



WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)
 DONGGUAN AEON TECH CO.,LTD.(CHINA)
 SUZHOU AEON TECH CO.,LTD.(CHINA)
 AEON TECH (SHANGHAI) CO.,LTD(CHINA)
 DONGGUAN PARNER TECH CO.,LTD.(CHINA)



SPECIFICATION FOR APPROVAL

CUSTOMER: 中磊電子股份有限公司

PART NAME: RF Antenna Cable Assembly

PART NO.: 6172018DWY

REVISION:

W. Y. P/NO.: C147-540457-A(SSR-81088)

REV.: X2

| | MANUFACTURER SIGNATURE | CUSTOMER SIGNATURE |
|------------------|--|-----------------------|
| APPROVED BY : | 周東生  | |
| DATE : | 3/108  | |

WHA YU GROUP

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RF Antenna Cable Assembly

Specification

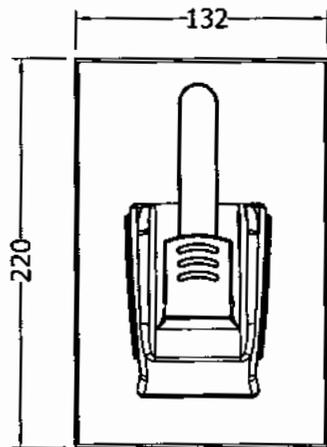
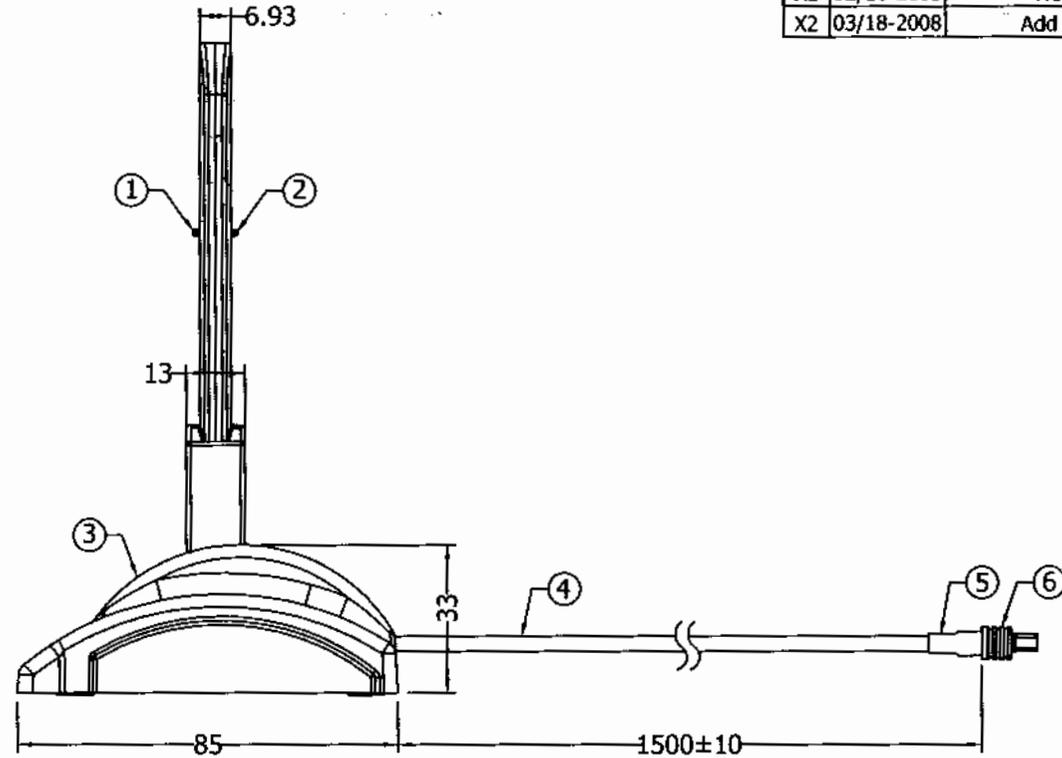
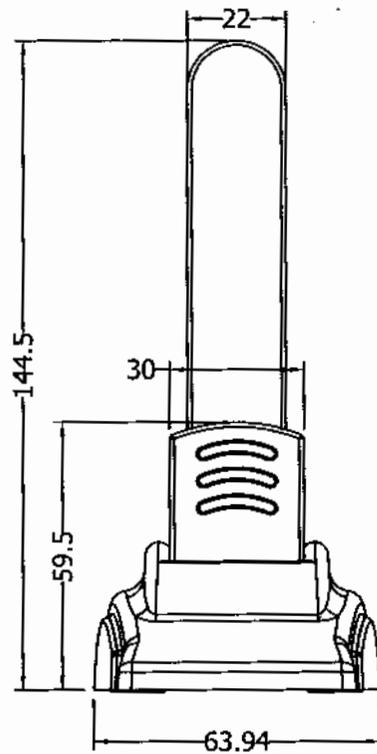
1. Electrical Properties :

