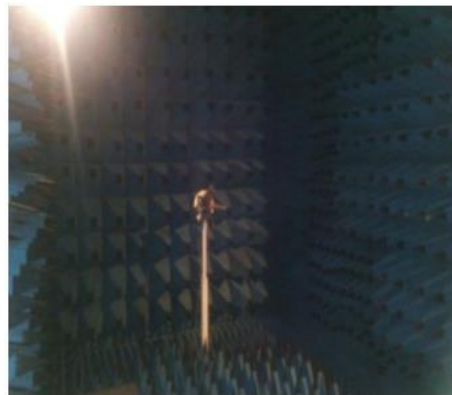


- ◇ 研发设备
- ◇ 名词解释
- ◇ 测试数据

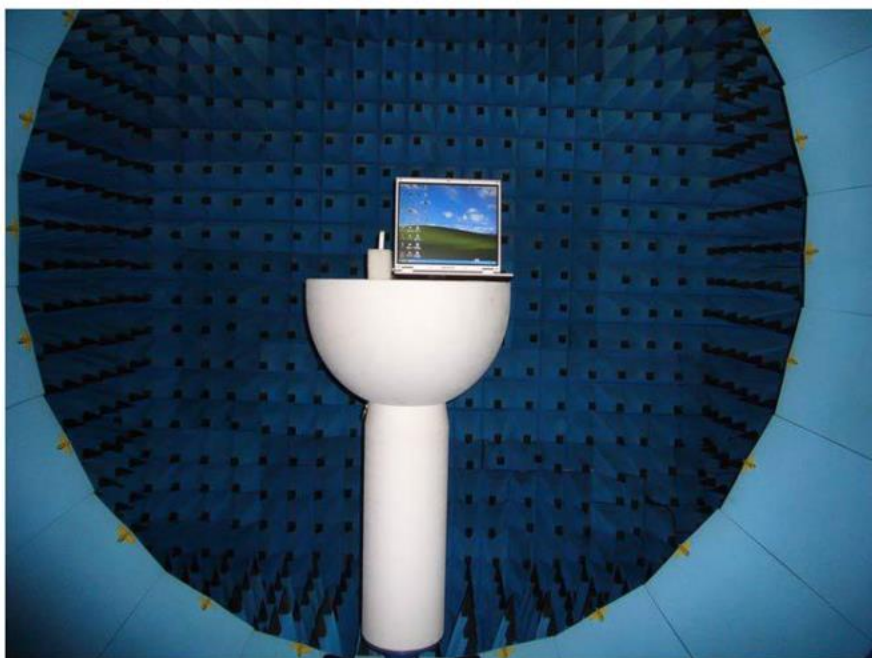
◇ 匹配电路

◇ 装配说明

◇ 项目总结



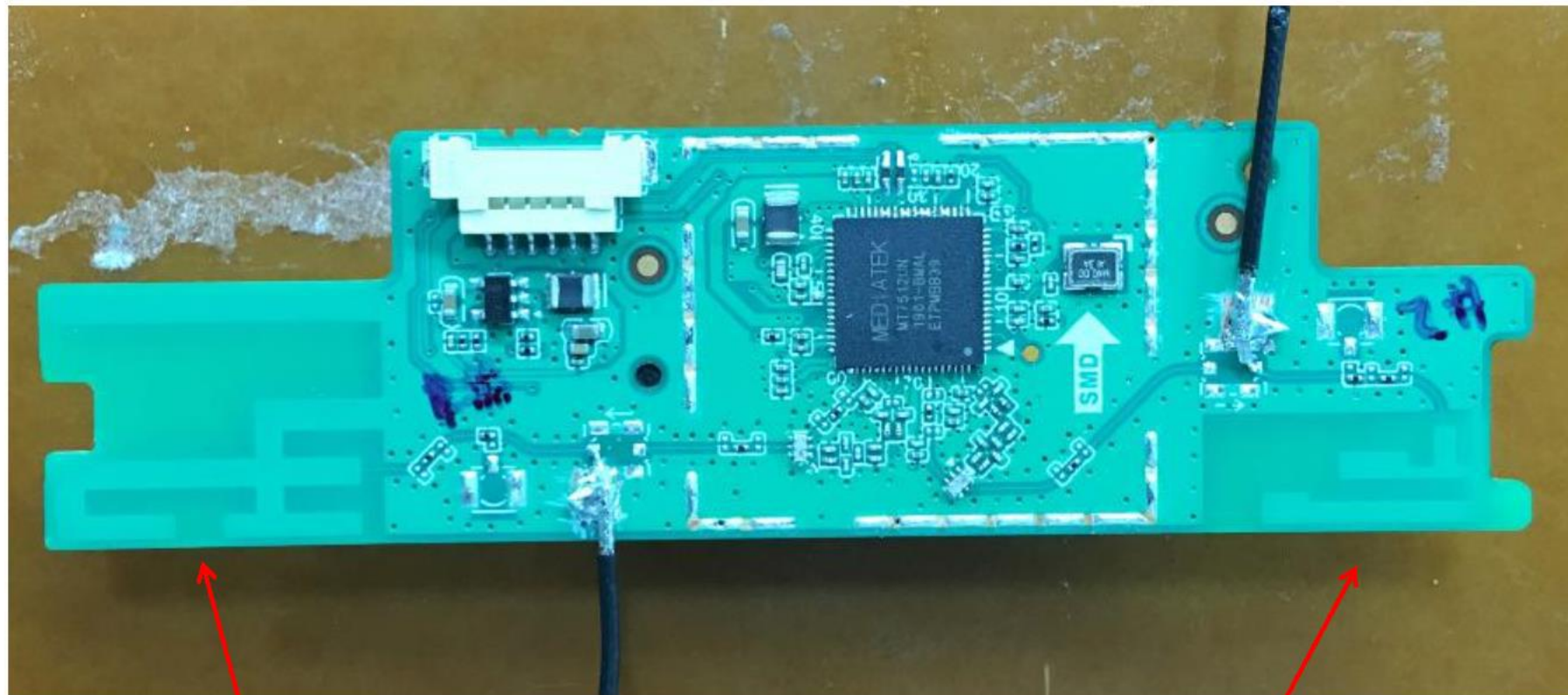
公司拥有通信行业最领先的法国 Satimo SG24 OTA测试系统1套, ETS OTA 标准测试系统2套, Bluetest 混响暗室1套, MicroPross NFC测试系统1套, 能快速稳定的给客户提供精确的测试报告, 完全符合CITA标准, 支持 GSM/CDMA/WCDMA/TD/LTE/WIFI/BT/GPS/MIMO等各制式的有源无源测试。



