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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.11a Omni Directional Antenna**

Part Number: **1GP-5012**

Date: **2008-09-15**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Omni Directional Antenna

for 4.9~5.1GHz

Version 1

1GP-5012

Electrical Specification:

Frequency	4.9~5.1GHz
Part Number	1GP-5012
Polarization	Linear
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	N/A
HPBW / horizontal	360°
HPBW / vertical	6°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	$\varphi 35 \times 420\text{mm}$
Weight	430g
Radome color	white
Radome material	glass fiber

Omni Directional Antenna

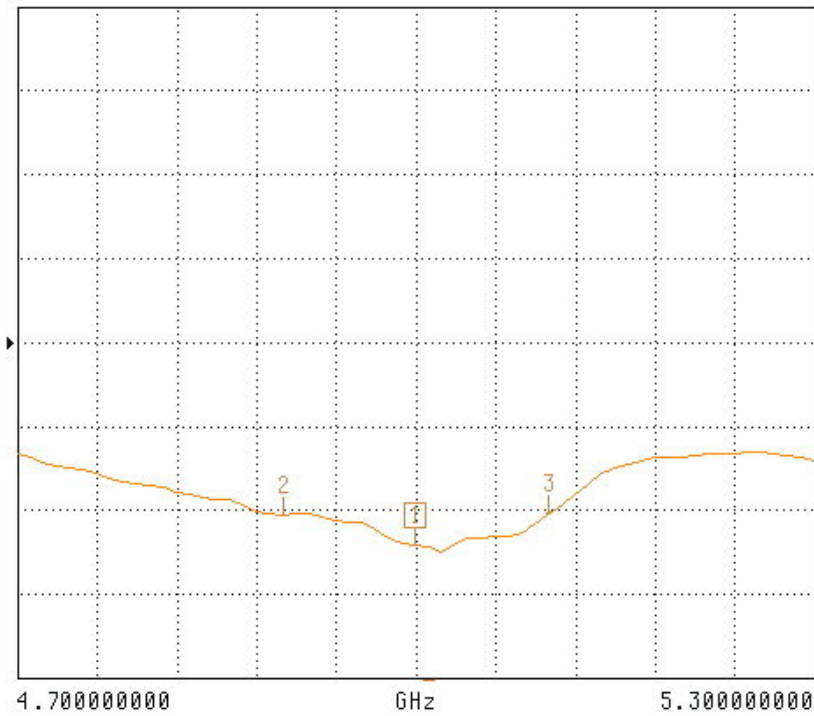
for 4.9~5.1GHz

Version 1

1GP-5012

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
5.000000000 GHz
-24.549 dB

MARKER TO MAX
MARKER TO MIN

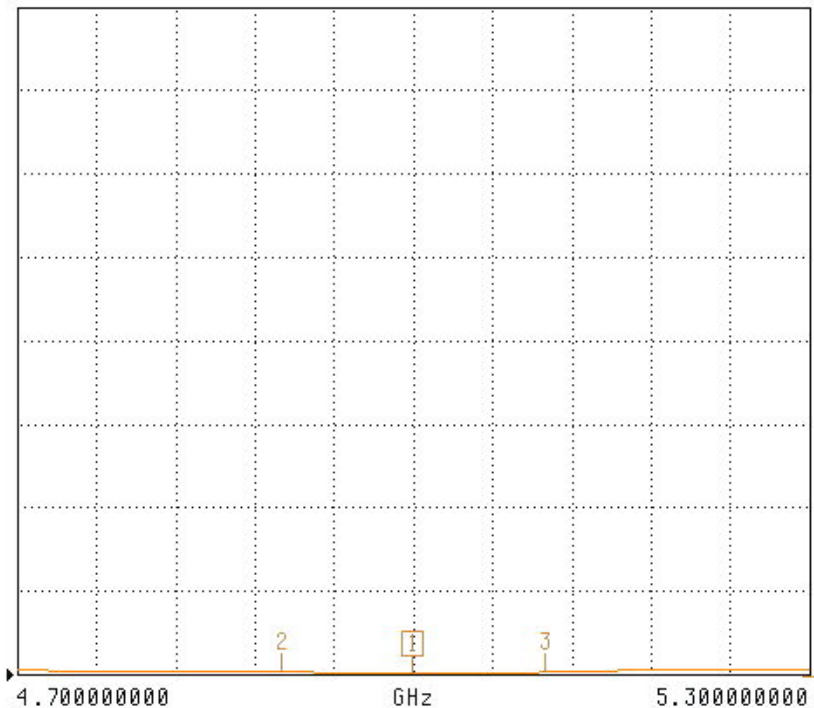
2 4.900000000 GHz
-20.609 dB

3 5.100000000 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
5.000000000 GHz
1.128 U

