



ShenZhen Huaxinwei communication technology
Co.,Ltd.

Antenna test report

Customer Name: Anfuyou

Project Name: AFU-TGF-0238

Designer: Liu Chun Yun

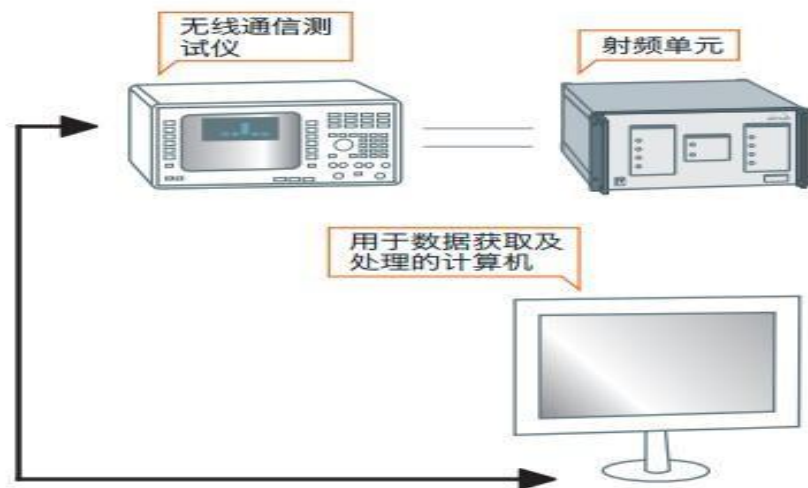
Date: 2026/10/19

Address: Room 302, No.41, Luowuwei New Village, Dalang
Community, Dalang Subdistrict, Longhua District, Shenzhen
City

The customer name		Anfuyou	Project Name	AFU-TGF-0238
NO.	project	Detailed above		
1	spectrum	WIFI-B		
2	Project type	On-board antenna		
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				

1、Test system and test equipment

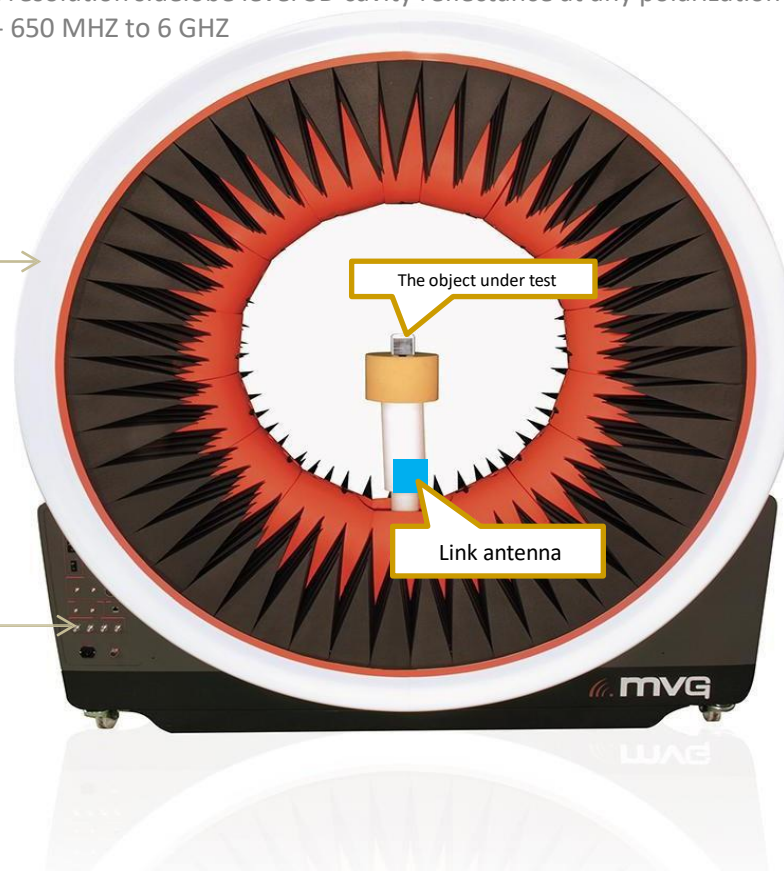
System Brand: MVG(SATIMO) measurement features: gain • pattern beamwidth cross polarization resolution sidelobe level 3D cavity reflectance at any polarization cavity reflectance (line or arc) antenna efficiency TRP, TIS, EIRP and EIS. Frequency band: StarLab 6 GHZ - 650 MHZ to 6 GHZ



