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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

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

Part Number: **1GP-24002**

Date: **2008-10-08**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Omni Directional Antenna

for 2.4~2.5GHz

Version 1

1GP-24002

Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1GP-24002
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5\Omega$
Gain	15 dBi
Power handling	20W 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	1600 mm
Weight	1050g
Radome color	white
Radome material	glass fiber

Omni Directional Antenna

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Version 1

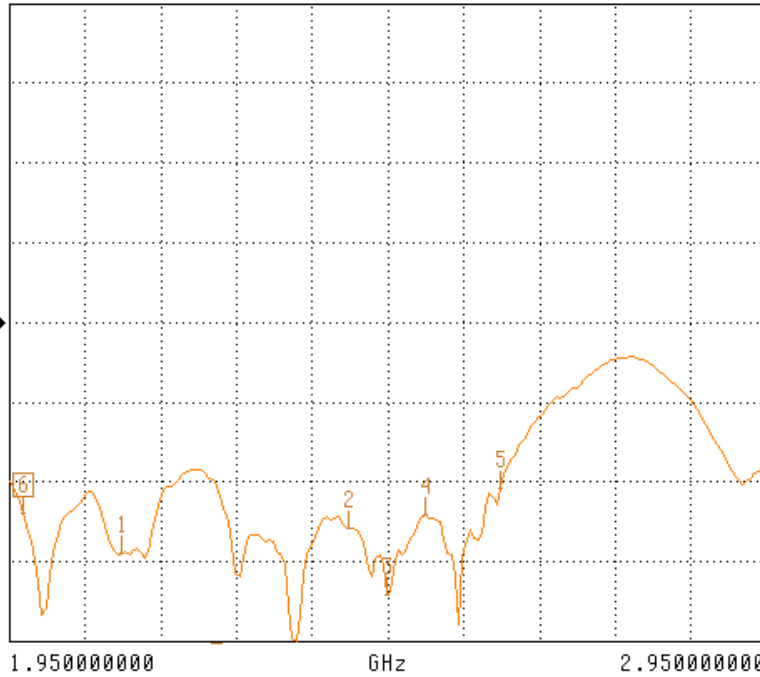
1GP-24002

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

- | Marker | Frequency (GHz) | Magnitude (dB) |
|--------|-----------------|----------------|
| 1 | 2.100000000 | -29.028 |
| 2 | 2.400000000 | -25.910 |
| 3 | 2.450000000 | -34.302 |
| 4 | 2.500000000 | -24.285 |
| 5 | 2.600000000 | -20.942 |

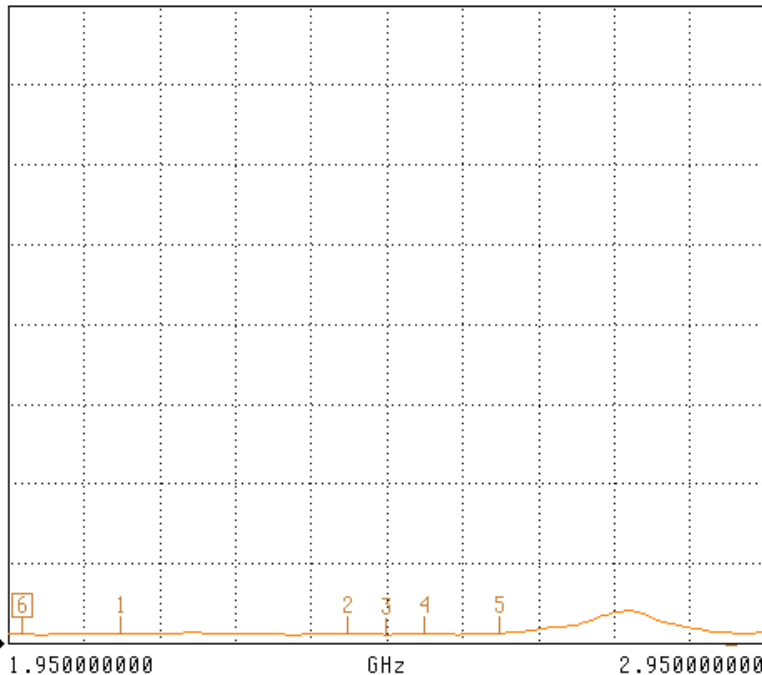
MARKER READOUT
FUNCTIONS

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

- | Marker | Frequency (GHz) | SWR |
|--------|-----------------|-------|
| 1 | 2.100000000 | 1.073 |
| 2 | 2.400000000 | 1.110 |
| 3 | 2.450000000 | 1.039 |
| 4 | 2.500000000 | 1.132 |
| 5 | 2.600000000 | 1.198 |

