



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 2023/10/07

Date

编号 23100701

File No

版本 1.0

Revision

客 户

CUSTOMER: _____

客户料号

S532

CUSTOMER NO: _____

品 名

2.4G Antenna L=52mm MHF

PART NAME: _____

供方料号

WE007N.F0142.V01

SUPPLIER NO: _____

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

工程专用章
Hunter

Luo

Liu

WE-RD-F01-A

Add: Fuzhou Cangshan District Panyu Road 869 Jinshan Industrial Zone Fuwan Park standard
factory building 15 second floor



天线规格

Antenna Specification

Electrical Properties

Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 1.6
Return Loss	≤ -13
Radiation	Omni-directional
Gain (Peak)	2dBi
Polarization	Linear
Connector	1 I-PEX

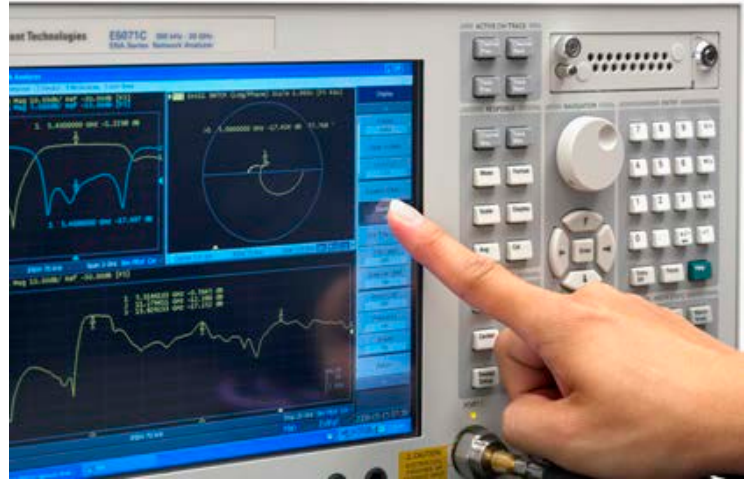
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=52mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

