



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.:

REVISION:

W. Y. P/NO.: C147-510461-A(SSR-81017)

REV.: XI

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :	周東生	
DATE :	3/16/08	

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RF Antenna Cable Assembly

Specification

1. Electrical Properties :

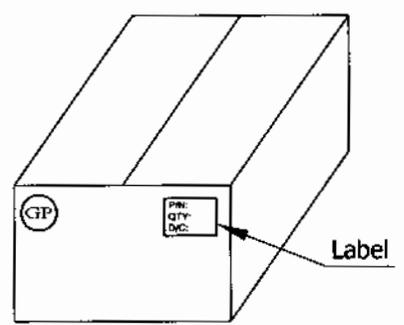
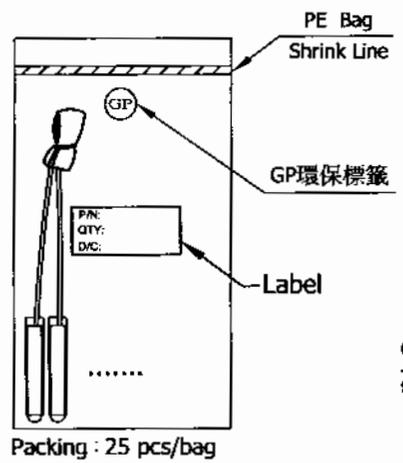
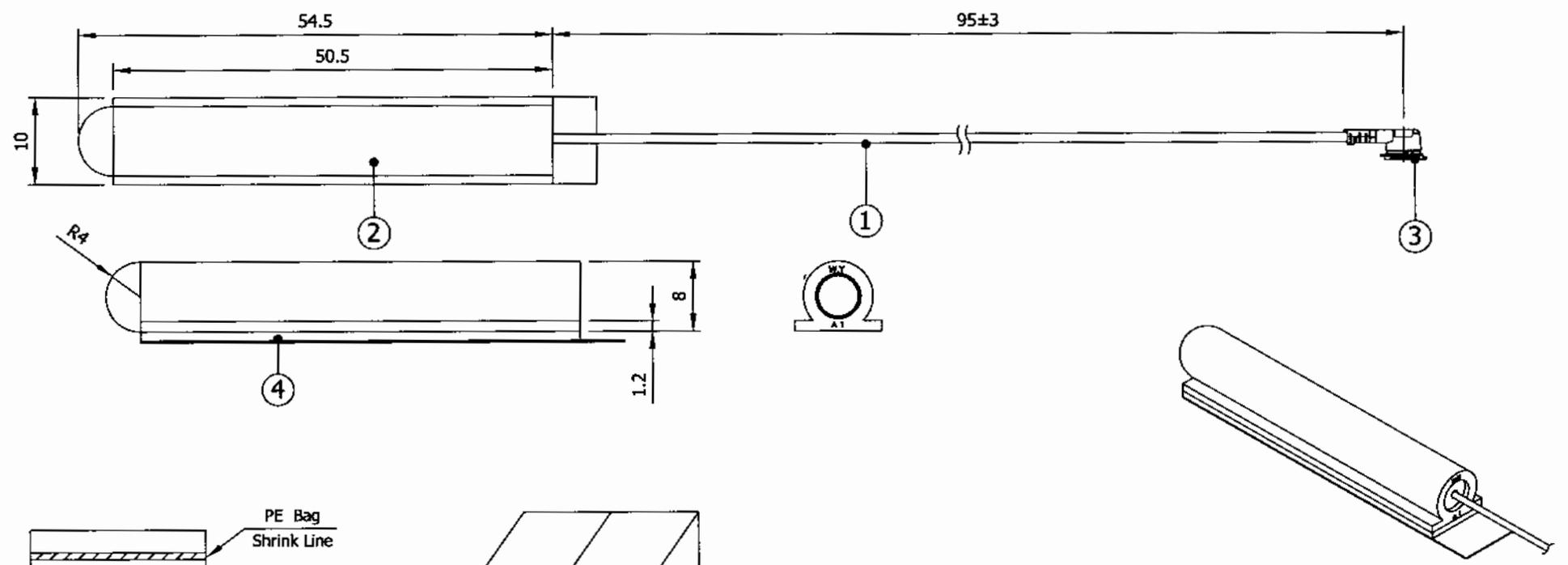
- 1.1 Frequency Range.....2.4GHz ~ 2.5GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR1.92:1 Max.
- 1.4 Return Loss.....-10 dB Max.
- 1.5 RadiationOmni-directional
- 1.6 Gain(peak).....1.8dBi (excluding cable loss)
- 1.7 Cable Loss..... 0.3dB Max.
- 1.8 Polarization.....Linear ; Vertical
- 1.9 Admitted Power..... 1W
- 1.10 Cable.....RG-178 Coaxial Cable
- 1.11 Connector.....HRS

