



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-2412CP**

Date: **2008-05-12**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Directional Panel Antenna

for 2.4~2.5GHz

Version 1

1PG-2412CP

Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1PG-2412CP
Polarization	CP
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	12 dBi
Power handling	10W Max
Front to back ratio	20dB
HPBW / horizontal	50°
HPBW / vertical	30°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	215*90*30mm
Weight	510g
Radome color	Gray-white
Radome material	PC and ABS

Directional Panel Antenna

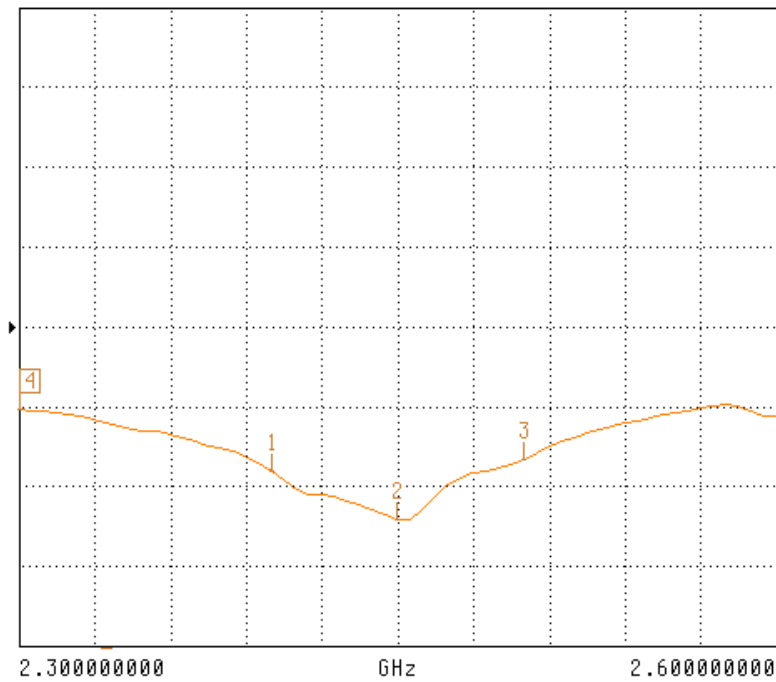
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Version 1

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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 4
2.300000000 GHz
-10.331 dB

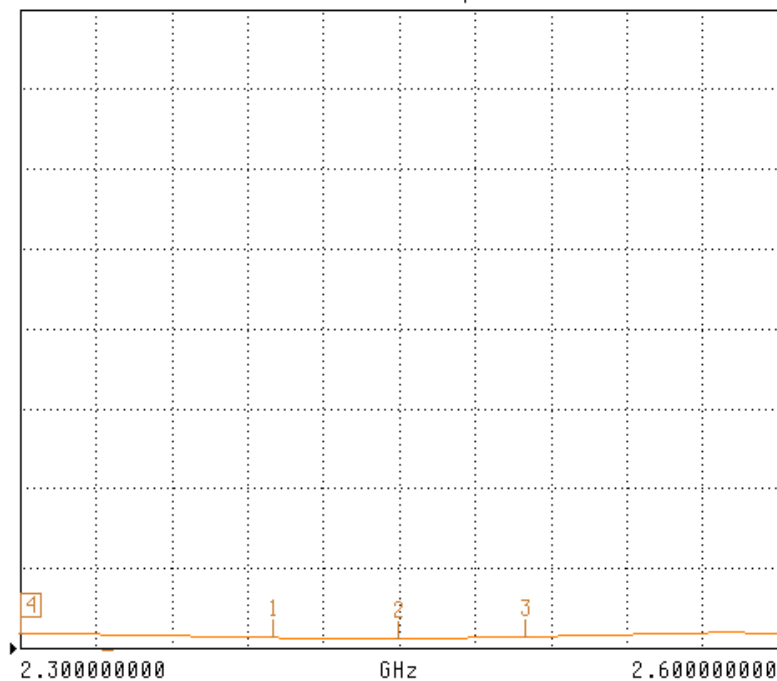
▶ MARKER TO MAX
MARKER TO MIN

- 1 2.400000000 GHz
-18.183 dB
- 2 2.450000000 GHz
-24.285 dB
- 3 2.500000000 GHz
-16.557 dB

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION

SWR REF=0.000 pU 10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 4
2.300000000 GHz
1.879 U

▶ MARKER TO MAX
MARKER TO MIN

- 1 2.400000000 GHz
1.282 U
- 2 2.450000000 GHz
1.131 U
- 3 2.500000000 GHz
1.348 U