MicroPross NFC系统能满足各运行商测试要求, 对NFC设备进行快速性能测试, 并输出正式认证测试报告

名词解释

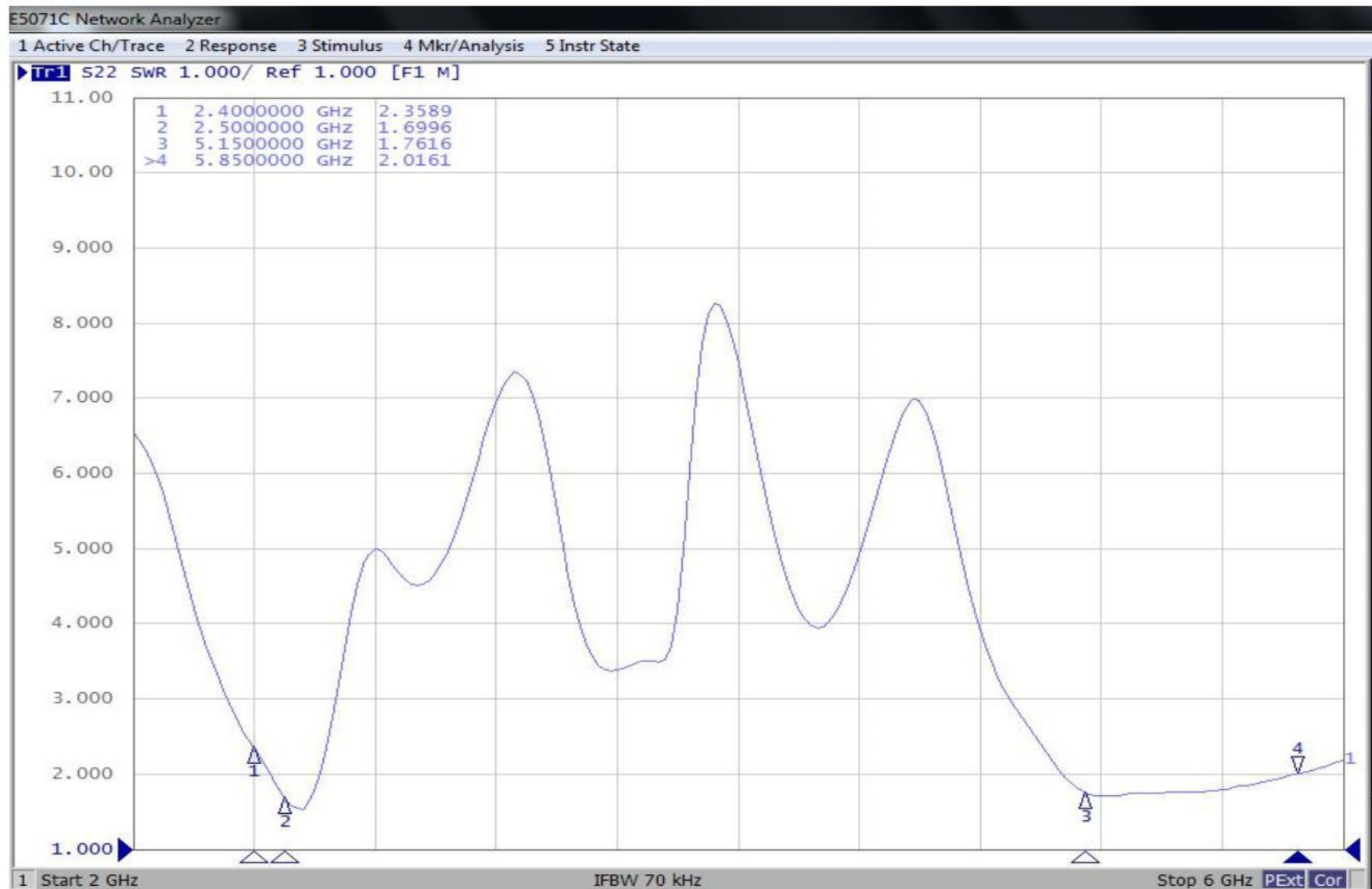
dBi	Decibel relative isotropic antenna
Tx	Transmit frequency
Rx	Receive frequency
TRP	Total Radiated Power
TIS	Total Isotropic Sensitivity
VSWR	Voltage Standing Wave Ratio
GSM	Global Service for Mobile communication
DCS	Digital Communication System
PCS	Personal Communication System
PHS	Personal Handly-phone System
SAR	Specific Absorption Rate
PCB	Printed Circuit Board
CDMA	Code Division Multiple Access
WCDMA	Wideband Code Division Multiple Access
LTE	Long Term Evolution