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

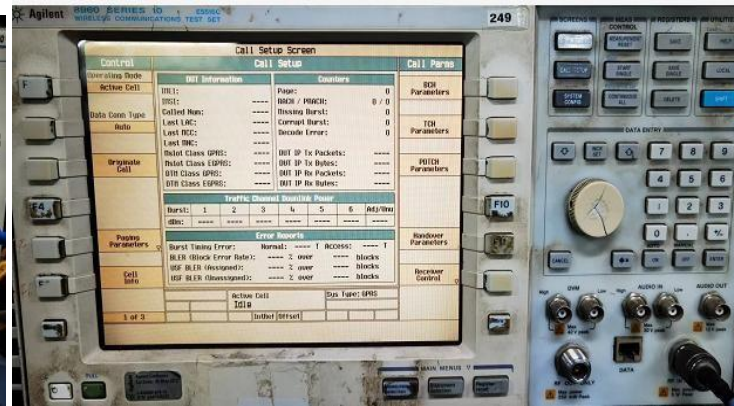


TIS 3D方位切割强度图



TRP 3D方位切割强度图

Test Equipment

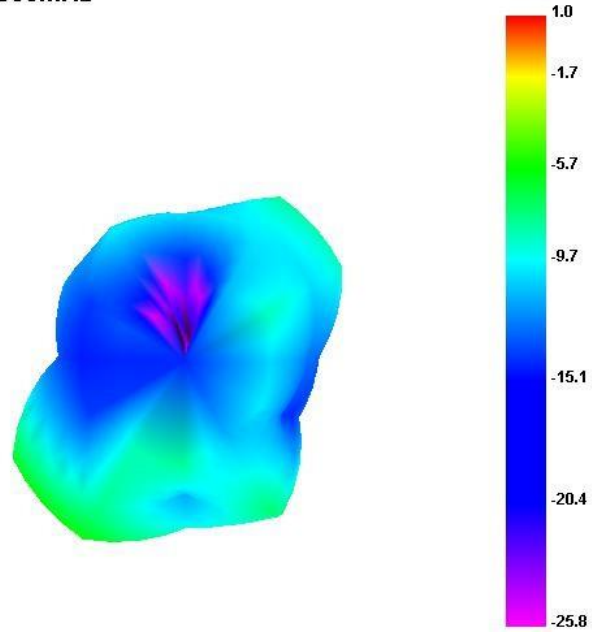


Efficient (WIFI2.5)

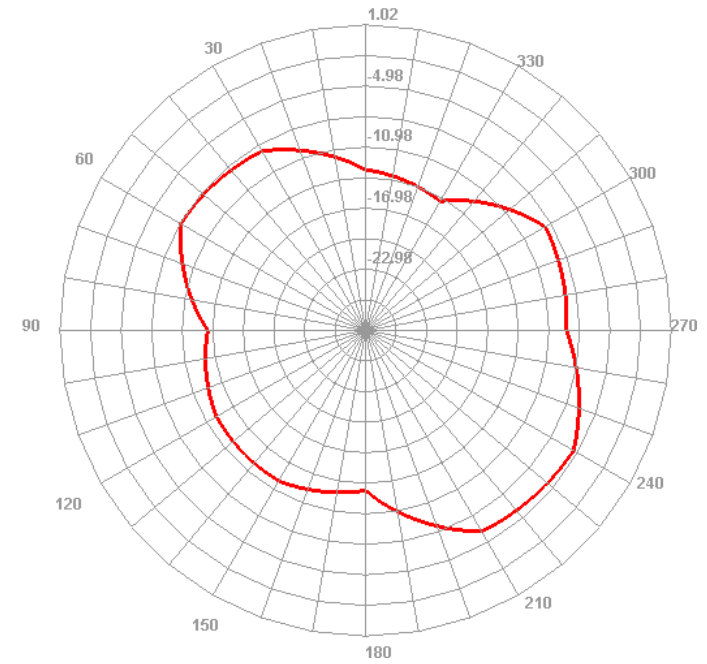
PEAK GAIN			
	Frequency range	Effi %	Gaim dBi
2.4G-WIFI	2400~2500Mhz	32.64	+1.04

Efficient (WIFI 2.4G- 2400-2500MHz)

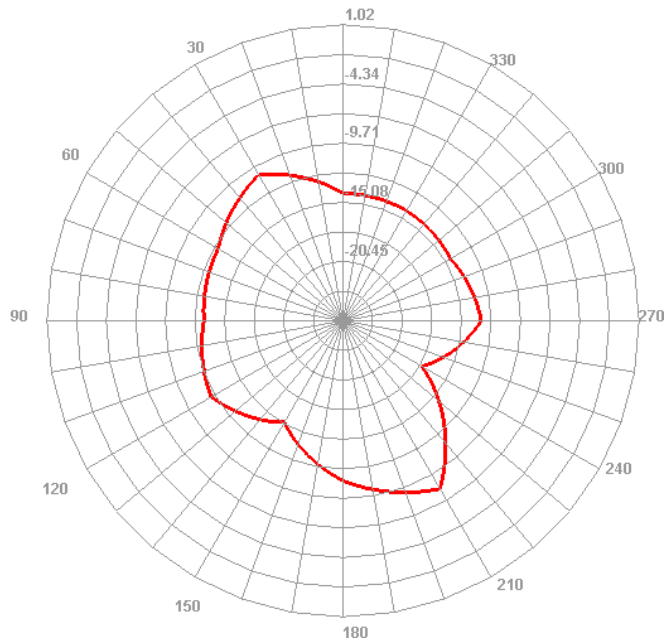
2410.000MHz



2410.000MHz H



2410.000MHz E1



2410.000MHz E2

