



WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)
 DONGGUAN AEON TECH CO.,LTD.(CHINA)
 TAI HWA ELECTRONIC CO., LTD.(CHINA)
 SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)
 SU ZHOU AEON TECH CO., LTD. (CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: 中磊科技股份有限公司

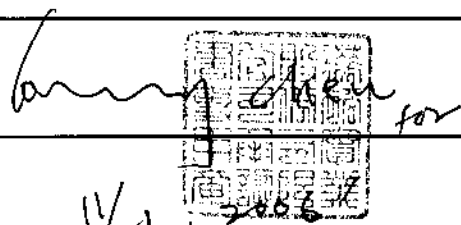
PART NAME: RF Antenna Assembly

PART NO.: 61720150WY

REVISION:

W. Y. P/NO.: C147-510297-A

REV.: XI

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :		
DATE :	11/21 / 2008	

WHA YU GROUP

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SU ZHOU AEON TECH CO., LTD. (CHINA)

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RF Antenna Cable Assembly

Specification

1. Electrical Properties :

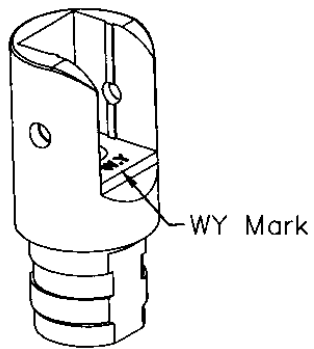
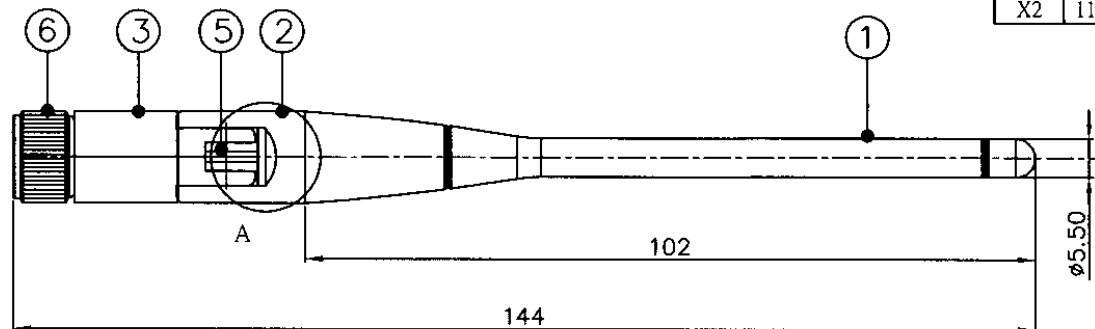
- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz (including PCB test)
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR 1.92 Max.
- 1.4 Return Loss..... -10 dB Maximum
- 1.5 Radiation Omni-directional
- 1.6 Gain(peak)..... 2dBi
- 1.7 Polarization..... Linear Vertical
- 1.8 Admitted Power..... 1W