2. Physical Properties :

- 2.1 Antenna Cover.....ABS+PC□□
- 2.2 Operating Temp.-10°C ~ +60°C
- 2.3 Storage Temp.-10°C ~ +70°C
- 2.4 Color White

CG-

REV	DATE	DESCRIPTION
X1	3/21-2008	New Issue



GP標籤貼於外箱兩邊側麥左上角共
標示Label貼於外箱兩邊側麥共2PCS

NO	DESCRIPTION	QTY	REMARK
4	雙面膠 3M 4612, 1.2mm thk, W9.5*L50mm	1	
3	Connector HRS Connector	1	
2	Antenna Cap ABS+PC ; White, Du Pont LS033	1	
1	Coaxial cable ϕ 1.13 Coaxial Cable	1	

Packing : 25 pcs/bag

CUSTOMER'S SINGATURE

XX	±5	APPROVED
X	±3.0	陳連英 2008
.X	±1.0	CHECKED
.XX	±0.5	徐政銘 2008
.XXX	±0.1	DRAWING
程 淑娟		
97.3.21		

CUSTOMER: 中磊		
PART NO :		
PARTNAME: RF Antenna Cable Assembly		
W.Y P/NO : C147-510461-A		
REV	UNIT	FILE : SSR-81017
X1	m/m	SHEET : 1/1

M.gear Wha Yu Group

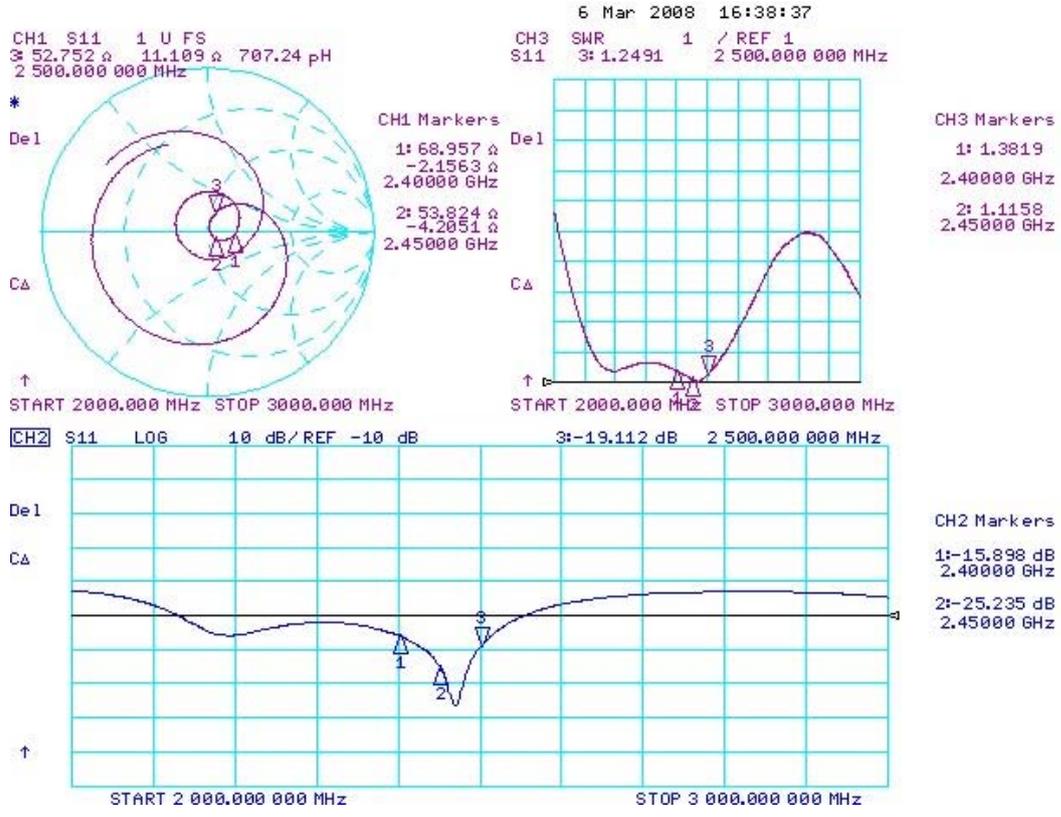
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X1 m/m