WIFI-1

WIFI-2

驻波图

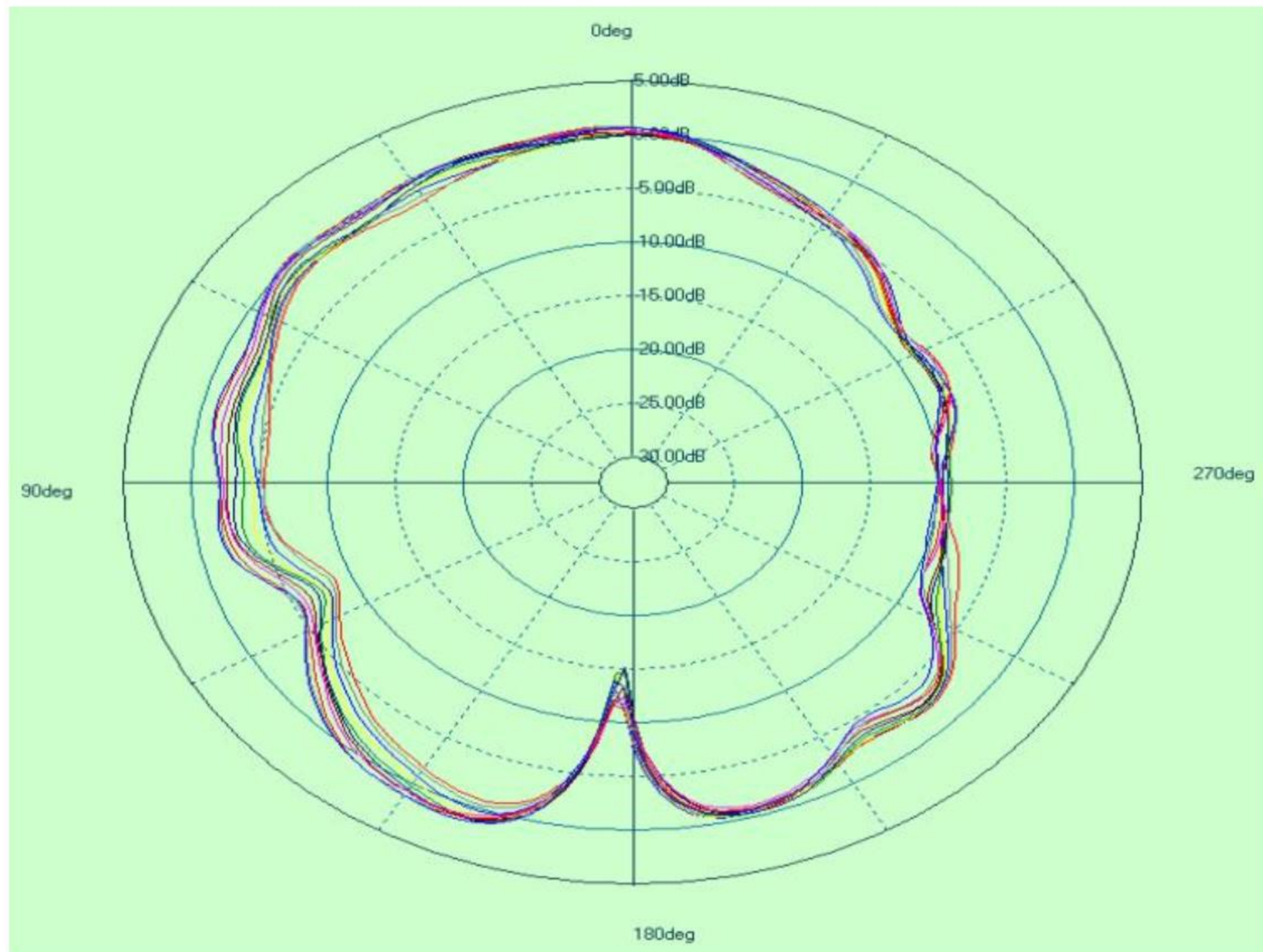


效率和增益

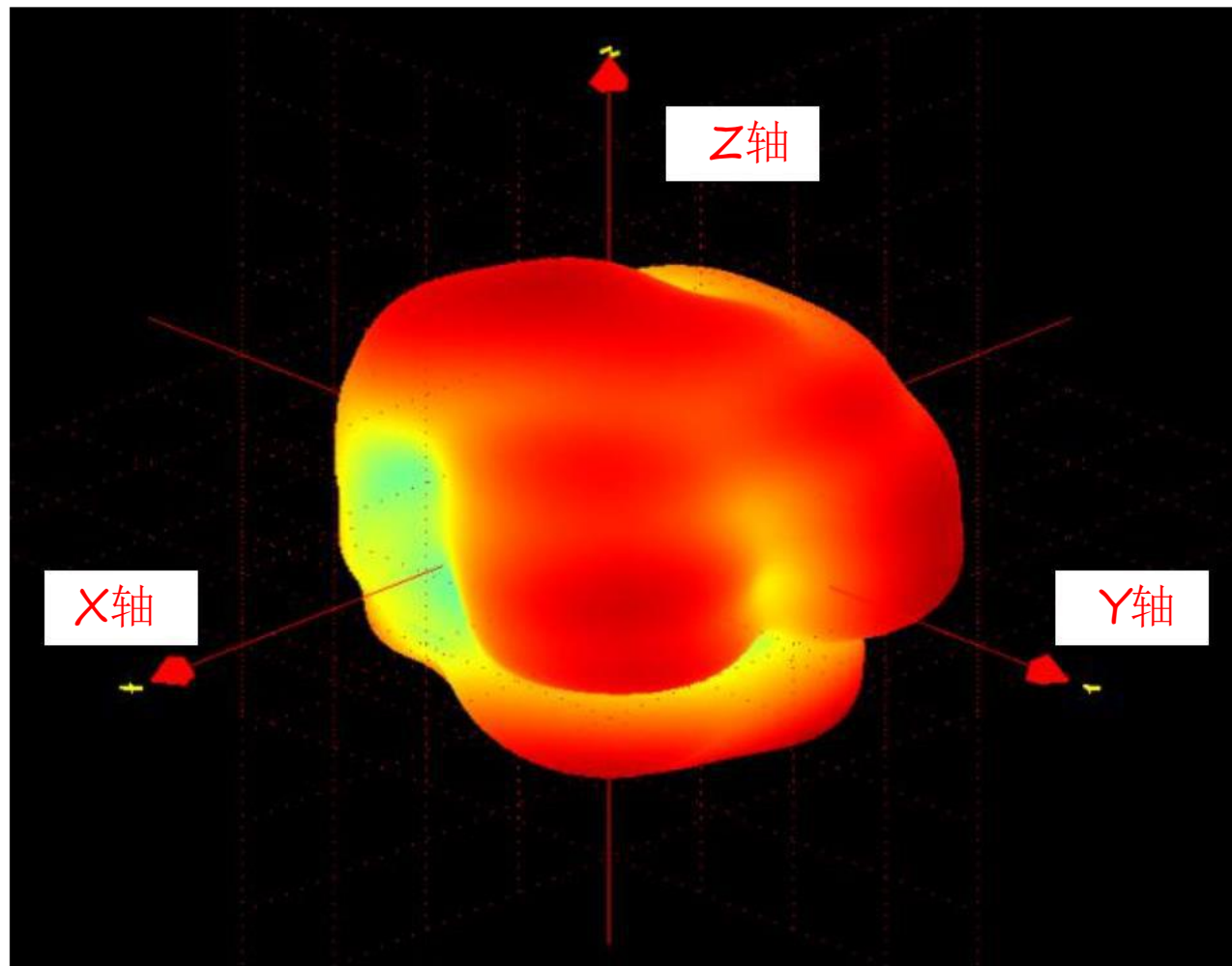
Frequency	Efficiency	Gain. dB
2. 40E+09	43%	1. 48
2. 41E+09	43%	1. 28
2. 42E+09	46%	1. 48
2. 43E+09	47%	1. 80
2. 44E+09	49%	1. 98
2. 45E+09	50%	1. 90
2. 46E+09	51%	1. 99
2. 47E+09	52%	1. 87
2. 48E+09	54%	2. 00
2. 49E+09	54%	1. 93
2. 50E+09	53%	1. 67

