



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

NO. 23-2, HUNGMAU, HSIN-FENG VILLAGE, SHING-FENG SHIANG, HSIN-CHU, TAIWAN, R.O.C.

TEL:+886-3-5687918

FAX:+886-3-5686953

E-mail: service@ep.com.tw

<http://www.ep.com.tw>

承 認 書

SPECIFICATION FOR APPROVAL

Customer :

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

Part Number: **1PG-33818**

Date: **2008-05-28**

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-33818

Electrical Specification:

Frequency	3.3~3.8GHz
Part Number	1PG-33818
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	18 dBi
Power handling	10W Max
Front to back ratio	30dB
HPBW / horizontal	15°
HPBW / vertical	15°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	263 x 263 x 48mm
Weight	1.46Kg
Radome color	Gray-white
Radome material	PC and ABS

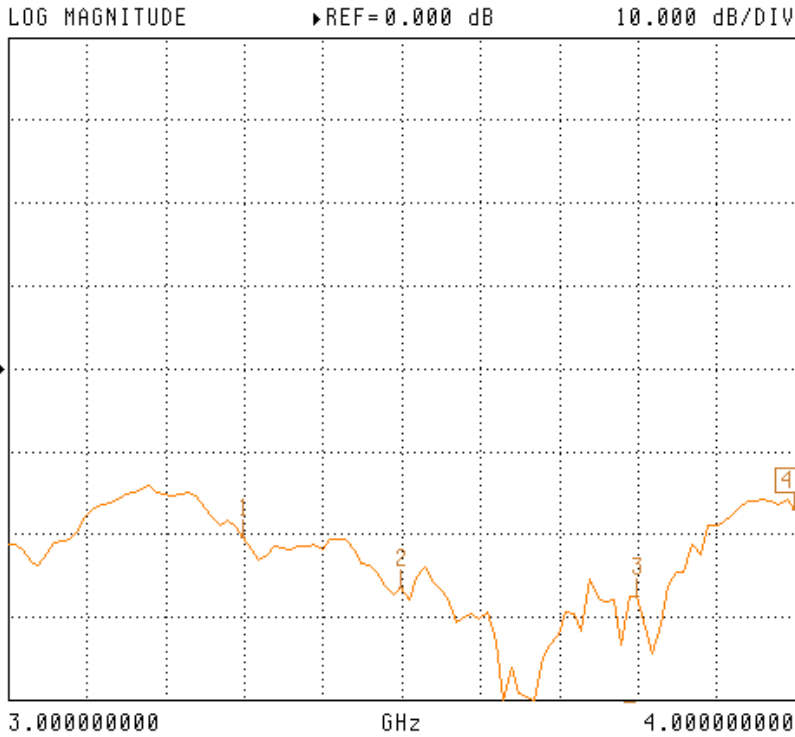
Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33818