MARKER READOUT
FUNCTIONS

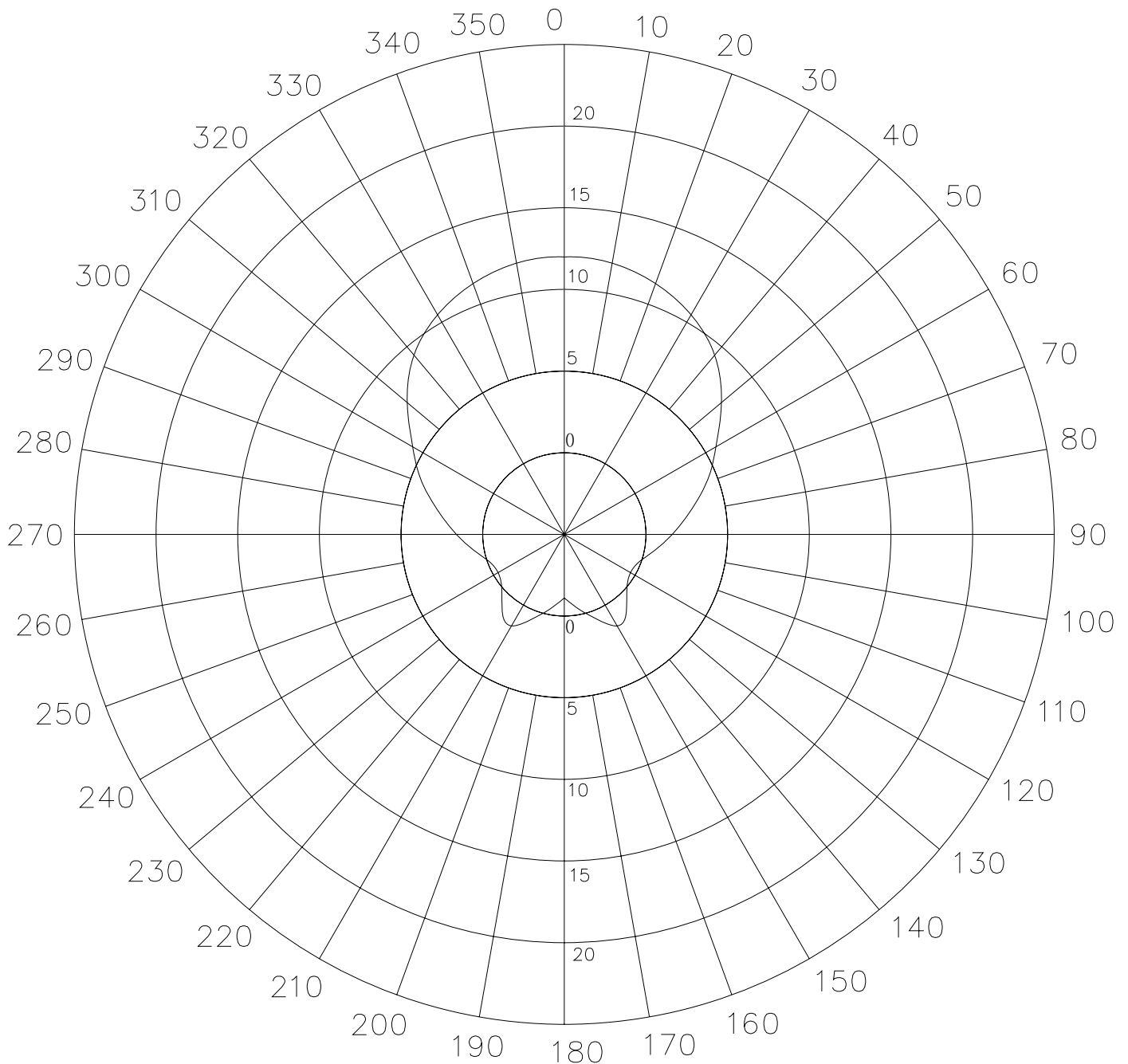
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H-PLANE FIELD PATTERNS