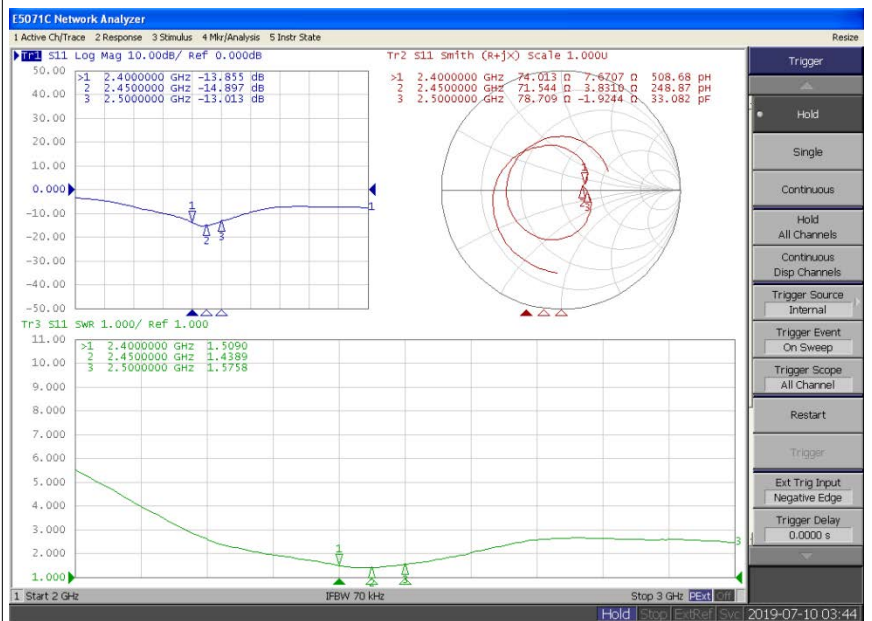


Antenna Performance Test

**Agilent
E5071C**



**S
Parameter
Test //
2.4G**





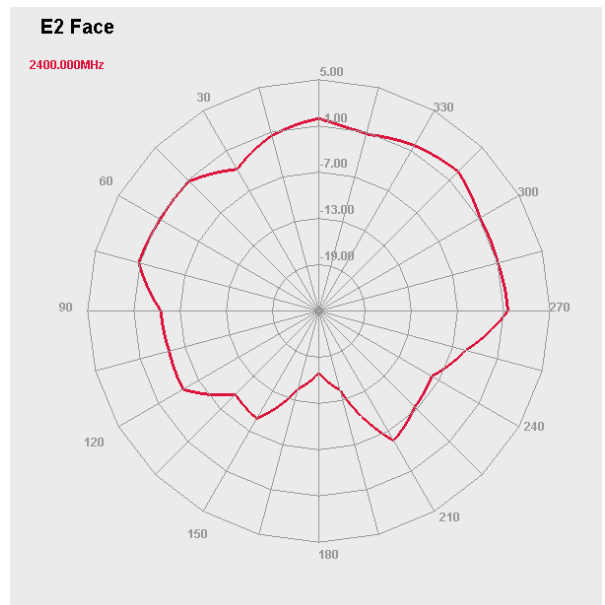
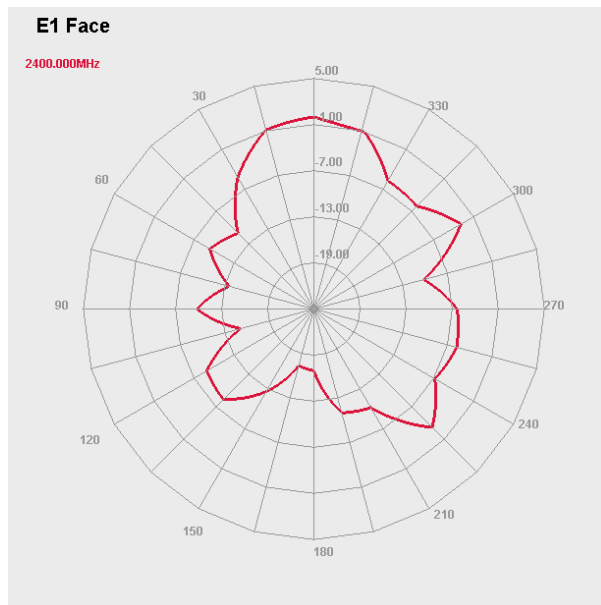
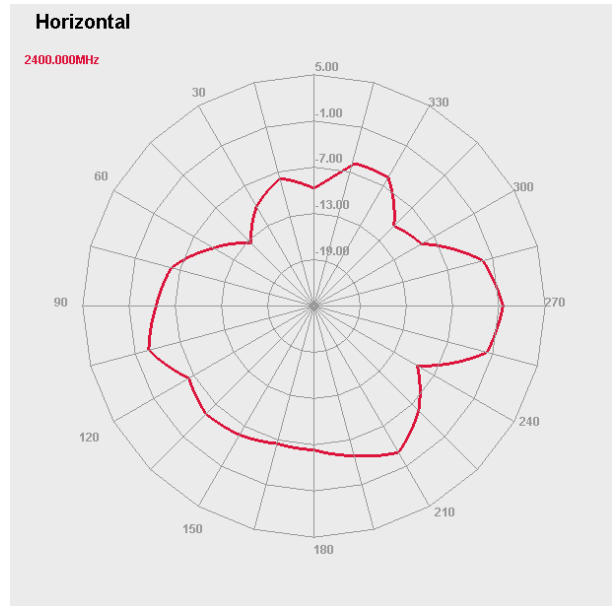
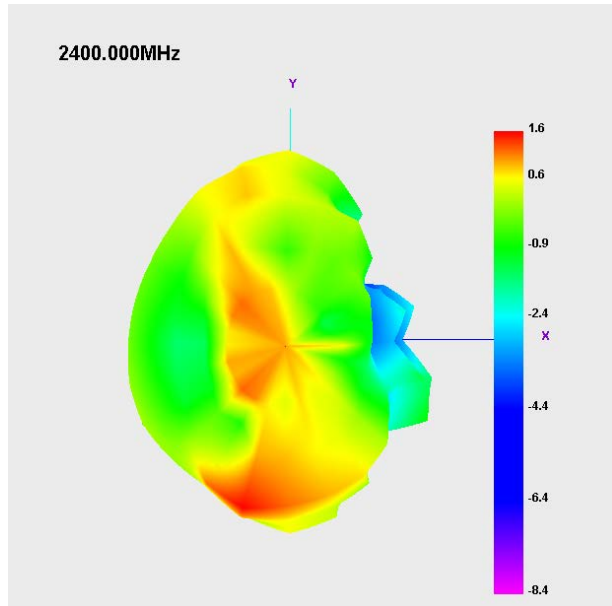
Antenna Passive Test

