



久 菘 科 技 股 份 有 限 公 司
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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.11b/g Directional Panel Antenna**

Part Number: **1PG-24005C**

Date: **2008-11-17**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Directional Panel Antenna

for 2.4~2.485GHz

Version 1

1PG-24005C

Electrical Specification:

Frequency	2400~2485 MHz
Part Number	1PG-24005C
Polarization	Linear
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	18 dBi
Power handling	20W Max
Front to back ratio	30dB
HPBW / horizontal	30°
HPBW / vertical	20°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	263*263*30mm
Weight	0.9Kg
Radome color	WHITE
Radome material	PVC

Directional Panel Antenna

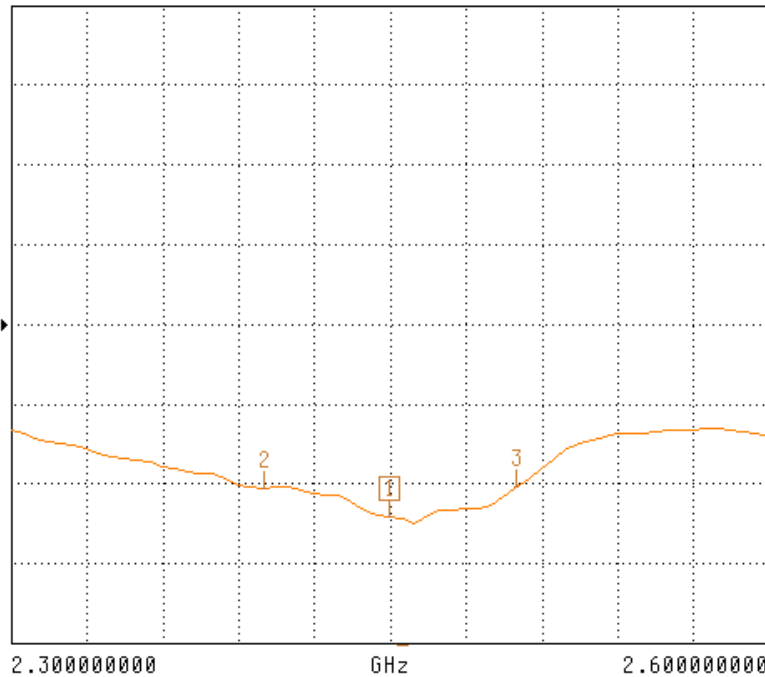
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S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.450000000 GHz
-24.549 dB

MARKER TO MAX
MARKER TO MIN

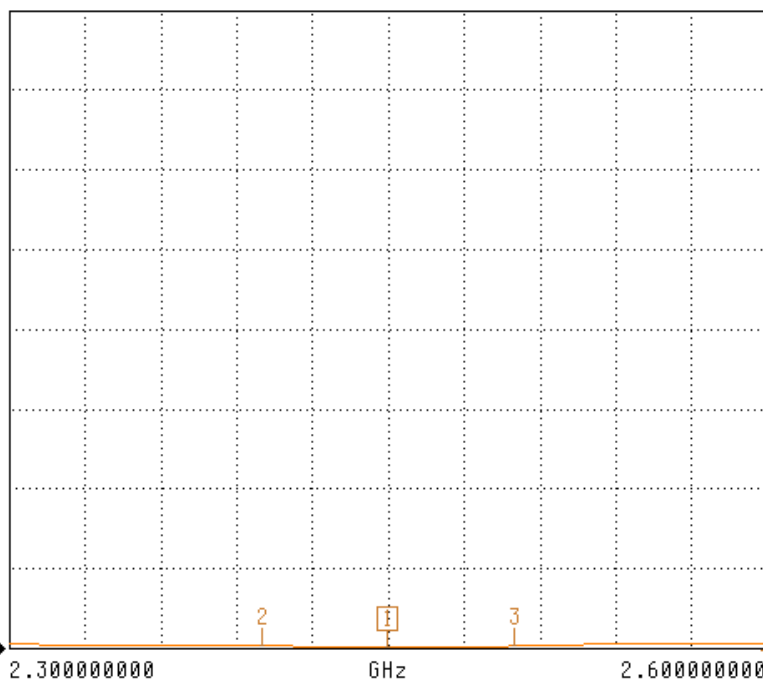
2 2.400000000 GHz
-20.609 dB

3 2.500000000 GHz
-20.380 dB

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION

SWR REF=1.000 U 10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.450000000 GHz
1.128 U

