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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **GSM Directional Panel Antenna**

Part Number: **1PG-0909CP**

Date: **2009-01-16**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Directional Panel Antenna

for GSM

Version 1

1PG-0909CP

Electrical Specification:

Frequency	860~940 MHz
Part Number	1PG-0909CP
Polarization	LHCP
V.S.W.R.	1 : 2.0 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	9 dBi
Power handling	30W Max
Front to back ratio	20dB
HPBW / horizontal	70°
HPBW / vertical	70°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	SMA male
Length	263*263*30mm
Weight	1.68Kg
Radome color	WHITE
Radome material	PC+ABS

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S11 FORWARD REFLECTION

CH 1 - S11
REFERENCE PLANE
0.0000 mm

LOG MAGNITUDE ▶REF=0.000 dB 10.000 dB/DIV

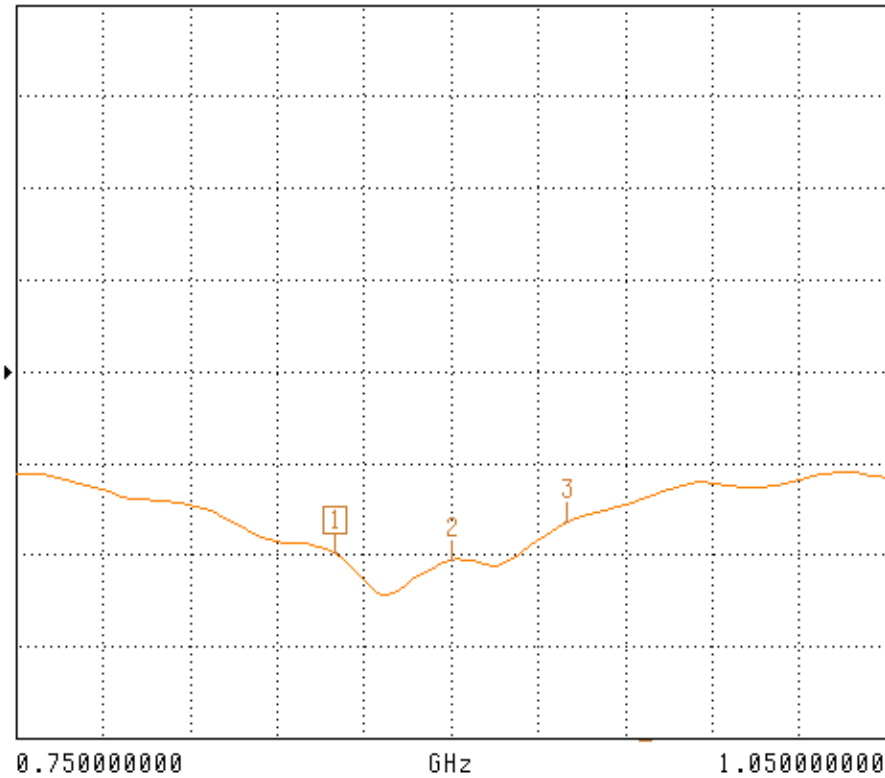
▶ MARKER 1
0.8600000000 GHz
-19.813 dB

MARKER TO MAX
MARKER TO MIN

2 0.9000000000 GHz
-20.586 dB

3 0.9400000000 GHz
-16.470 dB

MARKER READOUT
FUNCTIONS



S11 FORWARD REFLECTION

CH 1 - S11
REFERENCE PLANE
0.0000 mm

SWR ▶REF=0.000 pU 10.000 U/DIV

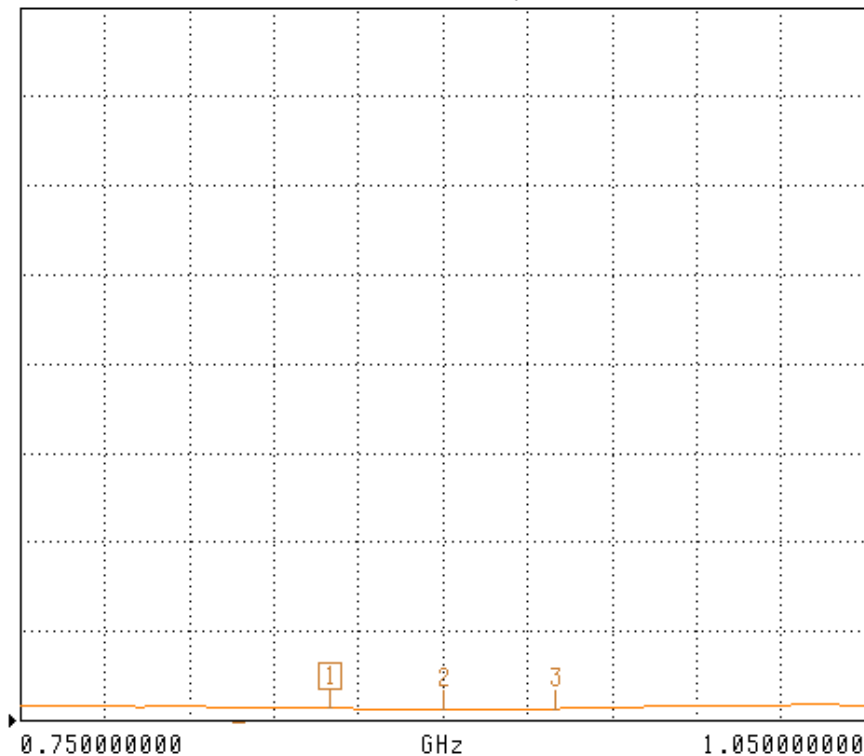
▶ MARKER 1
0.8600000000 GHz
1.327 U

MARKER TO MAX
MARKER TO MIN

2 0.9000000000 GHz
1.196 U

3 0.9400000000 GHz
1.253 U

MARKER READOUT
FUNCTIONS



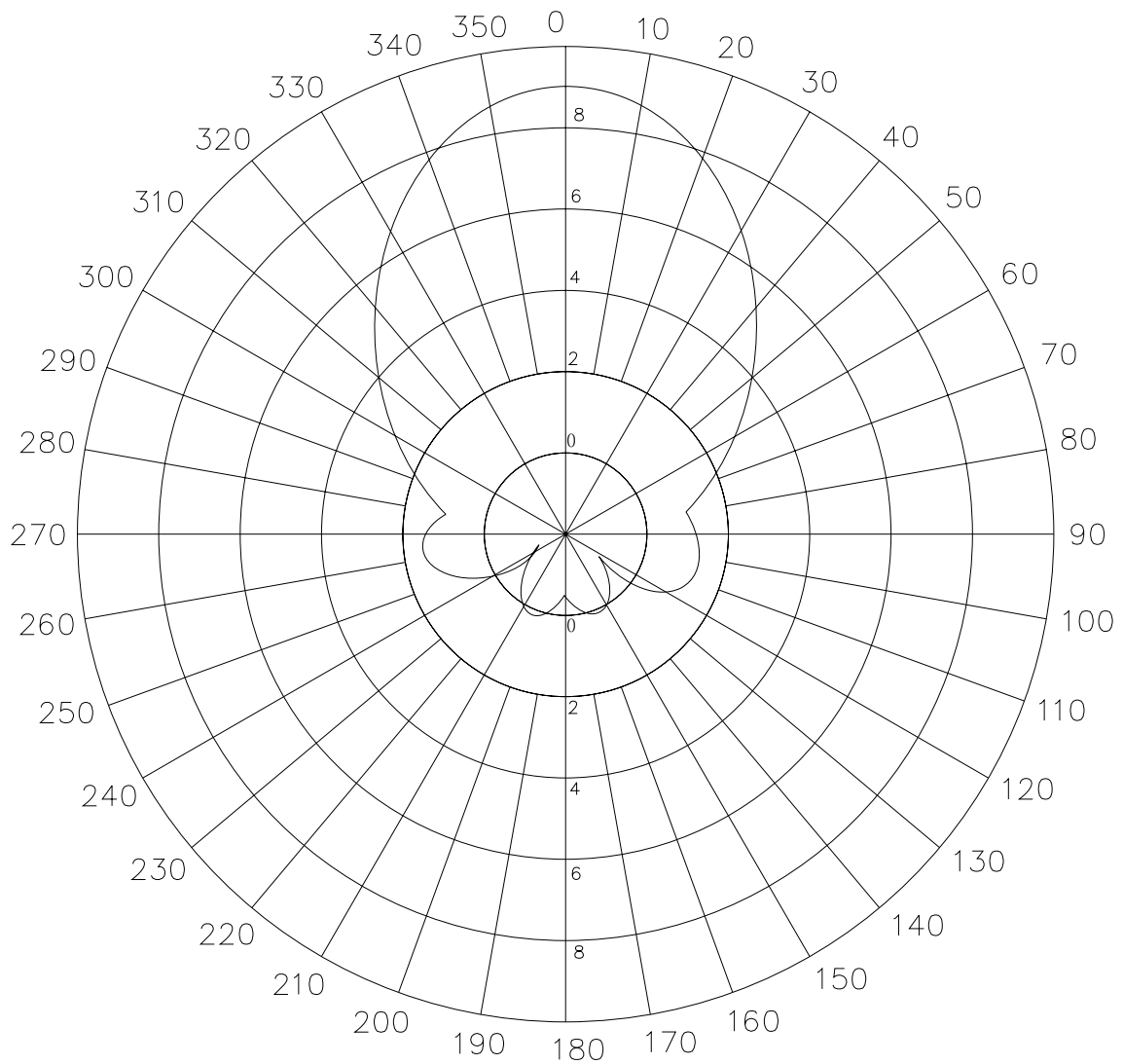
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H-PLANE FIELD PATTERNS