Passive Test For 2.4G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	33.3	-4.8	1.6
2410	31.6	-5.0	1.3
2420	32.0	-5.0	1.3
2430	29.2	-5.4	0.8
2440	31.4	-5.0	1.3
2450	31.0	-5.1	1.3
2460	34.5	-4.6	2.0
2470	30.8	-5.1	1.4
2480	34.1	-4.7	1.9
2490	32.6	-4.9	1.4
2500	34.1	-4.7	1.9

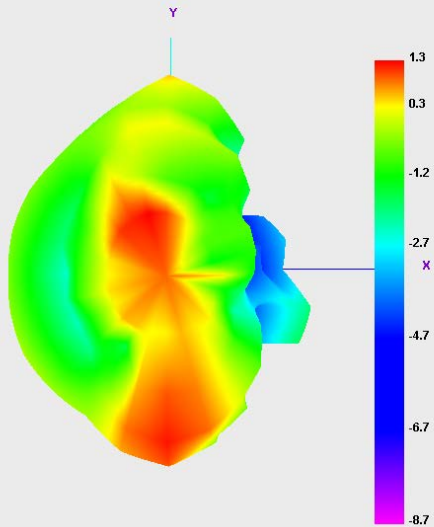


Antenna Radiation Pattern



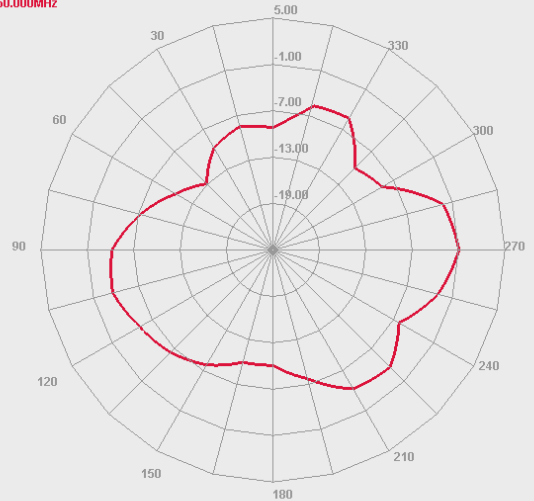


2450.000MHz