2. Physical Properties :

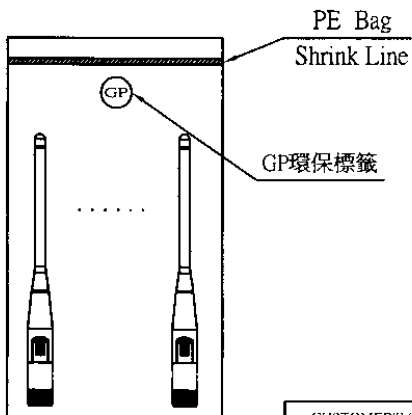
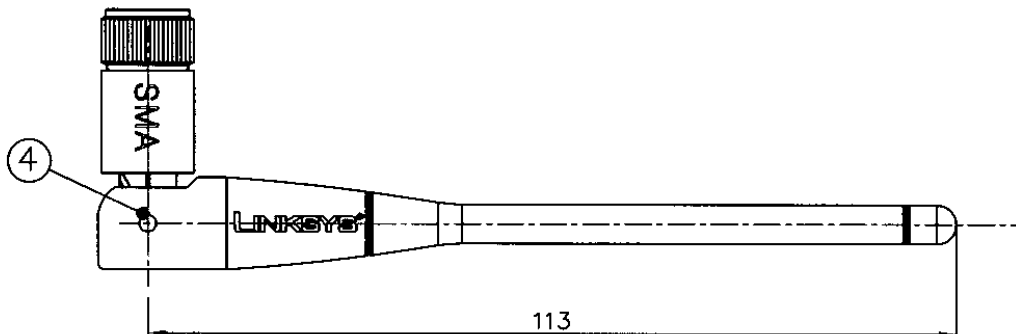
- 2.1 Cable..... RG-178 Coaxial Cable
- 2.2 Antenna Cover..... TPE
- 2.3 Antenna Base..... PC
- 2.4 Antenna Base..... PBT
- 2.5 Operating Temp. -20°C ~ +65°C
- 2.6 Storage Temp. -30°C ~ +75°C
- 2.7 Color Black
- 2.8 Connector..... SMA Plug Reverse

CG-

REV	DATE	DESCRIPTION
X1	9/19-2006	New Issue
X2	11/7-2006	變更下固定座



Detail A



Packing : 10 pcs/bag

NOTE : 1.扭力值 200~500g
2.Torsion Material : Teflon

6	Connector	SMA Plug Reverse	1	
5	Cable	RG-178 Cable	1	
4	Rivet	POM ; Color : Black	2	
3	Antenna Base	PBT ; Color : Black	1	
2	Antenna Base	PC ; Color : Black	1	
1	Antenna Cap	TPE ; Color : Black	1	
NO	DESCRIPTION		QTY	REMARK

CUSTOMER'S SINGATURE

XX	±5	APPROVED	<i>[Signature]</i>
X	±3.0	CHECKED	
X	±1.0		
XX	±0.5		<i>鄭香廷 11/06</i>
XXX	±0.1	DRAWING	
		<i>程淑娟</i>	

CUSTOMER: 中磊科技股份有限公司

PART NO :

PARTNAME: RF Antenna Assembly

W.Y P/NO : C147-510297-A

REV UNIT FILE :