MARKER TO MAX
MARKER TO MIN

2 2.400000000 GHz
1.231 U

3 2.500000000 GHz
1.236 U

MARKER READOUT
FUNCTIONS

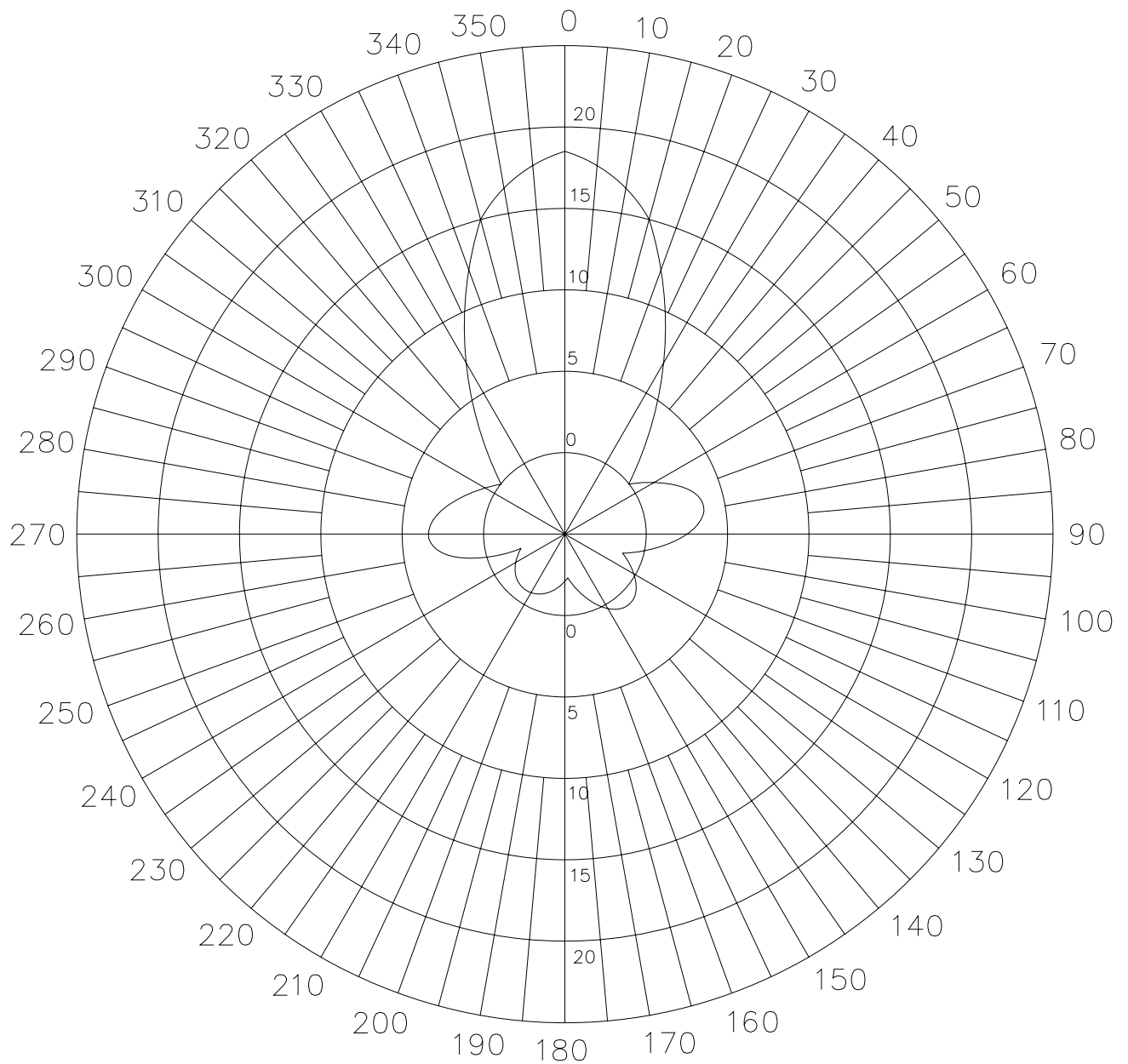
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H-PLANE FIELD PATTERNS



