



福州市瀚宇正达电子有限公司

Word Easy Electronics Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 2024/03/12

Date

编号 24031201

File No

版本 1.0

Revision

客 户

CUSTOMER: _____

客户料号

S563

CUSTOMER NO: _____

品 名

WIFI Antenna L=72mm MHF

PART NAME: _____

供方料号

WE007N.F0136.V01

SUPPLIER NO: _____

送样日期Date:

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

Hunter

Luo

Liu

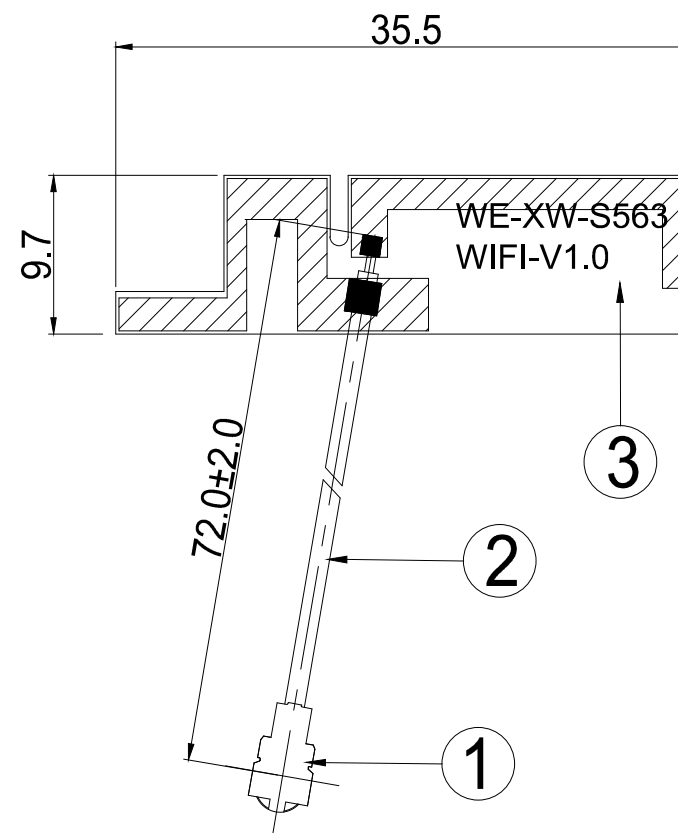
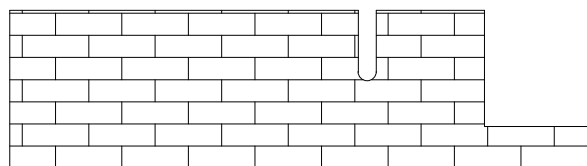
WE-RD-F01-A



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12	-	-	-

RoHS

Compatible



3	FPCB	35.5*9.7*T0.4MM	FPCB	FPC0326.V01	1
2	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	CAB0113.V02	1
1	Mini Connector	Au Plated 1	Cu	MET0XD1.V01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



福州市瀚宇正达电子有限公司

World Easy Electronics Co.,Ltd.

Tel :0591-22628085

Fax:0591-22627656

PART NAME: WIFI Antenna L=72mm MHF

PART NO.: WE007N.F0136.V01

DATE: 2023-06-06

APPROVED BY

CHECKED BY

DESIGNED BY



UNITS: mm

SCALE: 1/1

REVISION: A

Tolerance

X.X ±0.50

X.XX±0.15

X° ±3°



天线规格

Antenna Specification

Electrical Properties

Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	<1.5
Return Loss	<-15dB
Radiation	Omni-directional
Gain (Peak)	3.3dBi
Polarization	Linear
Connector	1I-PEX