X2 m/m SHEET: 1/1

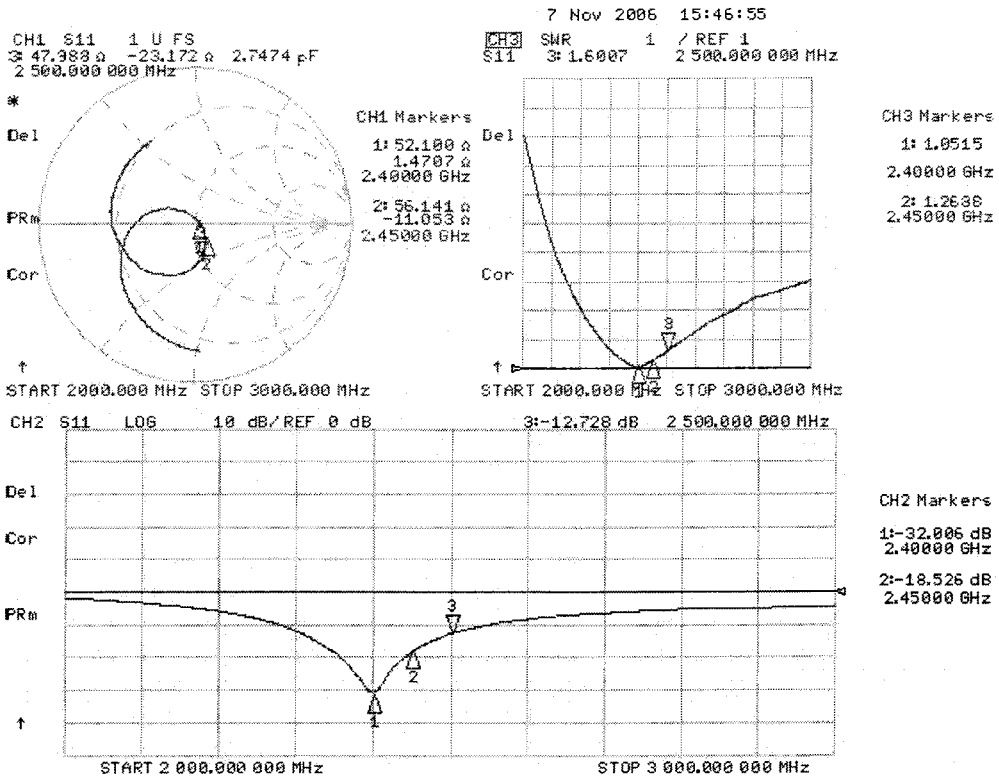
M.gear Wha Yu Group

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RF Antenna Assembly
P/NO :C147-510297-A SPEC : 2.4GHz

