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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.16e Directional Panel Antenna**

Part Number: **1PG-33816**

Date: **2008-06-10**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33816TEC

Electrical Specification:

Frequency	3.3~3.8GHz
Part Number	1PG-33816TEC
Polarization	Linear
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5\Omega$
Gain	16 dBi
Power handling	30W Max
Front to back ratio	25dB
HPBW / horizontal	30°
HPBW / vertical	20°
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	MMCX Type Plug *2
Length	270*205*15mm
Weight	330g
Radome color	Gray-white
Radome material	PC and ABS

Directional Panel Antenna

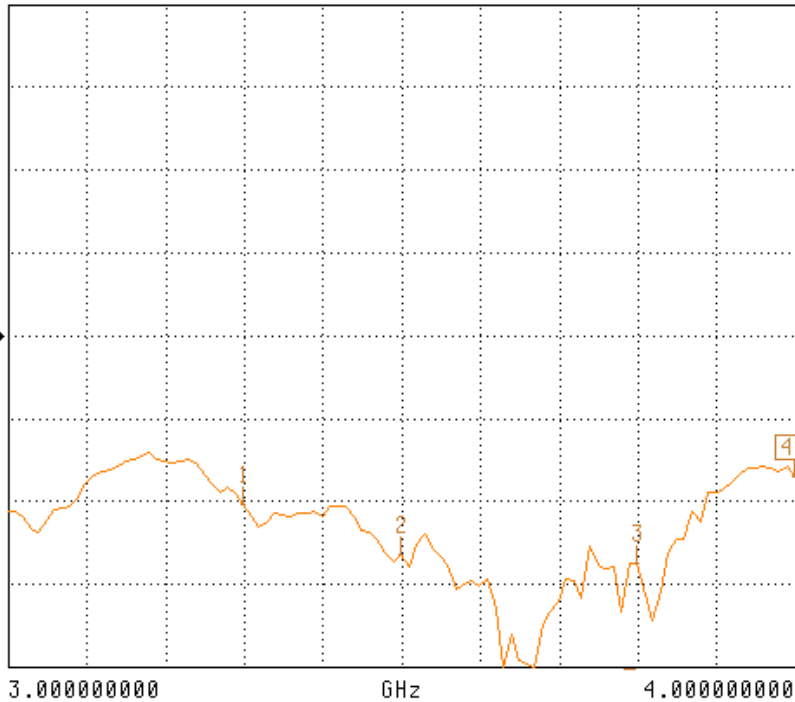
for 3.3~3.8GHz

Version 1

1PG-33816TEC

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 4
4.000000000 GHz
-17.161 dB

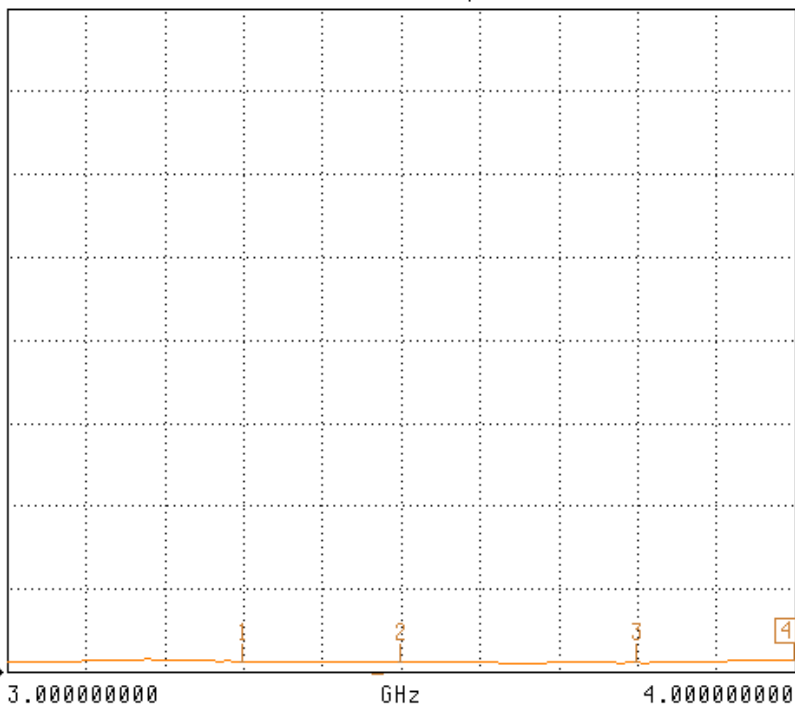
MARKER TO MAX
MARKER TO MIN

- 1 3.300000000 GHz
-20.508 dB
- 2 3.500000000 GHz
-26.527 dB
- 3 3.800000000 GHz
-27.466 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
4.000000000 GHz
1.325 U