Frequency	Efficiency	Gain. dB
5. 15E+09	45%	1. 27
5. 20E+09	46%	1. 45
5. 25E+09	45%	1. 21
5. 30E+09	44%	1. 20
5. 35E+09	44%	1. 2
5. 40E+09	43%	1. 14
5. 45E+09	43%	1. 34
5. 50E+09	42%	1. 15
5. 55E+09	42%	1. 36
5. 60E+09	42%	1. 32
5. 65E+09	42%	1. 36
5. 70E+09	41%	1. 40
5. 75E+09	43%	1. 48
5. 80E+09	42%	1. 45
5. 85E+09	43%	1. 49

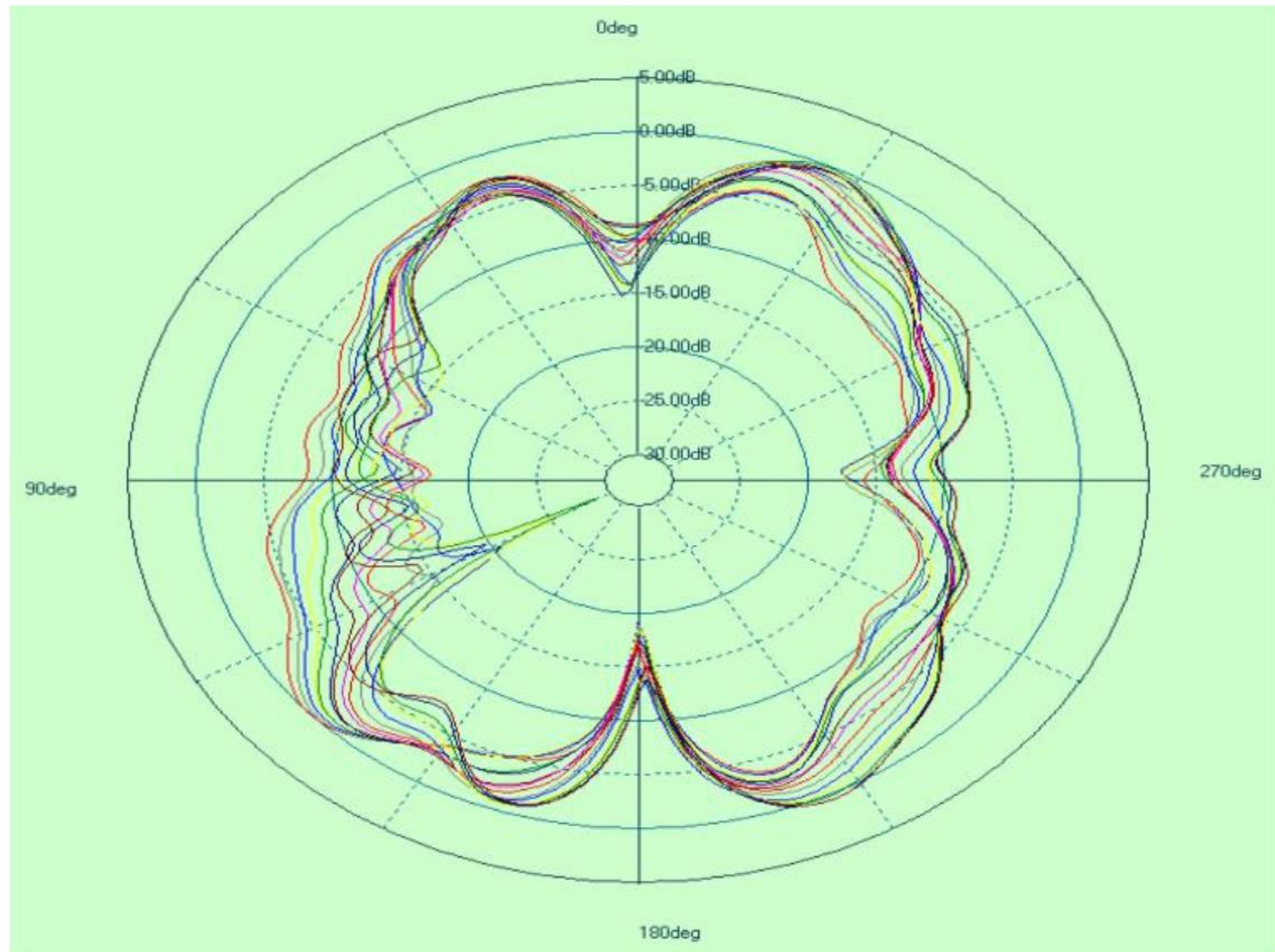
2D辐射图 2.4G



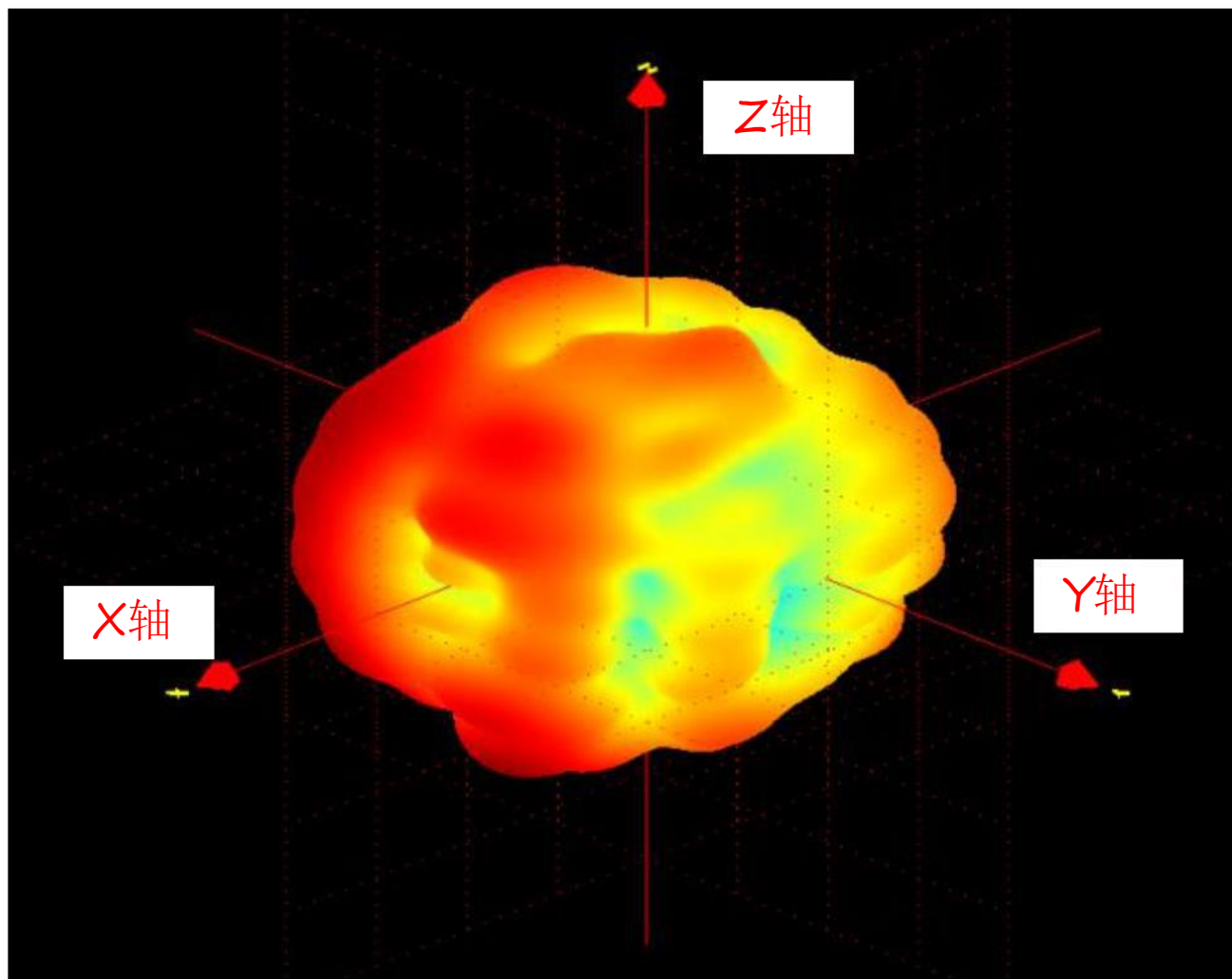
3D辐射图 2.4G



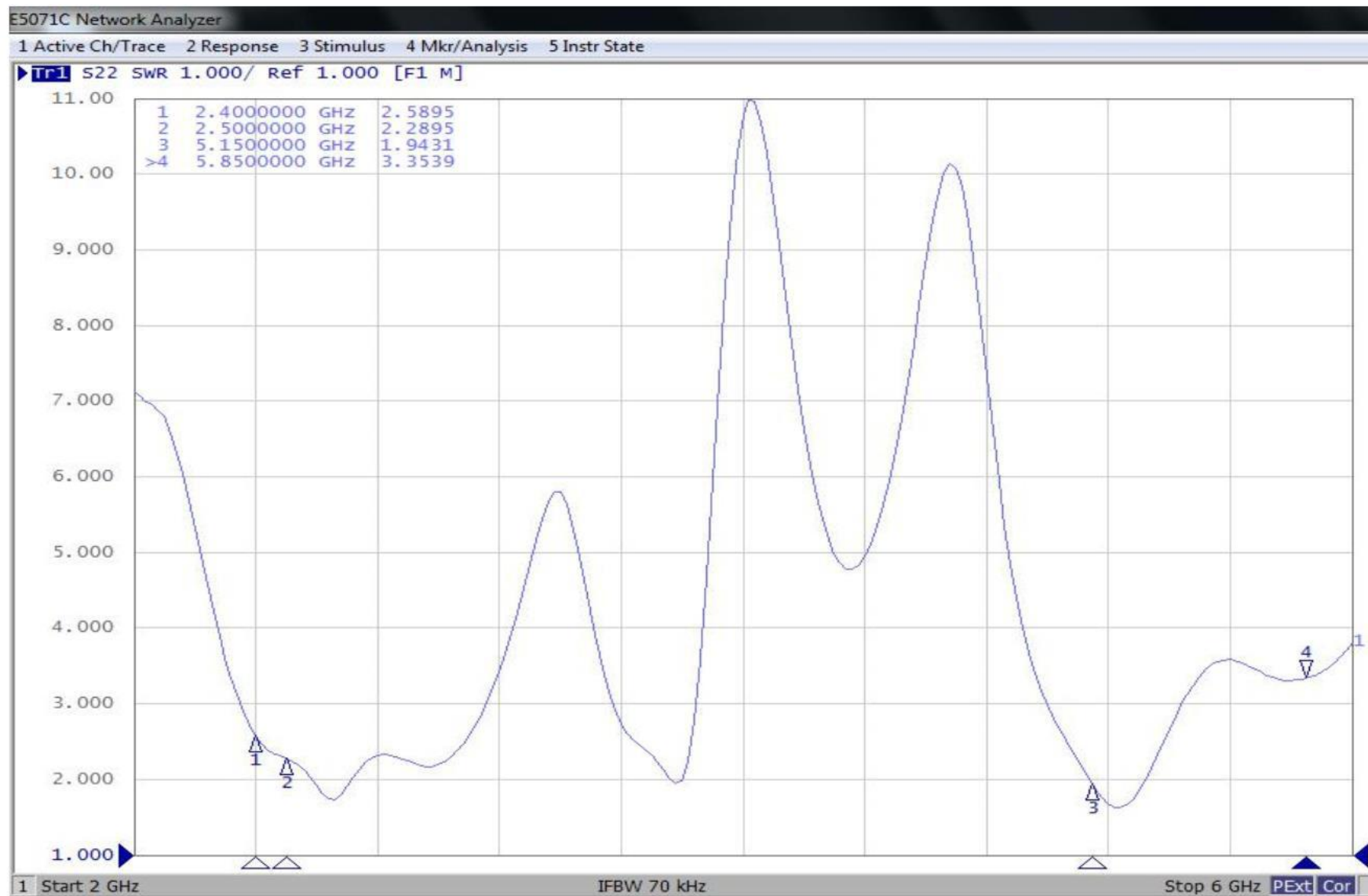
2D辐射图 5G



3D辐射图 5G



驻波图

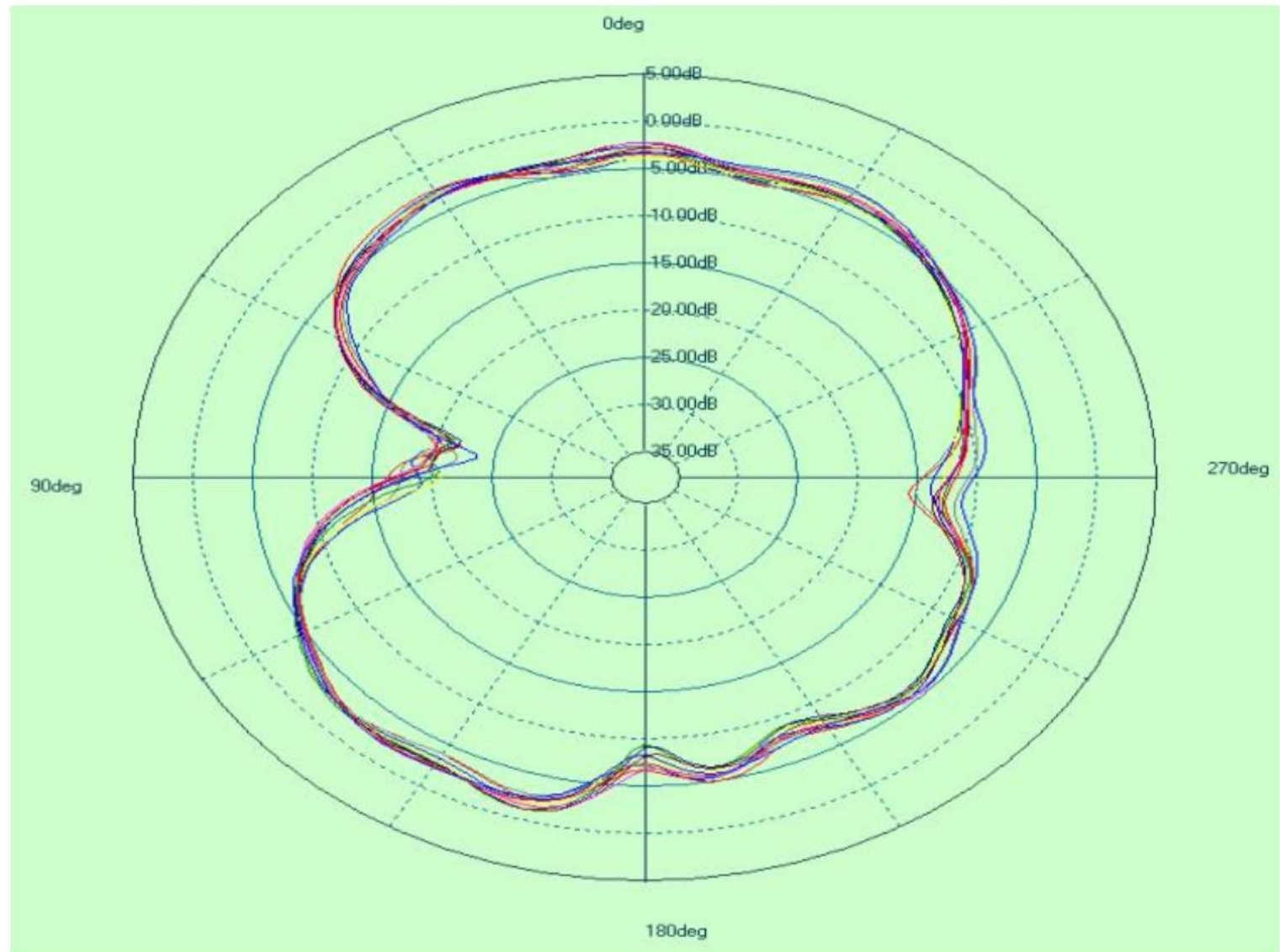


效率和增益