- 1.1 Frequency Range.....2.4GHz ~ 2.5GHz /4.9GHz ~ 5.825GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR1.92 : 1 Max.
- 1.4 Return Loss.....-10 dB Max.
- 1.5 RadiationOmni-directional
- 1.6 Gain(peak).....3.0dBi (2.4GHz ~ 2.5GHz)
5.0dBi (4.9GHz ~ 5.825GHz)
- 1.7 Cable Loss.....2.2dB Max.(2.4GHz ~ 2.5GHz)
4.0dB Max.(4.9GHz ~ 5.825GHz)
- 1.8 Polarization.....Linear; Vertical
- 1.9 Admitted Power..... 1W
- 1.10 Cable.....CBL-101 Coaxial Cable
- 1.11 Connector.....MCX Plug Reverse

2. Physical Properties :

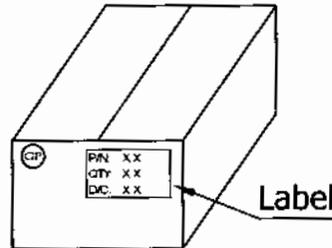
- 2.1 Antenna Housing(L).....ABS
- 2.2 Antenna Housing(R).....ABS
- 2.3 Antenna Fixed Base.....TPU
- 2.4 Antenna Fixed Base.....PC
- 2.5 Operating Temp.-10°C ~ +60°C
- 2.6 Storage Temp.-10°C ~ +70°C
- 2.7 Color White

| REV | DATE | DESCRIPTION |
|-----|------------|-------------|
| X1 | 02/16-2008 | New Issue |
| X2 | 03/18-2008 | Add PART NO |



Packing : 1 PCS/BOX

White Box



Label

GP標籤貼於外箱兩側左上角共2PCS
標示Label貼於外箱兩側側面共2PCS

| NO | DESCRIPTION | QTY | REMARK |
|----|--------------------------------------|-----|--------|
| 6 | Connector MCX Plug Reverse | 1 | |
| 5 | H.S Tube Heat Shrink Tube | 1 | |
| 4 | Cable CBL-101 Cable, White | 1 | |
| 3 | Antenna Fixed Base PC, Color: White | 1 | |
| 2 | Antenna Housing(R) ABS, Color: White | 1 | |
| 1 | Antenna Housing(L) ABS, Color: White | 1 | |

