



上海杰盛康通信工程有限公司

Shanghai Jesoncom Communication Engineering Co., Ltd

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客户承认书

SPECIFICATION FOR APPROVAL

CUSTOMER/PROJECT 客户/机型: LANDI M20 BASE

CUSTOMER P.N./ 客户物料号: _____

PRODUCT NAME./ 物料名称: WIFI FPC Antenna

MODEL NO./ 物料型号: 5U076B

ADD: No.358 Liuyuan RD., Baoshan Urban Industrial District., Shanghai, P.R.China.

地址: 上海市宝山城市工业园区柳园路358号5号楼5楼

TEL: +86-21-66276925(26/29/35) - 615

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1 名词解释 DEFINITION

dB _i	Decibel relative isotropic antenna
T _x	Transmit frequency
R _x	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
CDMA	Code Division Multiple Access
WCDMA	Wideband Code Division Multiple Access

2 测试设备 Test equipment

Can be increased or decreased according to actual situation

vector network analyzer

Comprehensive test instrument

SATIMO64 darkroom

3 适用频段 Applicable frequency band

将适用的频段用其他颜色标出。

Mark the applicable frequency bands with other colors.

	频段 Frequency
WIFI (2.4G)	2400MHz~2500MHz

4 基本测试项目 Basic testing items