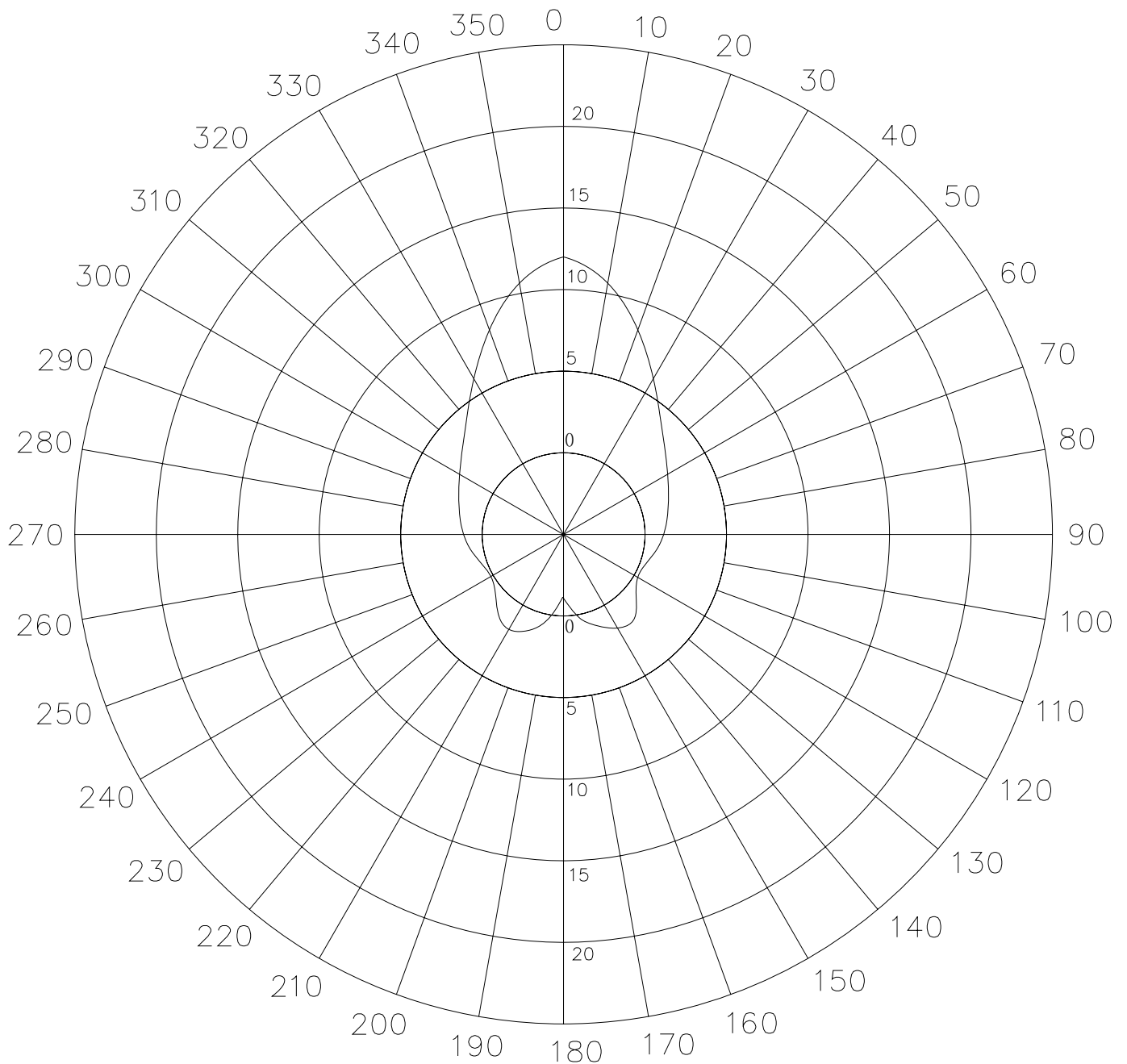
Directional Panel Antenna

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Version 1

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E-PLANE FIELD PATTERNS

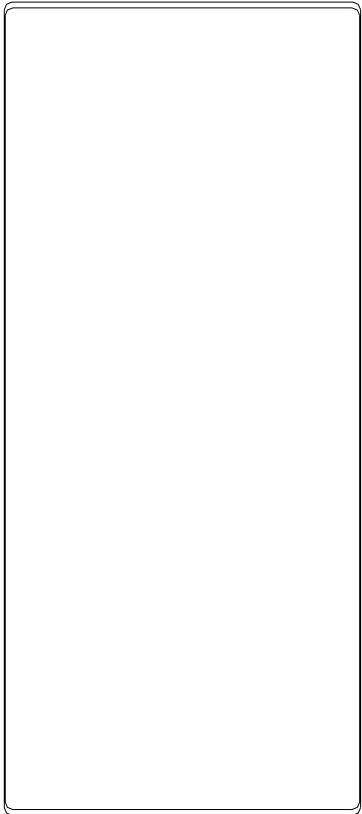
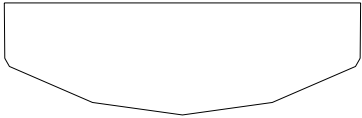


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N TYPE FEMALE