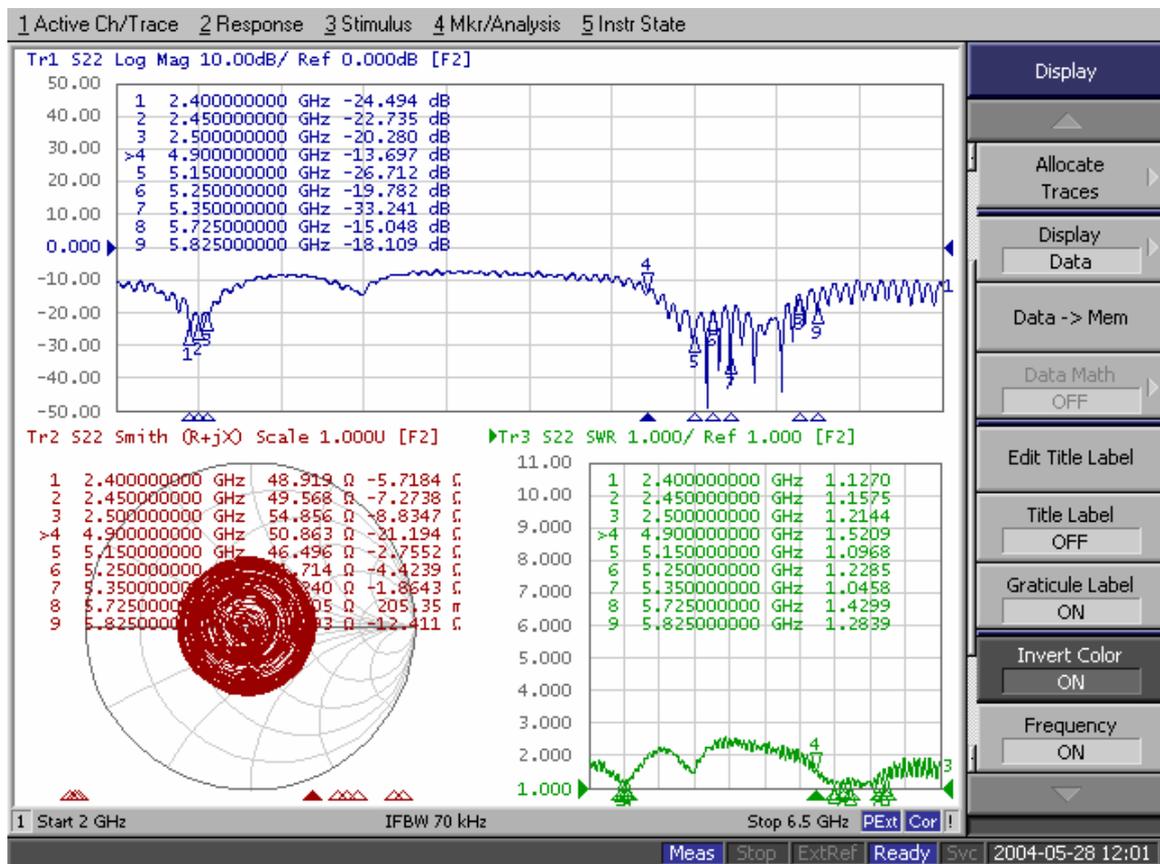
| | | | | | |
|----------------------|--|-----------|----------|------------|---------------------------|
| CUSTOMER'S SIGNATURE | | XX. ±5.0 | APPROVED | CUSTOMER: | 中 磊 |
| | | X. ±3.0 | 周東生 | PART NO : | 6172018DWY |
| | | .X ±1.0 | CHECKED | PART NAME: | RF Antenna Cable Assembly |
| | | .XX ±0.5 | | W.Y P/NO : | C147-540457-A |
| | | .XXX ±0.1 | DRAWING | REV | UNIT |
| | | | 鄒孟倫 | X2 | mm |
| | | | | FILE : | SSR-81088 |
| | | | | SHEET : | 1/1 |

M.gear Wha Yu Group

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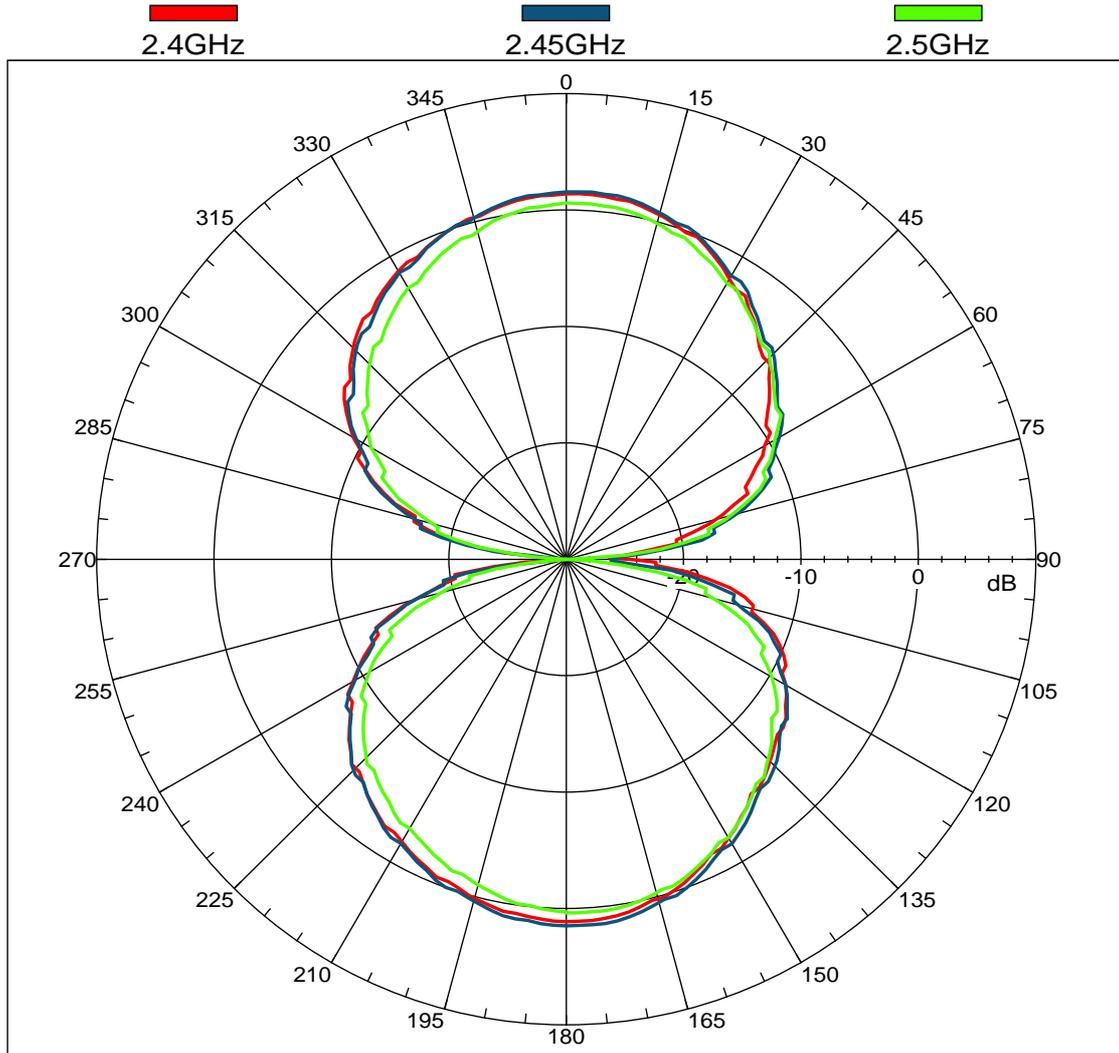


