



公司地址：东莞市塘厦镇清湖头三坑工业区1号 电话：0769-38940168 传真：0769-39010966 网址：http://rflink.net.cn

东莞市仁丰电子科技有限公司

Dongguan RF Electronic Technology Co., Ltd

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: 登虹 T410

产 品 名 称

PRODUCT NAME: 2.4/5G 内置天线 L=90mm

客 户 料 号

CUSTOMER P/N:

仁 丰 料 号

Ren Feng P/N: U00T02S000N03878 REV: B

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	杨 振	
AUDITOR BY:	宋 俊	
APPROVED BY:	姚定军	
DATE:	2023-07-26	



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一、 变更履历

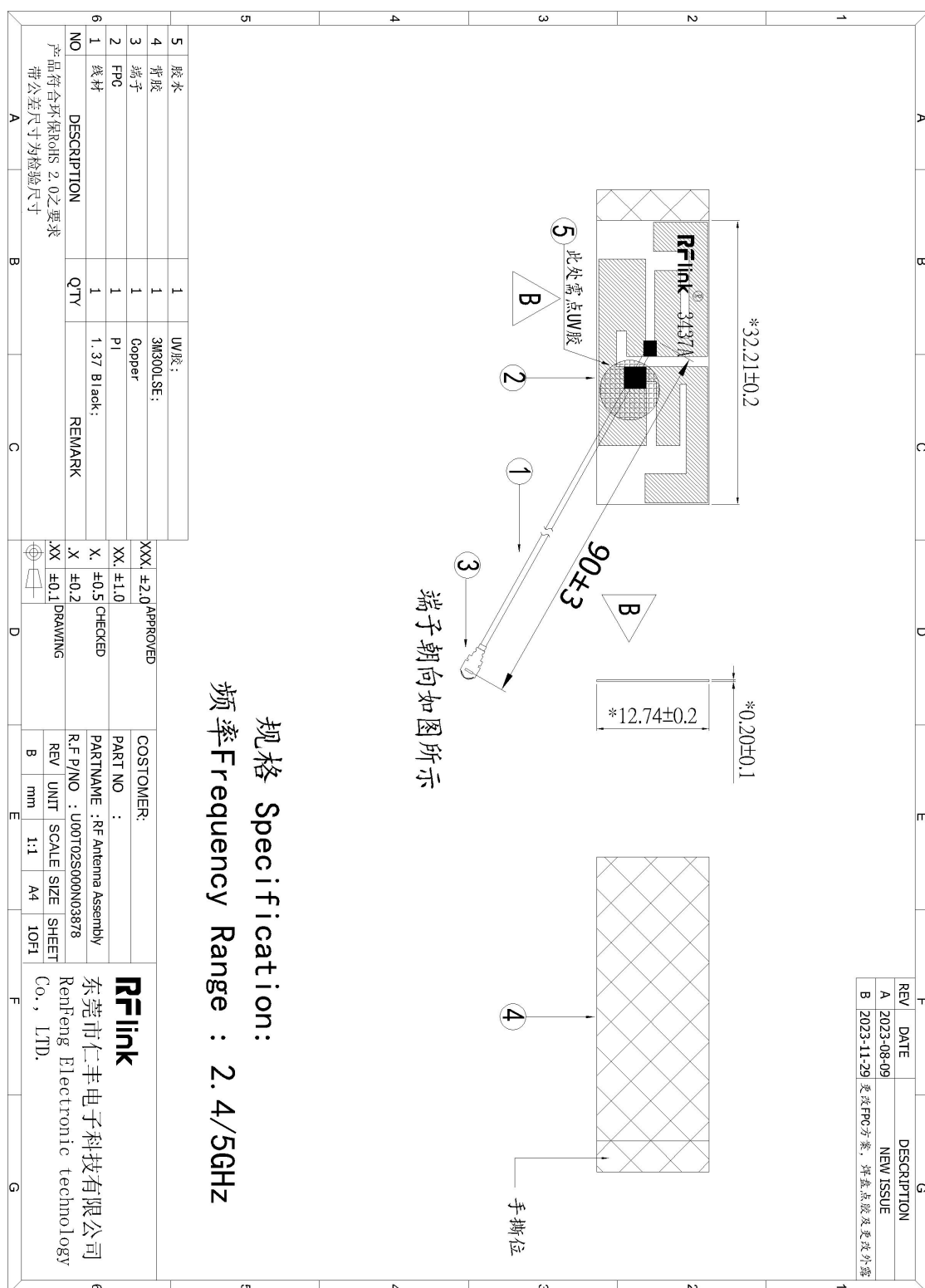
版本	日期	变更记录
A	2023--07-26	初版发行
B	2023--11-29	更改FPC方案，焊盘点胶及修改外露

