



ShenZhen Huaxinwei communication technology  
Co.,Ltd.

## Antenna test report

Designer: Jin Kaikai

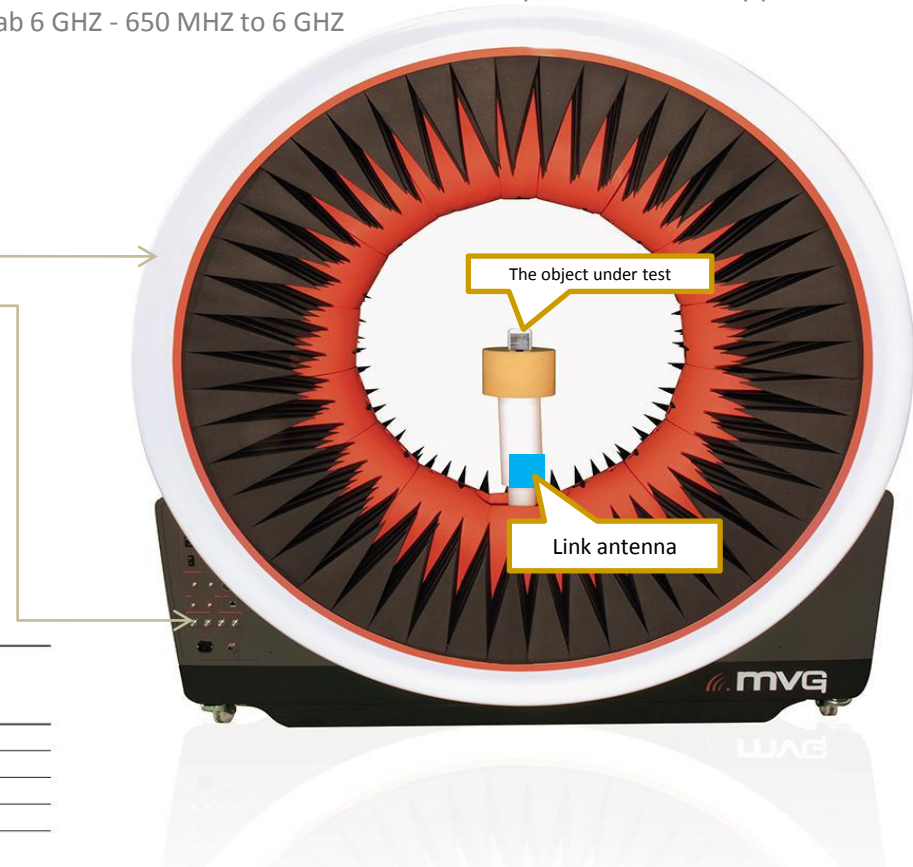
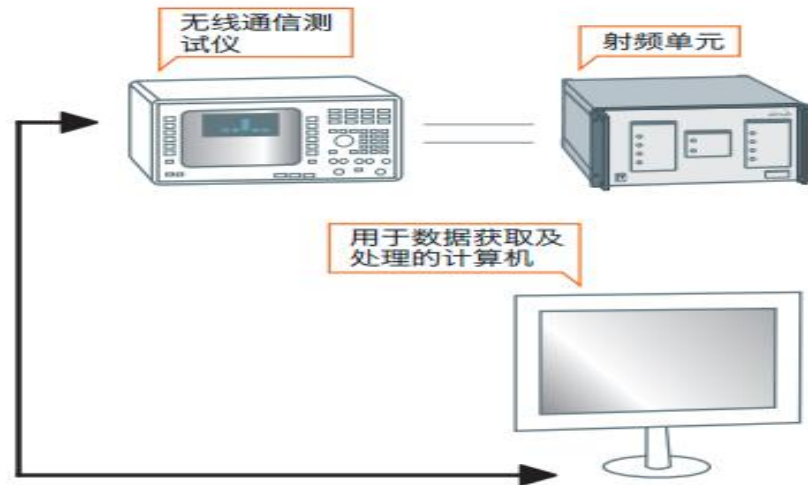
Date: 2023/12/19



The customer name			Project Name	
NO.	project	Detailed above		
1	spectrum	2.4GWIFI		
2	Project type			
3	Antenna space area			
4	Feed point type			
5	The sensitivity			
6	Type of antenna			
7	The length of the PCB board			
8	note			
RF		JIN KAIKAI	18126430782	

# 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



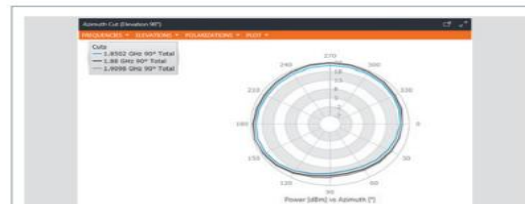
TIS预计测量时间 (一个信道每隔30° 取样)

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 <sup>2</sup>
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



