



久 菘 科 技 股 份 有 限 公 司
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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.11n Directional MIMO Panel Antenna**

Part Number: **1PGM-2612**

Date: **2008-12-26**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Directional MIMO Panel Antenna

for 2.5~2.7GHz

Version 1

1PGM-2612

Electrical Specification:

| | |
|-----------------------|-----------------------|
| Frequency | 2.5~2.7GHz |
| Part Number | 1PGM-2612 |
| Polarization | Linear |
| V.S.W.R. | 1 : 1.5 Max |
| Impedance | 50 OHMS $\pm 5\Omega$ |
| Gain | 12 dBi |
| Power handling | 15W Max |
| Front to back ratio | 30dB |
| HPBW / horizontal | 30° |
| HPBW / vertical | 30° |
| Rated Wind | 3.0 lbs. (1.4 kg) |
| Operating Temperature | -20°C~60°C |

MECHANICAL SPECIFICATION

| | |
|-----------------|------------------|
| Connector Type | N Type Female X3 |
| Length | 270*205*15mm |
| Weight | 750g |
| Radome color | Gray-white |
| Radome material | PC and ABS |

Directional MIMO Panel Antenna

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Version 1

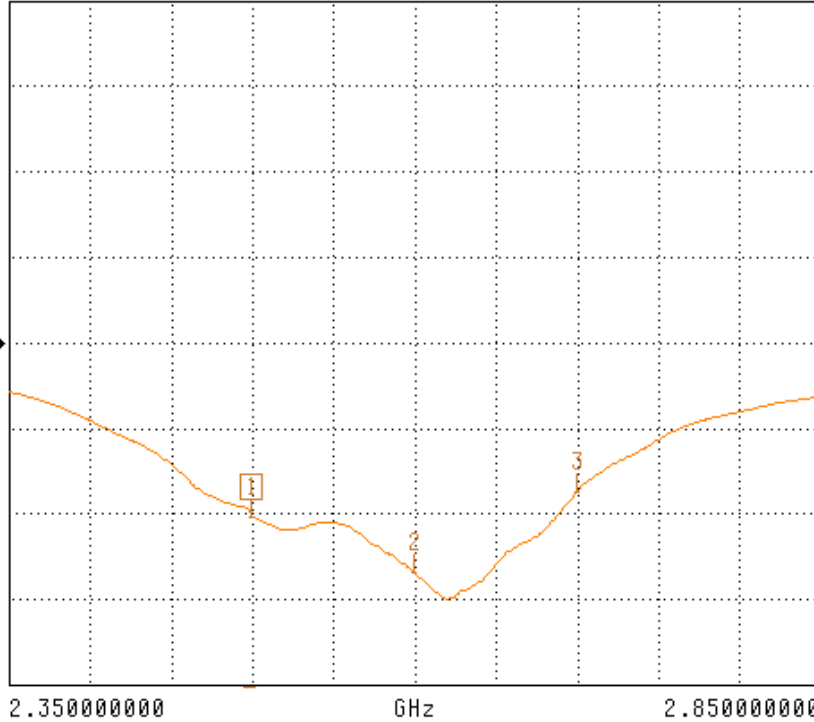
1PGM-2612

S11 FORWARD REFLECTION

LOG MAGNITUDE

REF=0.000 dB

10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.500000000 GHz
-20.503 dB

MARKER TO MAX
MARKER TO MIN

2 2.600000000 GHz
-26.901 dB

3 2.700000000 GHz
-17.512 dB

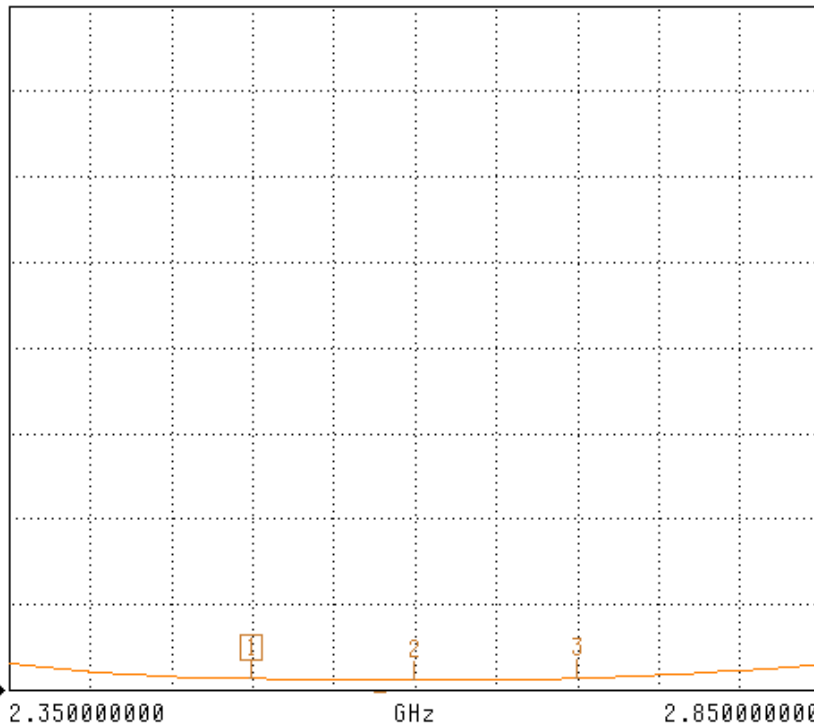
MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION

SWR

REF=0.000 pU

10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.500000000 GHz
1.287 U

MARKER TO MAX
MARKER TO MIN

2 2.600000000 GHz
1.087 U

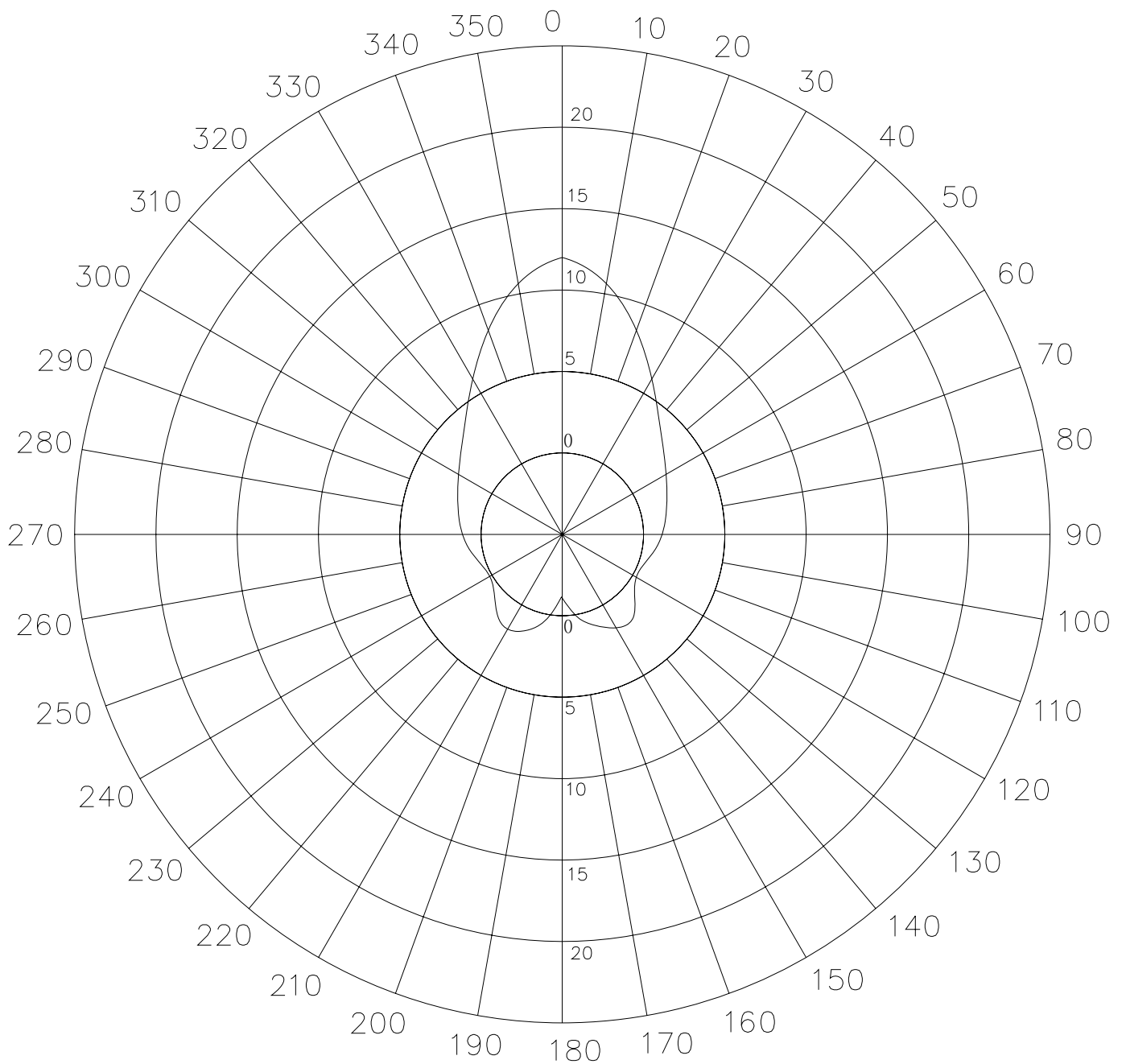
3 2.700000000 GHz
1.297 U

MARKER READOUT
FUNCTIONS

