



久 菘 科 技 股 份 有 限 公 司
EVERTIME COMMUNICATIONS CO., LTD.

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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

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

Part Number: **1CO-51829**

Date: **2008-08-11**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Directional Grid Antenna

for 5.1~5.9GHz

Version 1

1CO-51829

Electrical Specification:

Frequency	5.1~5.9GHz
Part Number	1CO-51829
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	29 dBi
Power handling	25W Max
Front to back ratio	35dB
HPBW / horizontal	8°
HPBW / vertical	5°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	900mm
Weight	4.86Kg
Radome color	white
Radome material	ABS

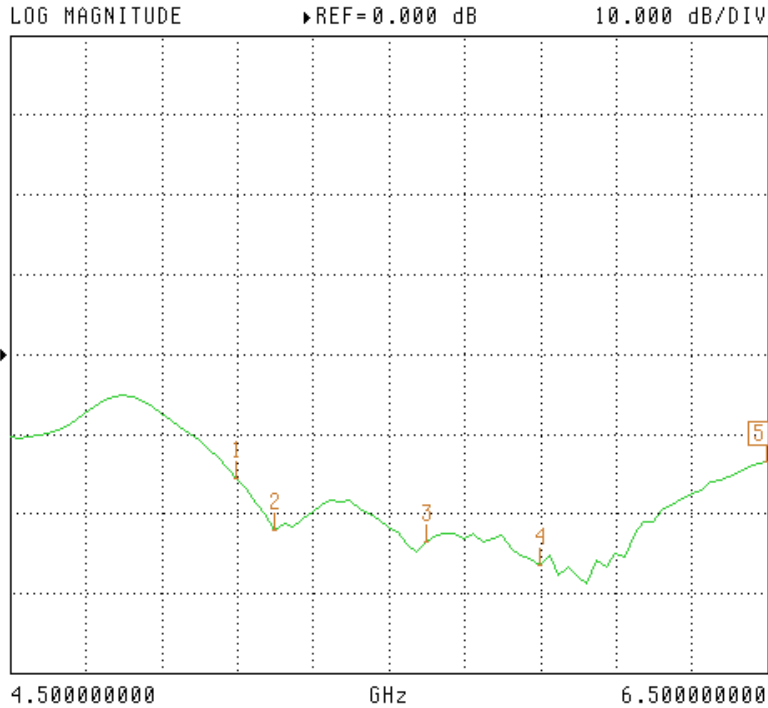
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S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

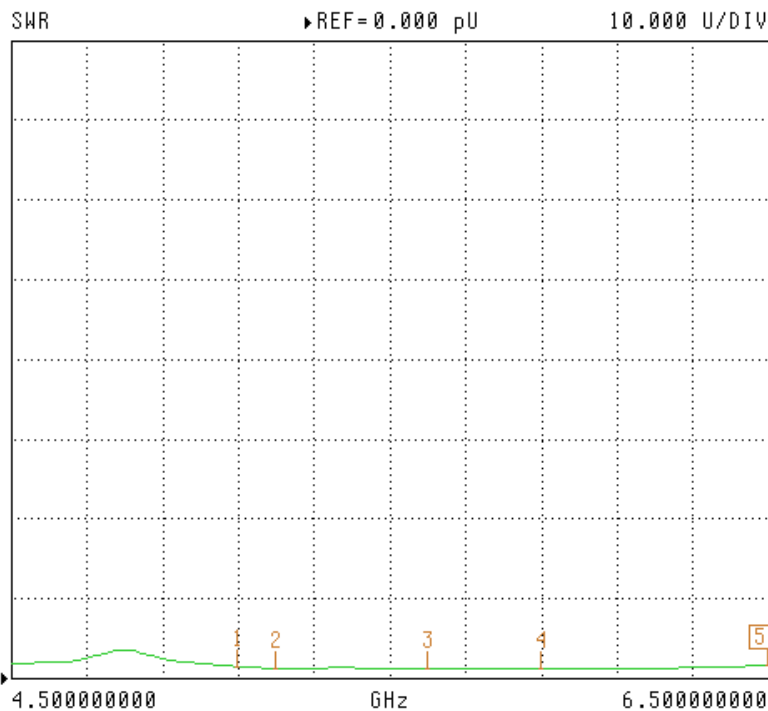
MARKER 5
6.500000000 GHz
-13.428 dB

MARKER TO MAX
MARKER TO MIN

- 1 5.100000000 GHz
-15.530 dB
- 2 5.200000000 GHz
-22.003 dB
- 3 5.600000000 GHz
-23.507 dB
- 4 5.900000000 GHz
-26.417 dB