MARKER TO MAX
MARKER TO MIN

2 4.900000000 GHz
1.231 U

3 5.100000000 GHz
1.236 U

MARKER READOUT
FUNCTIONS

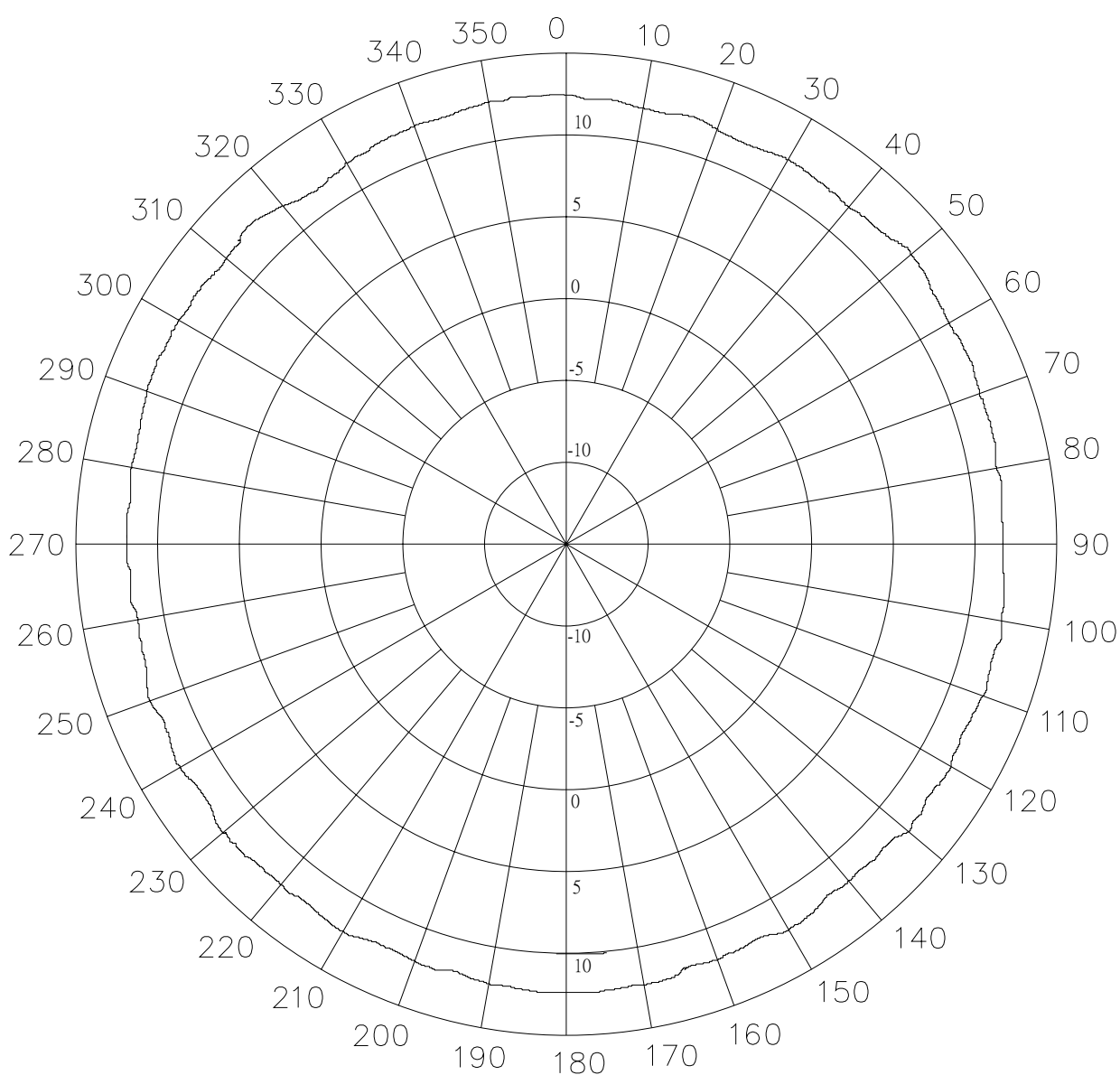
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H-PLANE FIELD PATTERNS