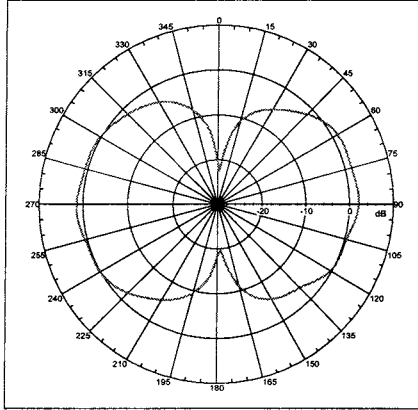
Free Space



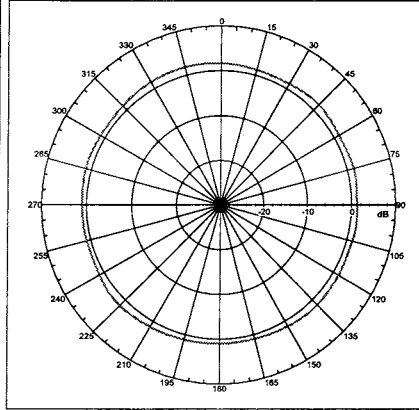


Free Space

Far-field amplitude of C147-510297-A-Free-H.nsi



Far-field amplitude of C147-510297-A-Free-V.nsi



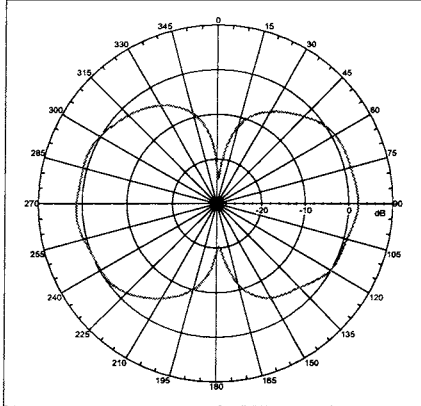
2.4GHz

Gain = 2.05262 dBi

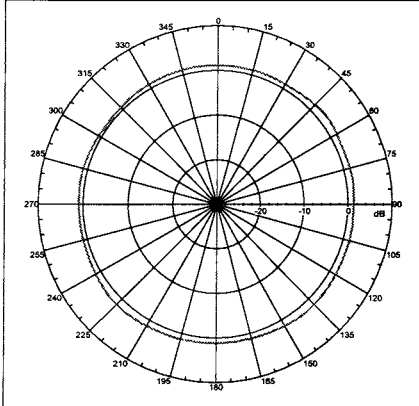
2.4GHz

Gain = 1.83679 dBi

Far-field amplitude of C147-510297-A-Free-H.nsi



Far-field amplitude of C147-510297-A-Free-V.nsi

