



Shenzhen Huaxinwei communication technology
Co.,Ltd.

Antenna test report

Customer Name: Min Li

Project Name: Borescope

Designer: Min Li

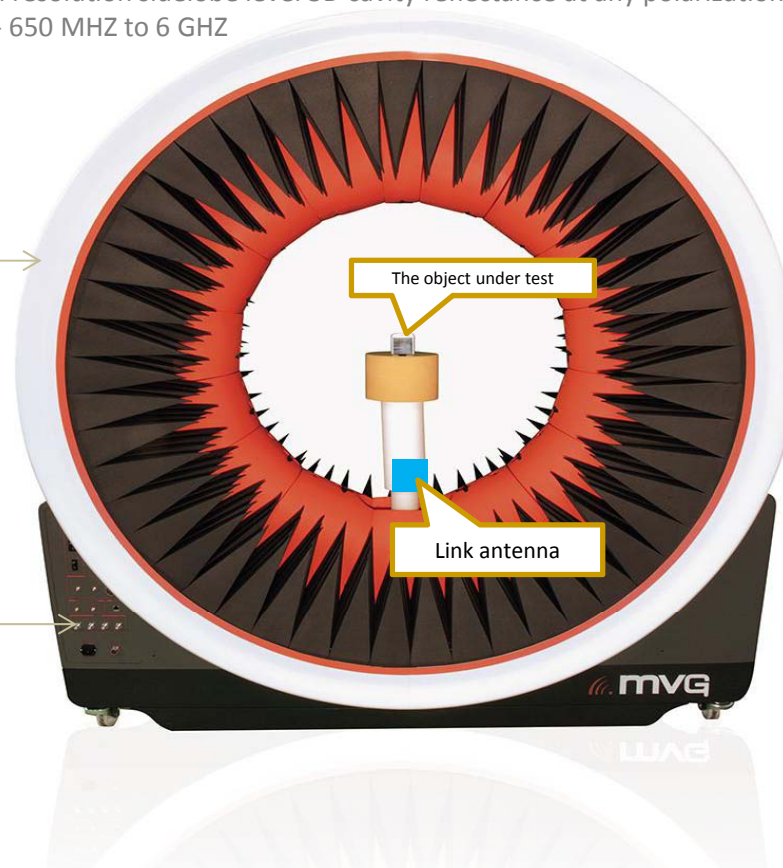
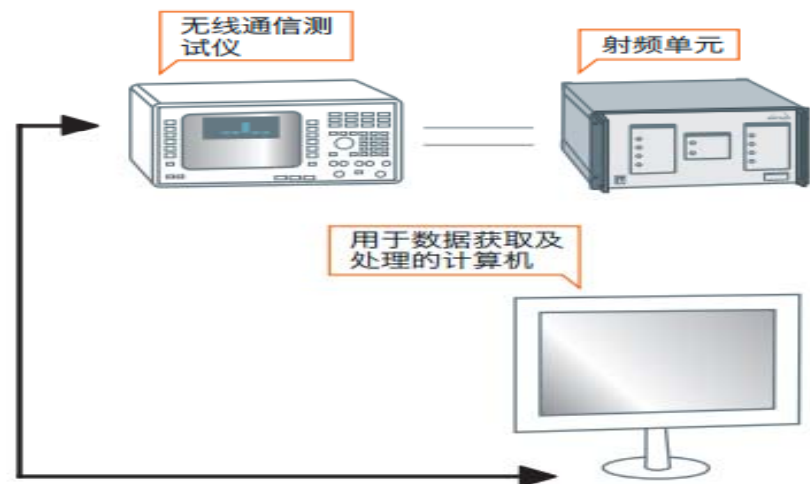
Date: 2023/12/15



The customer name		Min Li	Project Name	MV2T-1
NO.	project	Detailed above		
1	spectrum	WIFI		
2	Project type	The BoreScope		
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			18255150526	

