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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**

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Customer Evaluation:

PASS

NG

Approved Date:

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Evertime Communication Approved By : \_\_\_\_\_ Date:

Evertime Communication Prepared By : \_\_\_\_\_ Date:

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# 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

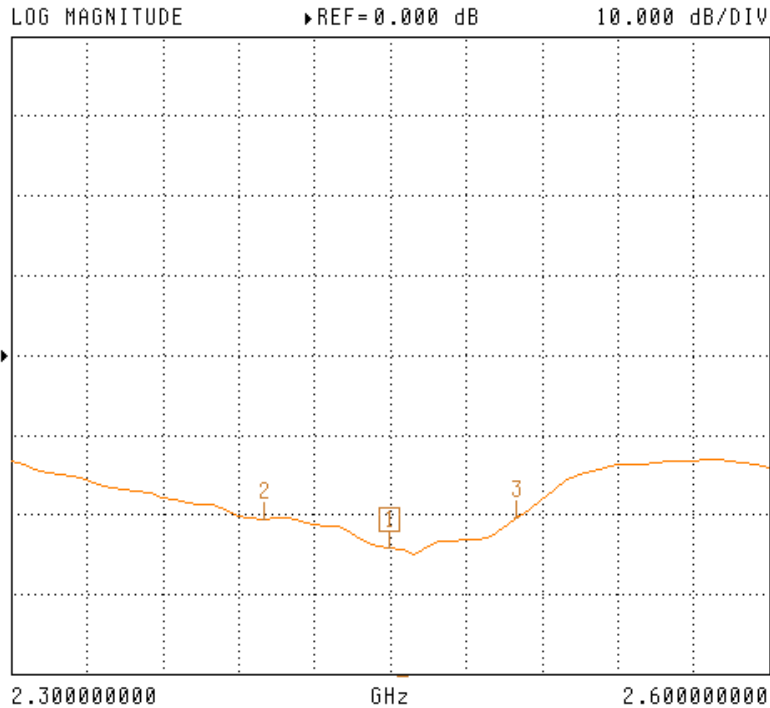
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## for 2.4~2.485GHz

