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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

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

Part Number: **1SC-51815**

Date: **2006-08-11**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Directional Sector Antenna

for 5.1~5.9GHz

Version 1

1SC-51815

Electrical Specification:

Frequency	5.1~5.9GHz
Part Number	1SC-51815
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	15 dBi
Power handling	15W Max
Front to back ratio	30dB
HPBW / horizontal	120°
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	370 x 130 x 65mm
Weight	2.4Kg
Radome color	Gray-white
Radome material	ABS

Directional Sector Antenna

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Version 1

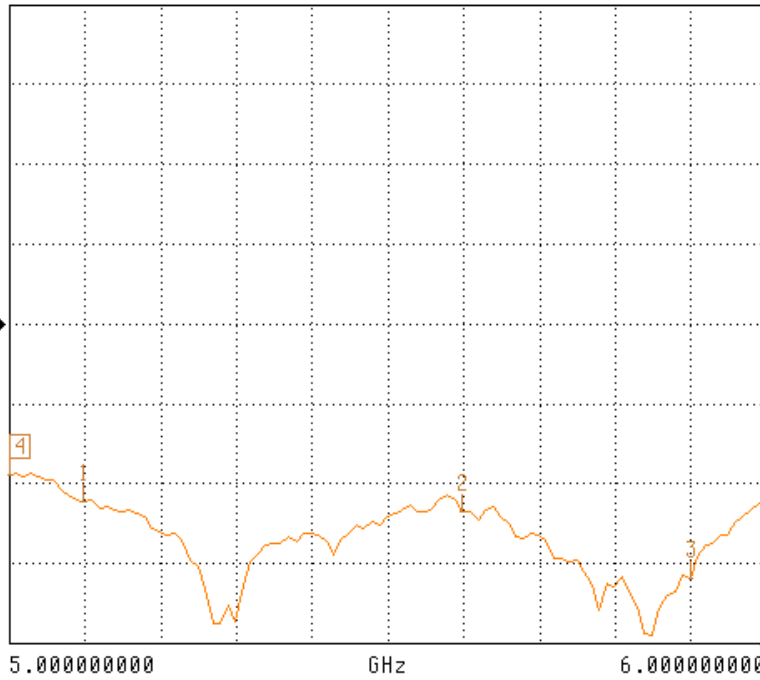
1SC-51815

S11 FORWARD REFLECTION

LOG MAGNITUDE

REF=0.000 dB

10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 4
5.000000000 GHz
-18.892 dB

MARKER TO MAX
MARKER TO MIN

- 1 5.100000000 GHz
-22.226 dB
- 2 5.600000000 GHz
-23.600 dB
- 3 5.900000000 GHz
-32.009 dB

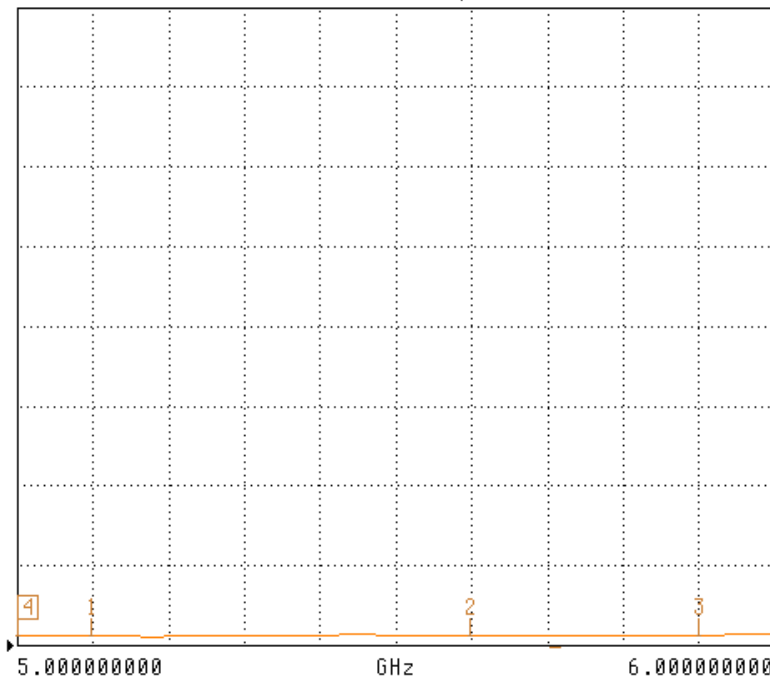
MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION

SWR

REF=0.000 pU

10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 4
5.000000000 GHz
1.157 U

MARKER TO MAX
MARKER TO MIN

- 1 5.100000000 GHz
1.173 U
- 2 5.600000000 GHz
1.150 U
- 3 5.900000000 GHz
1.196 U

MARKER READOUT
FUNCTIONS

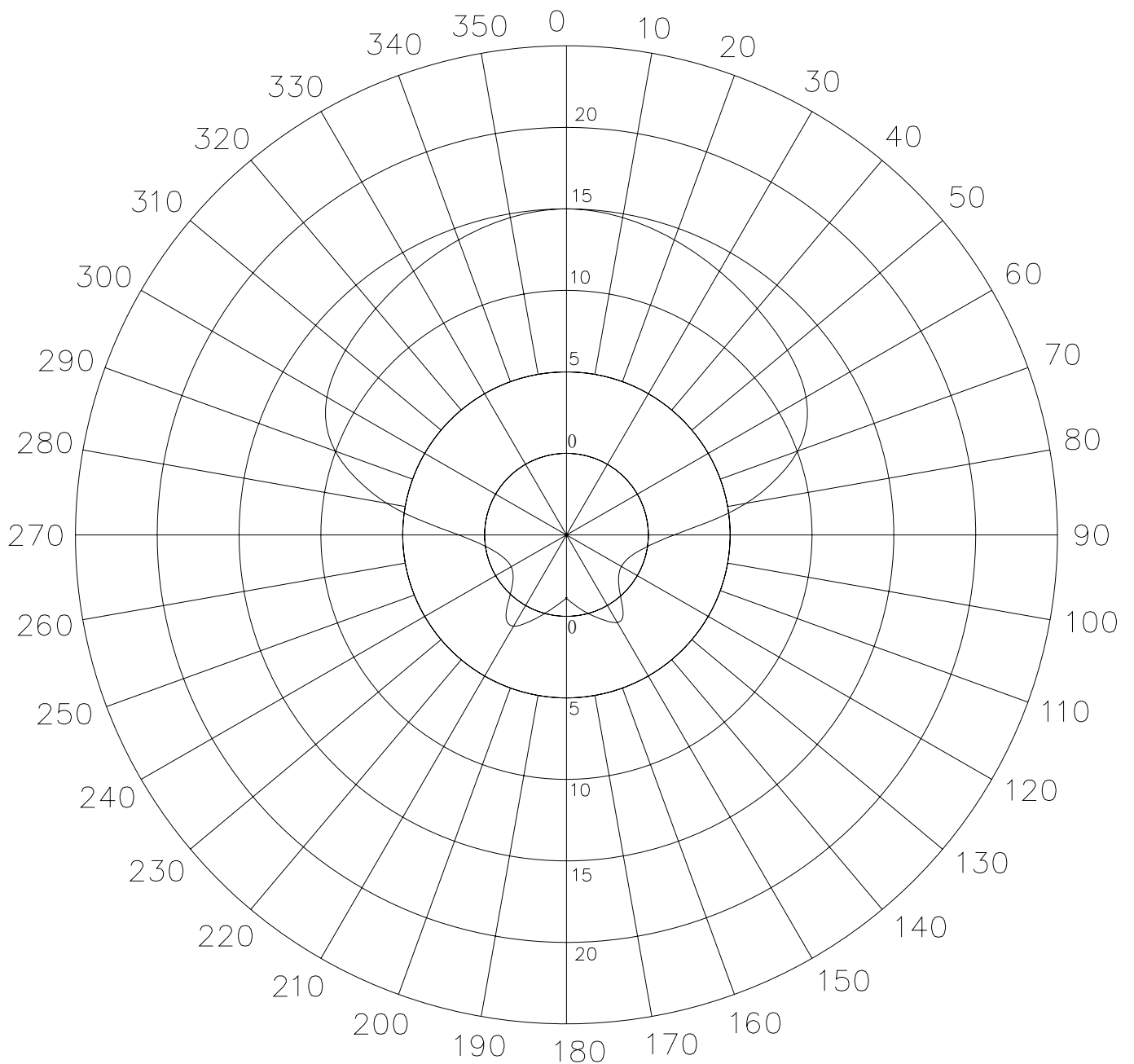
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H-PLANE FIELD PATTERNS