二、规格表：

产品主要技术参数

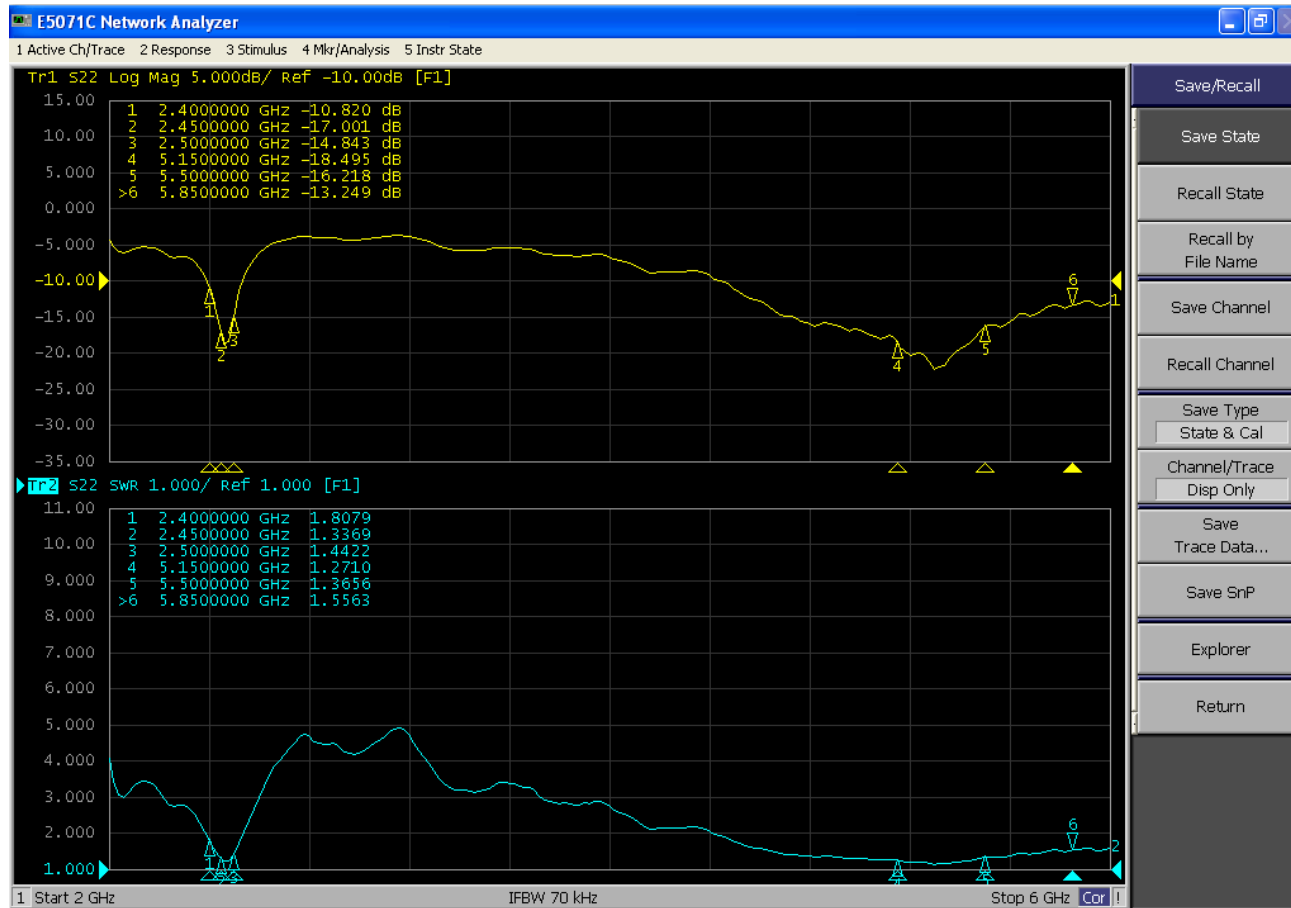
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500 5150-5850	Frequency Range (MHZ)	2400-2500 5150-5850
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	2.4G:4.58 5G:4.12	Peak Gain(dBi)	2.4G:4.58 5G:4.12
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
极化方式	交叉极化	Polarization	Cross
方向性	全向性	Radiation	Omni-directional
连接方式	端子	Connector Type	MHF Plug
物理性能		Physical Properties	
天线外套材料	FPC	Antenna cover	PI
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