4.1 驻波比图 Standing wave ratio diagram

4.2 史密斯阻抗图 Smith impedance diagram

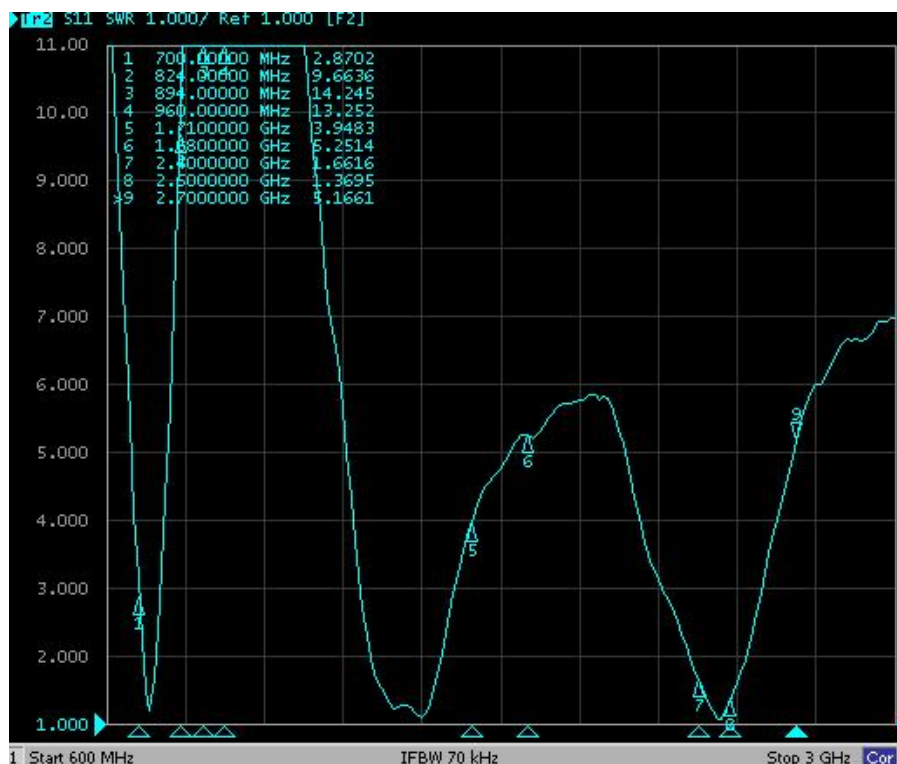
4.3 辐射方向图 Radiation pattern

4.4 增益和效率 Gain and efficiency

5 测试指标和数据图表 Test indicators and data charts

5.1 驻波比 standing-wave ratio

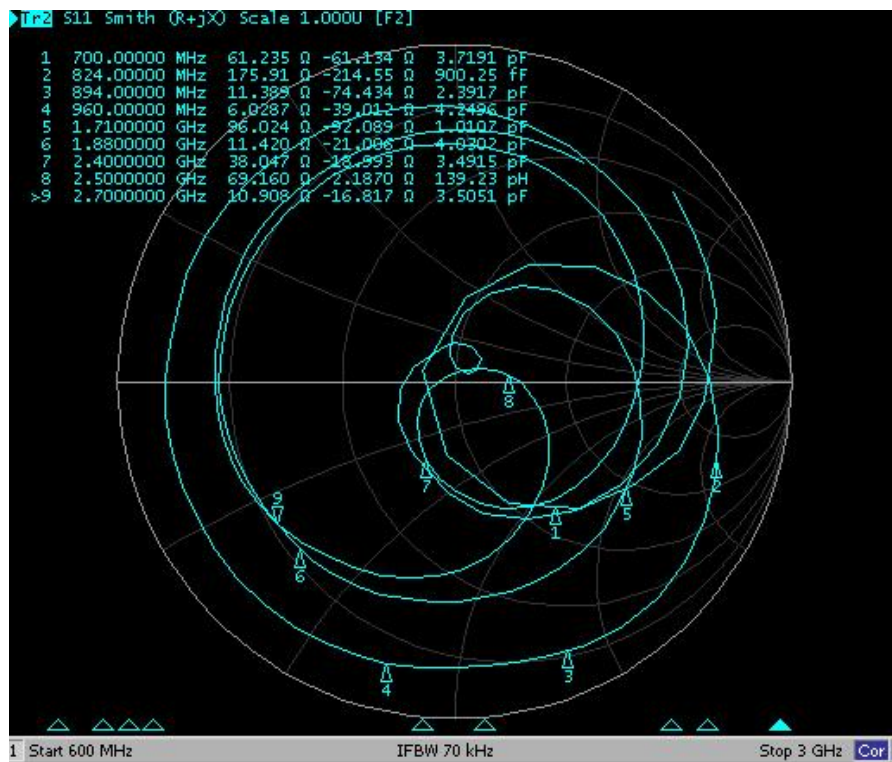
5.1.1 驻波比图 Standing wave ratio diagram



5.1.2 驻波比数据 Standing wave ratio data

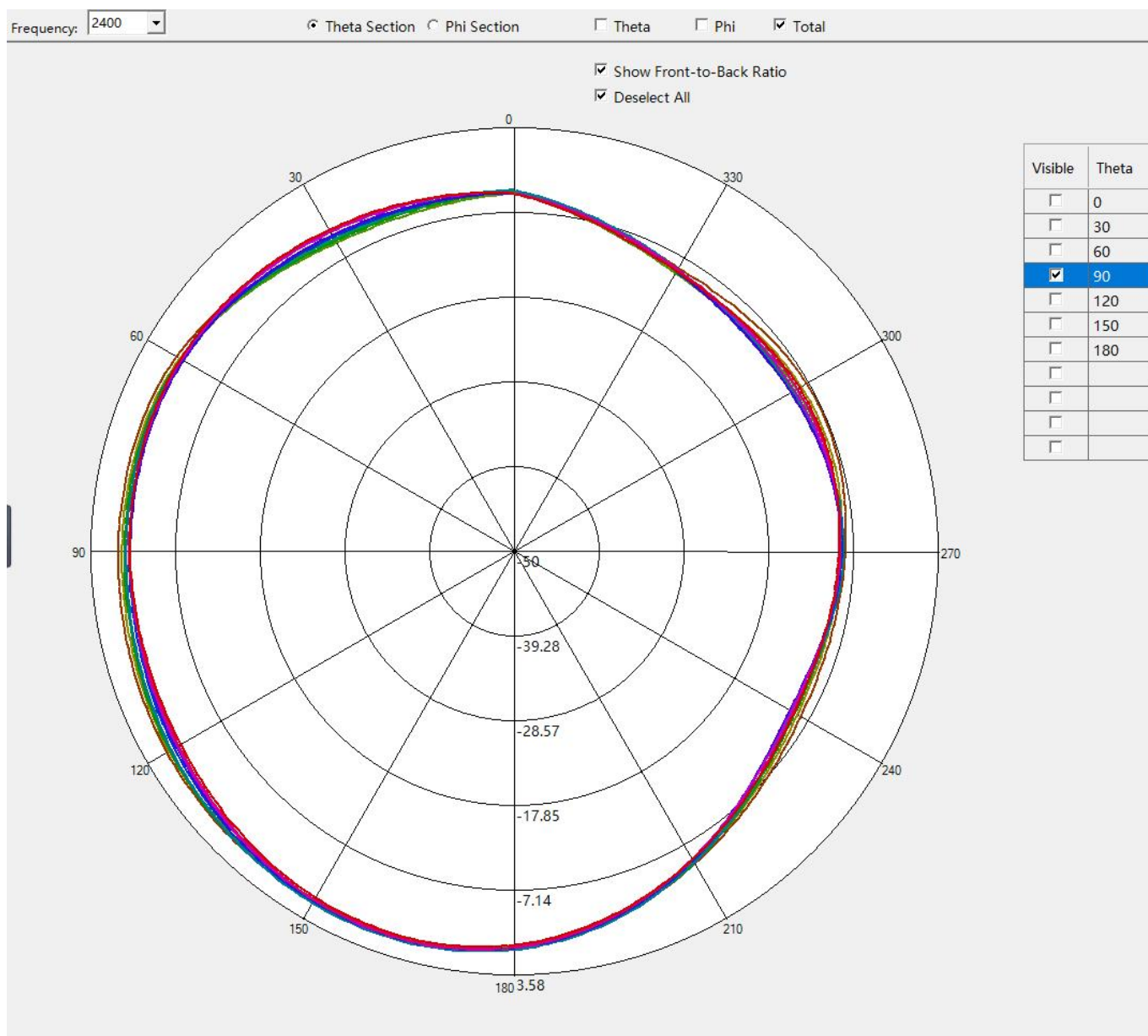
Freq/MHz	2400	2500
VSWR	1.6	1.3

5.2 史密斯阻抗圆图 Smith impedance circle diagram



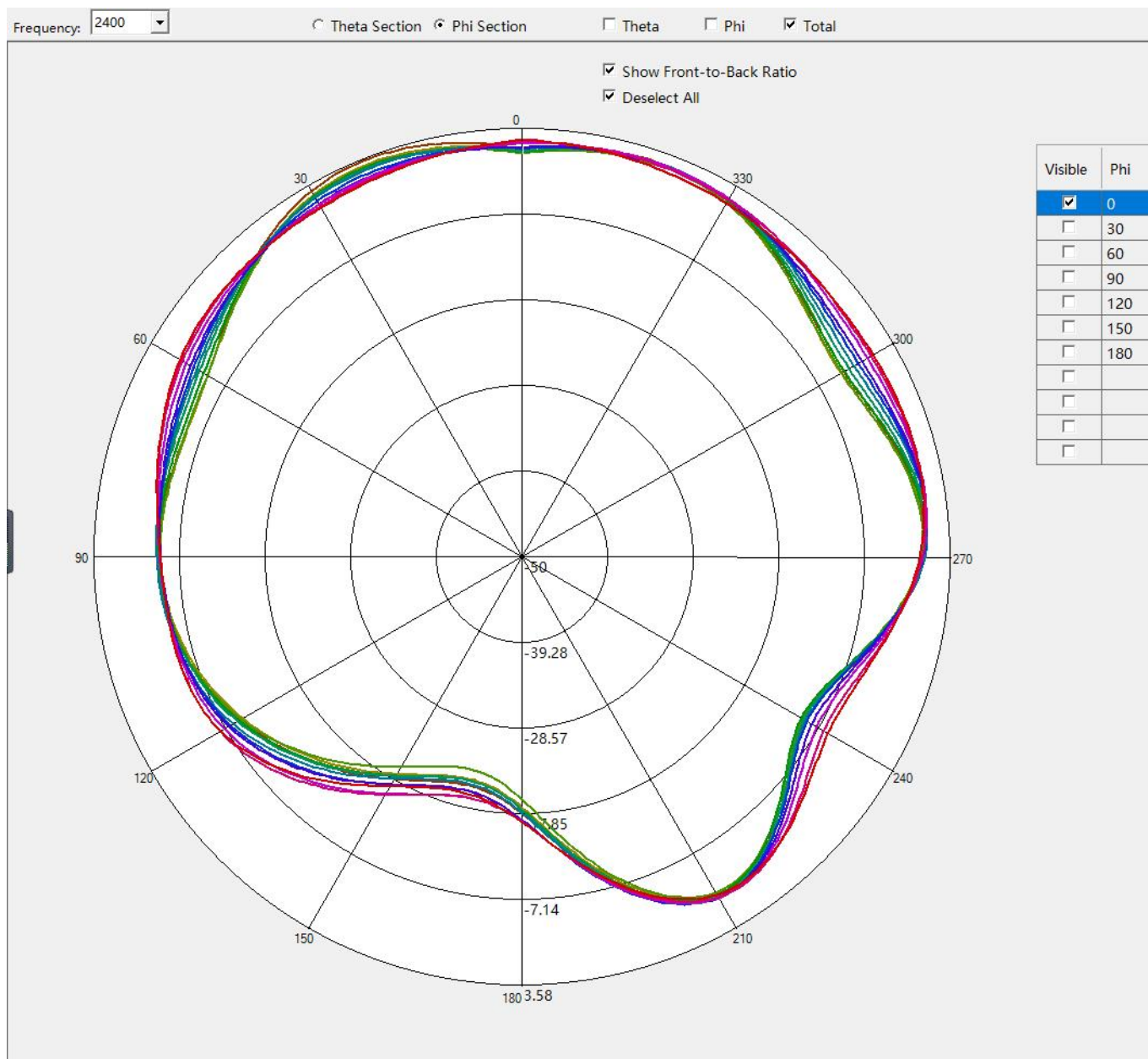