MARKER TO MAX
MARKER TO MIN

- 1 3.300000000 GHz
1.220 U
- 2 3.500000000 GHz
1.085 U
- 3 3.800000000 GHz
1.075 U

MARKER READOUT
FUNCTIONS

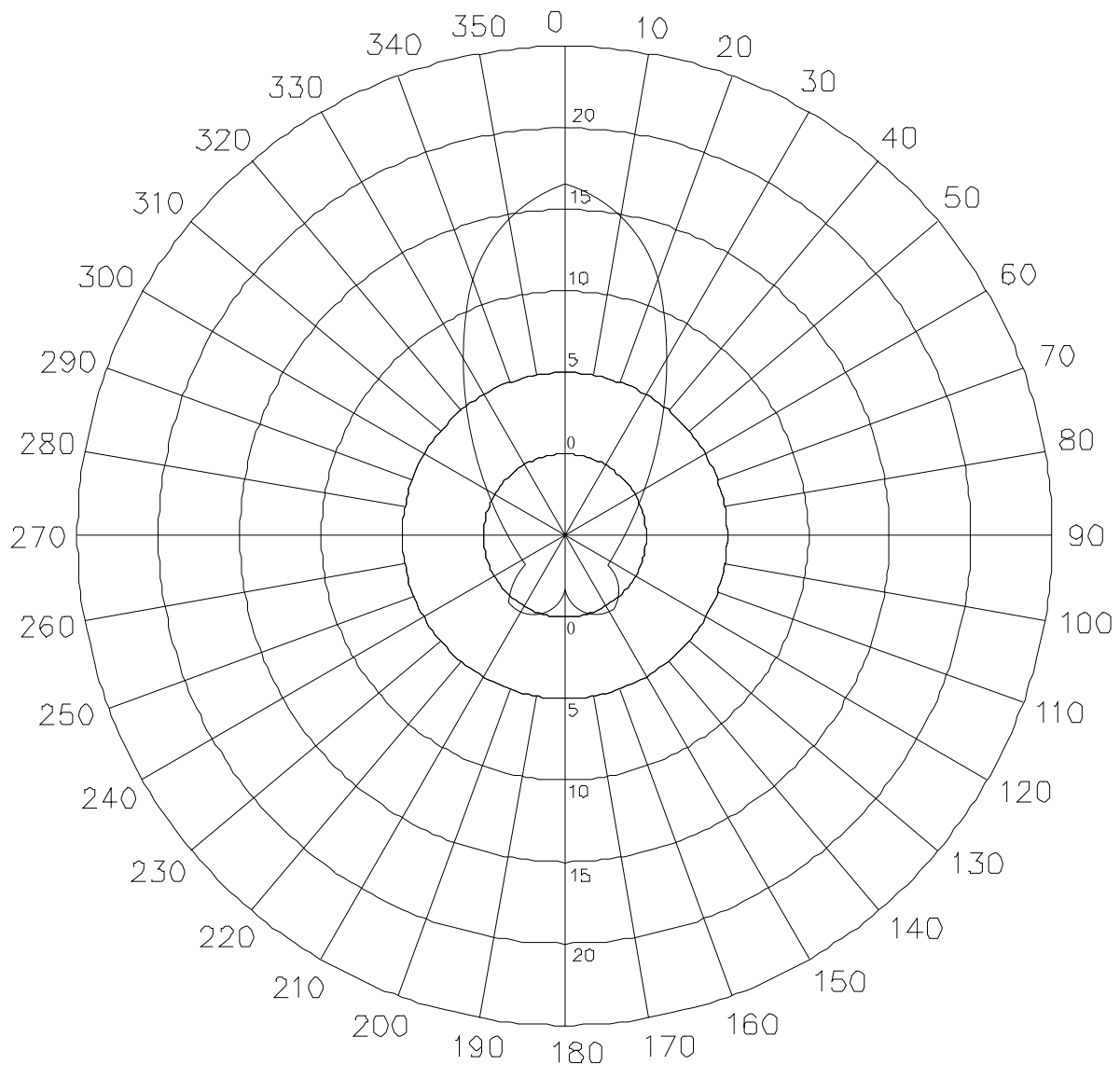
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H-PLANE FIELD PATTERNS