三、成品图：

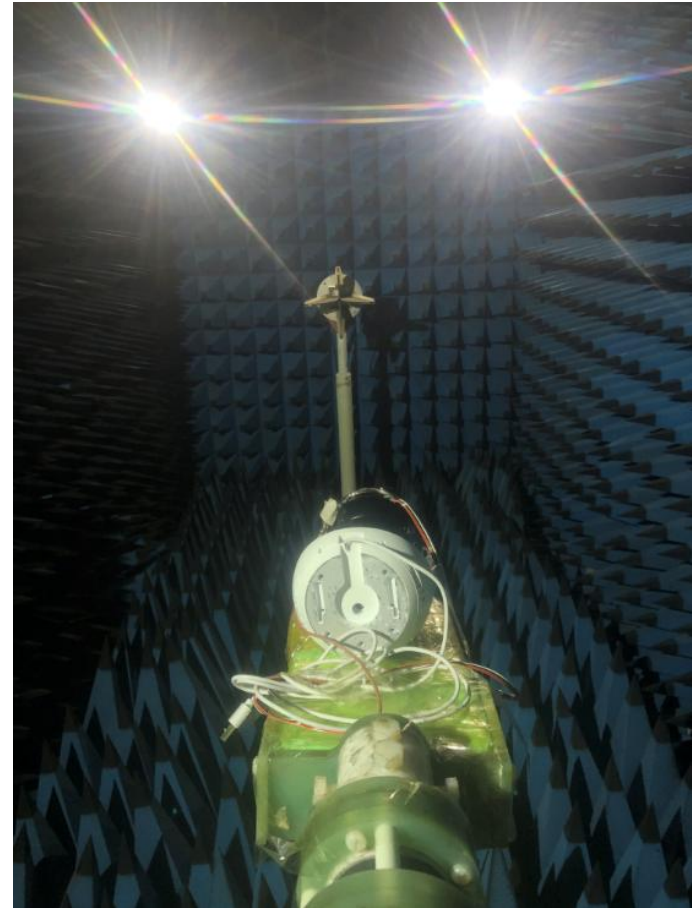
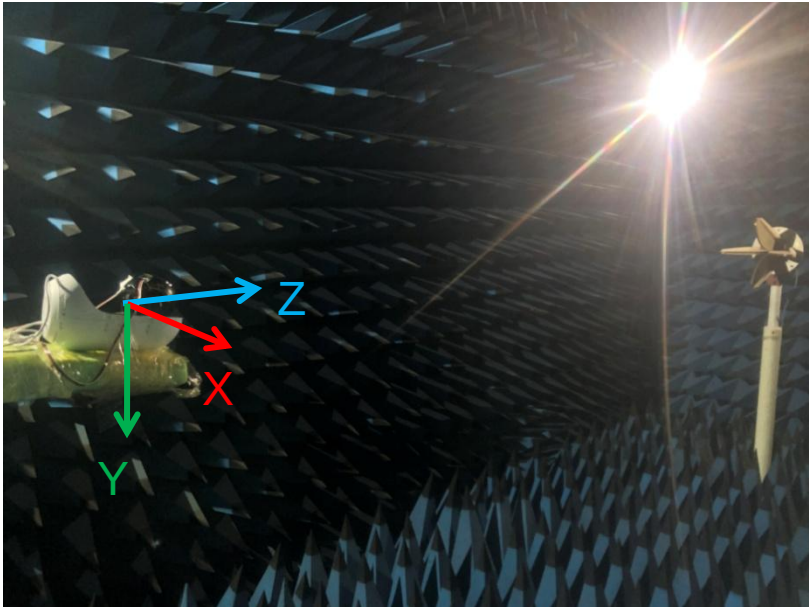