Version 1

### 1PG-24005C

S11 FORWARD REFLECTION



CH 1 - S11  
REFERENCE PLANE  
0.0000 mm

MARKER 1  
2.450000000 GHz  
-24.549 dB

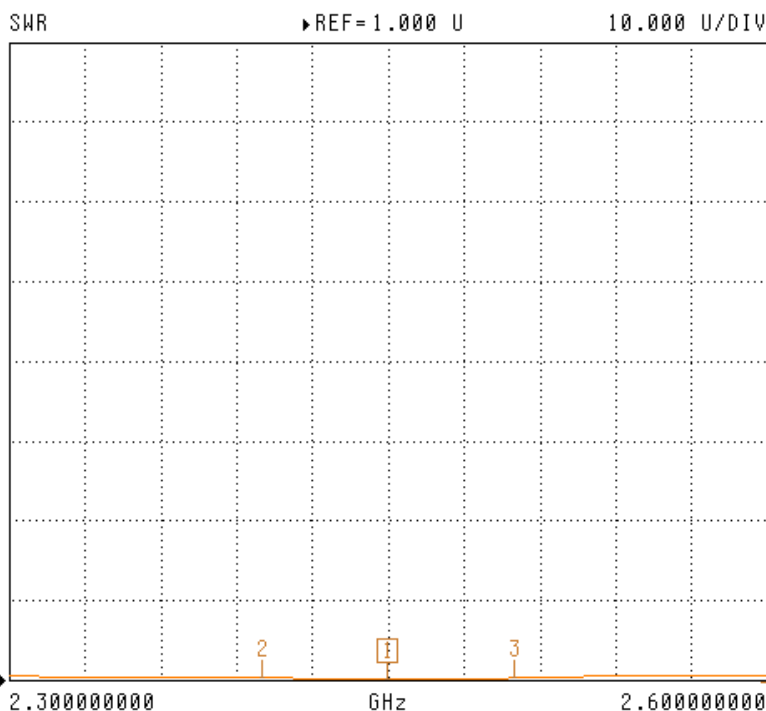
MARKER TO MAX  
MARKER TO MIN

2 2.400000000 GHz  
-20.609 dB

3 2.500000000 GHz  
-20.380 dB

MARKER READOUT  
FUNCTIONS

S11 FORWARD REFLECTION



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

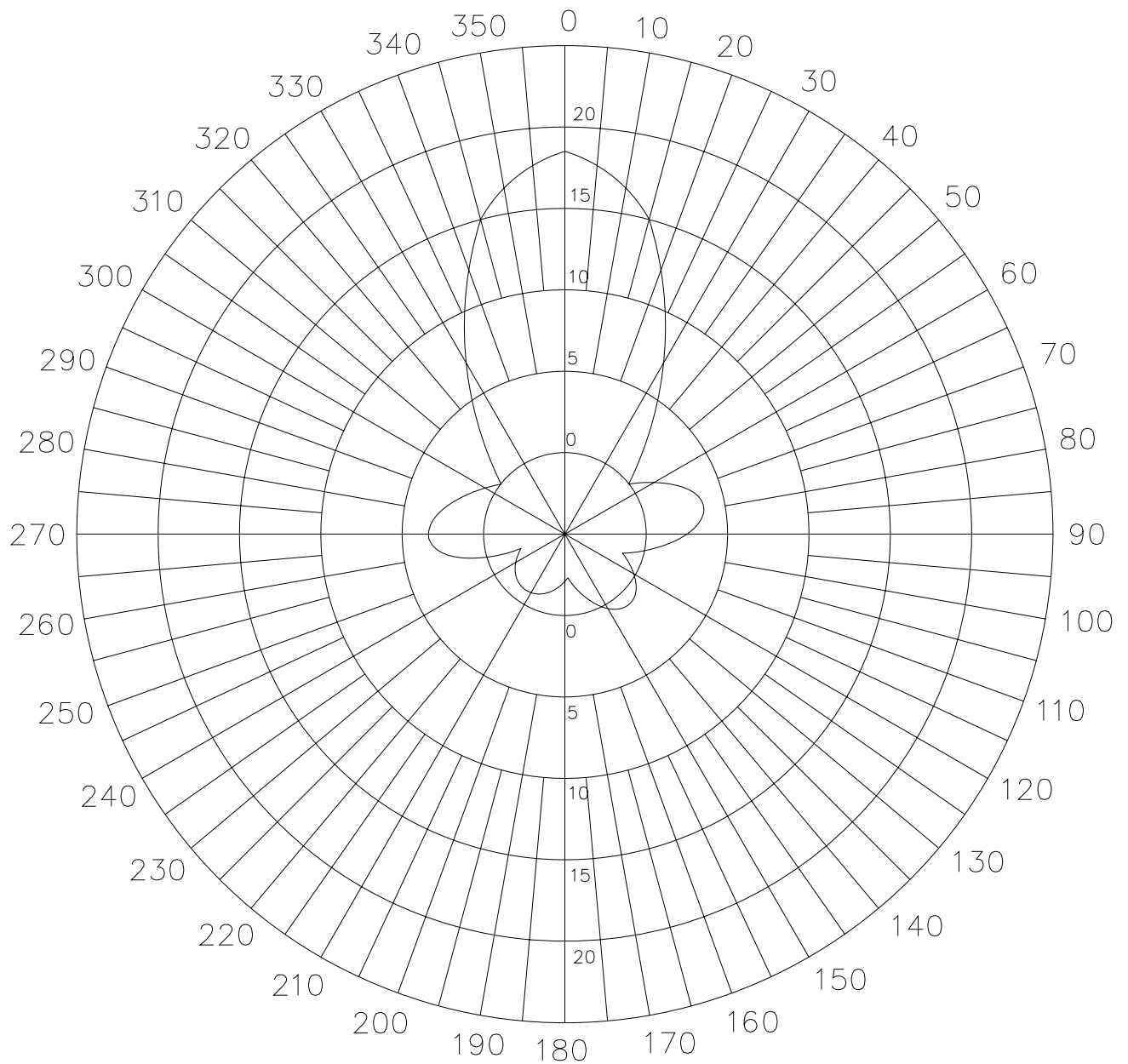
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## H-PLANE FIELD PATTERNS