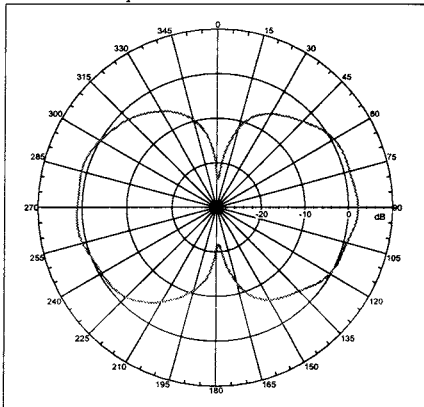


2.45GHz Gain = 2.04877 dBi

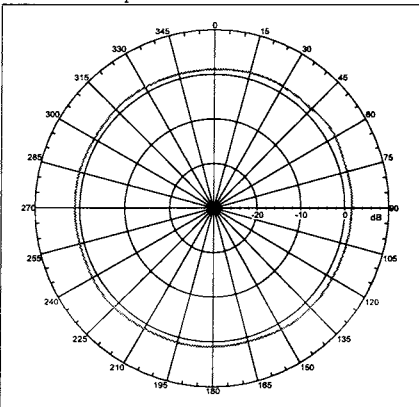
2.45GHz

Gain = 1.76917 dBi

Far-field amplitude of C147-510297-A-Free-H.nsi



Far-field amplitude of C147-510297-A-Free-V.nsi



2.5GHz

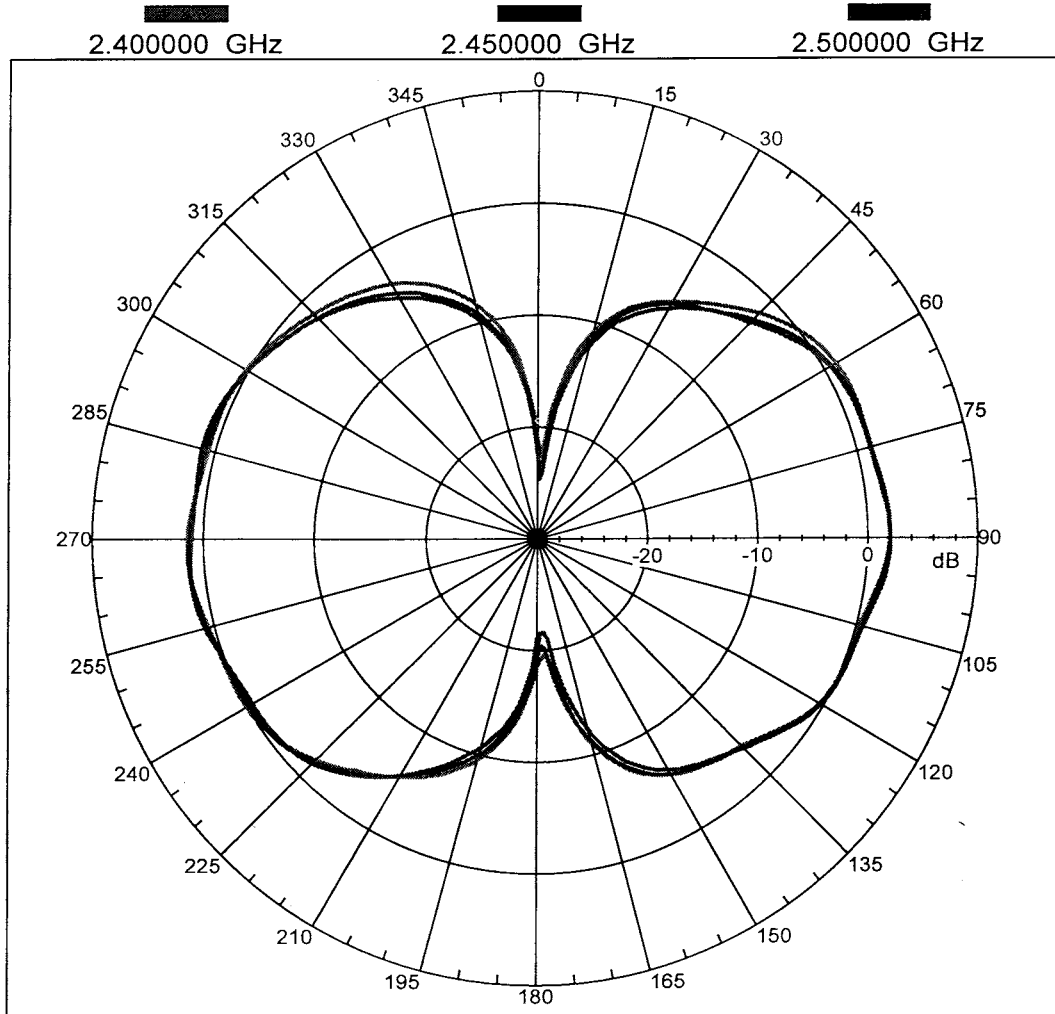
Gain = 2.09824 dBi

2.5GHz

Gain = 2.06457 dBi



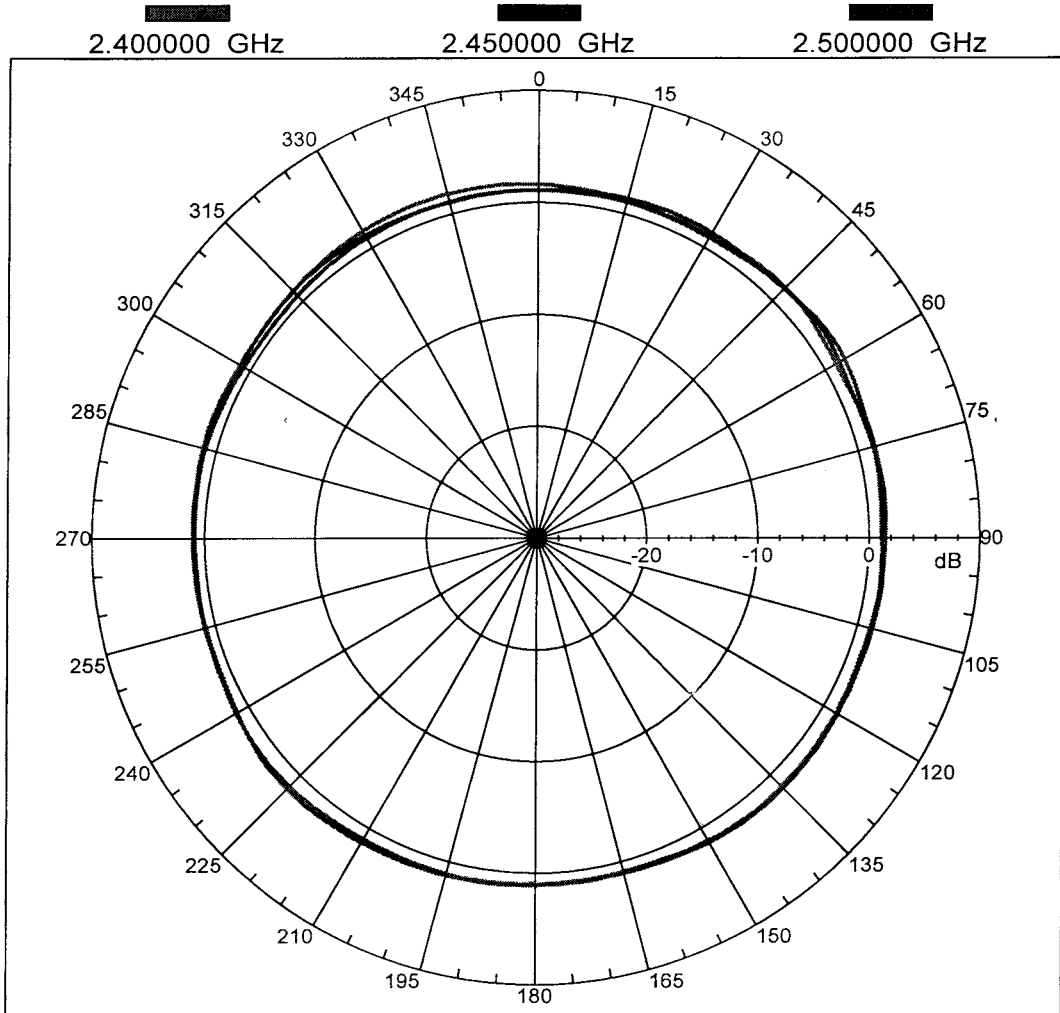
Far-field amplitude of C147-510297-A-Free-H.nsi