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

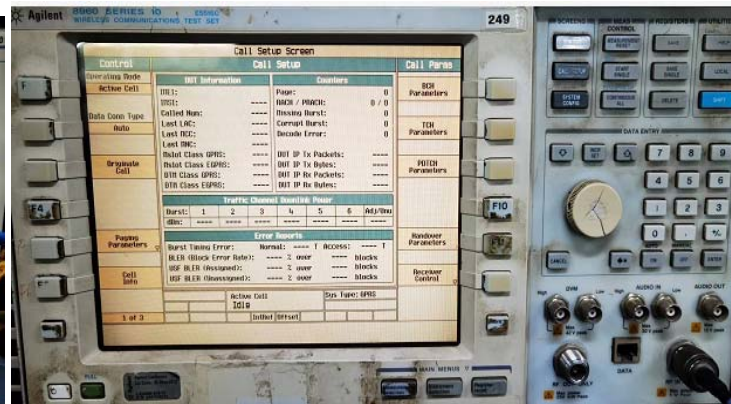


TIS 3D方位切割强度图

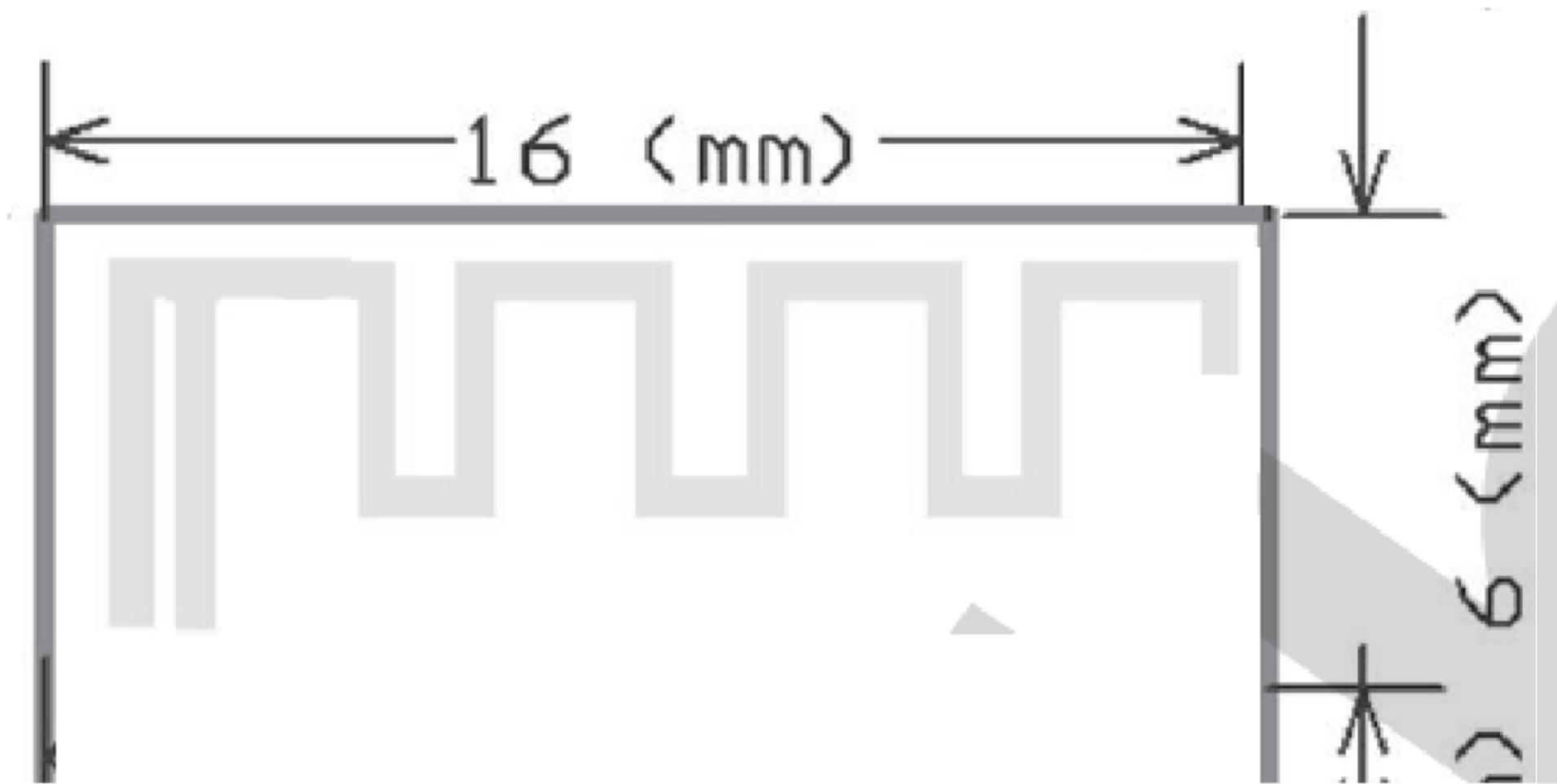


TRP 3D方位切割强度图

Test Equipment



WIFI antenna

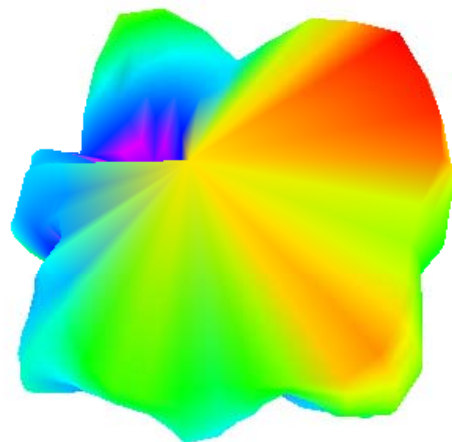


Efficient (Lora+WiFi)