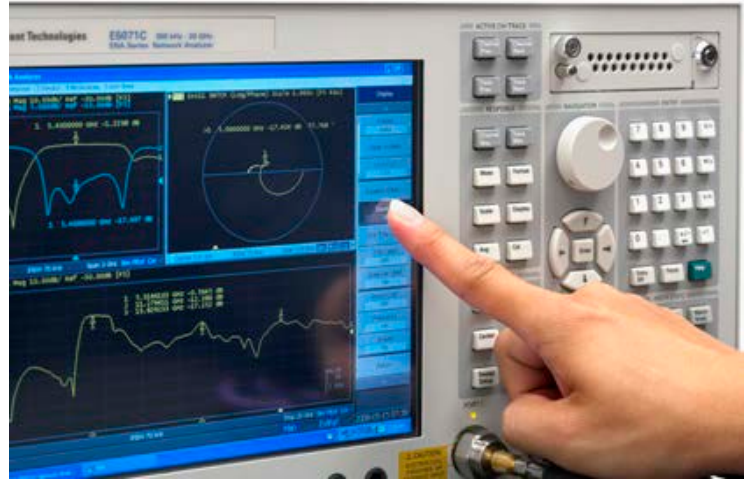
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=72mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

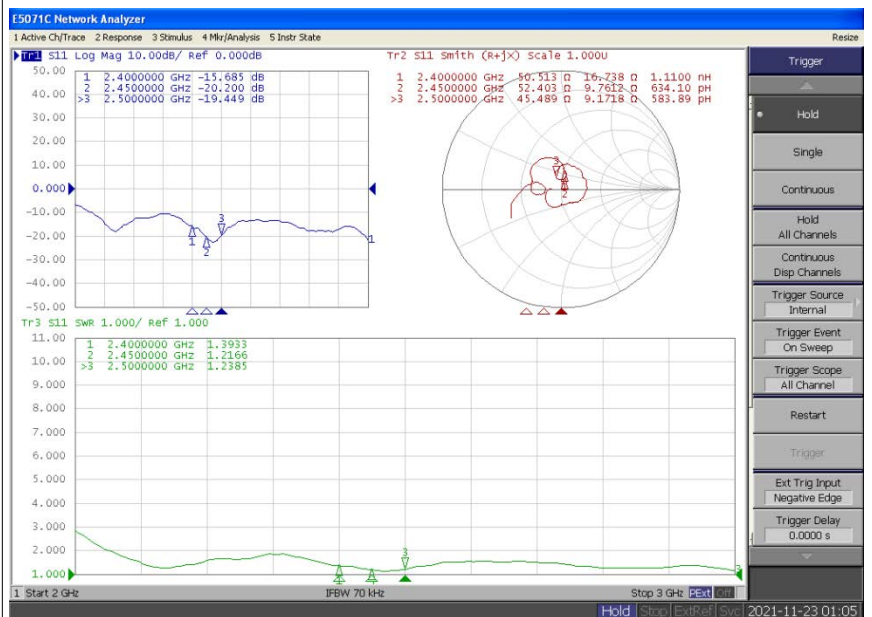


Antenna Performance Test

**Agilent
E5071C**

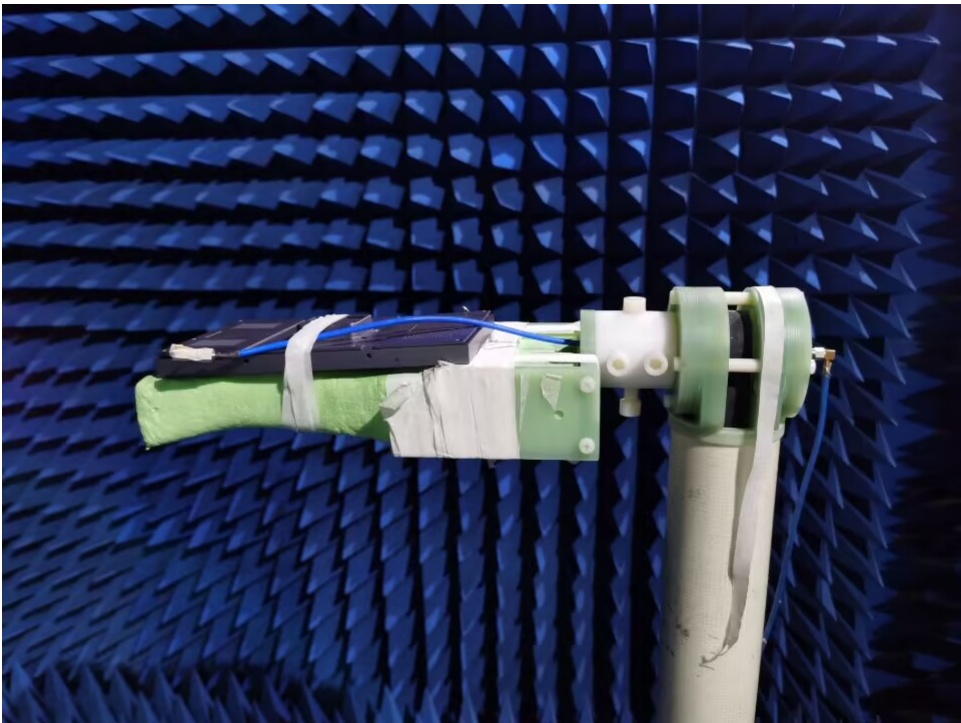
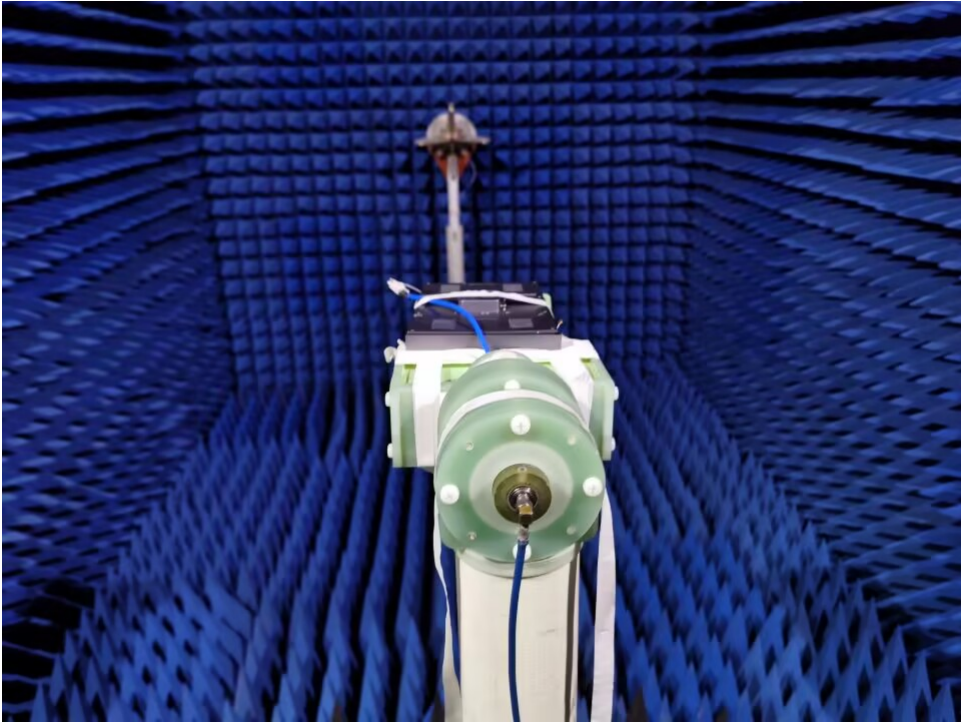