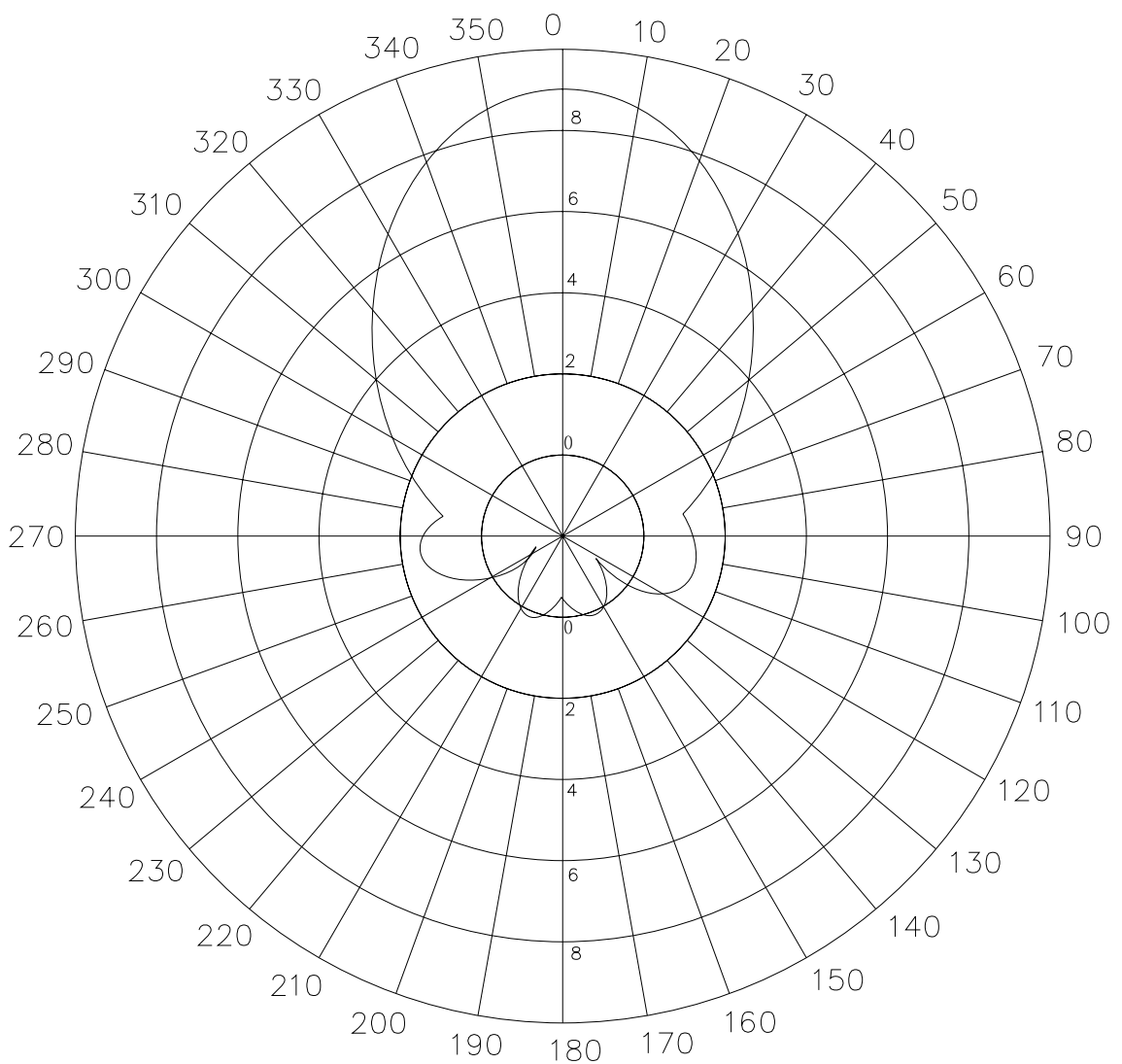
Directional Panel Antenna

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E-PLANE FIELD PATTERNS

