



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 Omni Directional Antenna**

Part Number: **1GP-24003**

Date: **2008-06-17**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Omni Directional Antenna

for 2.4~2.5GHz

Version 1

1GP-24003

Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1GP-24003
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5\Omega$
Gain	12 dBi
Power handling	15W Max
Front to back ratio	N/A
HPBW / horizontal	360°
HPBW / vertical	10°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	900 mm
Weight	910g
Radome color	white
Radome material	glass fiber

Omni Directional Antenna

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Version 1

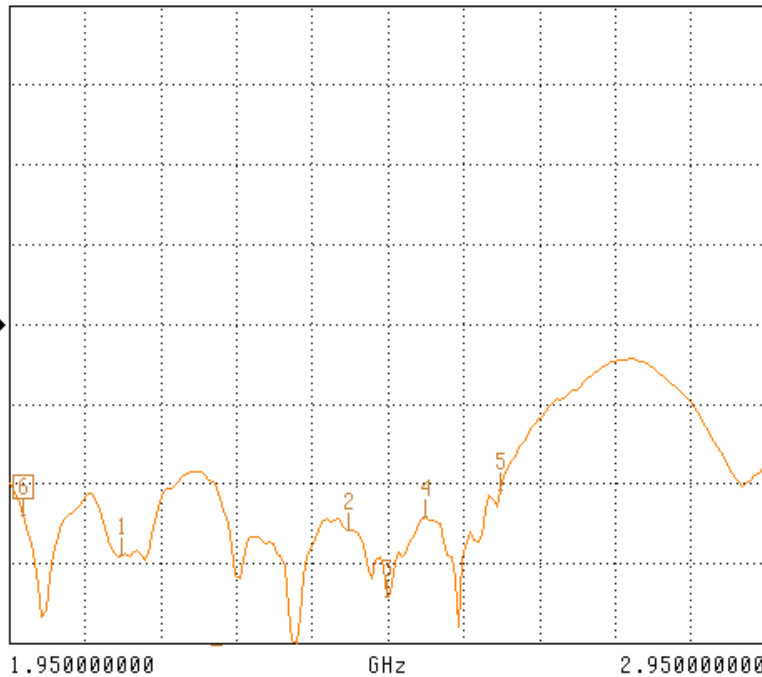
1GP-24003

S11 FORWARD REFLECTION

LOG MAGNITUDE

REF=0.000 dB

10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 6
1.970000000 GHz
-23.901 dB

MARKER TO MAX
MARKER TO MIN

- 1 2.100000000 GHz
-29.028 dB
- 2 2.400000000 GHz
-25.910 dB
- 3 2.450000000 GHz
-34.302 dB
- 4 2.500000000 GHz
-24.285 dB
- 5 2.600000000 GHz
-20.942 dB

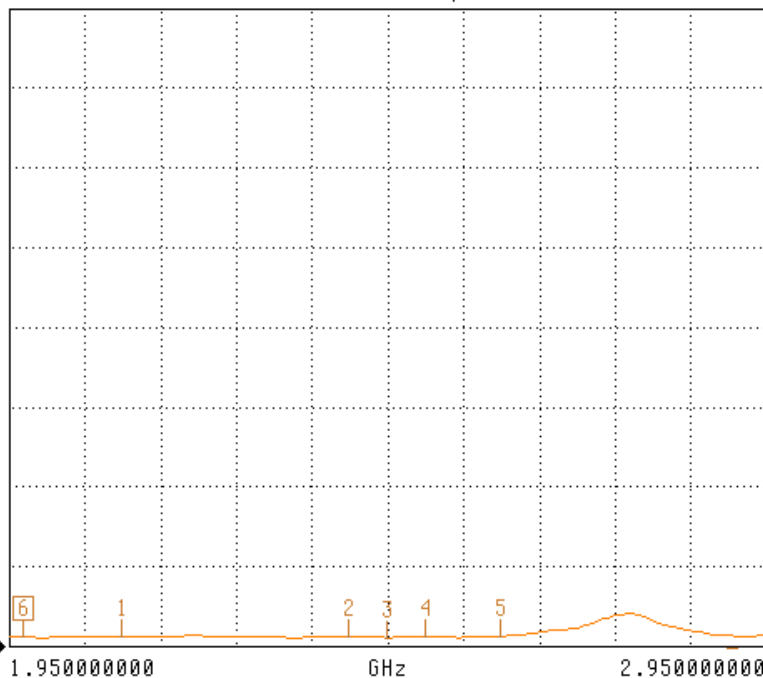
MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION

SWR

REF=0.000 pU

10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 6
1.970000000 GHz
1.141 U

MARKER TO MAX
MARKER TO MIN

- 1 2.100000000 GHz
1.073 U
- 2 2.400000000 GHz
1.110 U
- 3 2.450000000 GHz
1.039 U
- 4 2.500000000 GHz
1.132 U
- 5 2.600000000 GHz
1.198 U

MARKER READOUT
FUNCTIONS

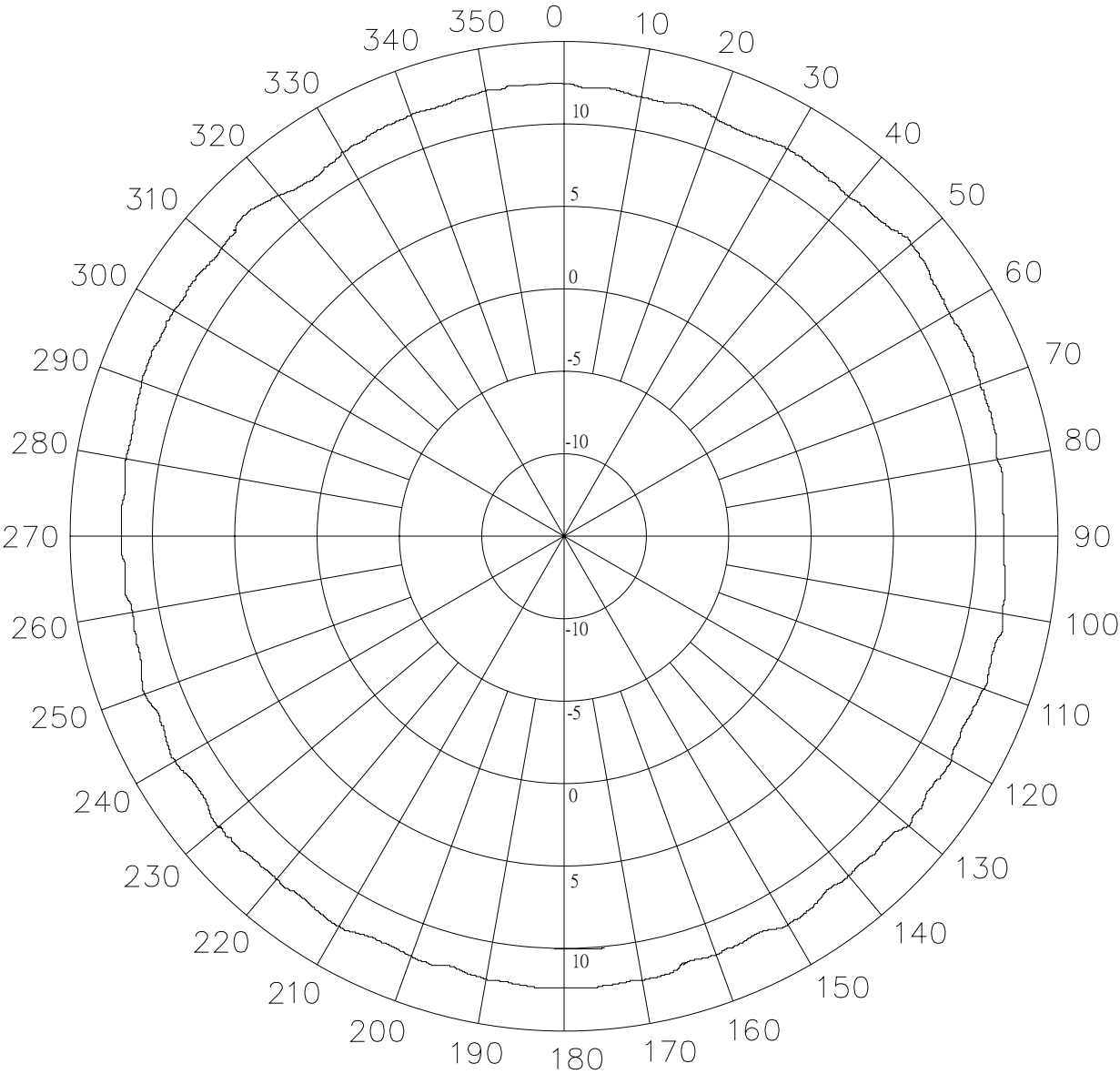
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H-PLANE FIELD PATTERNS



