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承 認 書

SPECIFICATION FOR APPROVAL

Customer :

Product Description: **802.11a/b/g Omni Directional Antenna**

Part Number: **1GP-2458-1**

Date: **2008-11-17**

Customer Evaluation:

PASS

NG

Approved Date:

Evertime Communication Approved By : _____ Date:

Evertime Communication Prepared By : _____ Date:

Evertime Communications Co., Ltd.

Omni Directional Antenna

for 802.11a/b/g

Version 1

1GP-2458-1

Electrical Specification:

Frequency	2.4~2.5/5.1~5.9GHz
Part Number	1GP-2458-1
Polarization	Linear
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	9/12 dBi
Power handling	10W Max
Front to back ratio	N/A
HPBW / horizontal	360°
HPBW / vertical	10°/8°

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	φ 35 x 700mm
Weight	310 g
Radome color	white
Radome material	glass fiber

Omni Directional Antenna

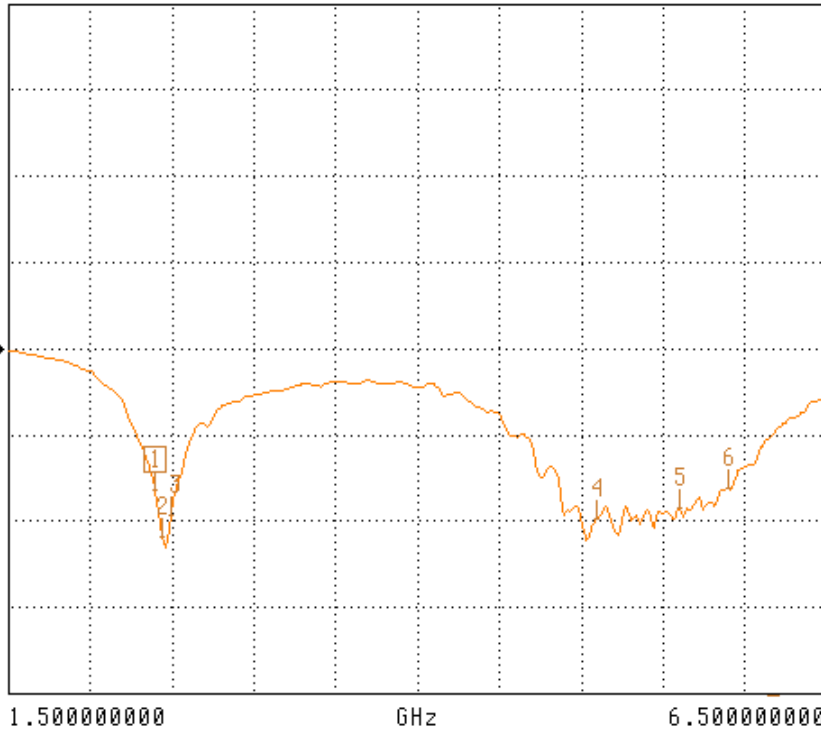
for 802.11a/b/g

Version 1

1GP-2458-1

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.400000000 GHz
-16.441 dB

MARKER TO MAX
MARKER TO MIN

2 2.450000000 GHz
-21.891 dB

3 2.500000000 GHz
-19.474 dB

4 5.100000000 GHz
-19.730 dB

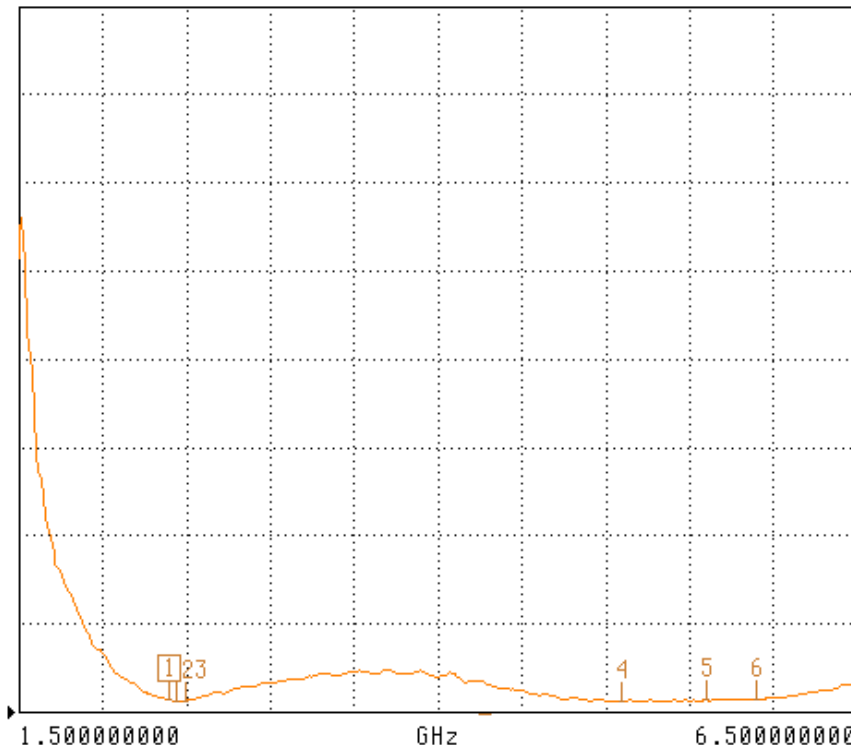
5 5.600000000 GHz
-18.635 dB

6 5.900000000 GHz
-16.303 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
2.400000000 GHz
1.357 U