**S
Parameter
Test //
WIFI**





Antenna Passive Test



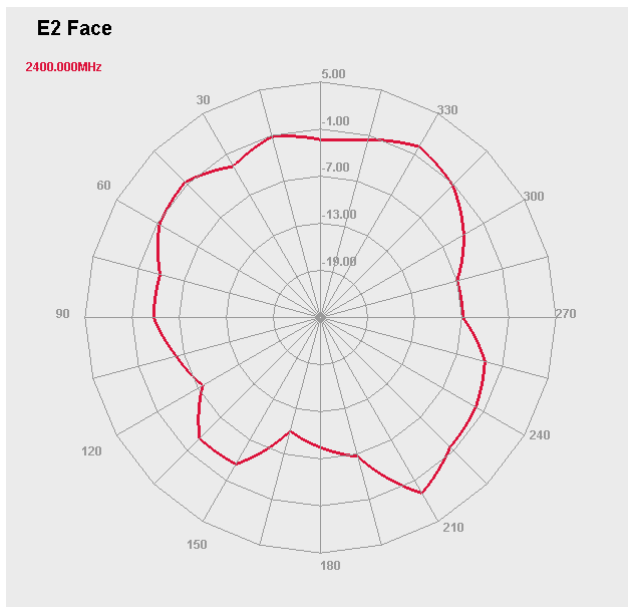
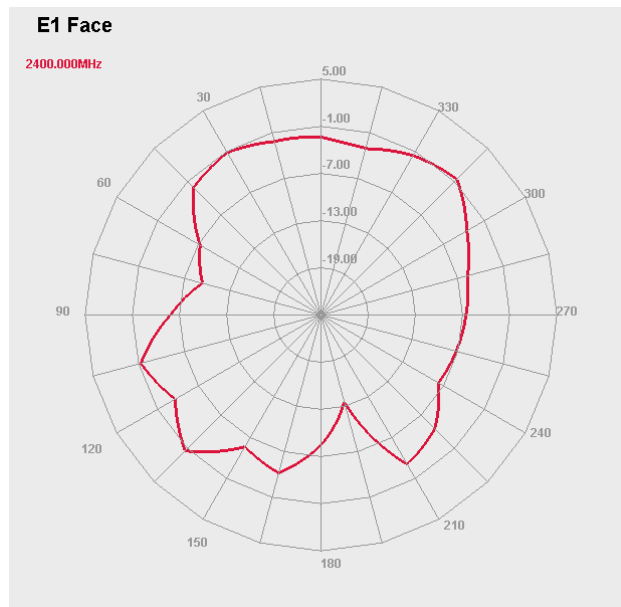
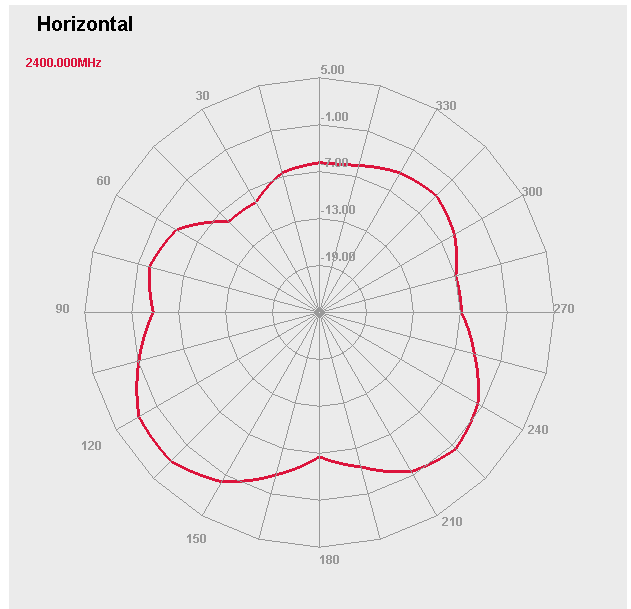
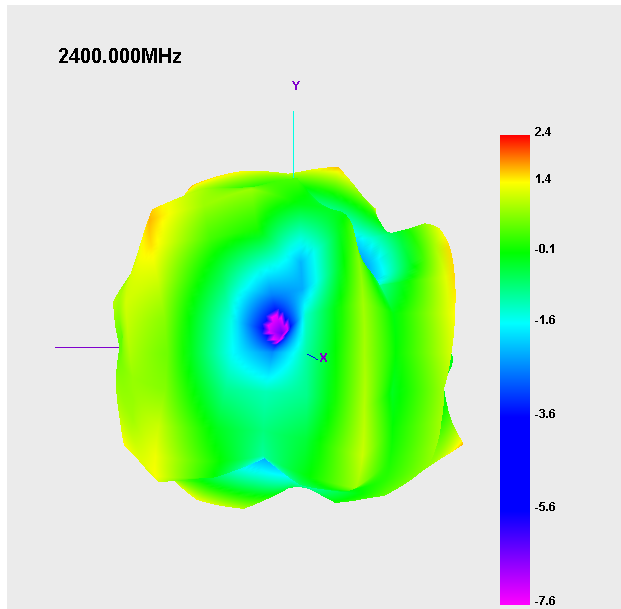