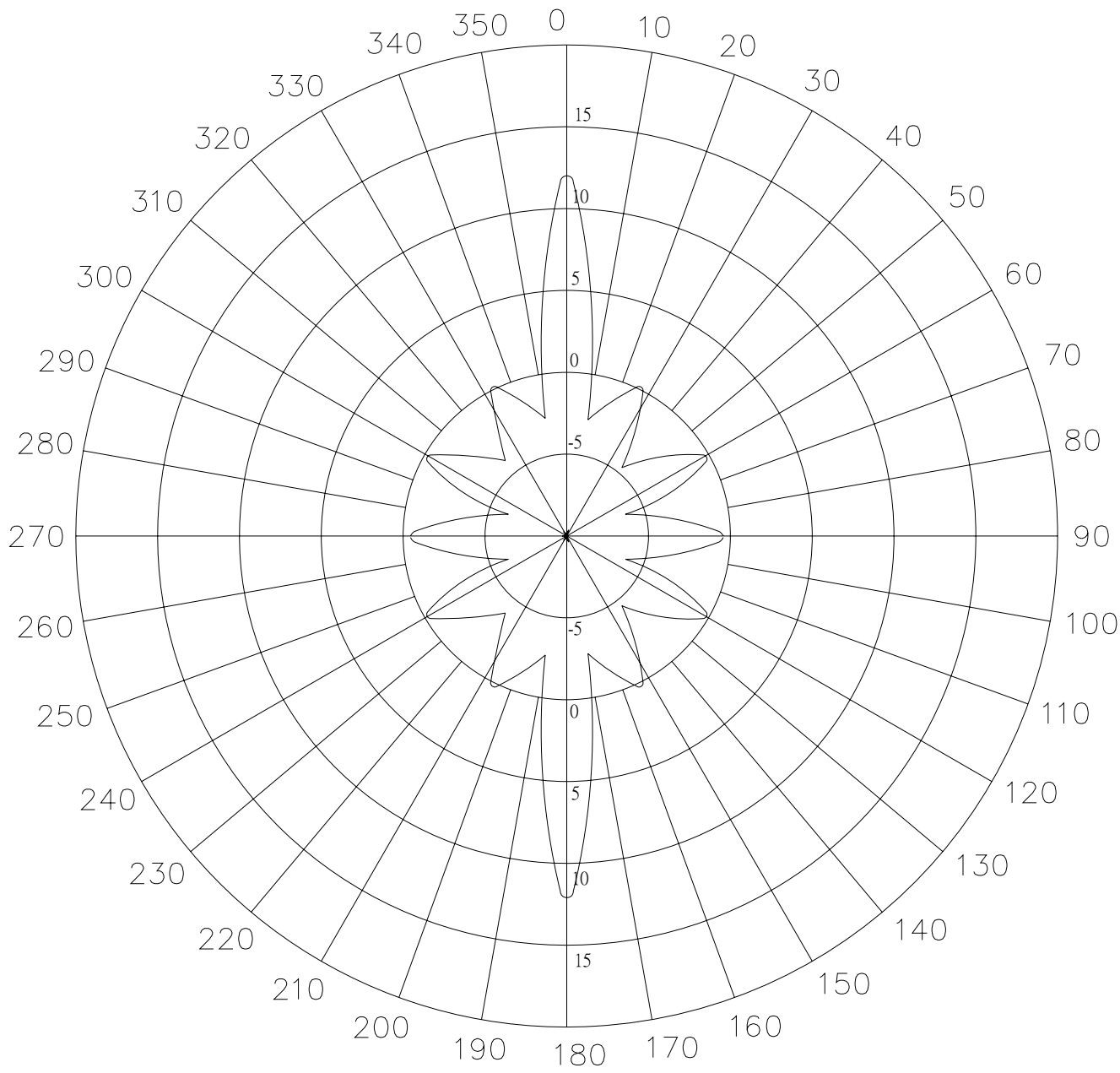
Omni Directional Antenna

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Version 1

1GP-24003

E-PLANE FIELD PATTERNS



Omni Directional Antenna

for 2.4~2.5GHz

Version 1

1GP-24003