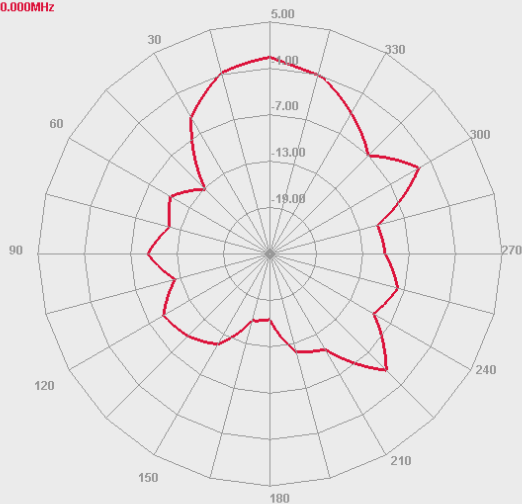
Horizontal

2450.000MHz



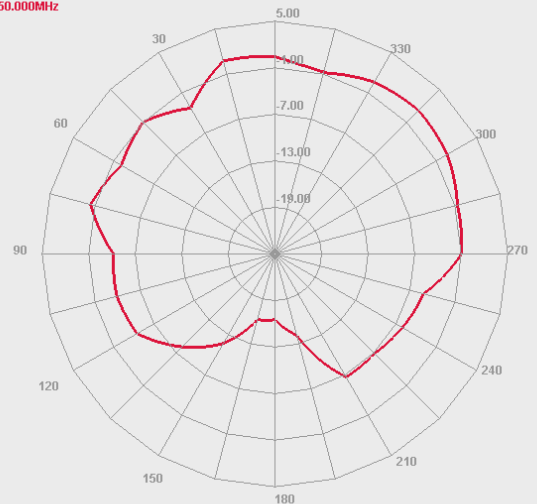
E1 Face

2450.000MHz



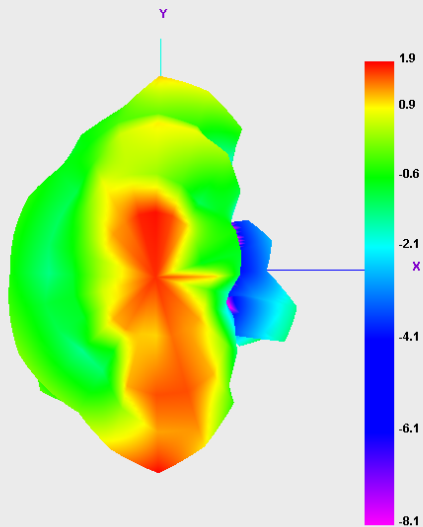
E2 Face

2450.000MHz



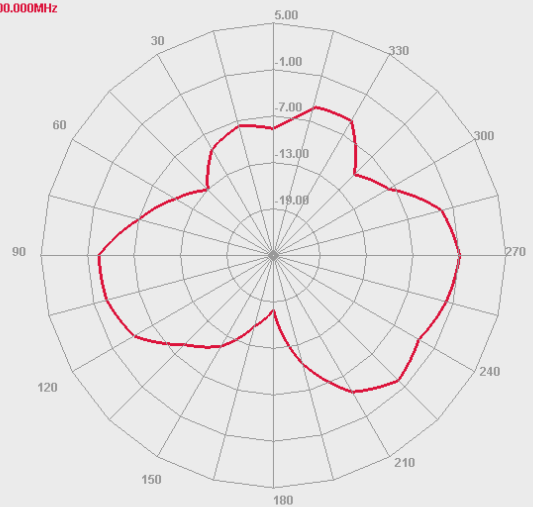


2500.000MHz



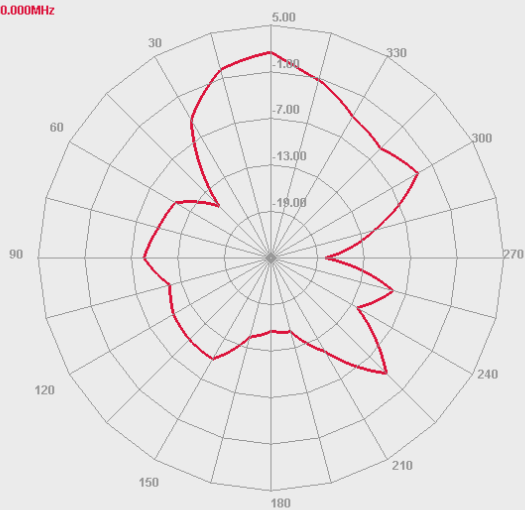
Horizontal

2500.000MHz



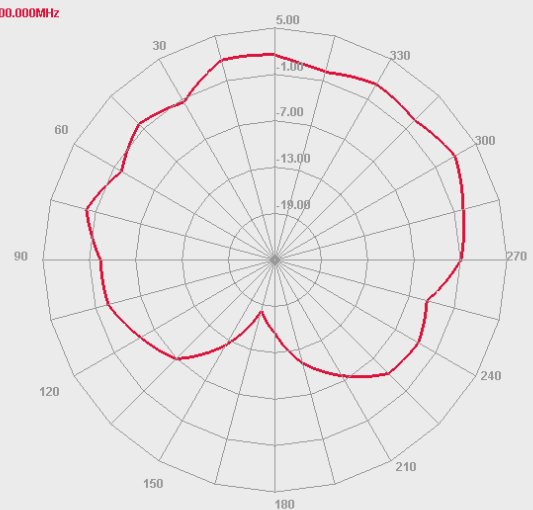
E1 Face

2500.000MHz



E2 Face

2500.000MHz





Sample Photo