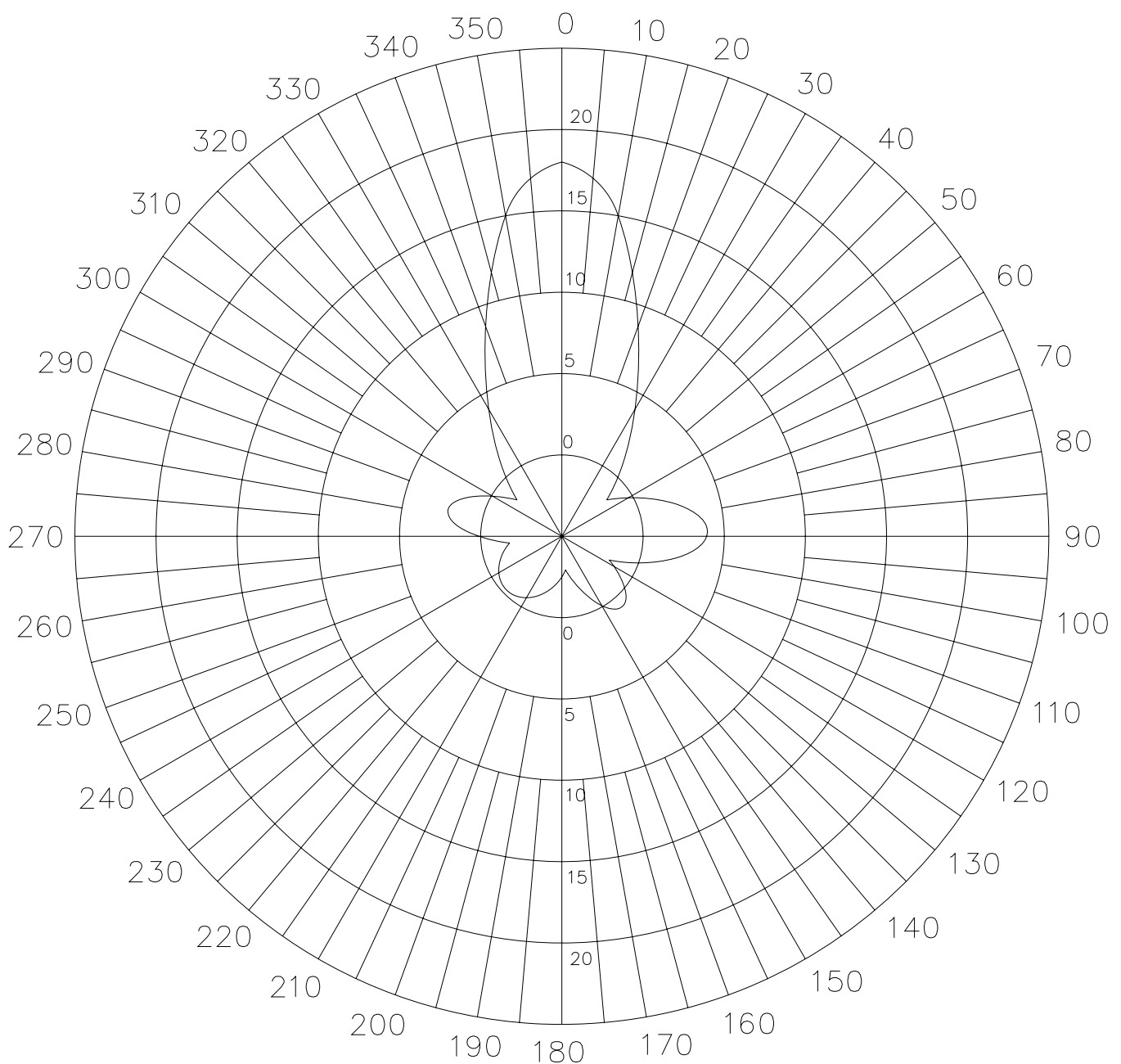
Directional Panel Antenna

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Version 1

1PG-24005C

E-PLANE FIELD PATTERNS



Directional Panel Antenna

for 2.4~2.485GHz

Version 1

1PG-24005C