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 5
6.500000000 GHz
1.542 U

MARKER TO MAX
MARKER TO MIN

- 1 5.100000000 GHz
1.402 U
- 2 5.200000000 GHz
1.173 U
- 3 5.600000000 GHz
1.143 U
- 4 5.900000000 GHz
1.100 U

MARKER READOUT
FUNCTIONS

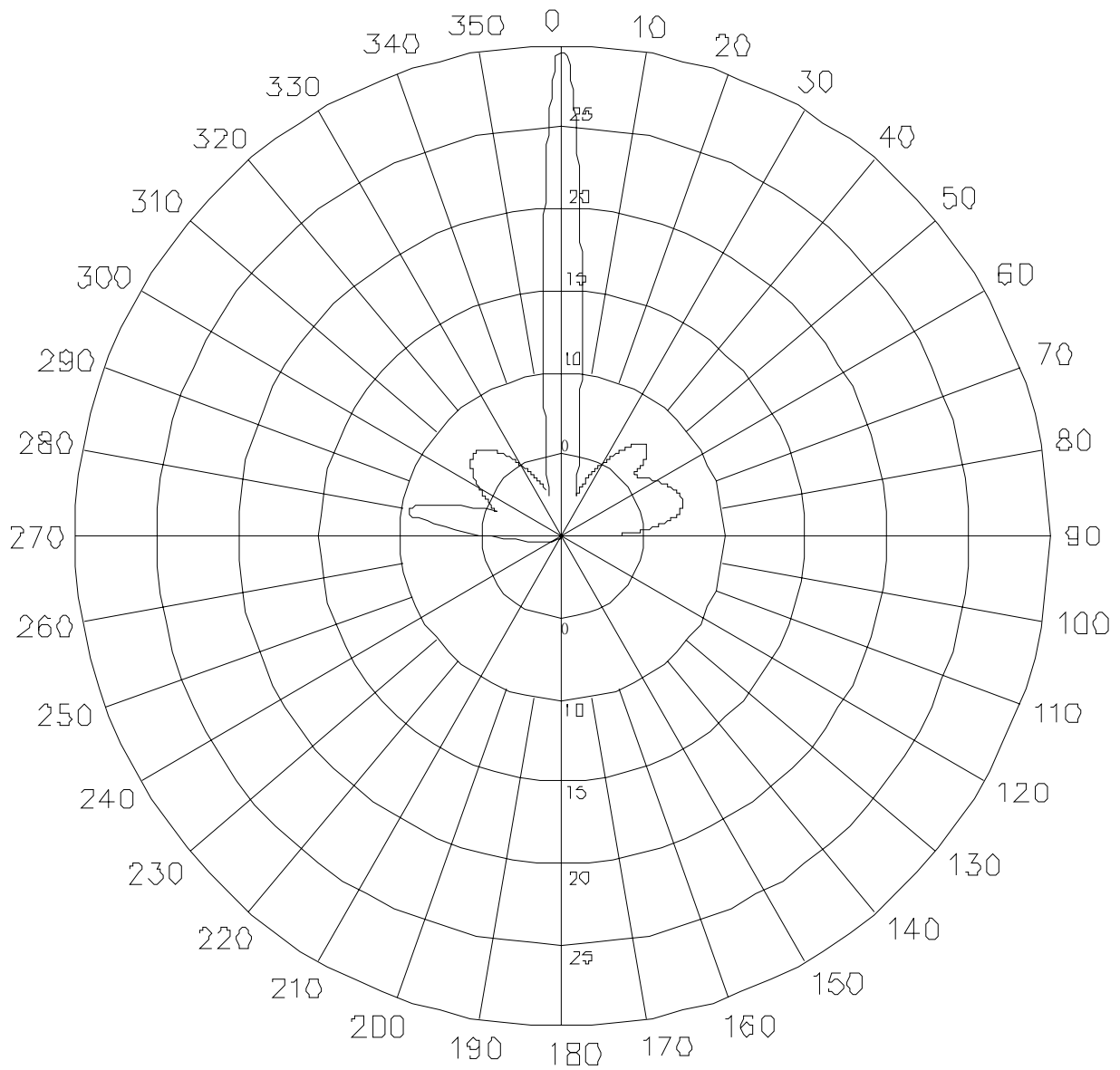
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H-PLANE FIELD PATTERNS