规格 Specification:
频率 Frequency Range : 2.4/5GHz

Measurement data--Return Loss & VSWR-WIFI



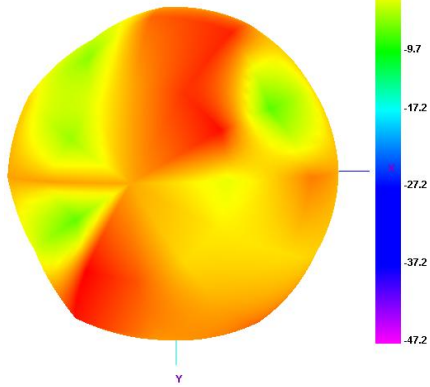
Radiation pattern



Radiation pattern

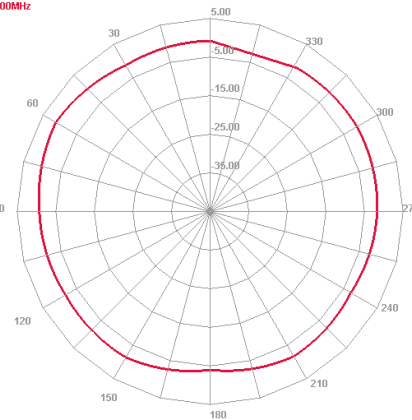
2400MHz

2400.000MHz



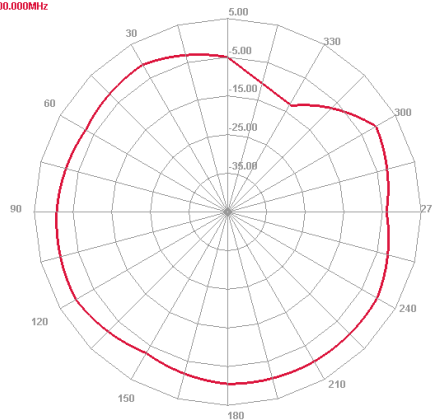
Horizontal

2400.000MHz



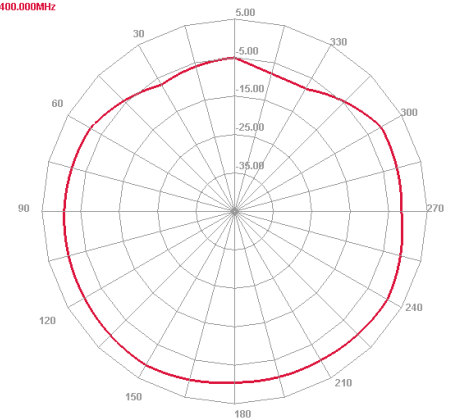
E1 Face

2400.000MHz



E2 Face

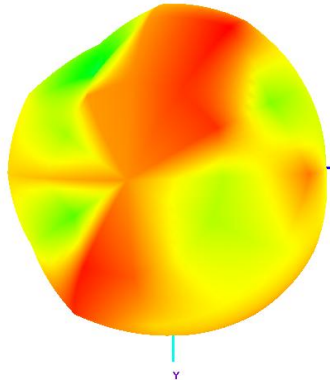
2400.000MHz