5.3 辐射方向图 Radiation pattern

5.3.1 H-plane

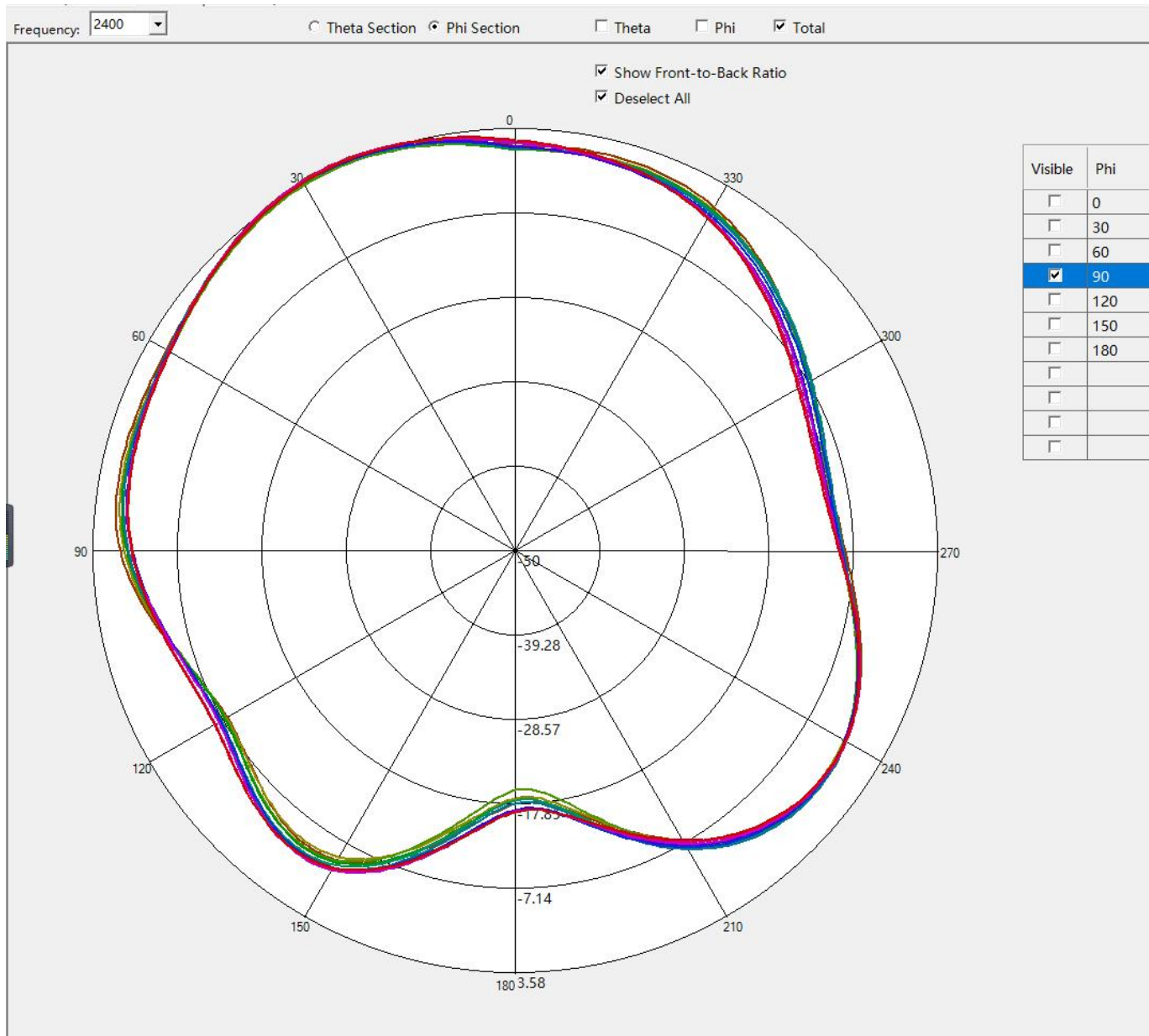


5.3.2 E-plane

E1



E2



5.4 增益和效率 Gain and efficiency

Freq (MHZ)	Eff(%)	GAIN(DBi)
2400	56.13	1.37
2420	53.42	1.37
2440	52.85	1.35
2450	55.77	1.66
2460	57.24	1.77
2470	57.79	1.81
2480	55.61	1.65
2490	54.03	1.50
2500	55.21	1.63

6 环境处理建议 Environmental treatment suggestions

环境不需要做处理

The environment doesn't need to be treated

7 阻抗匹配要求 Impedance matching requirements

匹配电路没有修改

The matching circuit is not modified

8 天线外形图 Antenna Outline Drawing

