



ShenZhen Huaxinwei communication technology
Co.,Ltd.

203, Skyworth Innovation Valley Building 5C, Tangtou Road 1,
Shiyan Street, Bao 'an District, Shenzhen

Antenna test report

Customer Name: Tian Rui Xiang

Project Name: S6509-63B

Designer: Li jun xian

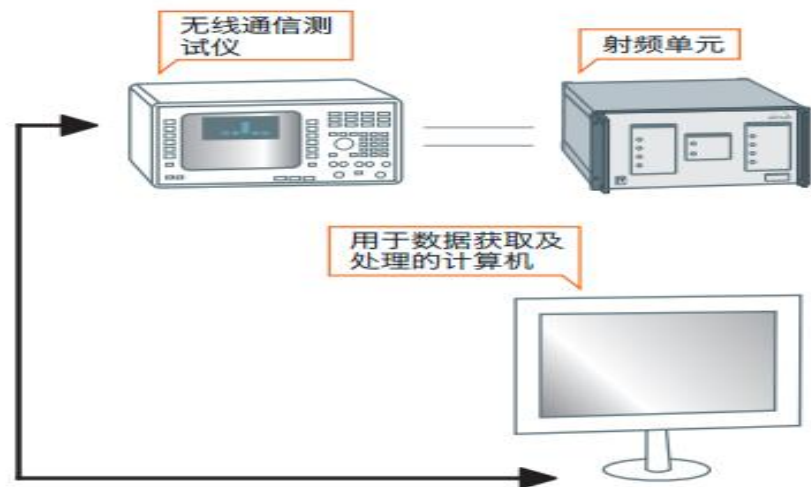
Date: 2023/1/04

A large, thick, red arc that curves across the bottom of the page, starting from the left edge and ending at the right edge, with a slight shadow effect.

The customer name		Tian Rui Xiang	Project Name	S6509-63B
NO.	project	Detailed above		
1	spectrum	GSM850/900/1800/1900/+WCDMA-B1/B2/B4/B5/B8/+LTE-B2/B3/B4/B5/B7/12/17/28/66+WIFI/BT		
2	Project type	The mobile phone		
3	Antenna space area			
4	Feed point type			
5	The sensitivity			
6	Type of antenna			
7	The length of the PCB board			
8	note	Debugging prototype		
RF		Li jun xian	18520807601	hxw_ljx@sz-hxw.cn

1、Test system and test equipment

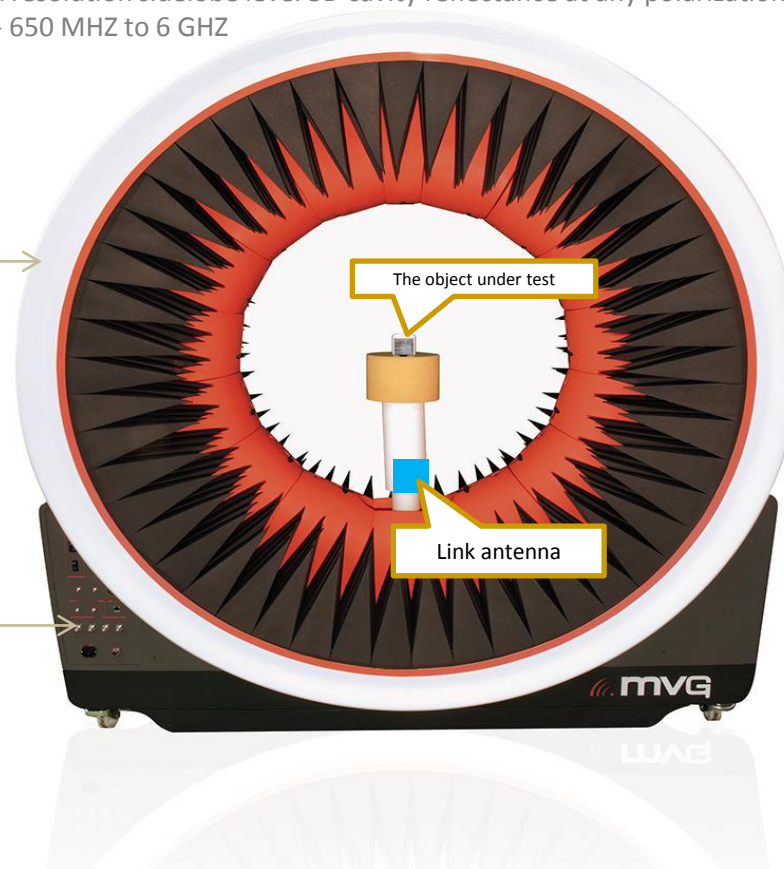
System Brand: MVG(SATIMO) measurement features: gain • pattern beamwidth cross polarization resolution sidelobe level 3D cavity reflectance at any polarization cavity reflectance (line or arc) antenna efficiency TRP, TIS, EIRP and EIS. Frequency band: StarLab 6 GHZ - 650 MHZ to 6 GHZ



TIS预计测量时间 (一个信道每隔30° 取样)

灵敏度算法 \ 标准	GSM GPRS EDGE	CDMA 1 x RTT 1 x EvDO	WCDMA HSDPA LTE FDD/TDD	Wi-Fi 802.11 a/b/g/n	CTIA 批准方法
RSSI模式+线性化+TIS补偿	8 min		10 min		是
EIS模式+TIS补偿		5 min		5 min	是 ²
快速CDMA		8 min			No
EIRP模式+TIS补偿				10 min	No

