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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.11b/g Array Antenna**

Part Number: **1AR-2412CP**

Date: **2008-07-12**

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Customer Evaluation:

**PASS**

**NG**

Approved Date:

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Evertime Communication Approved By : \_\_\_\_\_ Date:

Evertime Communication Prepared By : \_\_\_\_\_ Date:

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# 802.11b+g Array Antenna

for 2.4~2.5GHz

Version 1

1AR-2412CP

## Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1PG-2412CP
Polarization	CP
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5\Omega$
Gain	12 dBi
Power handling	10W Max
HPBW / horizontal	360°
HPBW / vertical	30°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20°C~60°C

## MECHANICAL SPECIFICATION

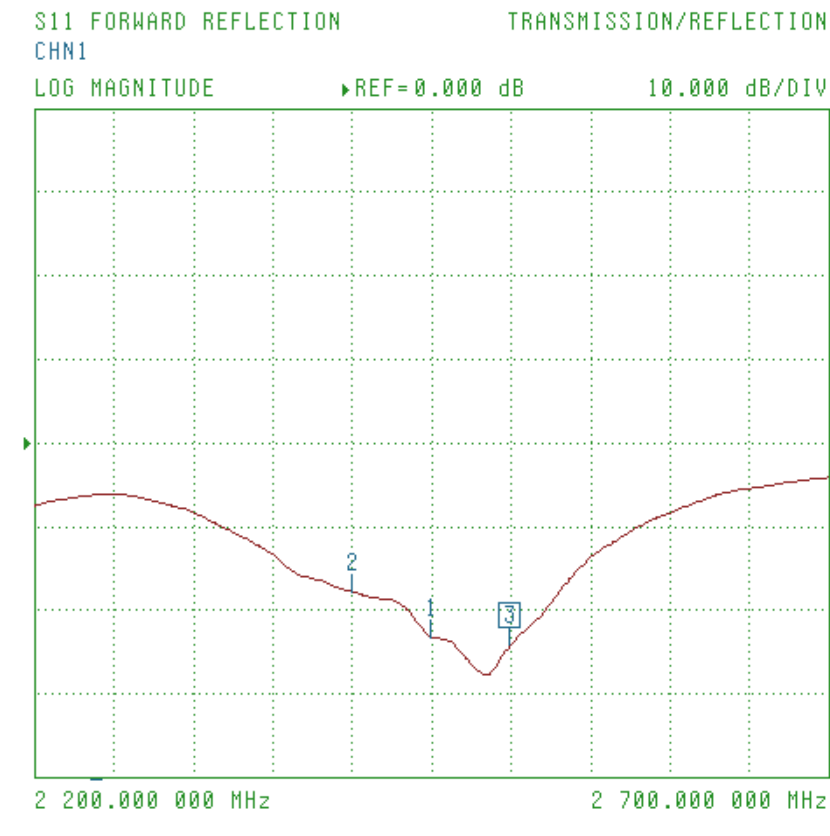
Connector Type	N Type Female
SPLITTER	2-PORTS*3
Length	Ø400*220mm
Weight	6kg
Radome color	Gray-white
Radome material	PC and ABS

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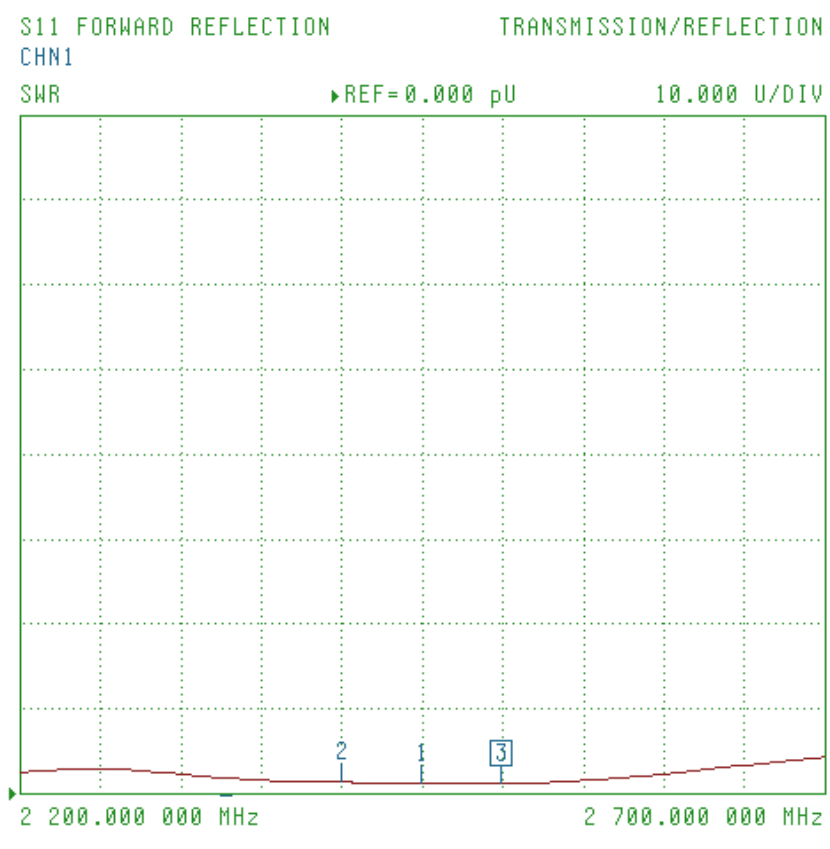
CH 1 - S11  
REFERENCE PLANE  
0.0000 mm