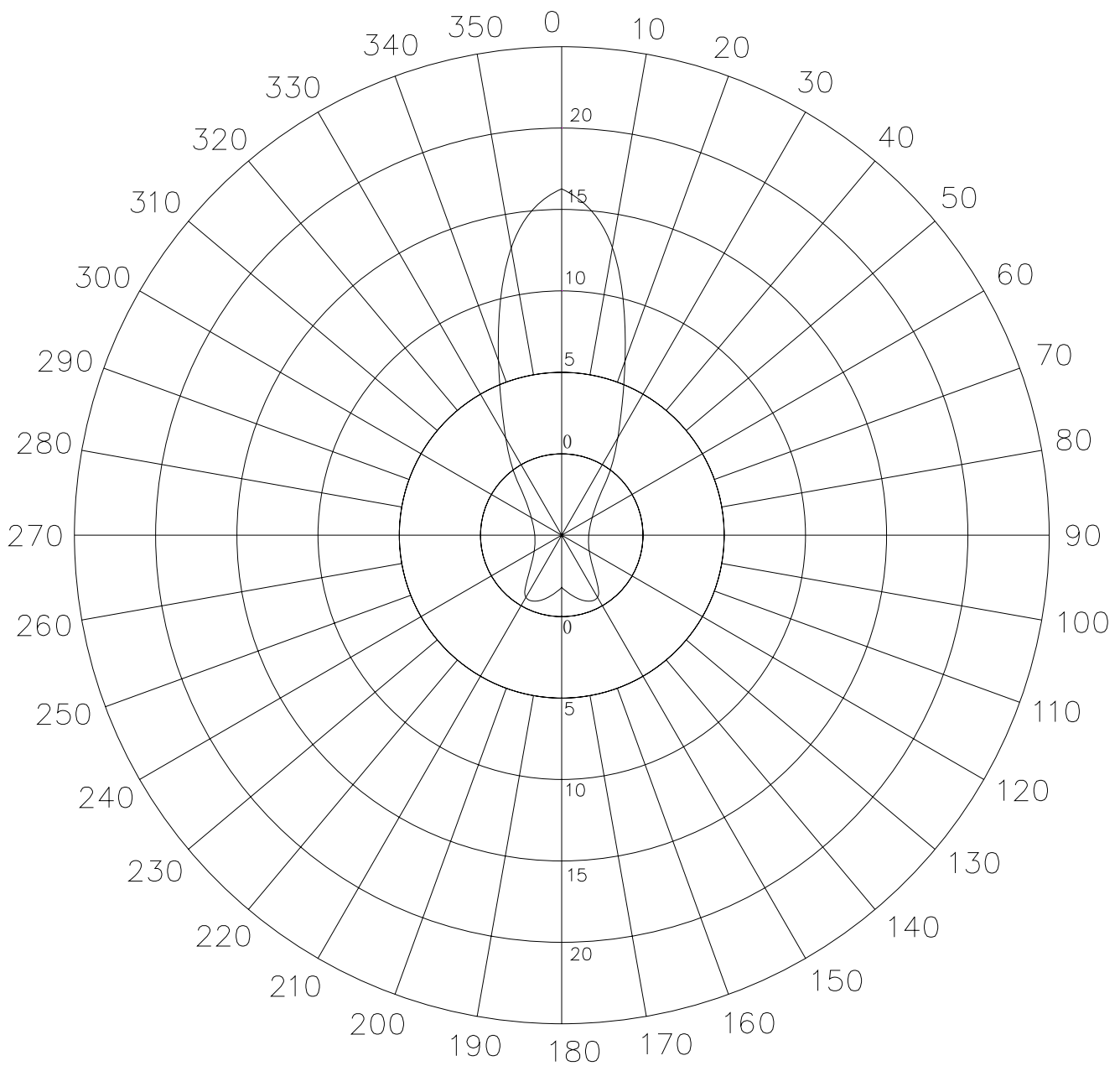
Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33816TEC

E-PLANE FIELD PATTERNS



Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33816TEC

