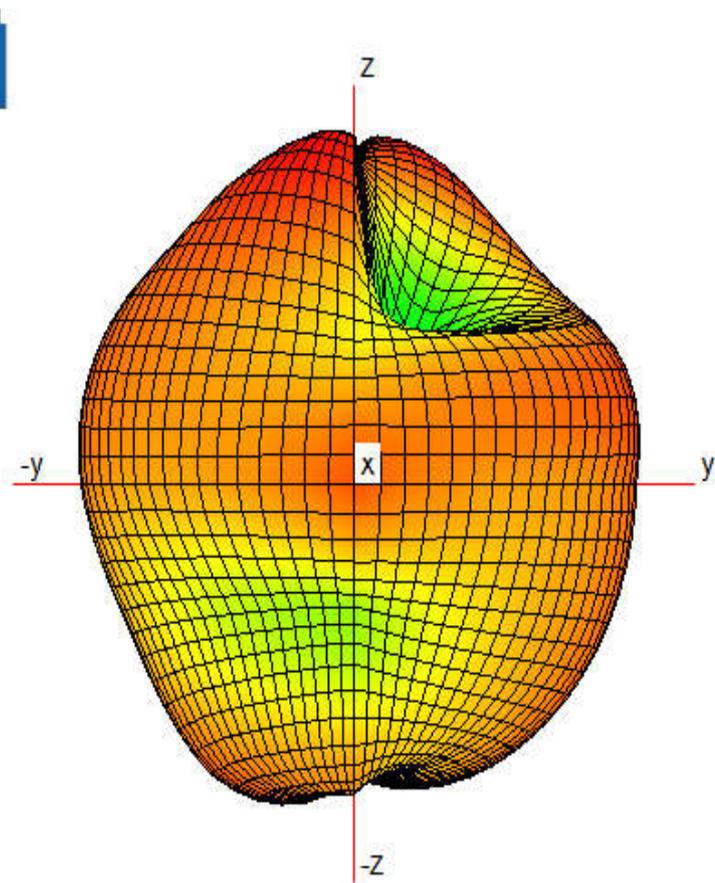
WIFI 5510MHZ core 0



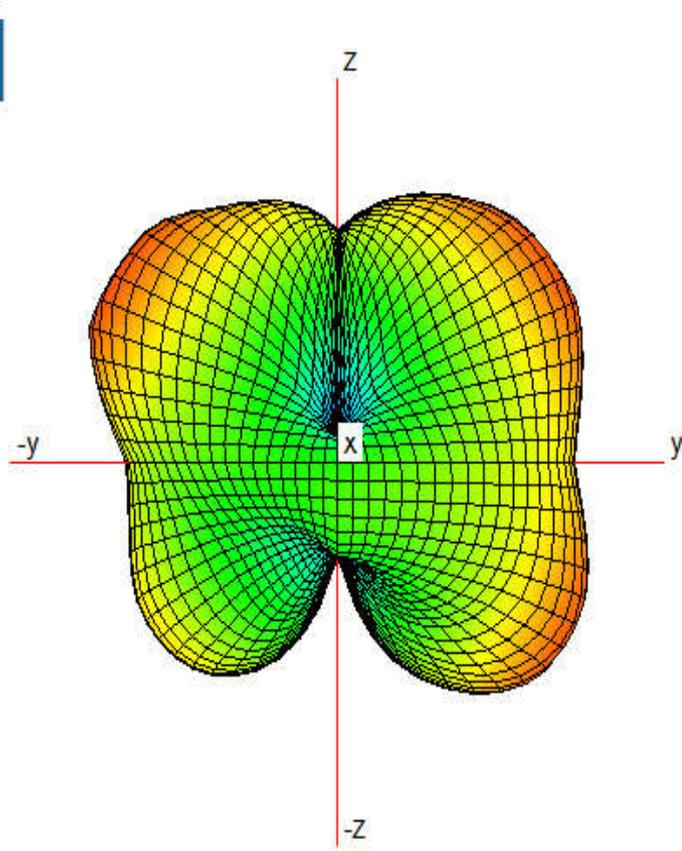
WIFI 5825MHZ core 0



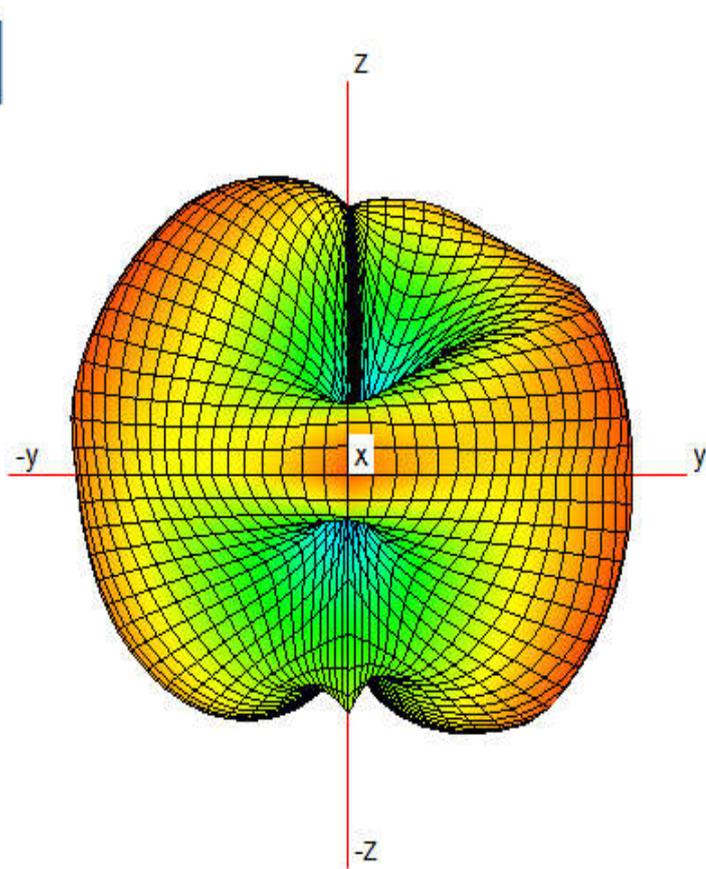