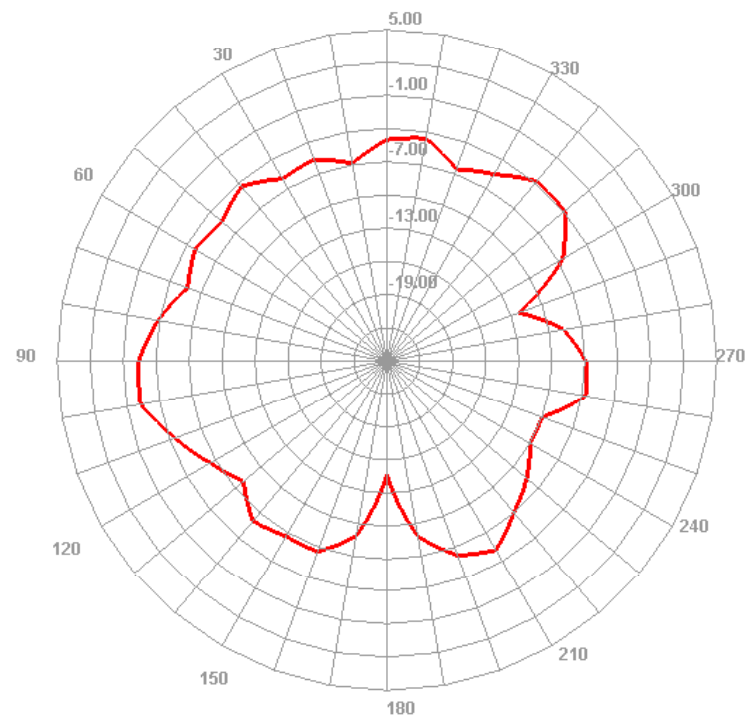
PEAK GAIN			
WIFI::	Frequency range	Efficiency(%)	Gain(dBi)
2. 4G-WIFI	2412MHz ~ 2462MHz	34.67	0

Efficient (2.4GWIFI)

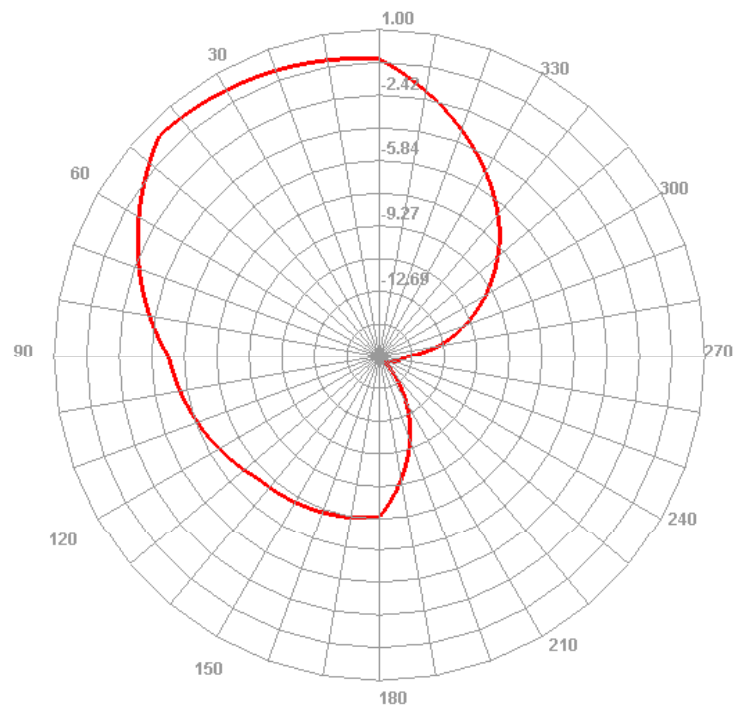
2450.000MHz



2450.000MHz H



2450.000MHz E1



2450.000MHz E2