Passive Test For WIIF

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	59.1	-2.3	2.4
2410	55.1	-2.6	2.3
2420	54.6	-2.6	2.5
2430	51.2	-2.9	2.4
2440	53.2	-2.7	2.7
2450	54.0	-2.7	2.7
2460	56.8	-2.5	2.9
2470	55.2	-2.6	2.8
2480	58.4	-2.3	3.1
2490	59.7	-2.2	3.3
2500	60.5	-2.2	3.3

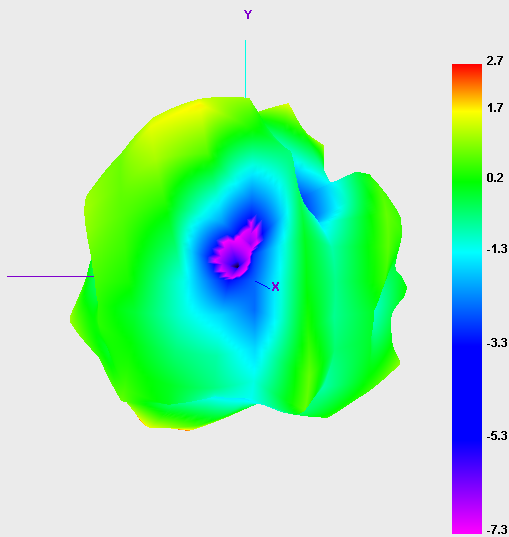


Antenna Radiation Pattern



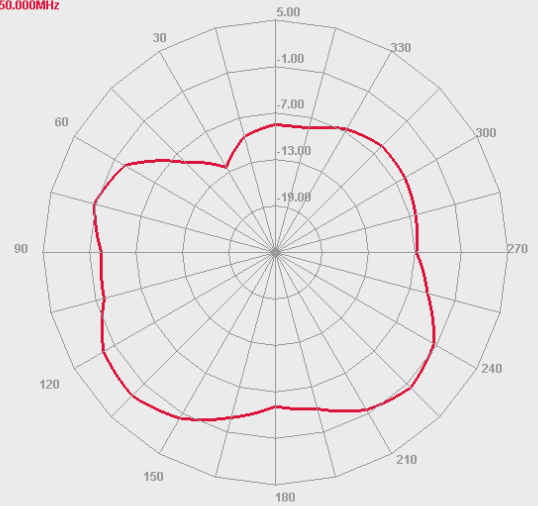


2450.000MHz



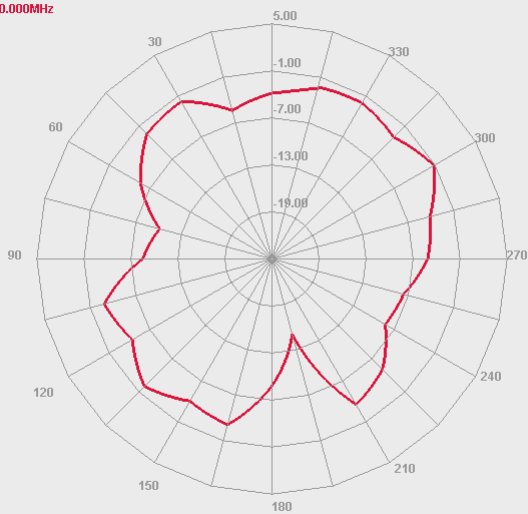