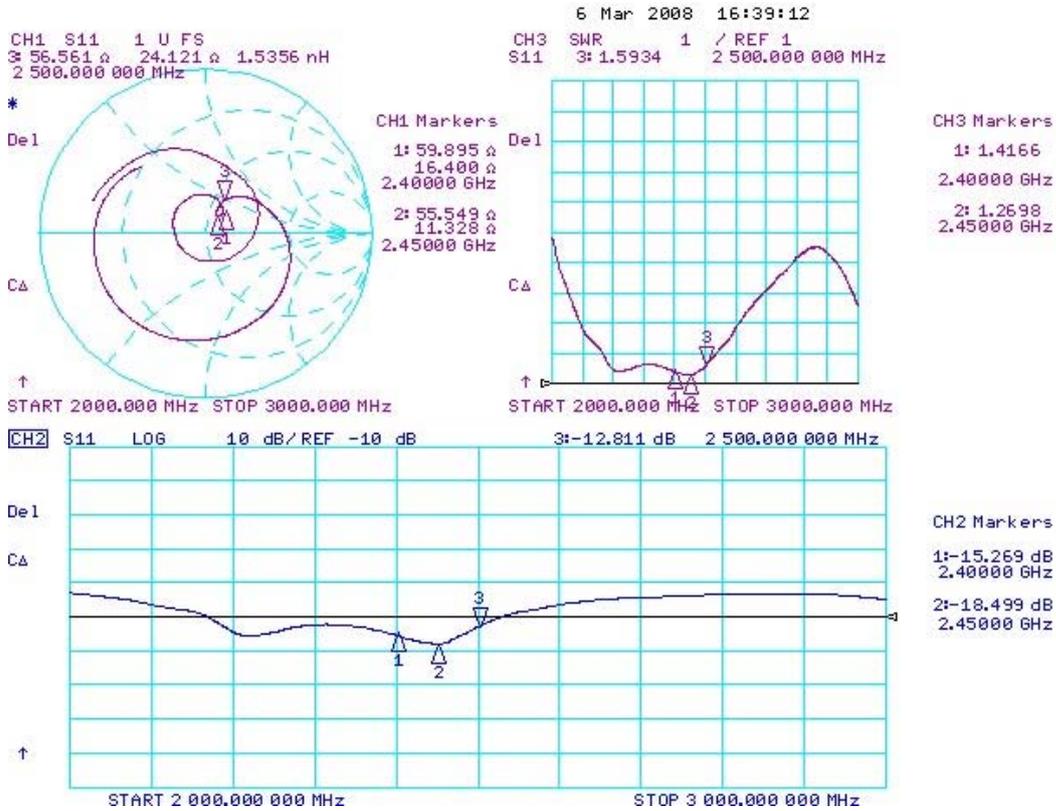
程 淑娟

1、Return Loss & VSWR & Isolation Loss

Left Antenna with PCB