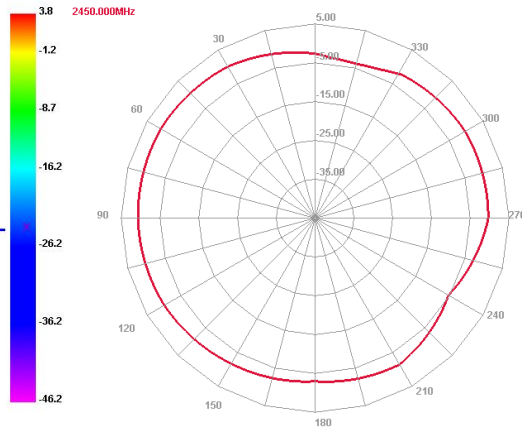
Radiation pattern

2450MHz

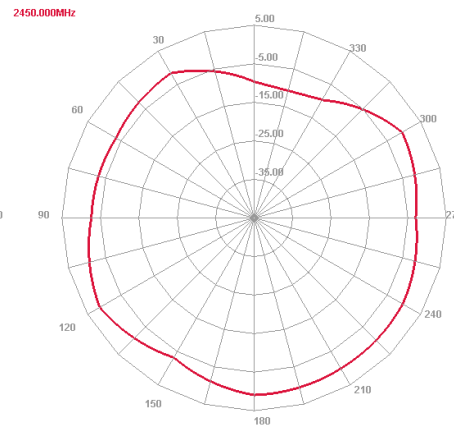
2450.000MHz



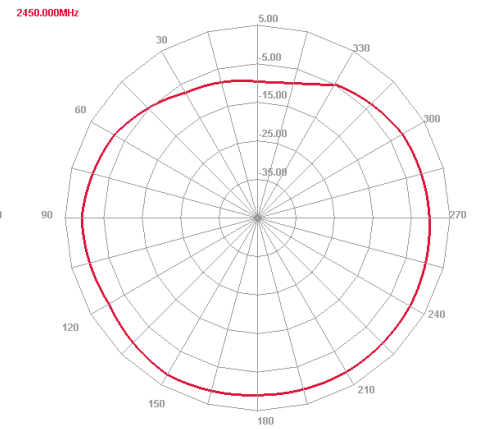
Horizontal



E1 Face

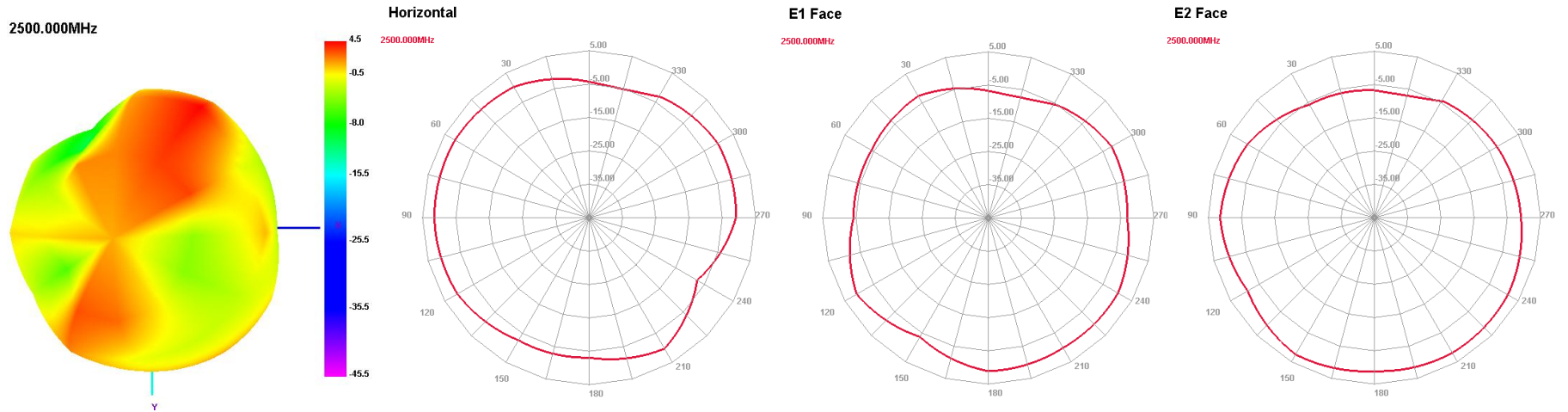


E2 Face

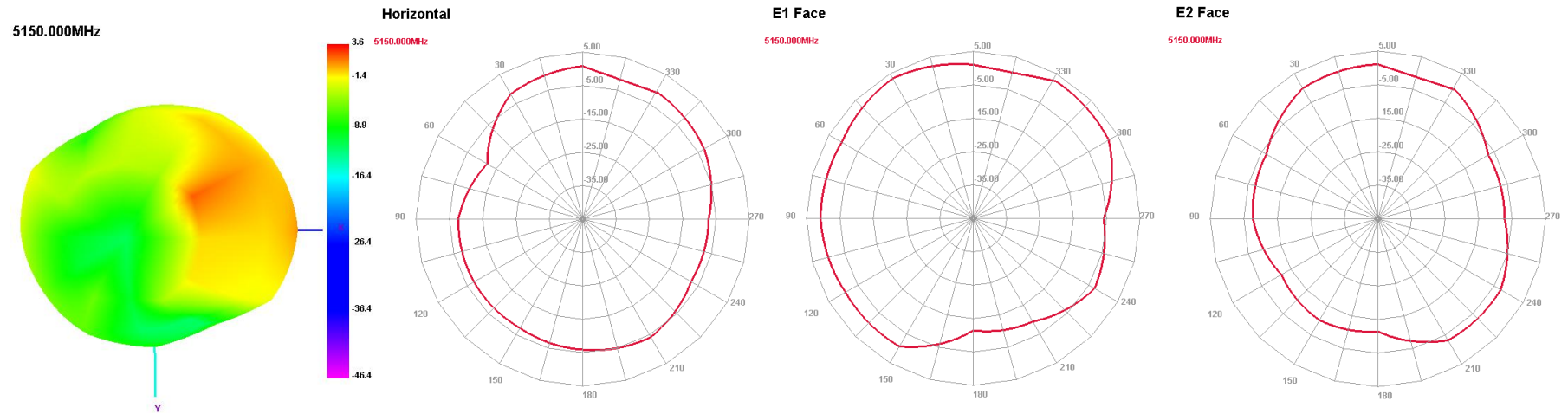


Radiation pattern

2500MHz



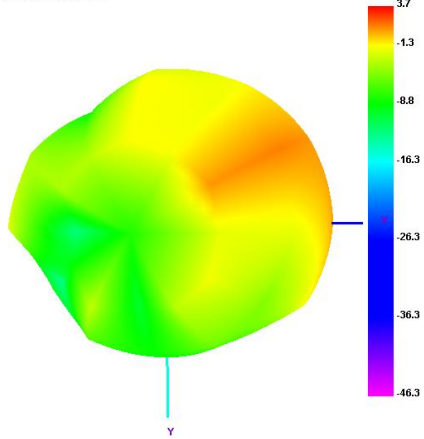
5150MHz



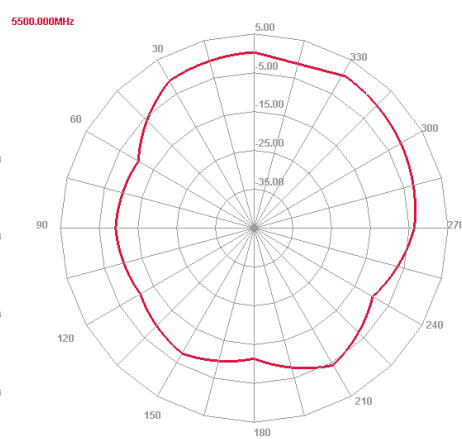
Radiation pattern