WiFi 2.4G core 1



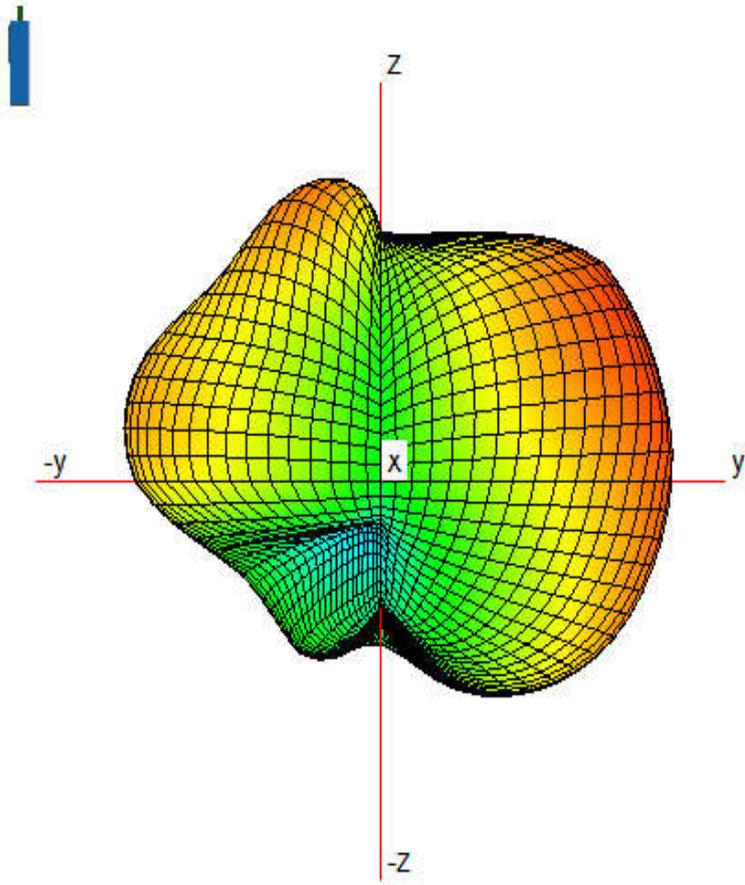
WIFI 5180MHz core 1



WIFI 5320MHZ core 0



WIFI 5510MHZ core 0



WIFI 5825MHZ core 0