2006/11/21



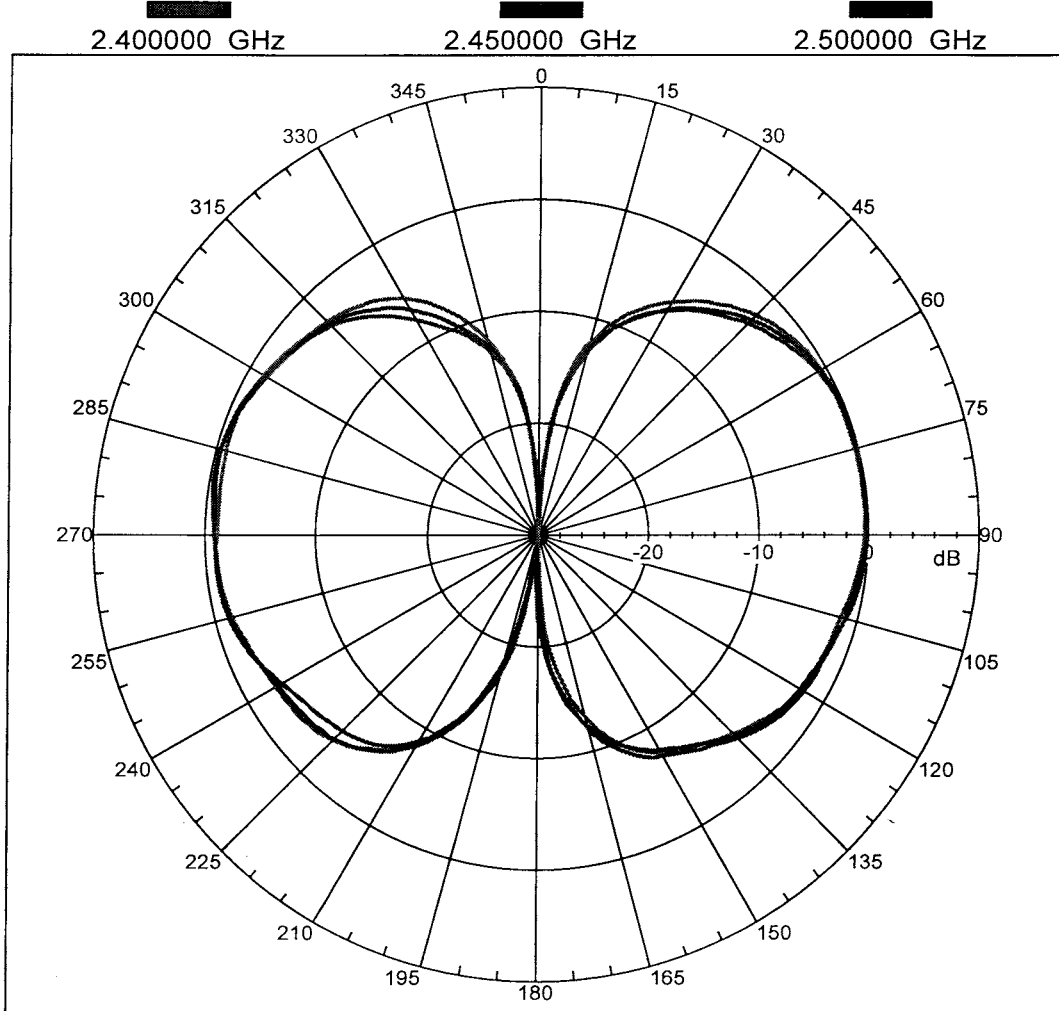
Far-field amplitude of C147-510297-A-Free-V.nsi