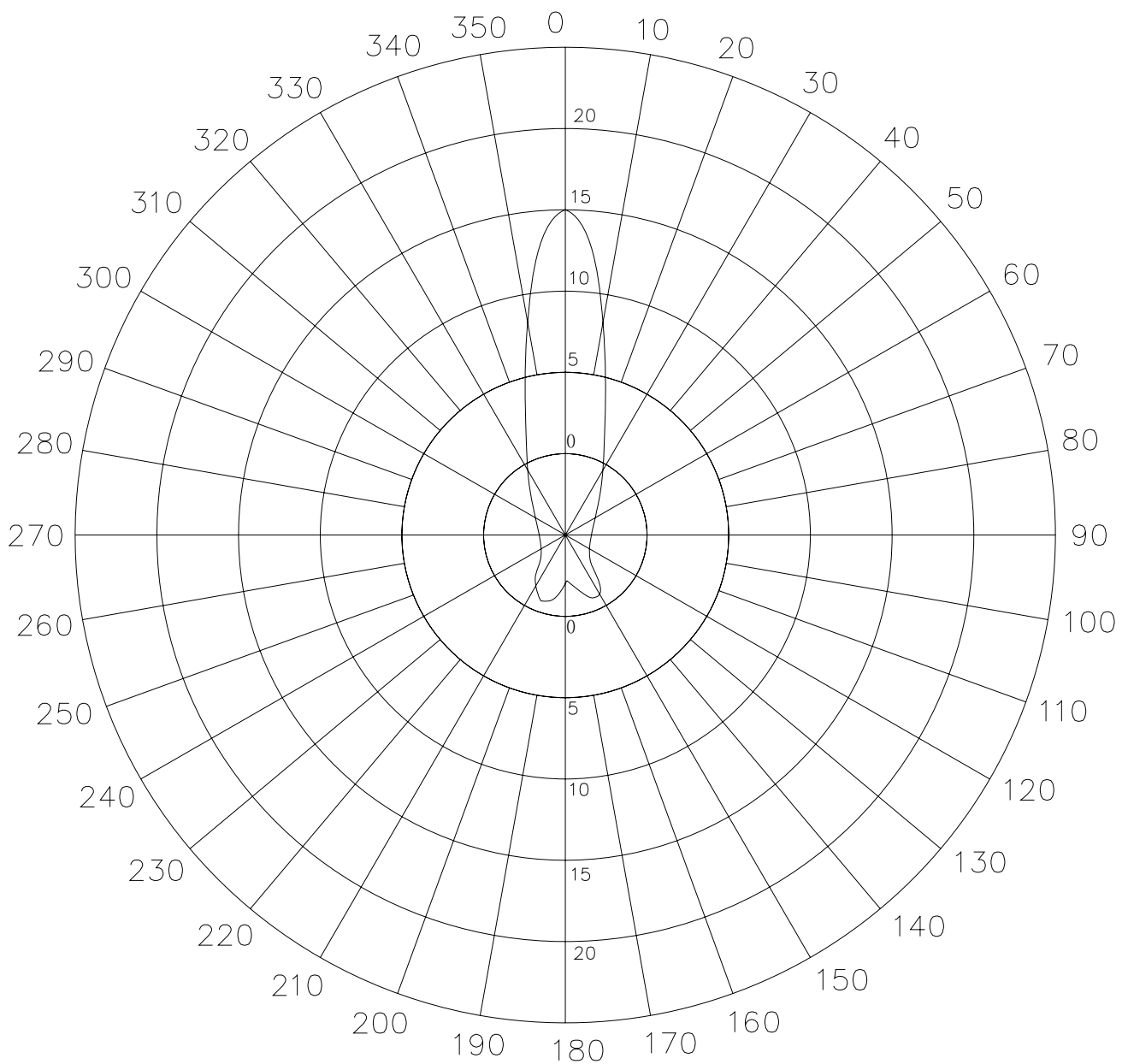
Directional Sector Antenna

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Version 1

1SC-51815

E-PLANE FIELD PATTERNS



Directional Sector Antenna

for 5.1 ~ 5.9GHz

Version 1

1SC-51815