MARKER READOUT
FUNCTIONS

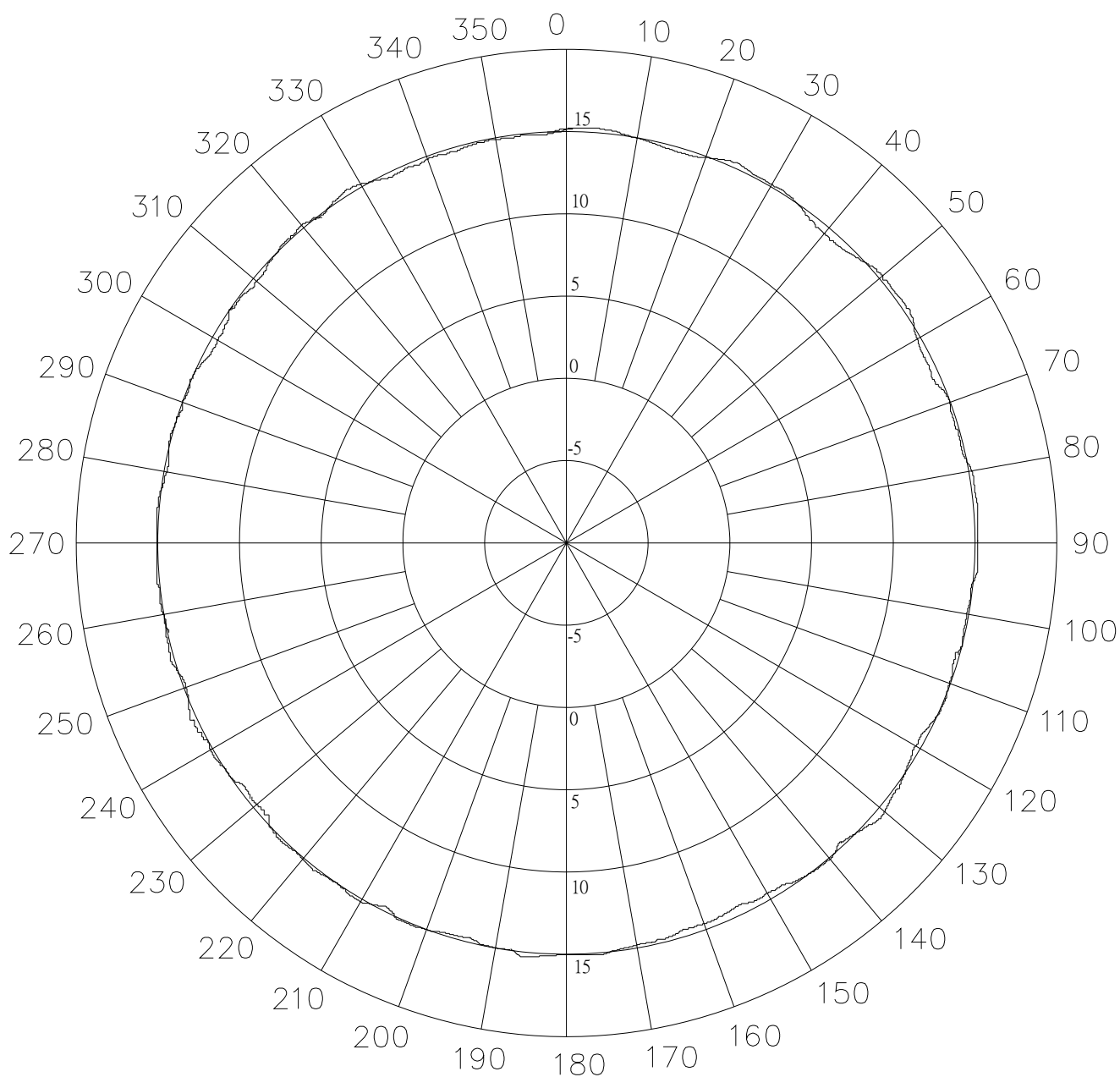
Omni Directional Antenna

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Version 1

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H-PLANE FIELD PATTERNS



