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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

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

Part Number: **1PGM-2412-1**

Date: **2008-05-28**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Directional MIMO Panel Antenna

for 2.4~2.5GHz

Version 1

1PGM-2412-1

Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1PG-2412-1
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	263*263*48mm
Weight	1365g
Radome color	Gray-white
Radome material	PC and ABS

Directional MIMO Panel Antenna

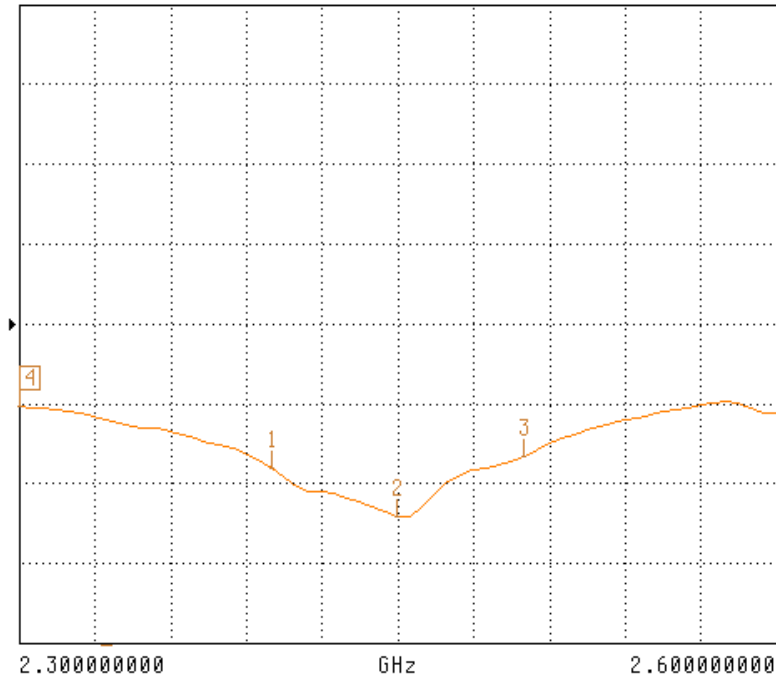
for 2.4~2.5GHz

Version 1

1PGM-2412-1

S11 FORWARD REFLECTION

LOG MAGNITUDE ▶REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 4
2.300000000 GHz
-10.331 dB

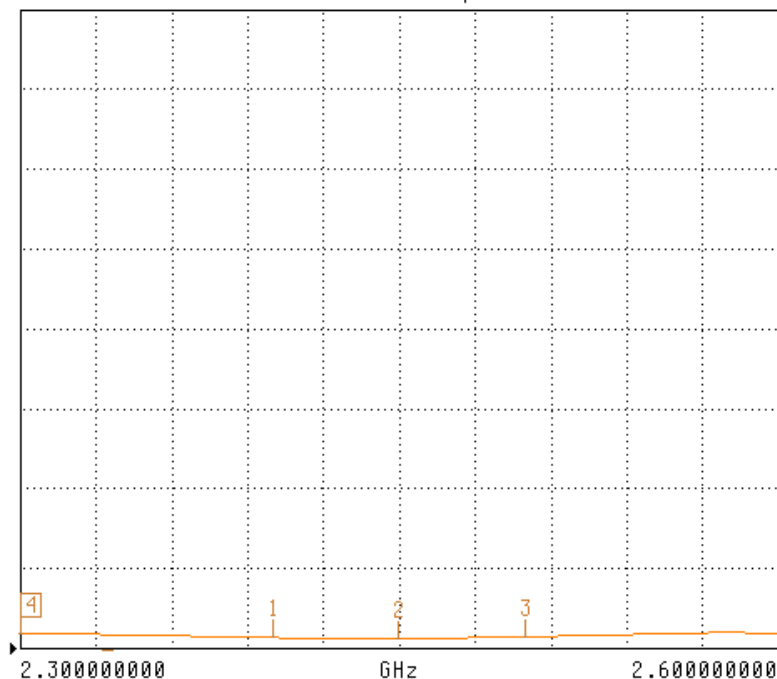
▶ MARKER TO MAX
MARKER TO MIN

1	2.400000000 GHz	-18.183 dB
2	2.450000000 GHz	-24.285 dB
3	2.500000000 GHz	-16.557 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
2.300000000 GHz
1.879 U