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

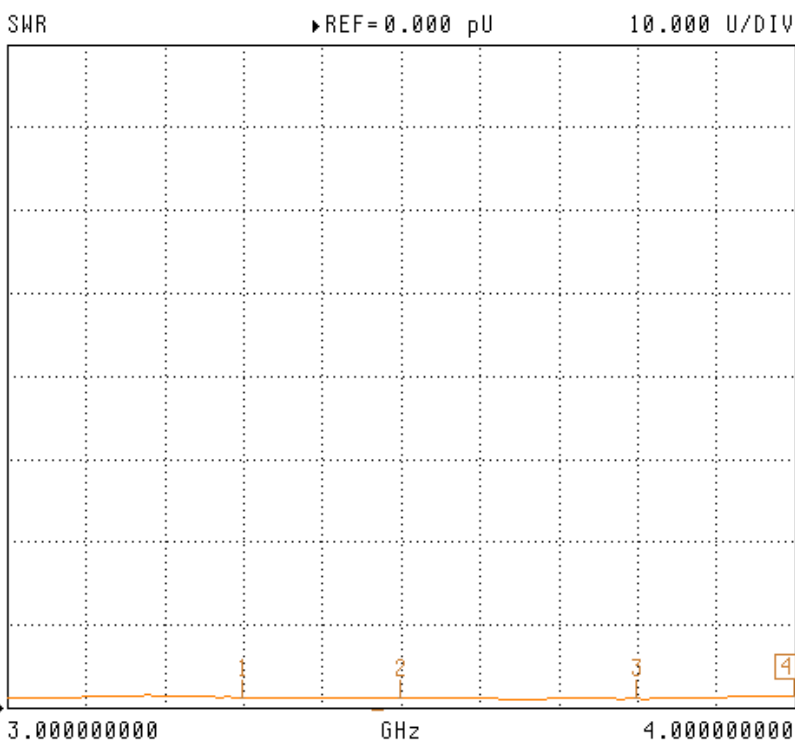
MARKER 4
4.000000000 GHz
-17.161 dB

MARKER TO MAX
MARKER TO MIN

- 1 3.300000000 GHz
-20.500 dB
- 2 3.500000000 GHz
-26.527 dB
- 3 3.800000000 GHz
-27.466 dB

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION



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

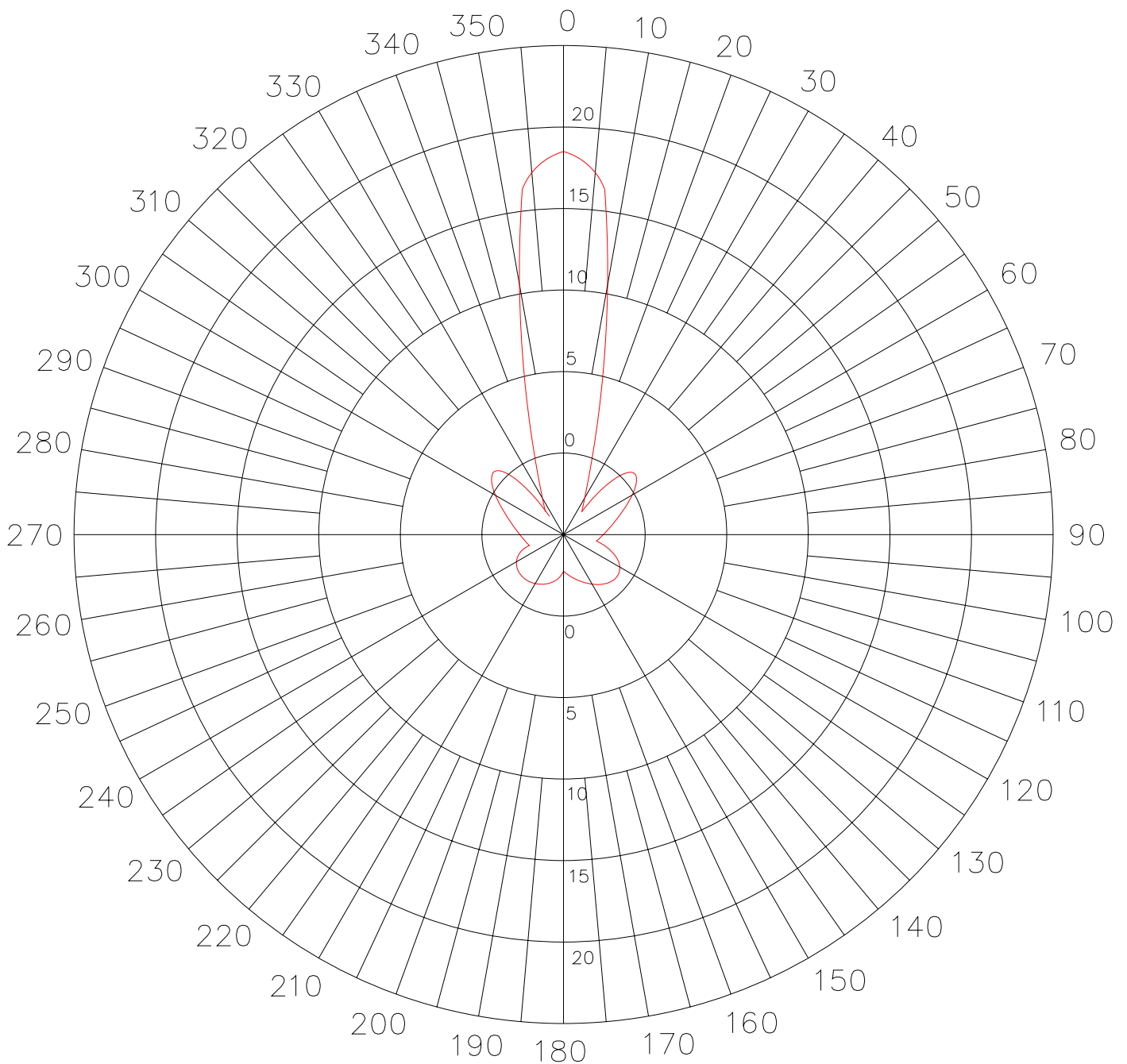
Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33818