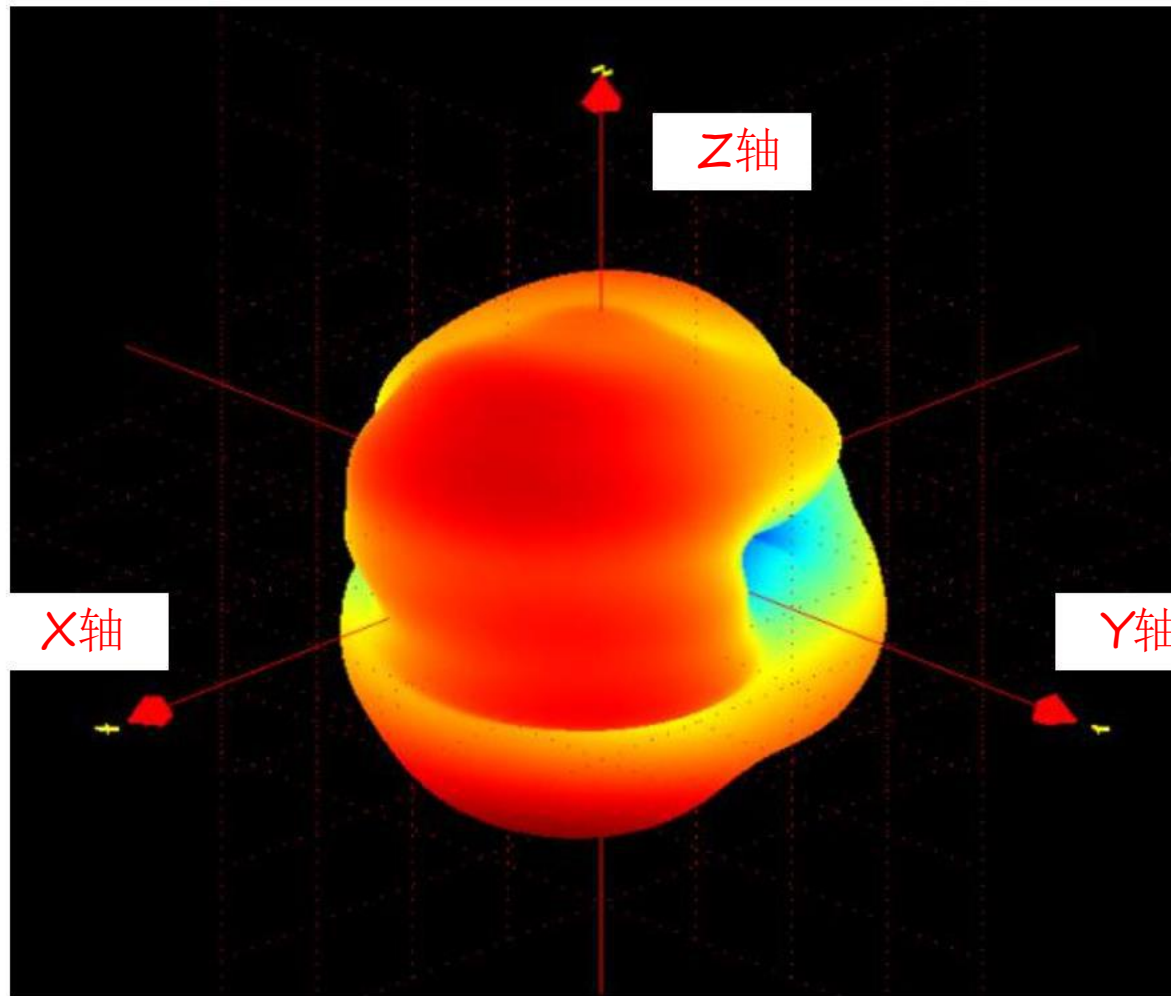
Frequency	Efficiency	Gain. dB
2.40E+09	34%	0.30
2.41E+09	34%	0.33
2.42E+09	36%	0.54
2.43E+09	37%	0.56
2.44E+09	38%	0.78
2.45E+09	39%	0.88
2.46E+09	40%	1.09
2.47E+09	43%	1.45
2.48E+09	43%	1.38
2.49E+09	45%	1.51
2.50E+09	44%	1.27

Frequency	Efficiency	Gain. dB
5.15E+09	32%	0.59
5.20E+09	38%	1.26
5.25E+09	39%	1.66
5.30E+09	39%	1.39
5.35E+09	38%	1.40
5.40E+09	34%	0.84
5.45E+09	31%	0.68
5.50E+09	27%	0.14
5.55E+09	25%	-0.09
5.60E+09	23%	-0.54
5.65E+09	21%	0.15
5.70E+09	18%	0.07
5.75E+09	18%	-0.31
5.80E+09	17%	-0.77
5.85E+09	18%	-0.75