5500MHz

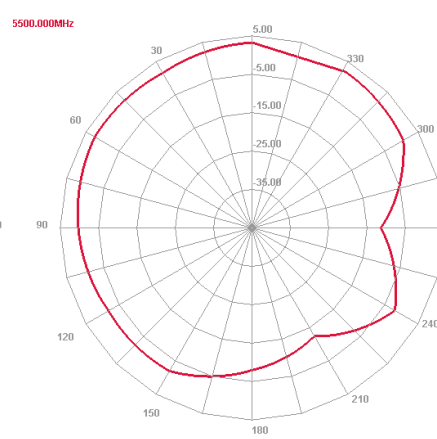
5500.000MHz



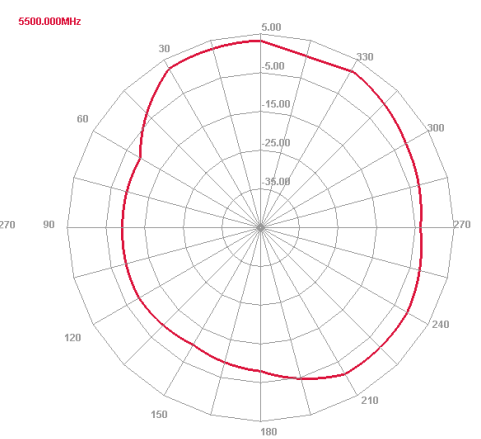
Horizontal



E1 Face

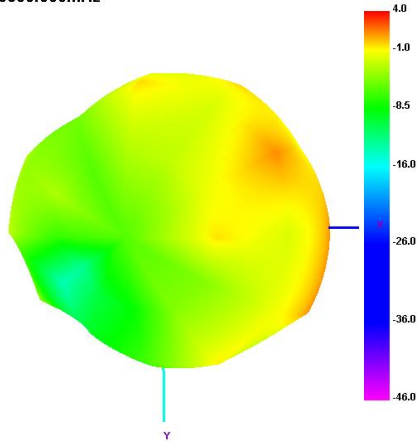


E2 Face

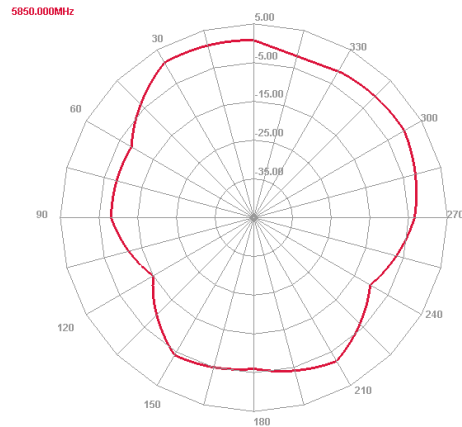


5850MHz

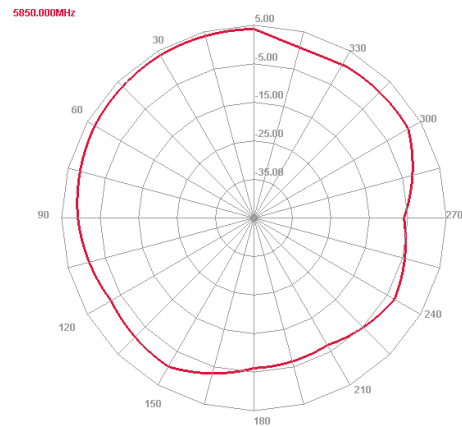
5850.000MHz



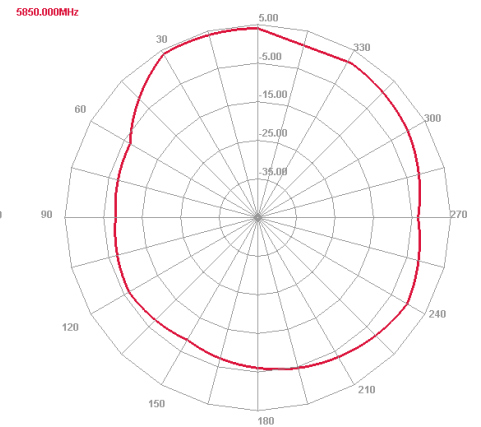
Horizontal



E1 Face



E2 Face



Gain table of Antenna

Freq (MHz)	Effi (%)	Gain (dBi)
2400	65.61	2.76
2410	68.83	2.84
2420	67.62	2.85
2430	70.94	3.31
2440	71.78	3.71
2450	70.3	3.75
2460	70.65	3.89
2470	70.96	4.13
2480	71.42	4.32
2490	73.23	4.58
2500	69.88	4.52

Freq (MHz)	Effi (%)	Gain (dBi)
5150	69.31	3.62
5200	67.21	3.77
5250	69.41	4.12
5300	66.08	3.76
5350	69.28	3.91
5400	65.55	3.43
5450	70.71	4.07
5500	68.43	3.74
5550	69.1	3.85
5600	67.02	3.48
5650	69.17	3.55
5700	71.02	3.5
5750	70.66	3.55
5800	72.81	3.85
5850	72.99	3.99