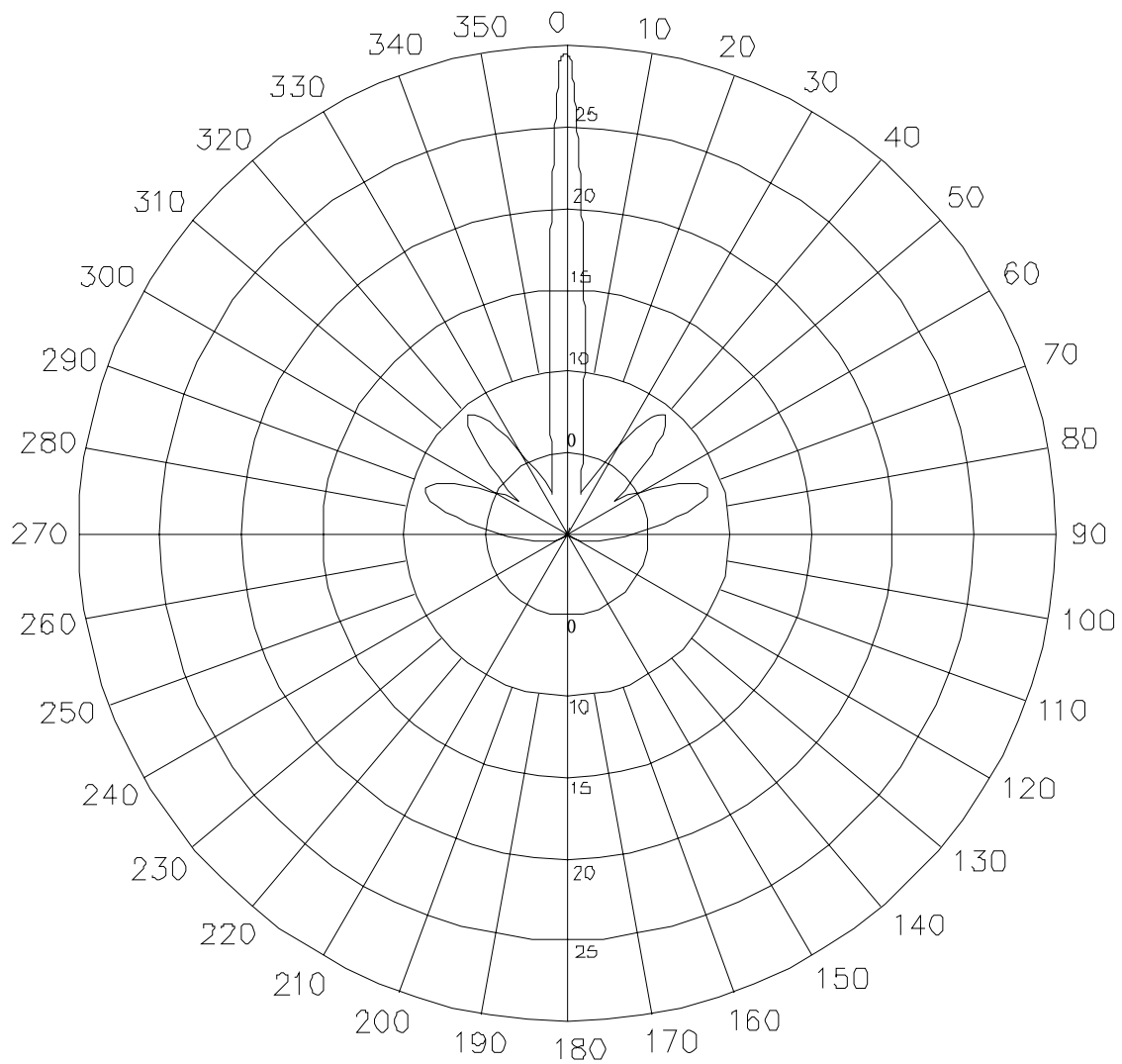
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E-PLANE FIELD PATTERNS



Directional Grid Antenna

for 5.1 ~ 5.9GHz

Version 1

1CO-51829