1、根据RTC
2、根据协议

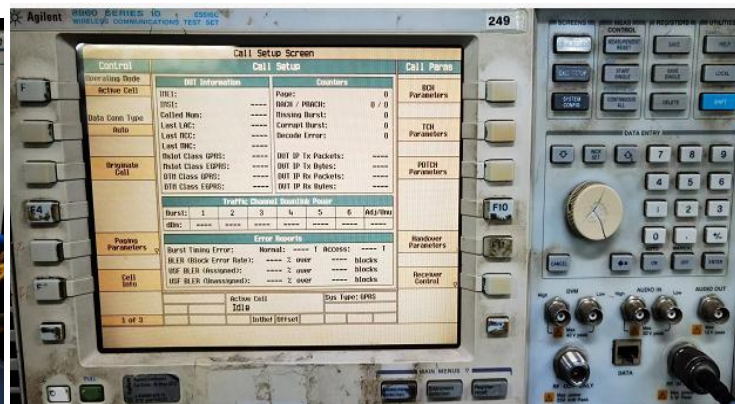


TIS 3D方位切割强度图



TRP 3D方位切割强度图

Test Equipment



Antenna position

2G: GSM850/GSM900
3G: WCDMA850/WCDMA900
4G: LTE-B5/12/17/28AB

main antenna



2G: DCS1800/PCS1900
3G: W2100/W1900/W1700
4G: LTE-B2/3/4/7/66

diversity antenna

GPS/WIFI/BT antenna

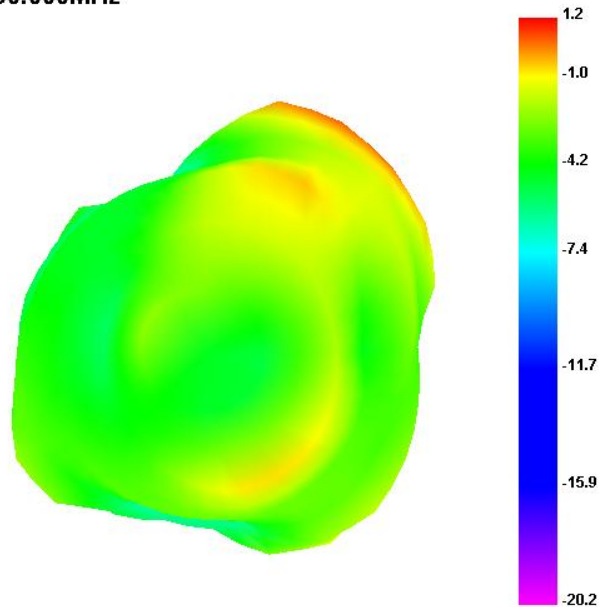


Efficient

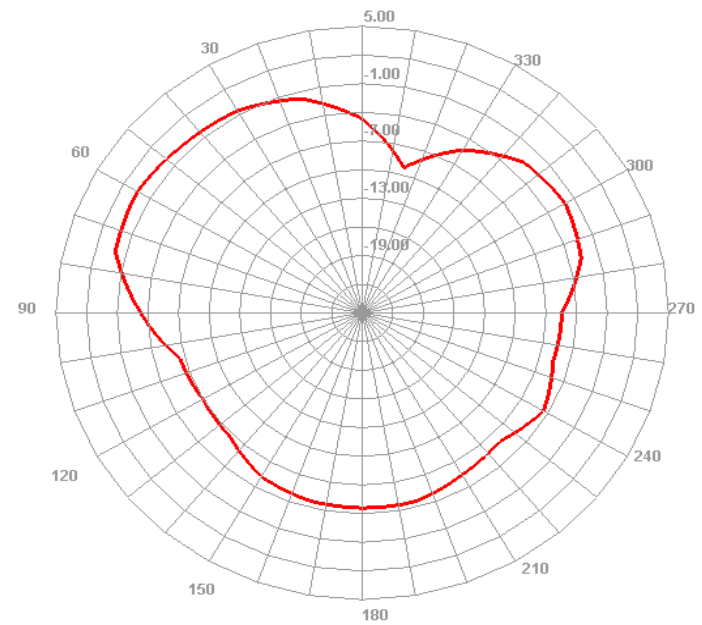
[illegible]

Efficient (2.4GWIFI/BT) Unit dBi

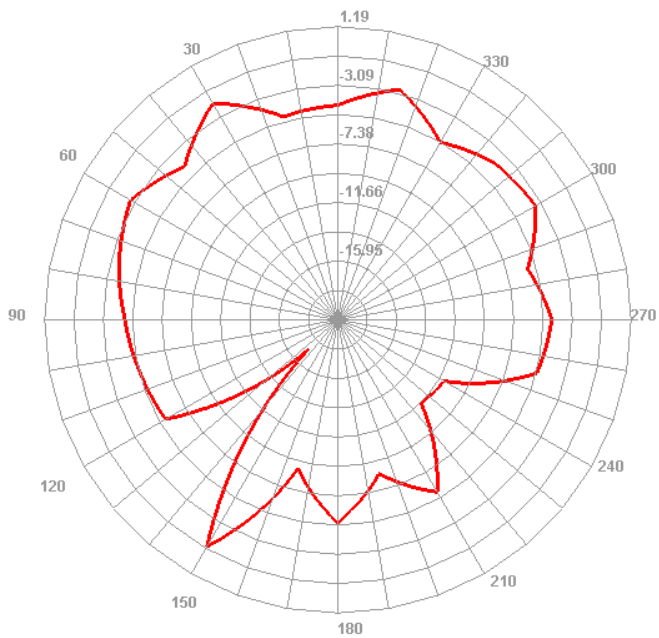
2460.000MHz



2460.000MHz H



2460.000MHz E1



2460.000MHz E2