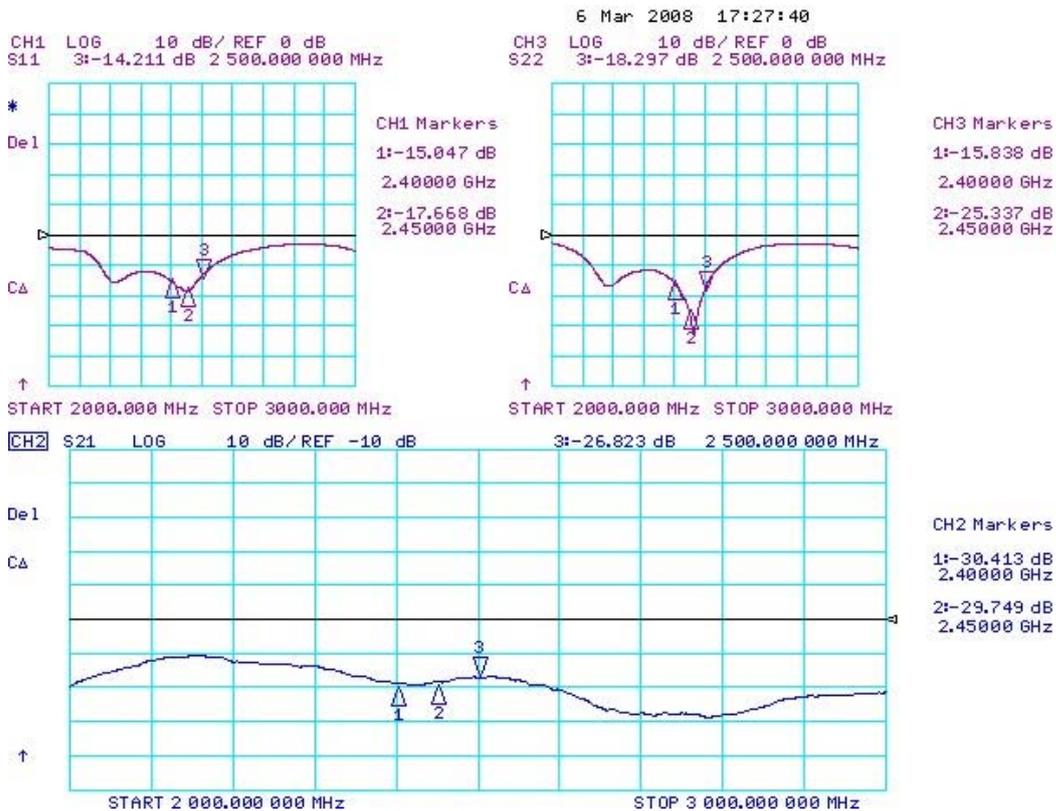


Right Antenna with PCB

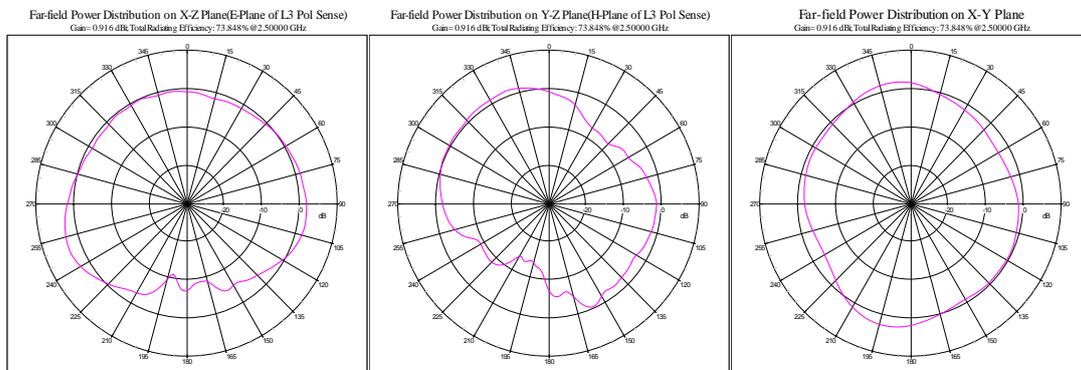