▶ MARKER TO MAX
MARKER TO MIN

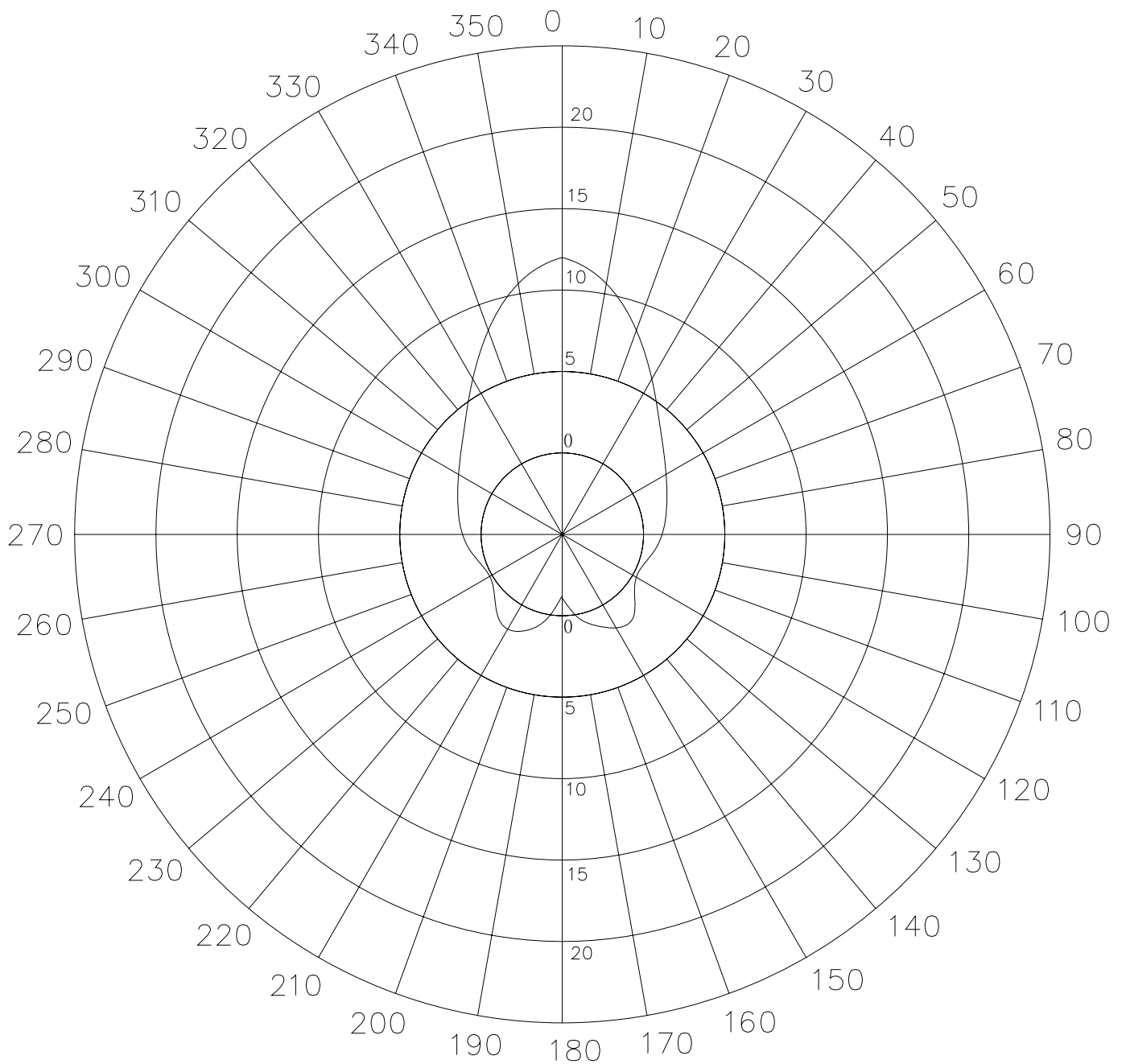
1	2.400000000 GHz	1.282 U
2	2.450000000 GHz	1.131 U
3	2.500000000 GHz	1.348 U