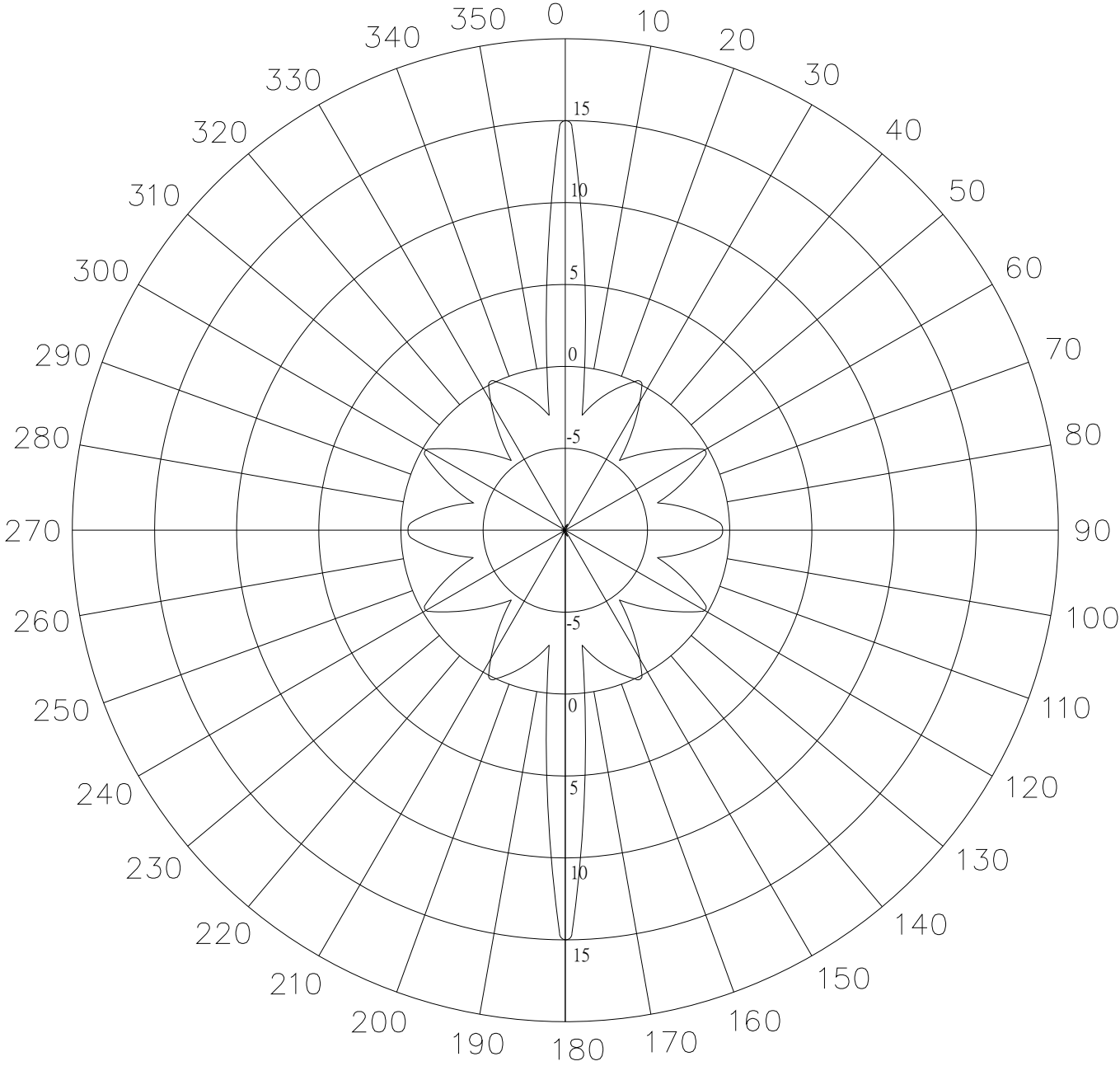
Omni Directional Antenna

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Version 1

1GP-24002

E-PLANE FIELD PATTERNS



Omni Directional Antenna

for 2.4~2.5GHz

Version 1

1GP-24002