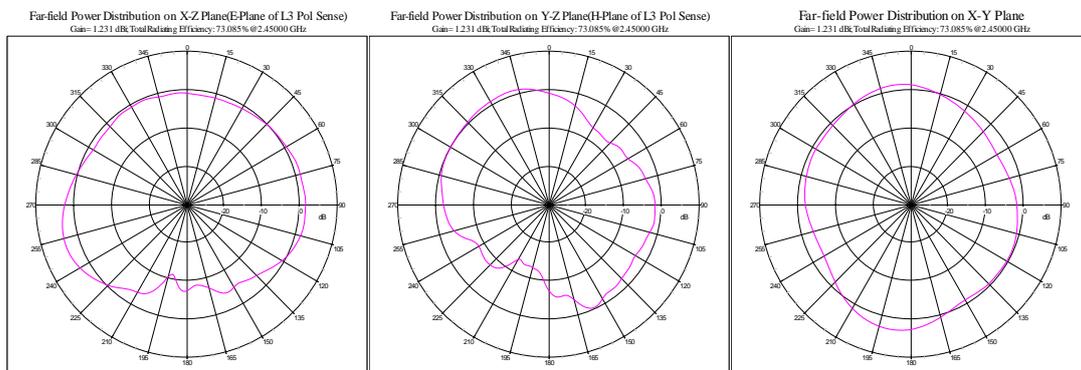
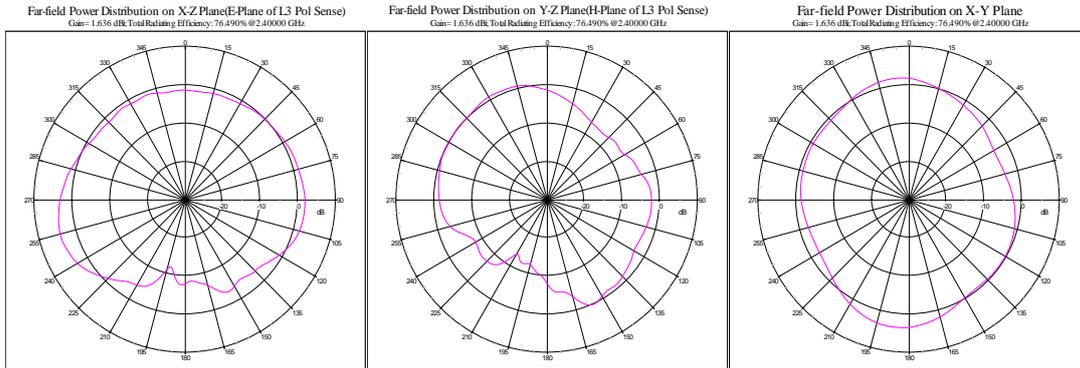


