



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

承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.11b Directional Panel Antenna**

Part Number: **1PG-2421A**

Date: **2008-07-14**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Directional Panel Antenna

for 2.4~2.5GHz

Version 1

1PG-2421A

Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1PG-2421A
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	21 dBi
Power handling	20W Max
Front to back ratio	35dB
HPBW / horizontal	20°
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	370*370*35mm
Weight	2.1Kg
Radome color	WHITE
Radome material	PVC

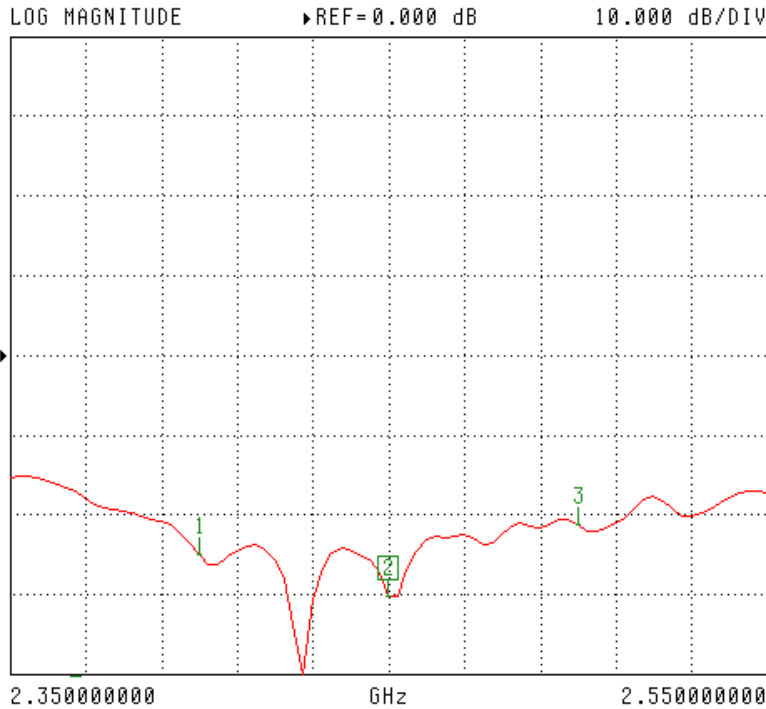
Directional Panel Antenna

for 2.4~2.5GHz

Version 1

1PG-2421A

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

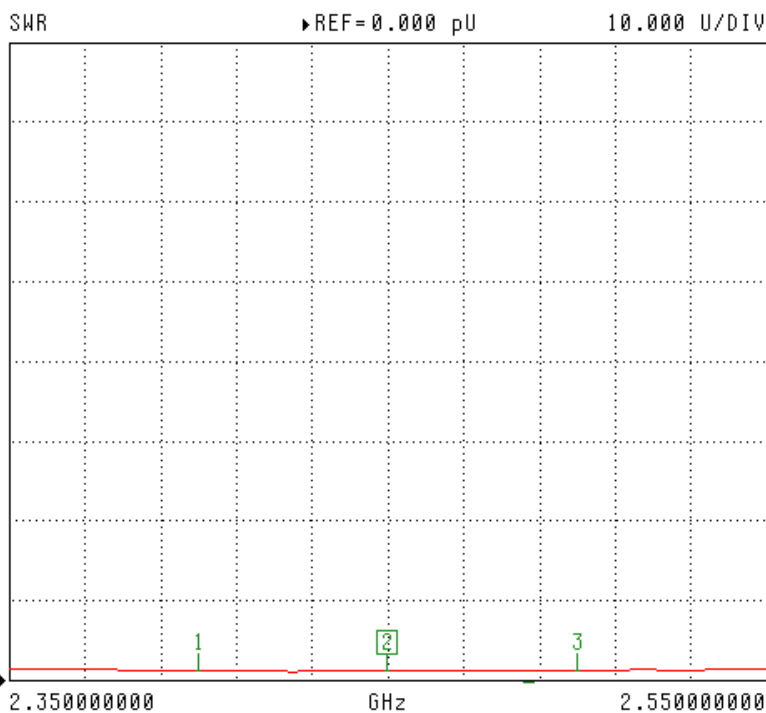
MARKER 2
2.450000000 GHz
-30.195 dB

MARKER TO MAX
MARKER TO MIN

1 2.400000000 GHz
-25.011 dB
3 2.500000000 GHz
-21.255 dB