MARKER TO MAX
MARKER TO MIN

2 2.450000000 GHz
1.170 U

3 2.500000000 GHz
1.244 U

4 5.100000000 GHz
1.231 U

5 5.600000000 GHz
1.276 U

6 5.900000000 GHz
1.379 U

MARKER READOUT
FUNCTIONS

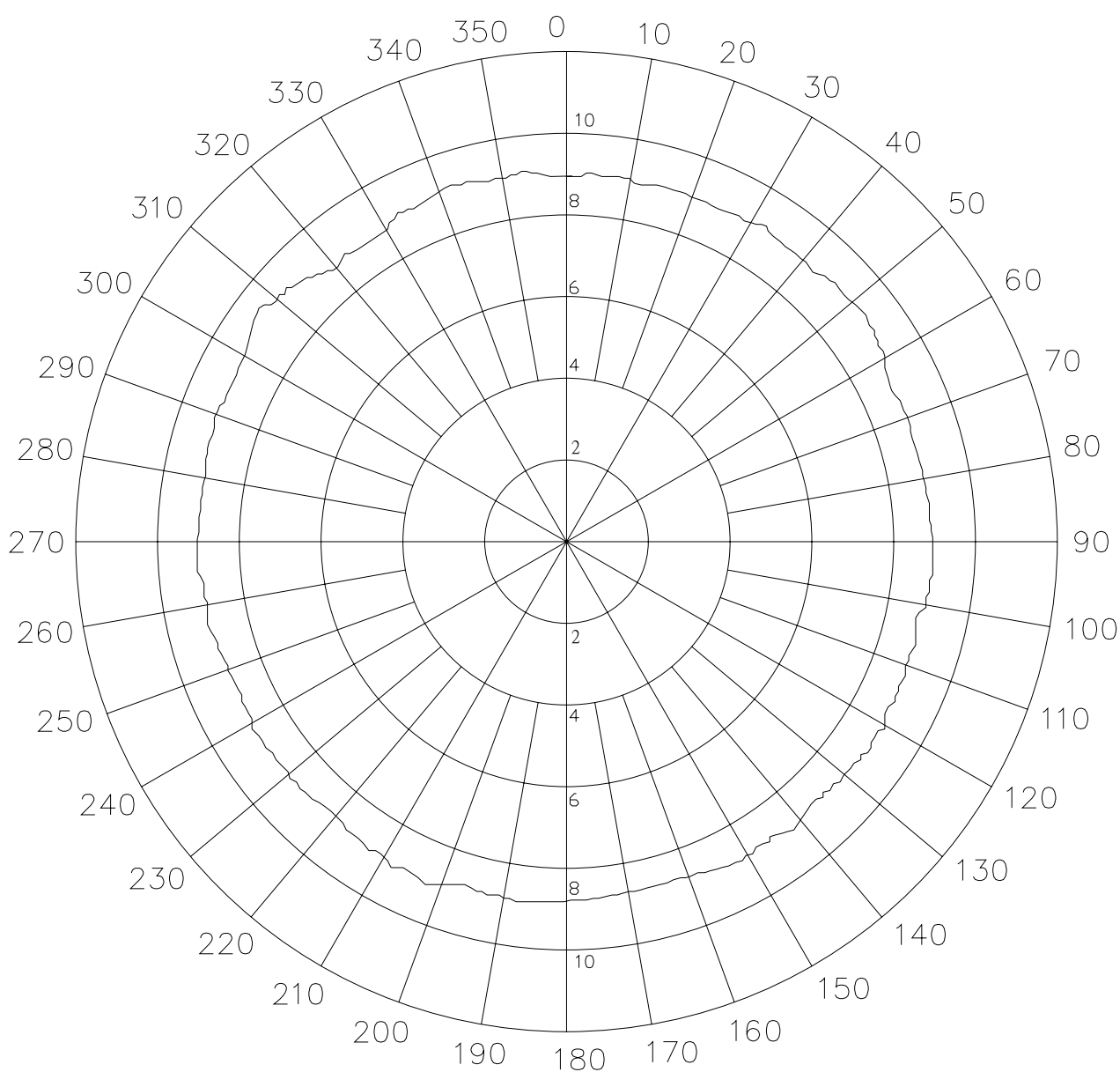