S11 : Right Antenna with PCB

S22 : Left Antenna with PCB



Left Antenna with PCB

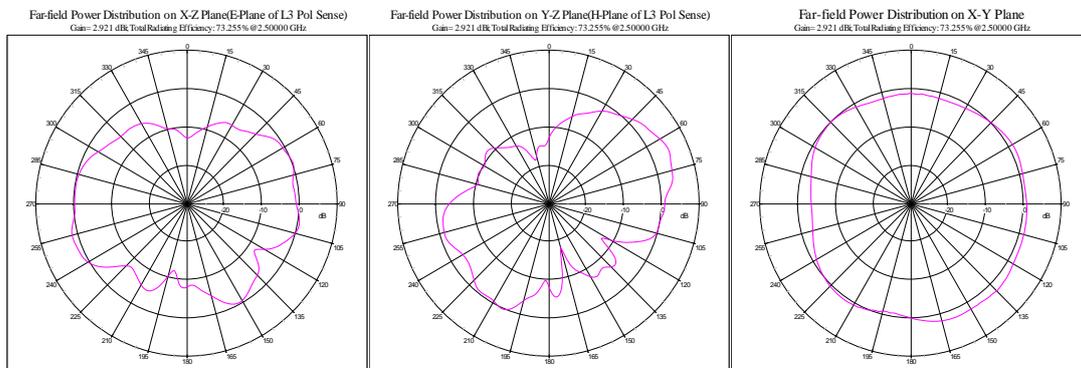
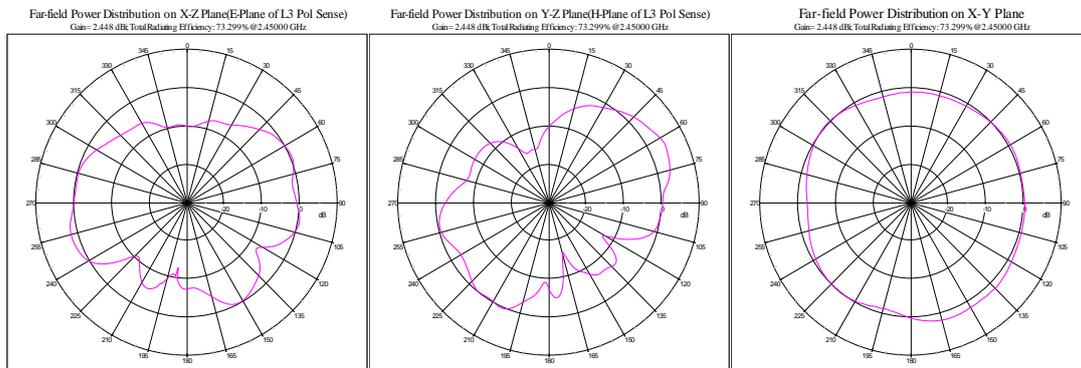
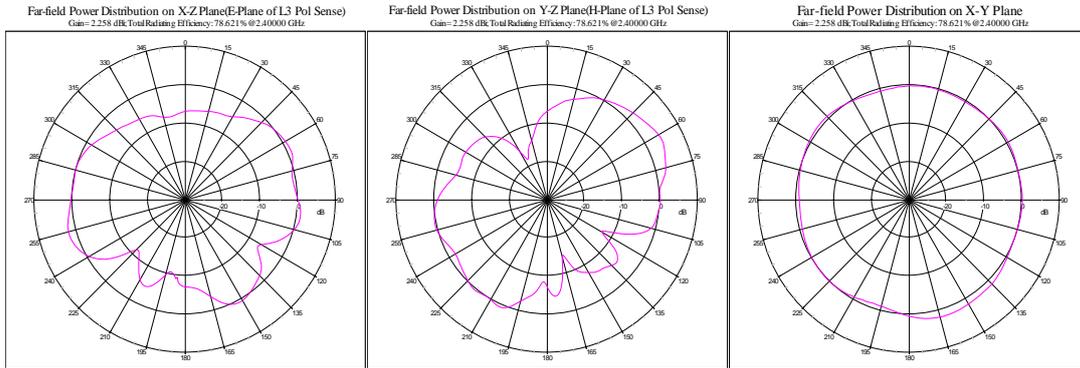


Frequency (GHz)	Gain (dBi)	Efficiency (%)
2.4	1.636	76.490
2.45	1.231	73.058
2.5	0.916	73.848

2008/3/21

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Right Antenna with PCB



Frequency (GHz)	Gain (dBi)	Efficiency (%)
2.4	2.258	78.621
2.45	2.448	73.299
2.5	2.921	73.255

2008/3/21

2008/3/21