Directional MIMO Panel Antenna for 2.5~2.7GHz Version 1

1PGM-2612

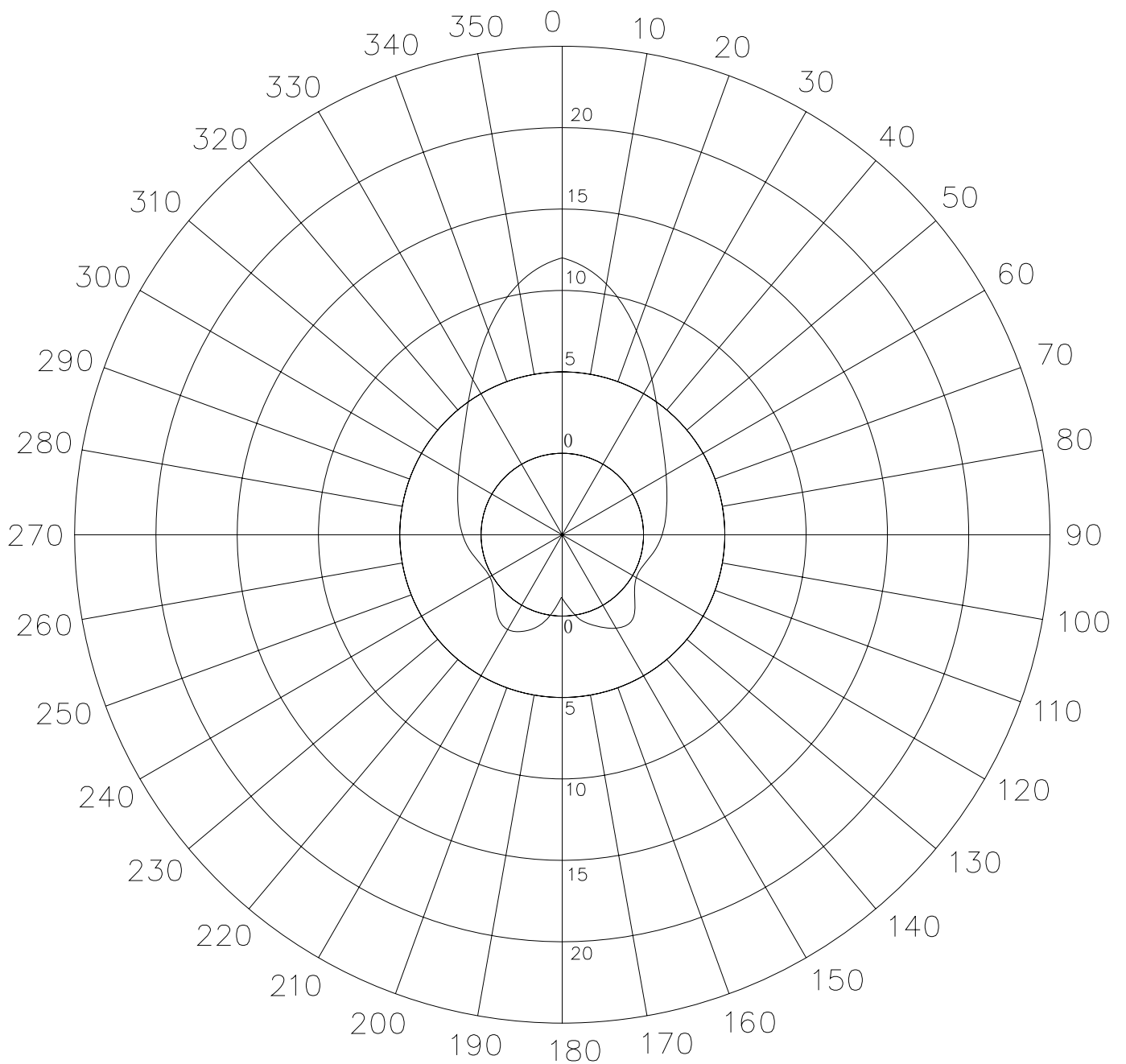
H-PLANE FIELD PATTERNS



Directional MIMO Panel Antenna for 2.5~2.7GHz Version 1

1PGM-2612

E-PLANE FIELD PATTERNS



Directional MIMO Panel Antenna for 2.5~2.7GHz Version 1

1PGM-2612