- 1: 2.450000000 GHz  
-23.281 dB
- 2: 2.400000000 GHz  
-17.798 dB
- 3: 2.500000000 GHz  
-24.276 dB

4: OFF

MARKER TO PEAK

MORE



CH 1 - S11  
REFERENCE PLANE  
0.0000 mm

- 1: 2.450000000 GHz  
1.147 U
- 2: 2.400000000 GHz  
1.297 U
- 3: 2.500000000 GHz  
1.127 U

4: OFF

MARKER TO PEAK

MORE

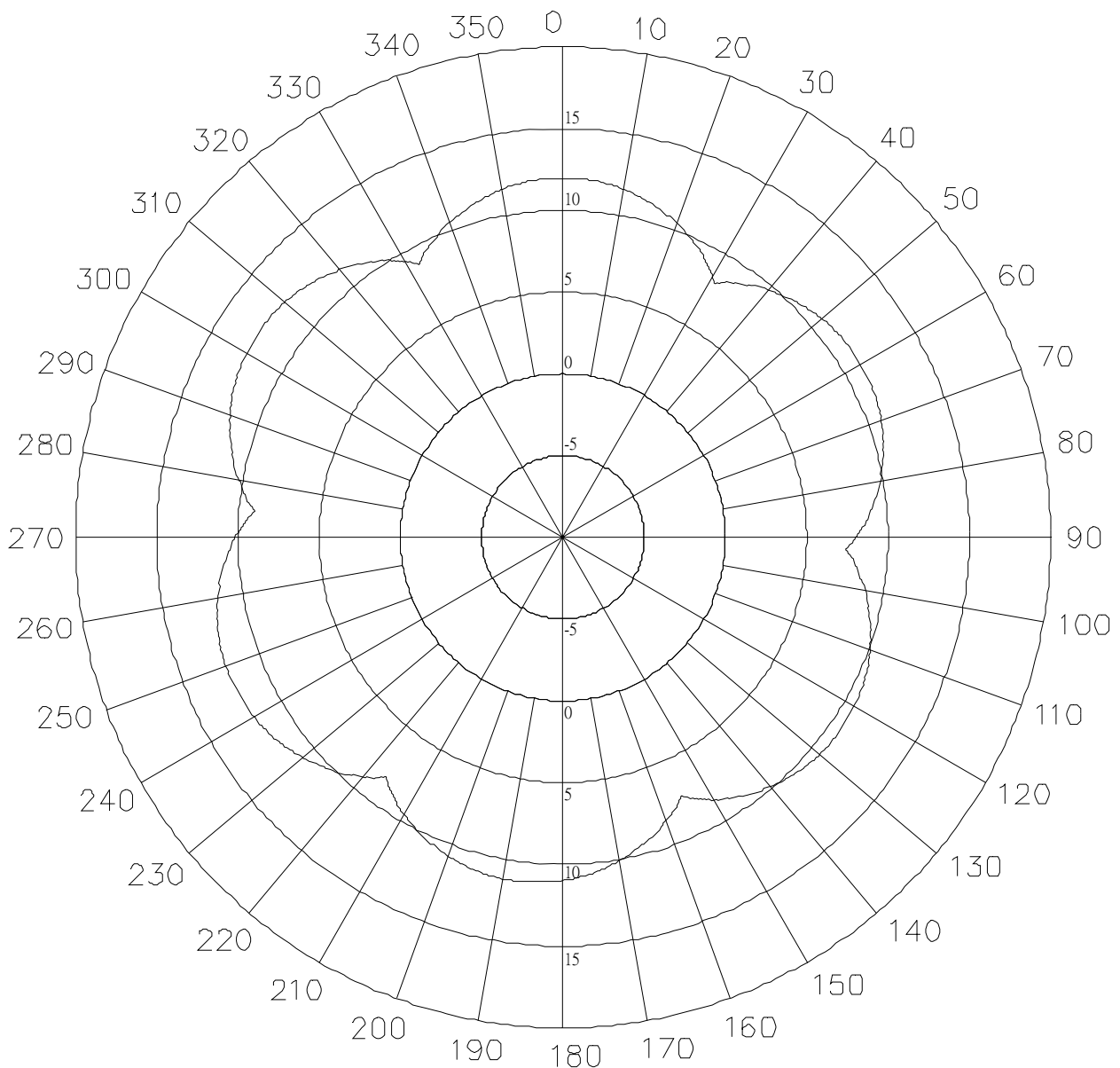
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## H-PLANE FIELD PATTERNS