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 2
2.450000000 GHz
1.077 U

MARKER TO MAX
MARKER TO MIN

1 2.400000000 GHz
1.136 U
3 2.500000000 GHz
1.182 U

MARKER READOUT
FUNCTIONS

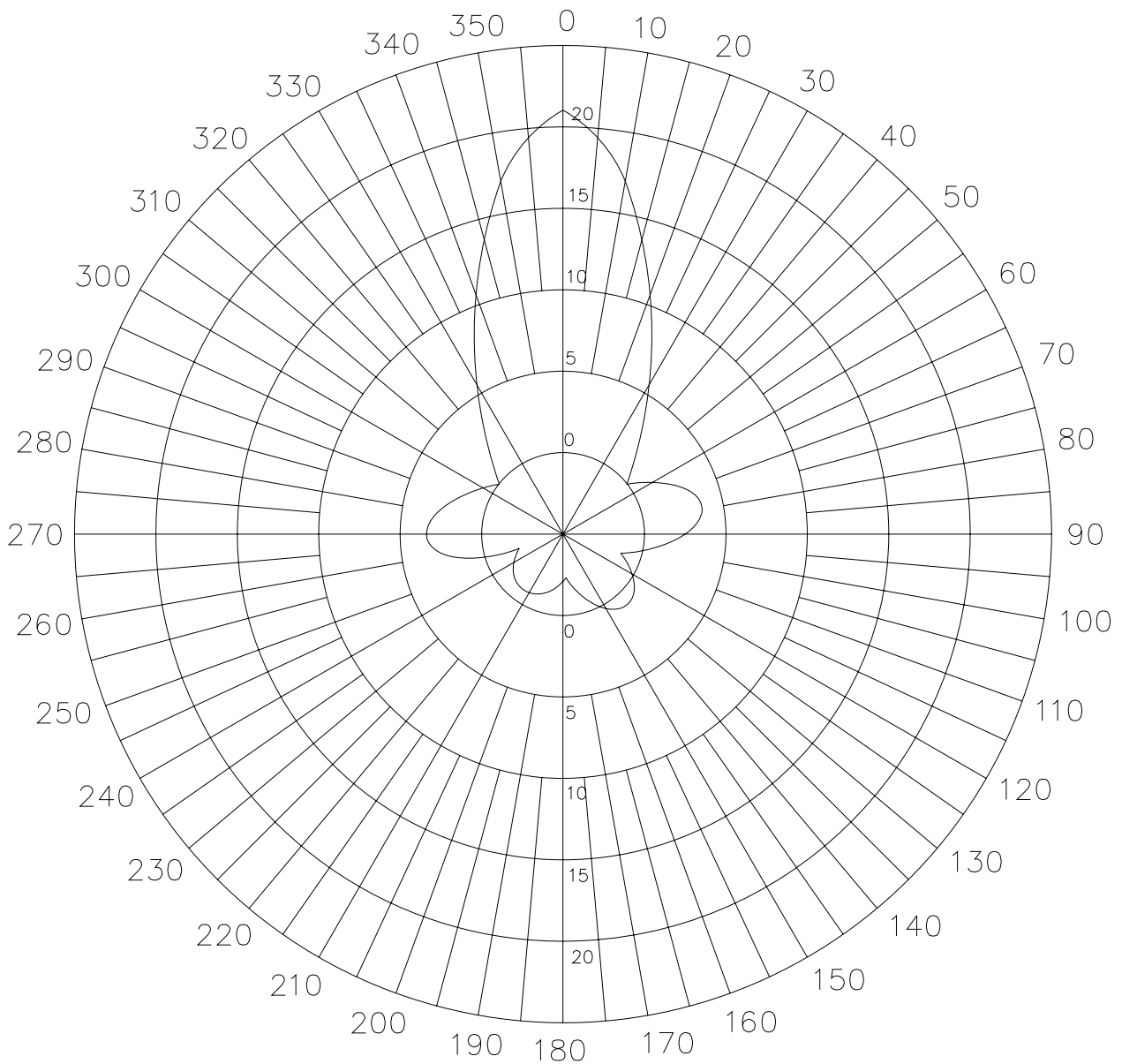
Directional Panel Antenna

for 2.4~2.5GHz

Version 1

1PG-2421A

H-PLANE FIELD PATTERNS



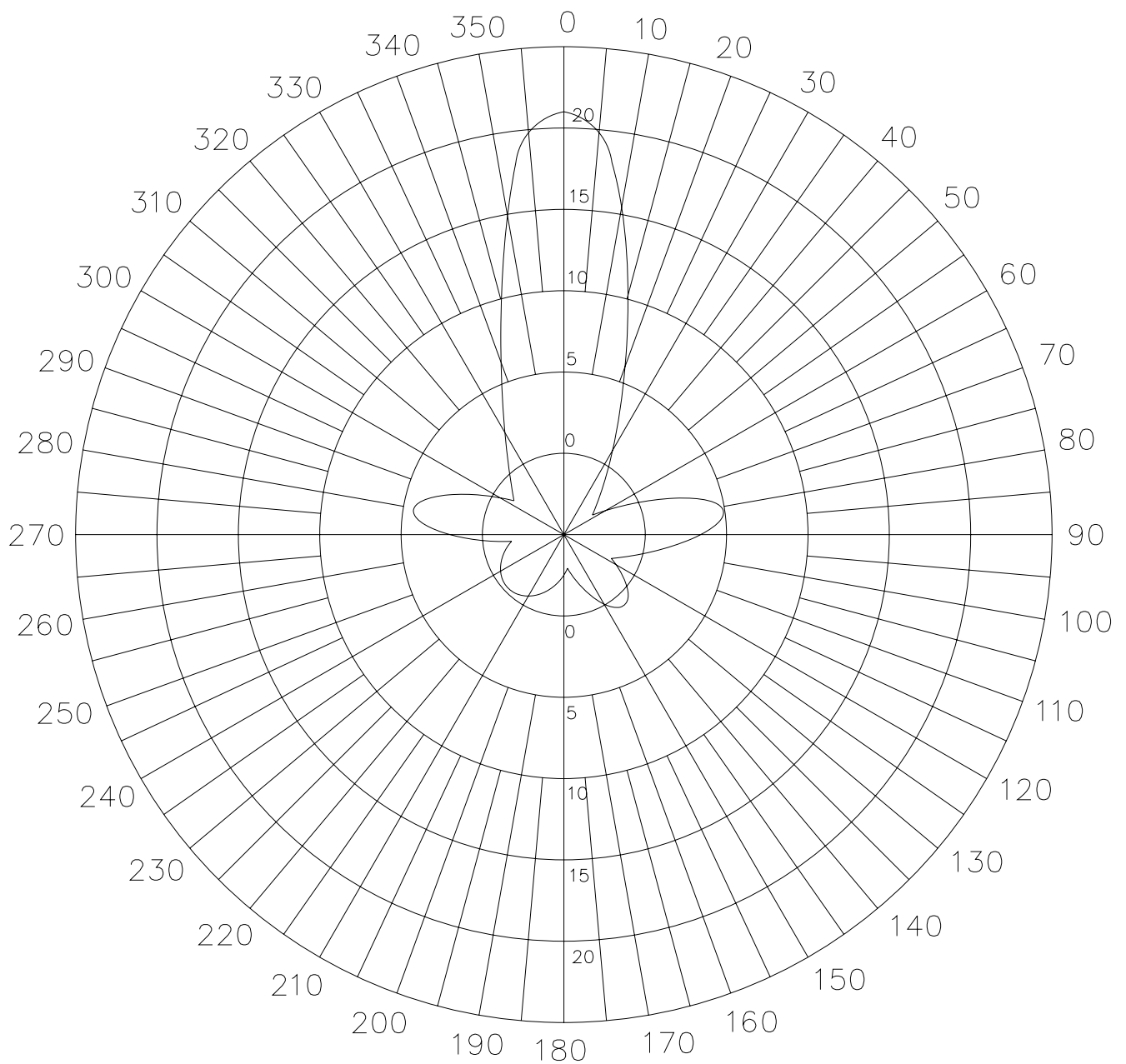
Directional Panel Antenna

for 2.4~2.5GHz

Version 1

1PG-2421A

E-PLANE FIELD PATTERNS



Directional Panel Antenna

for 2.4~2.5GHz

Version 1

1PG-2421A