Horizontal

2450.000MHz



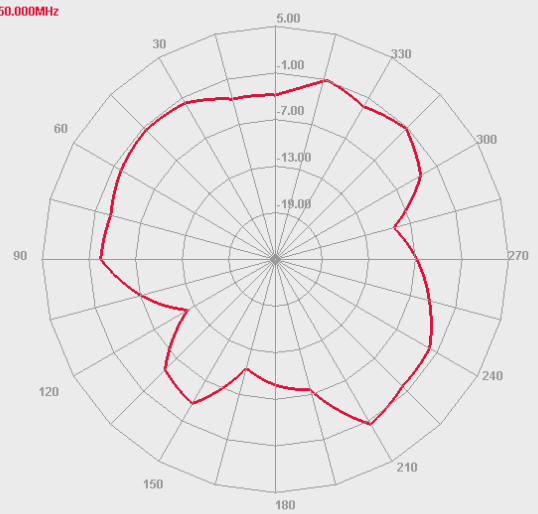
E1 Face

2450.000MHz



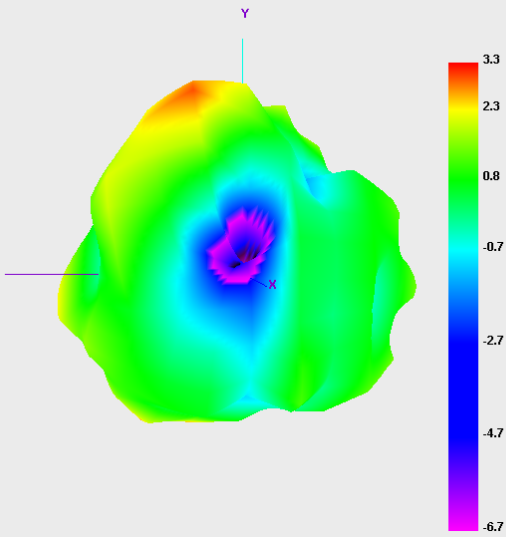
E2 Face

2450.000MHz



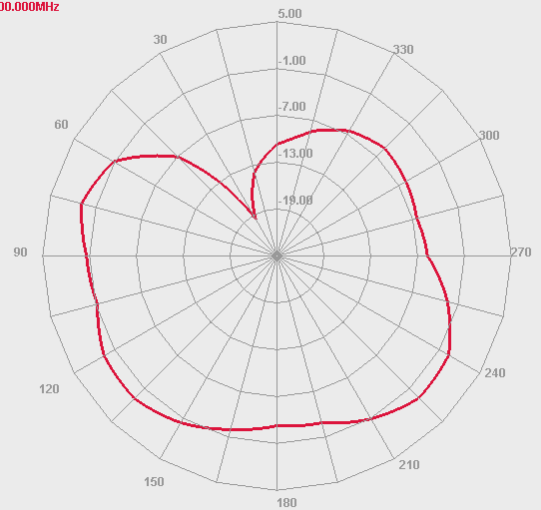


2500.000MHz



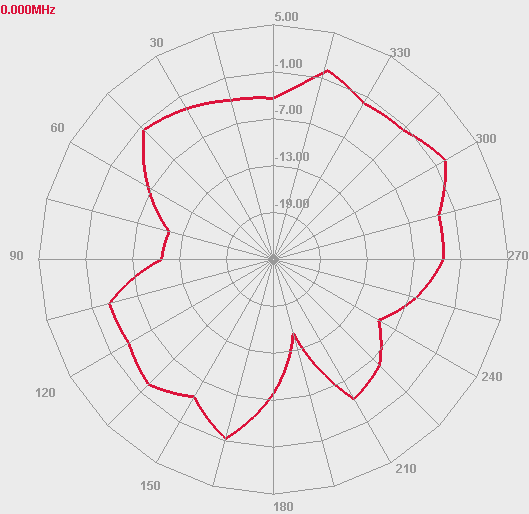
Horizontal

2500.000MHz



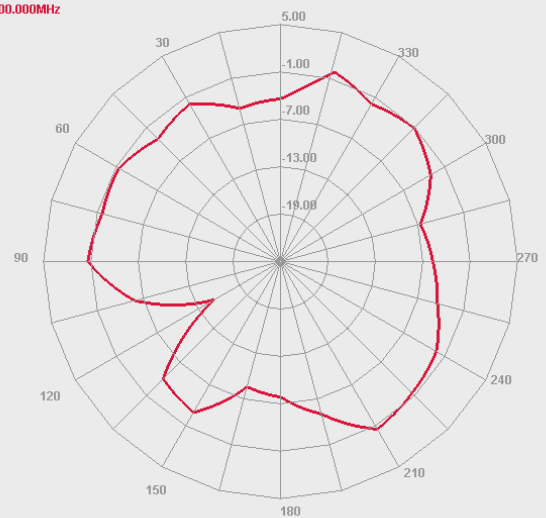
E1 Face

2500.000MHz



E2 Face

2500.000MHz





Antenna Profile

Device



*Antenna
WIFI*





Assembly Drawing

WIFI Antenna