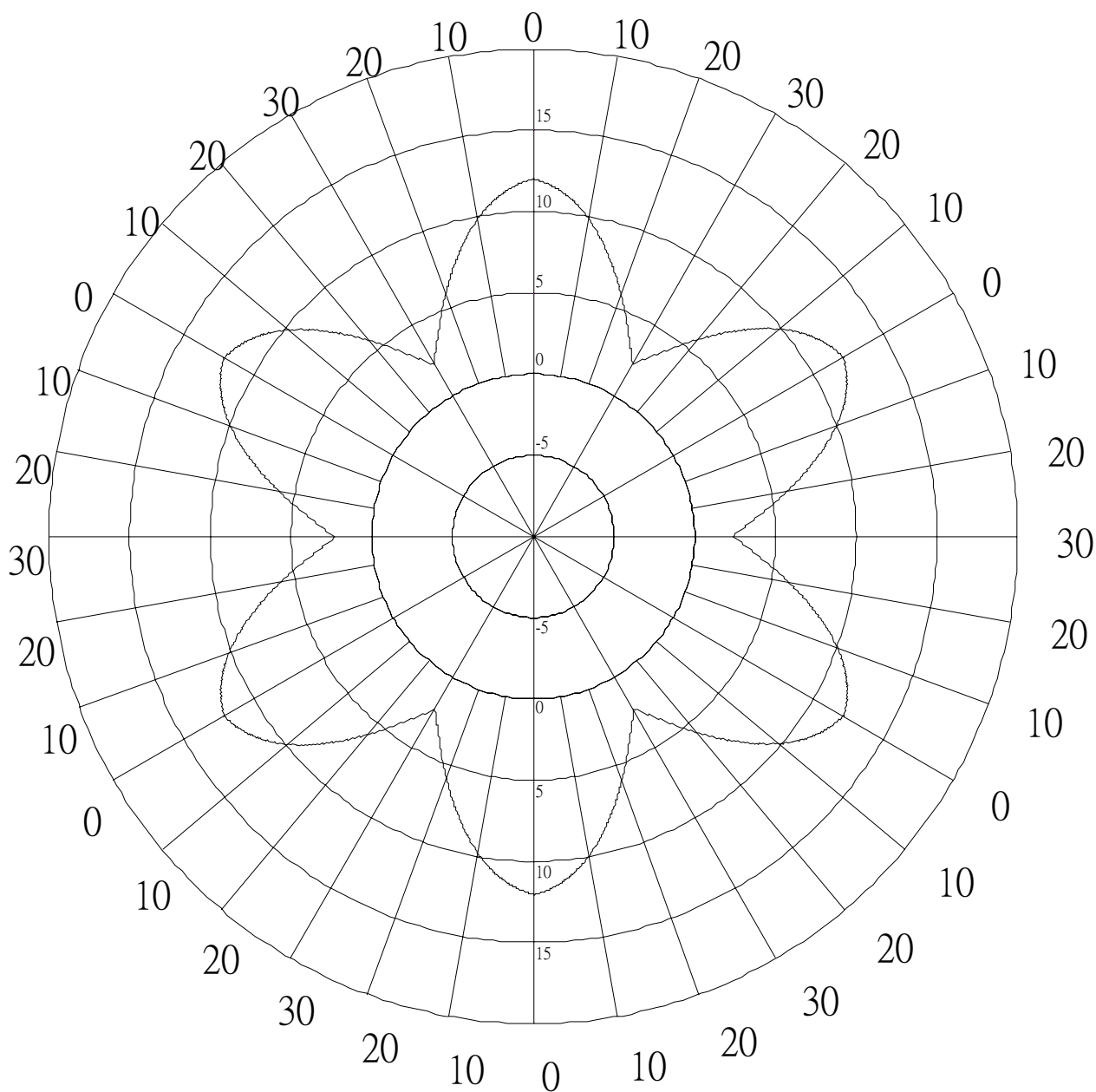
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## E-PLANE FIELD PATTERNS



# 802.11b+g Array Antenna

for 2.4~2.5GHz

Version 1

1AR-2412CP