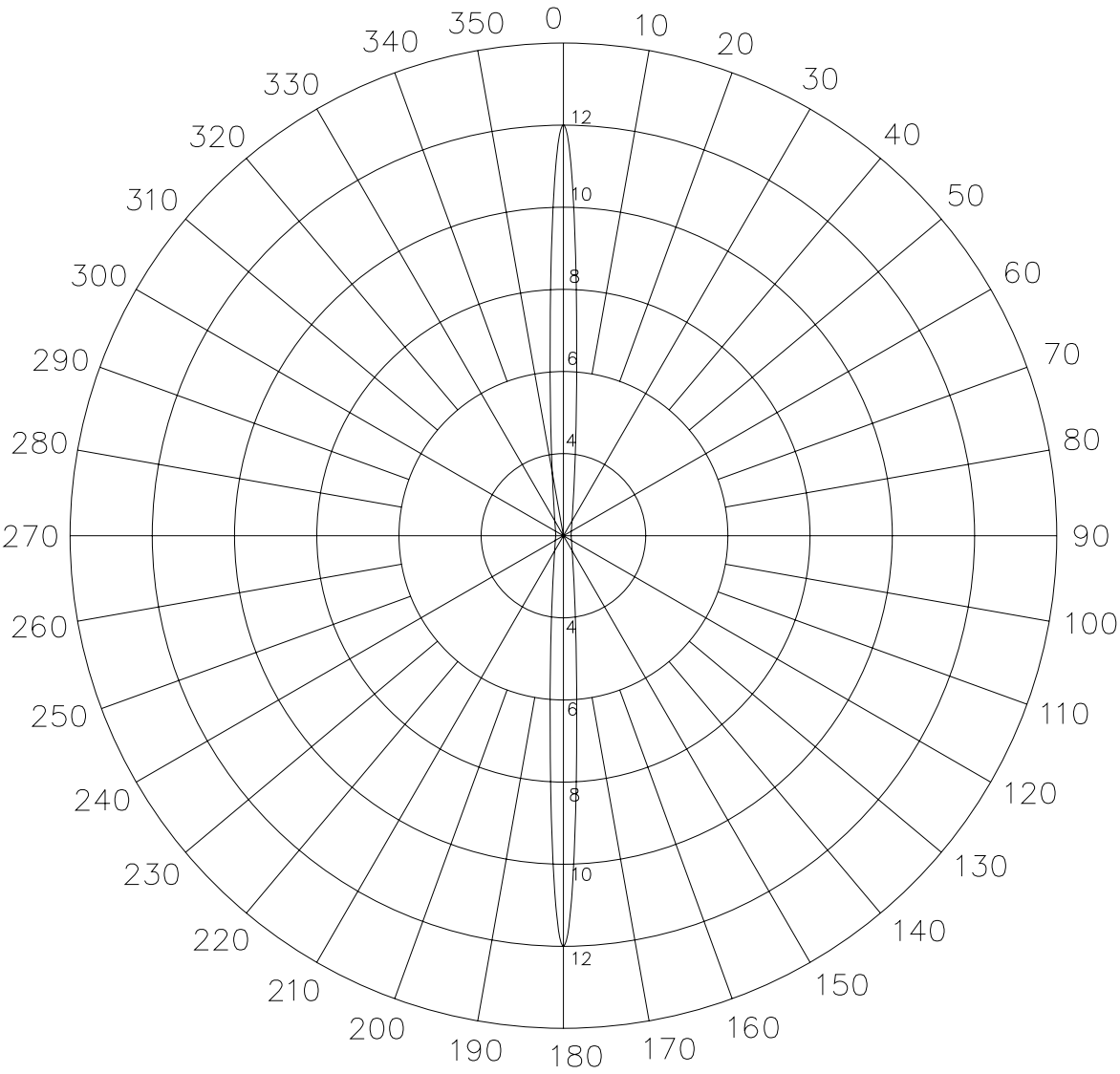
Omni Directional Antenna

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Version 1

1GP-5012

E-PLANE FIELD PATTERNS



Omni Directional Antenna

for 4.9~5.1GHz

Version 1

1GP-5012