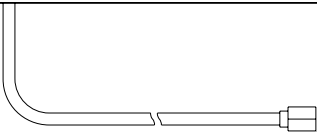
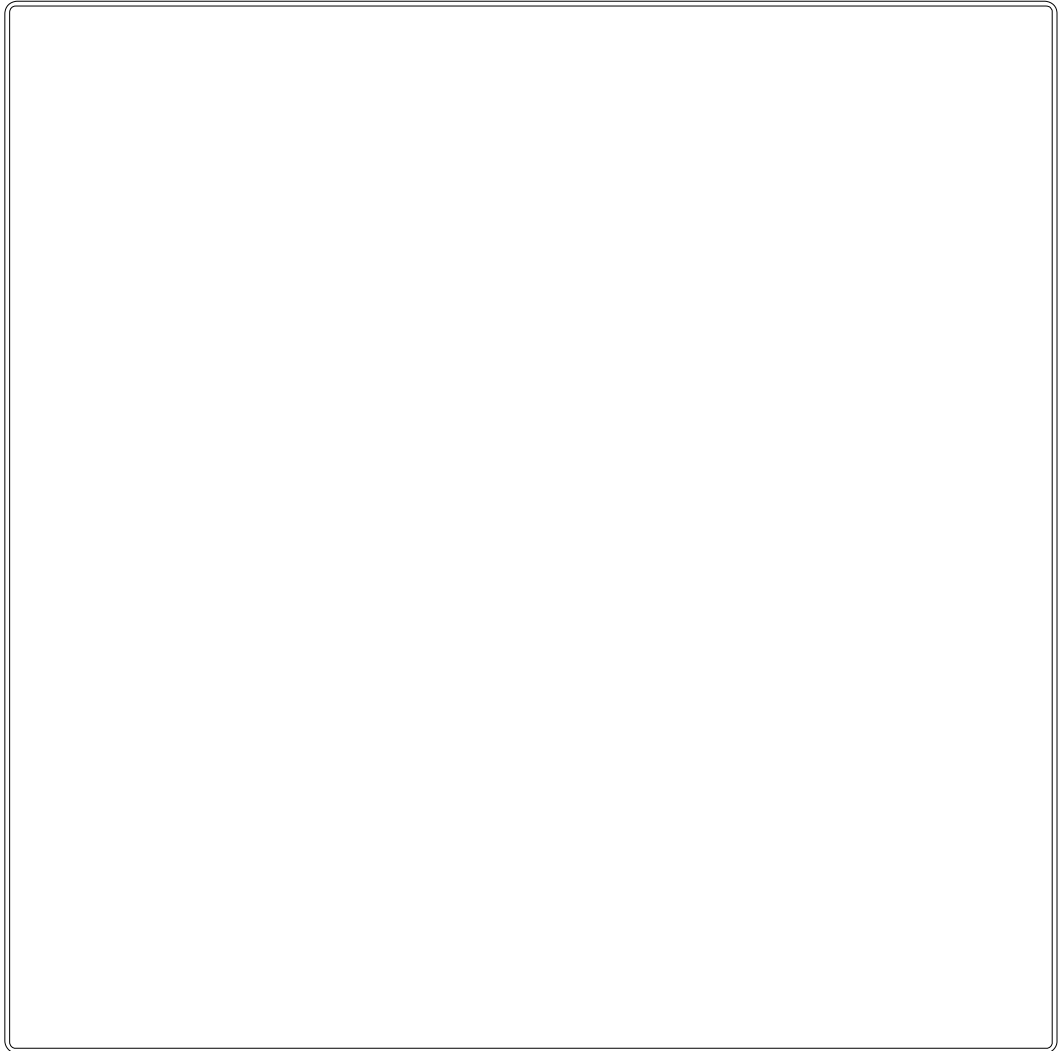
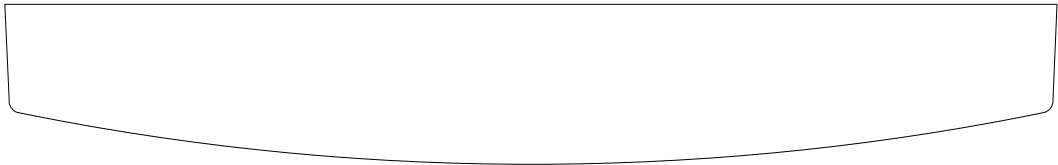


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SMA MALE