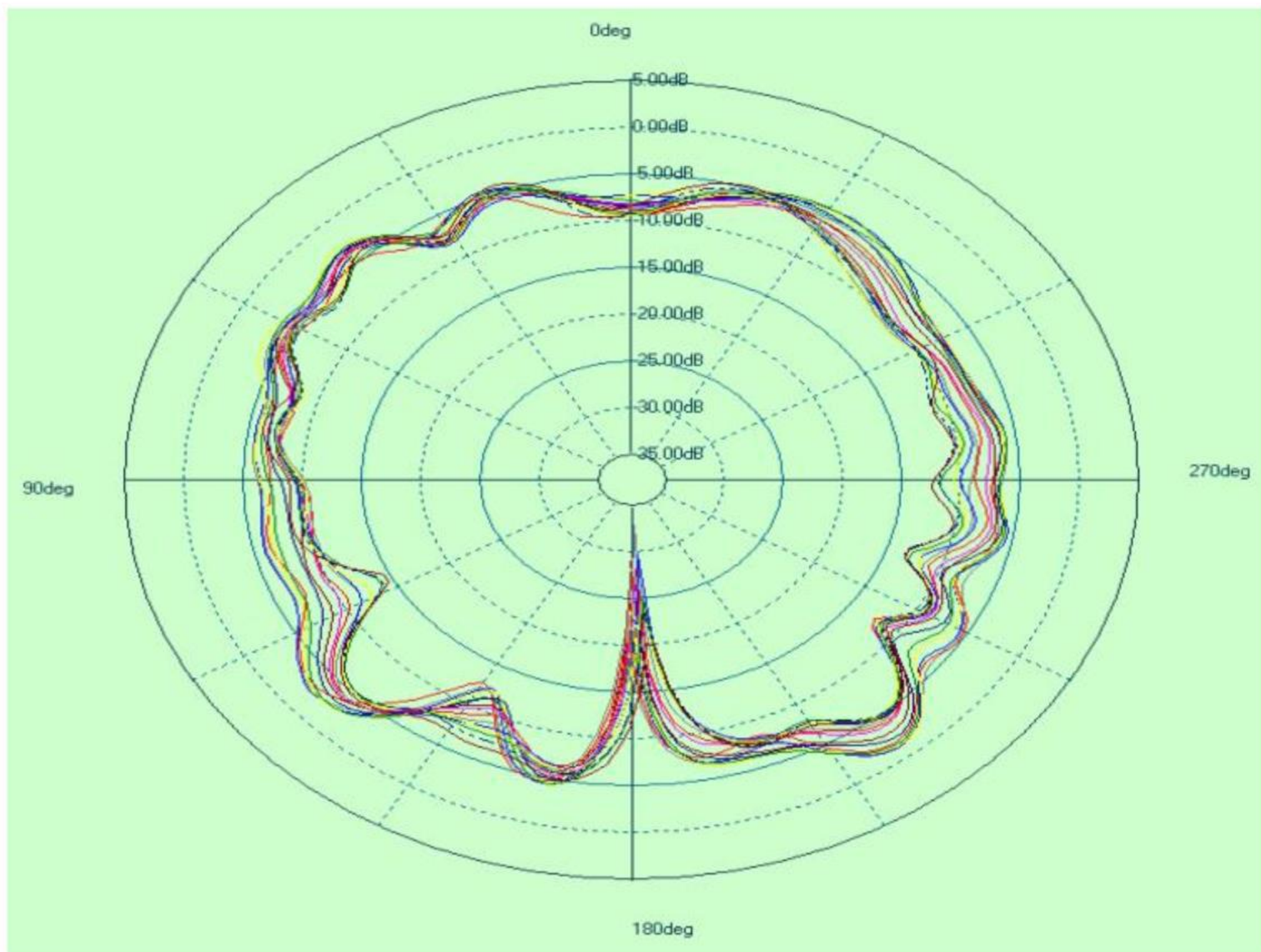
2D辐射图 2.4G



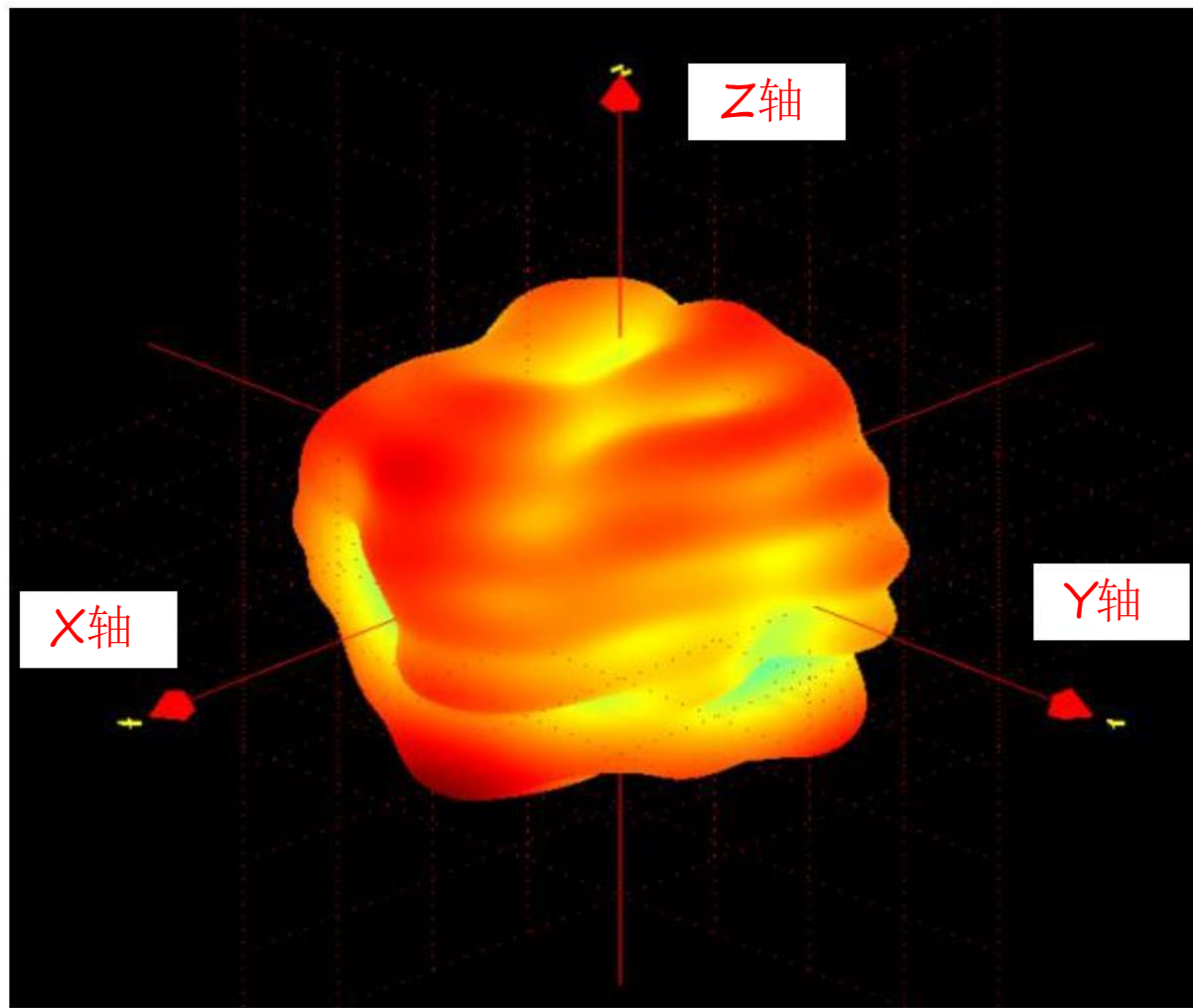
3D辐射图 2.4G



2D辐射图 5G



3D辐射图 5G



测试数据 (WIFI-1天线与WIFI-2天线隔离度)