C147-540457-A



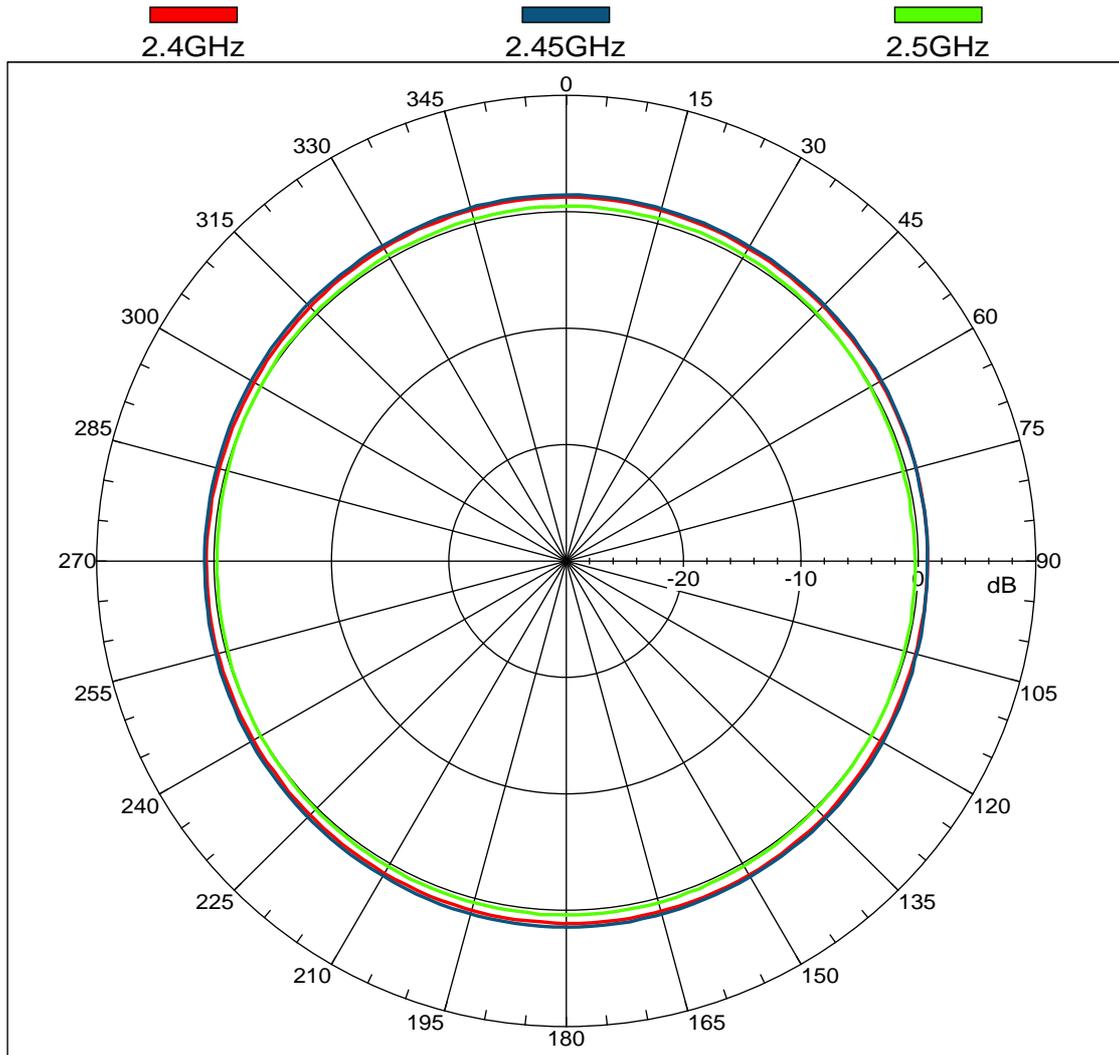
Vertical Plane Co-Polarization Patterns

C147-540457-A



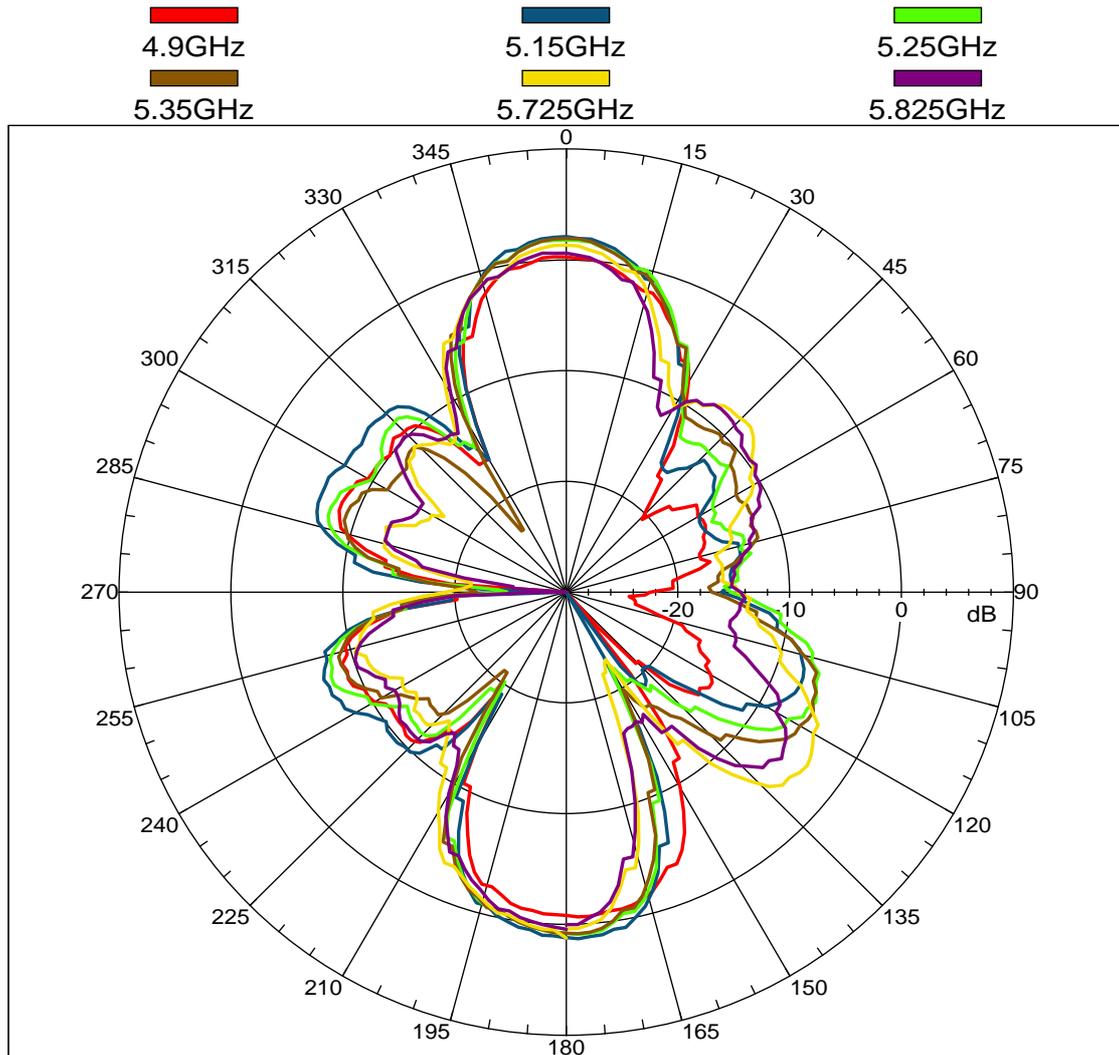
Horizontal Plane Co-Polarization Patterns

C147-540457-A



Vertical Plane Co-Polarization Patterns

C147-540457-A



Horizontal Plane Co-Polarization Patterns

C147-540457-A