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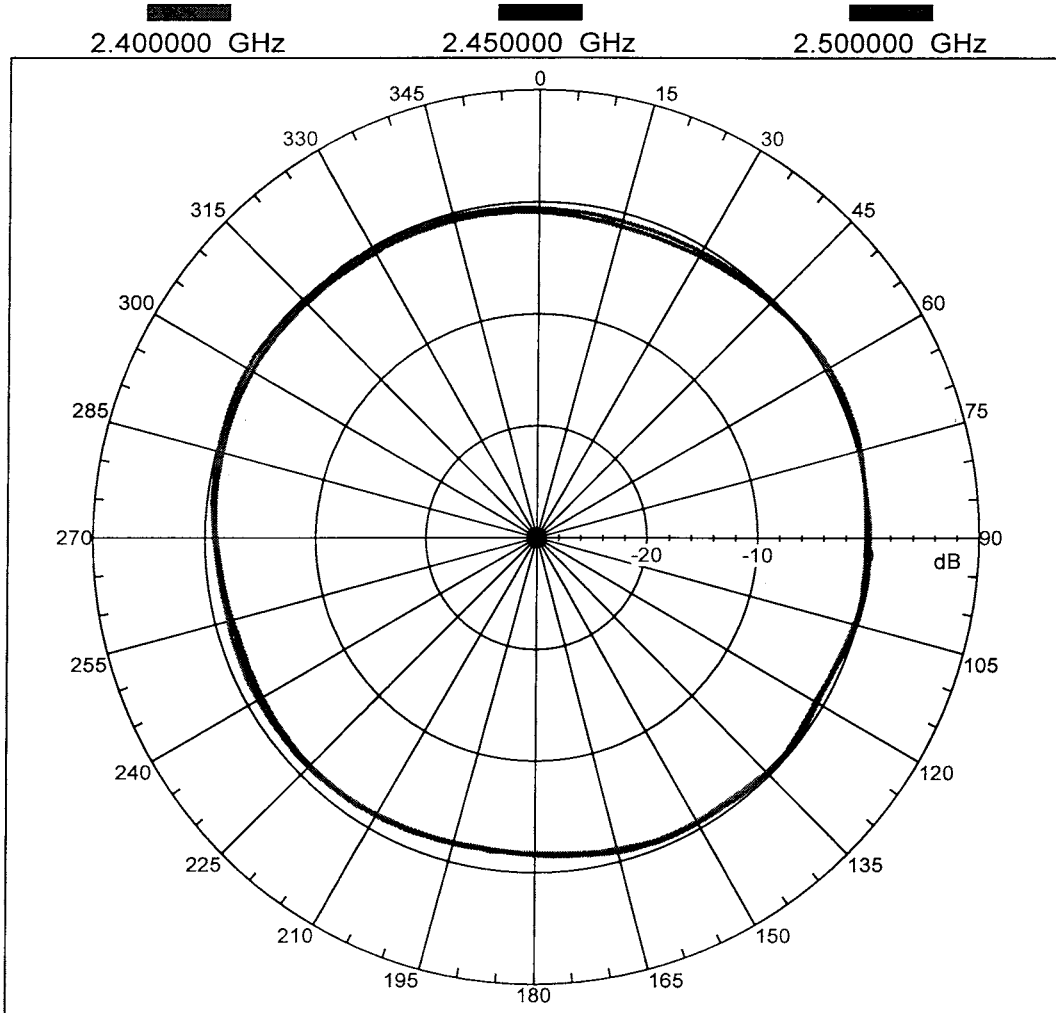


Far-field amplitude of C147-510297-A-With PCB-H.nsi



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Far-field amplitude of C147-510297-A-With PCB-V.nsi



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