MARKER READOUT
FUNCTIONS

Directional MIMO Panel Antenna for 2.4~2.5GHz **Version 1**

1PGM-2412-1

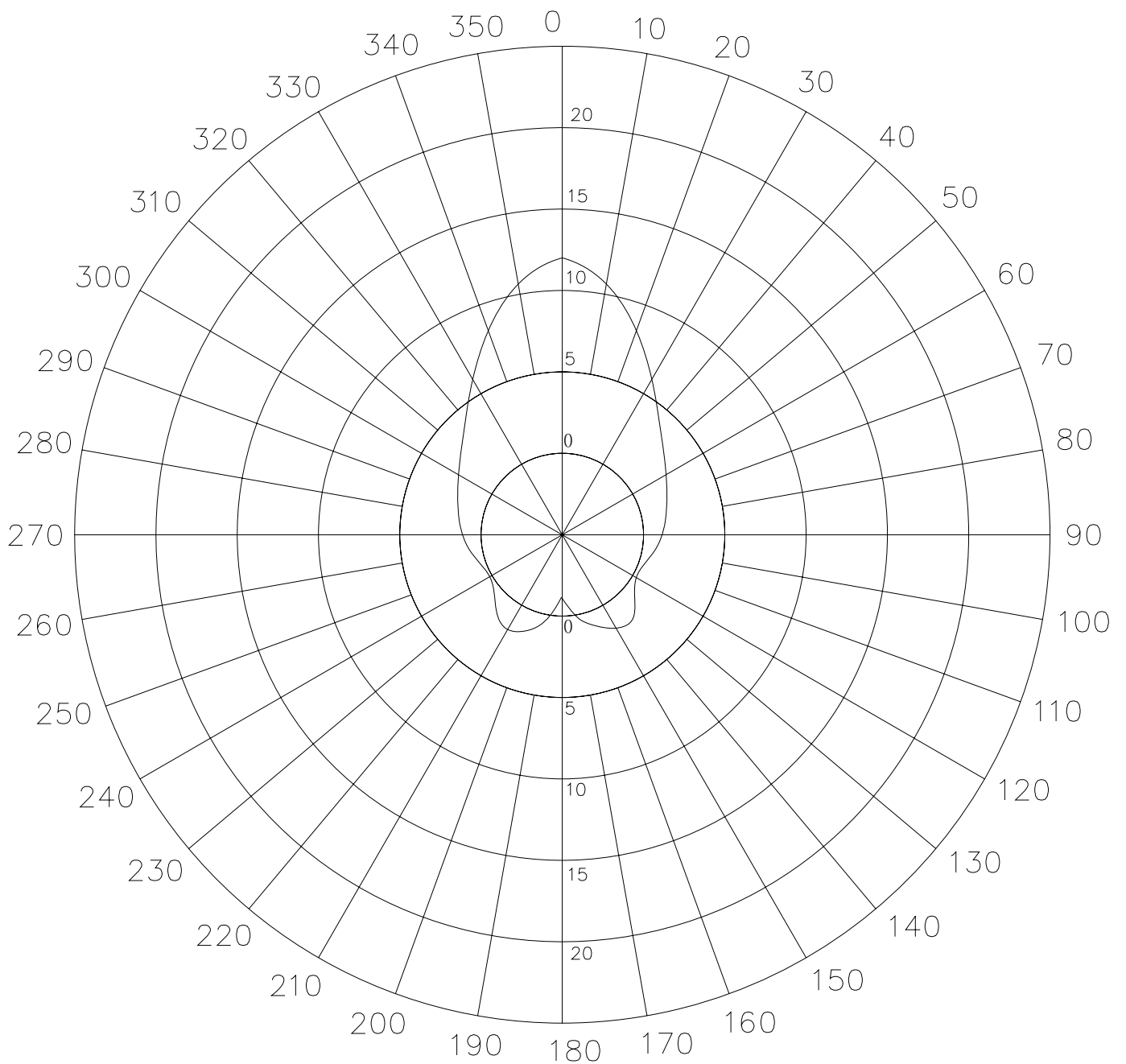
H-PLANE FIELD PATTERNS



Directional MIMO Panel Antenna for 2.4~2.5GHz Version 1