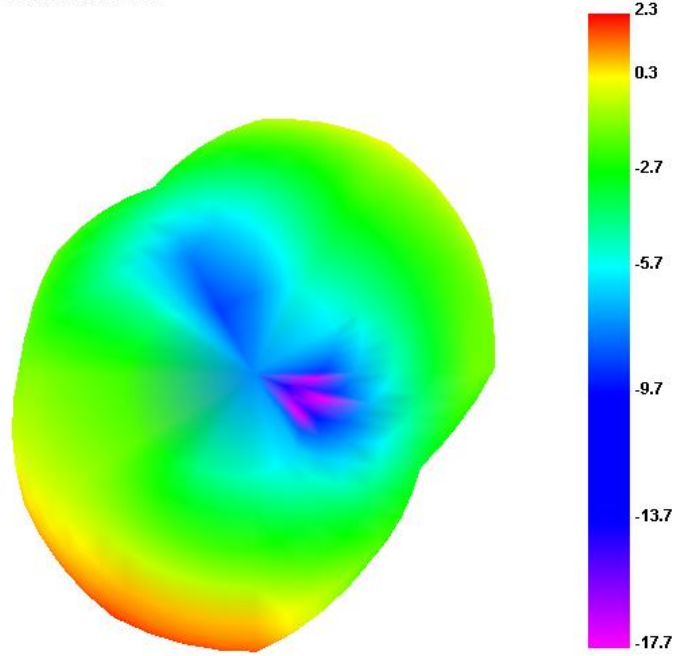
## Efficient /2.4GWIFI)

PEAK GAIN			
	Frequency range	Effi %	Gaim dBi
2.4GWIFI	2400-2500MHZ	51.32	2.32

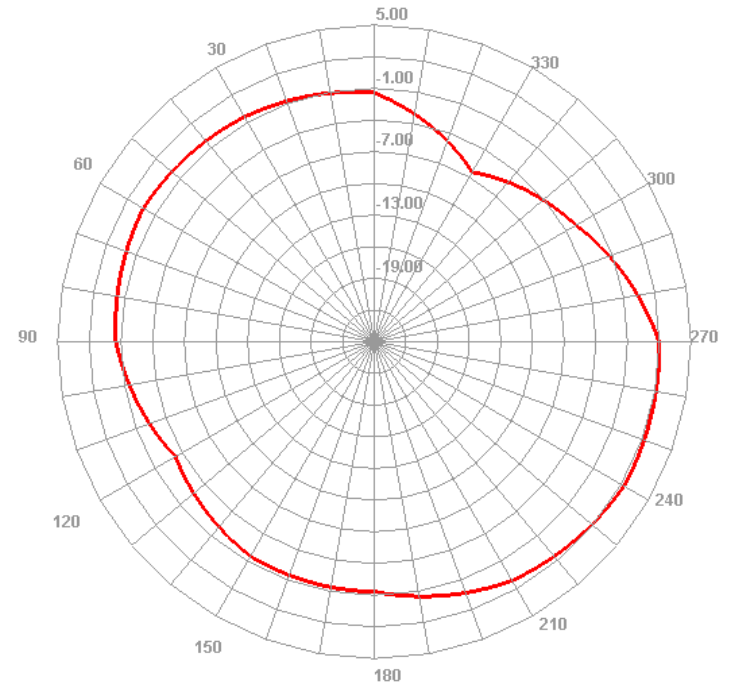


# 2.4GWIFI

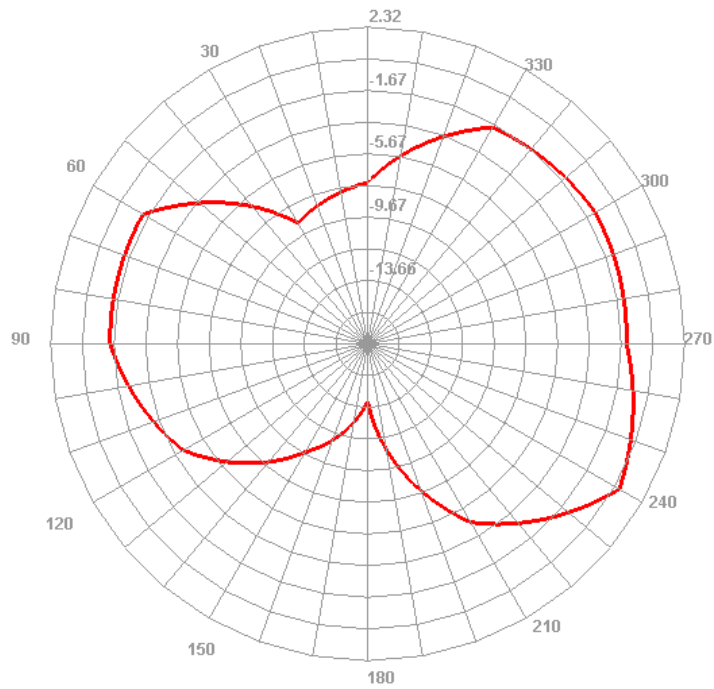
## 2480.000MHz



## 2480.000MHz H



## 2480.000MHz E1



## 2480.000MHz E2