H-PLANE FIELD PATTERNS



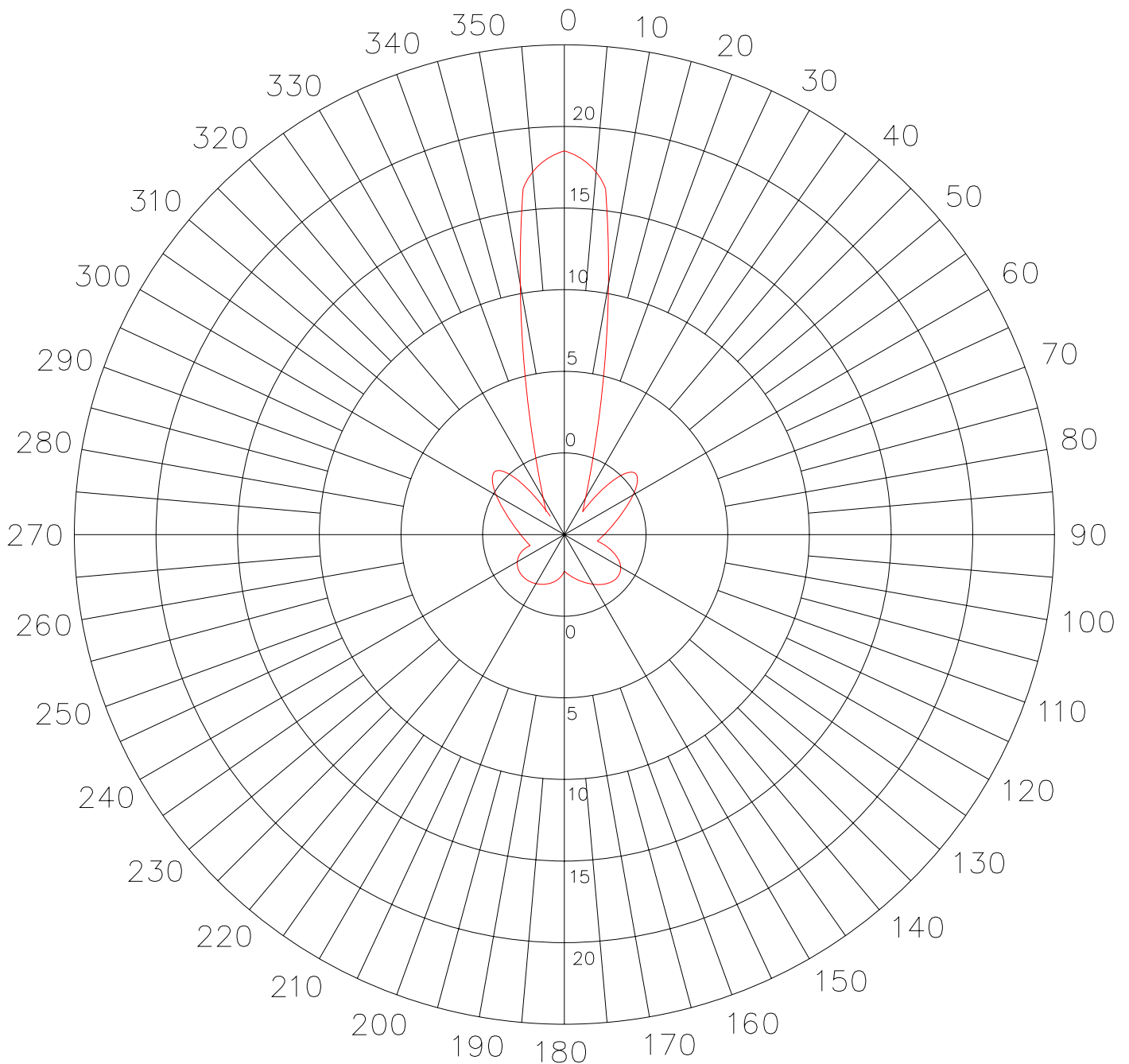
Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33818

E-PLANE FIELD PATTERNS



Directional Panel Antenna

for 3.3~3.8GHz

Version 1

1PG-33818