1PGM-2412-1

E-PLANE FIELD PATTERNS

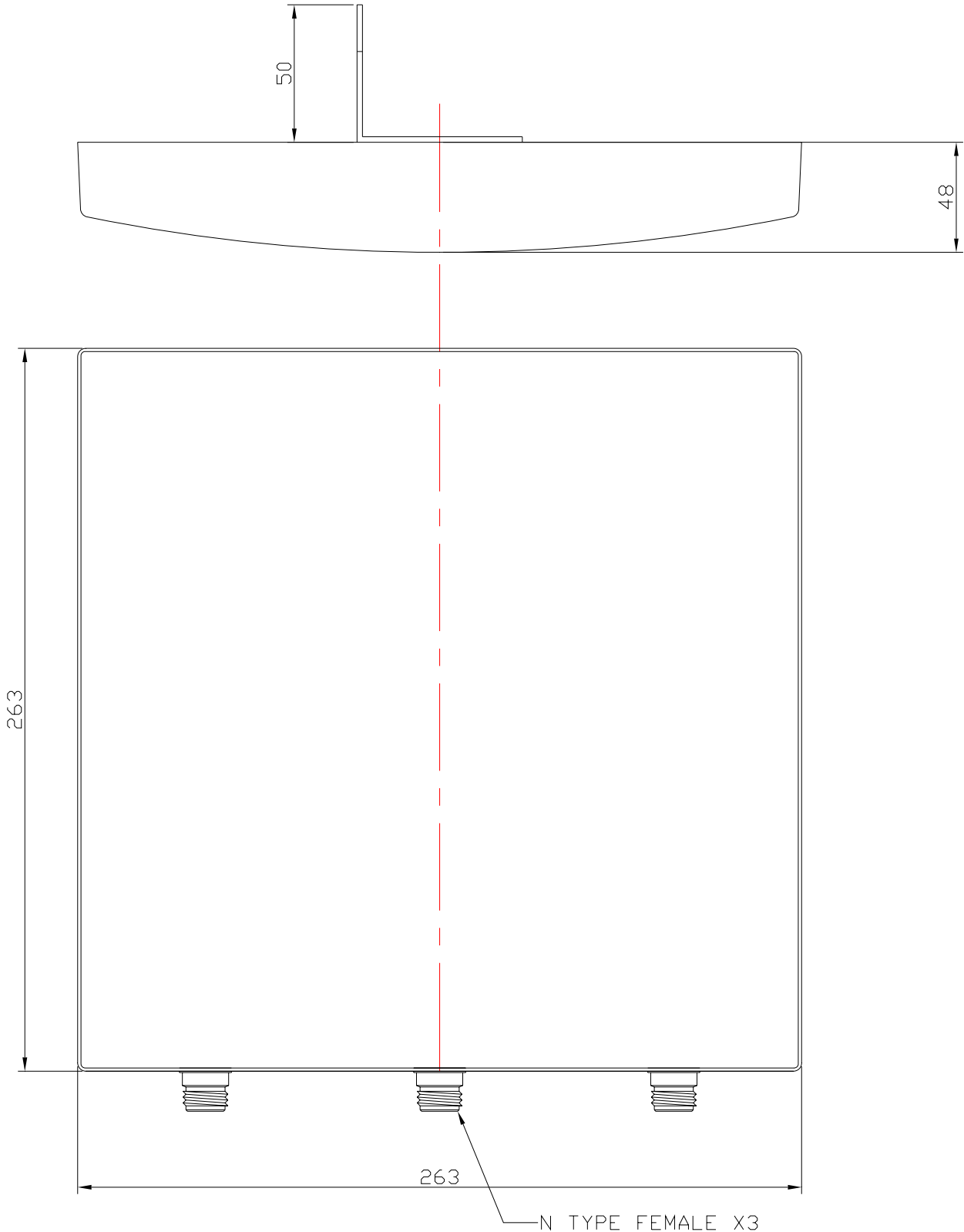


Directional MIMO Panel Antenna

for 2.4~2.5GHz

Version 1

1PGM-2412-1



Directional MIMO Panel Antenna for 2.4~2.5GHz Version 2

1PGM-2412-1