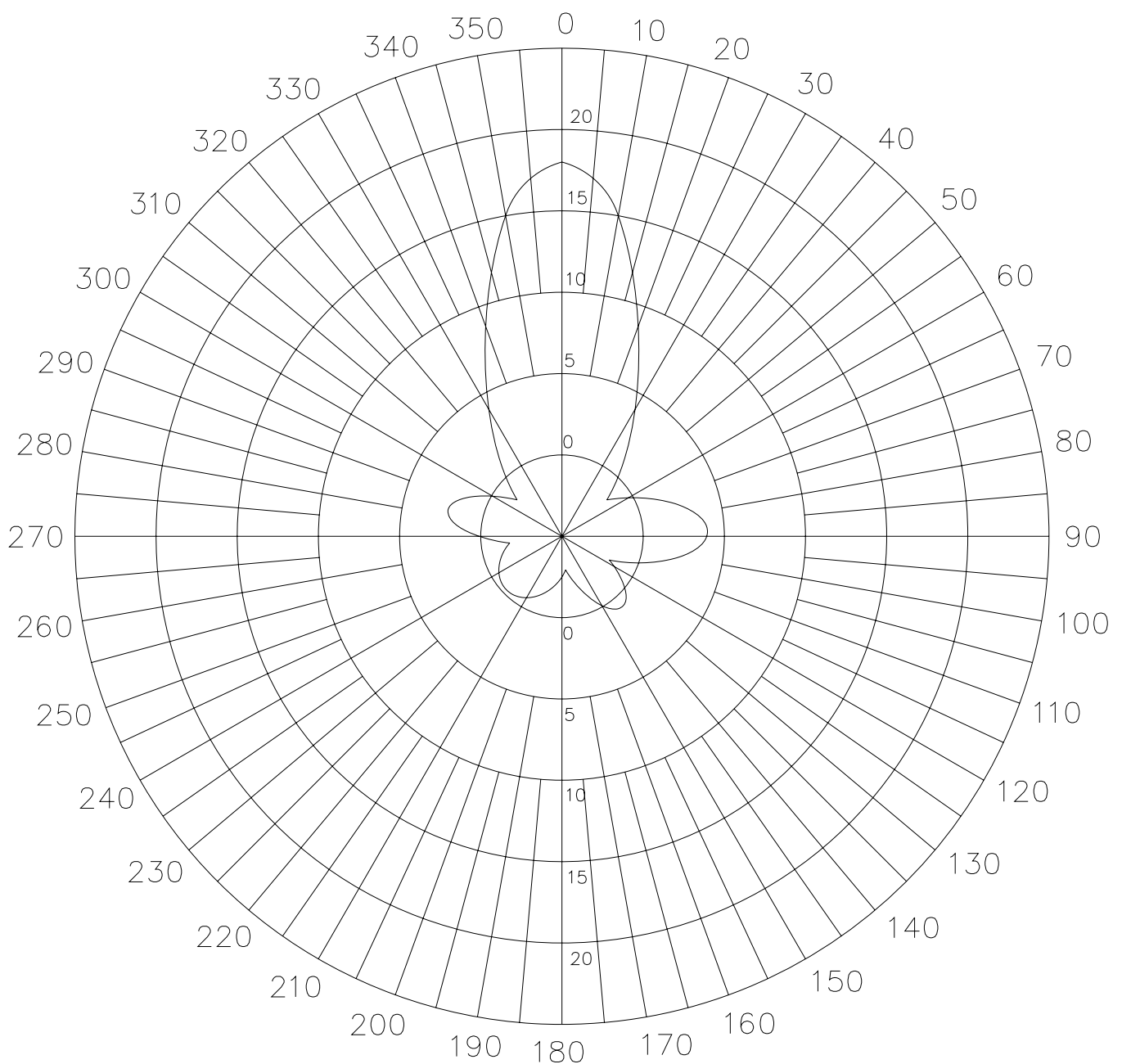
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## E-PLANE FIELD PATTERNS



# Directional Panel Antenna

for 2.4~2.485GHz

Version 1

1PG-24005C