Omni Directional Antenna

for 802.11a/b/g

Version 1

1GP-2458-1

H-PLANE FIELD PATTERNS for 2.4GHz



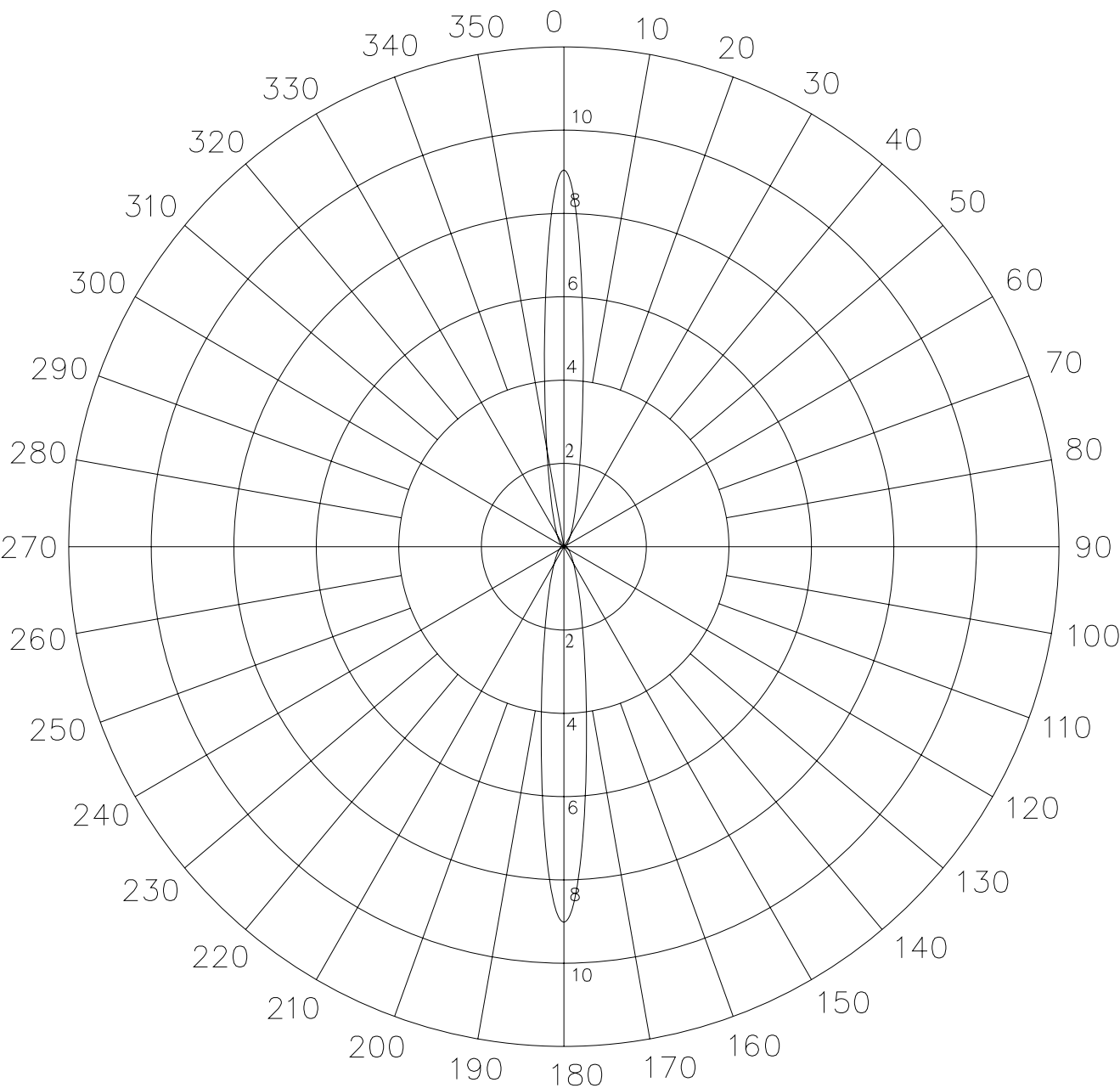
Omni Directional Antenna

for 802.11a/b/g

Version 1

1GP-2458-1

E-PLANE FIELD PATTERNS for 2.4GHz



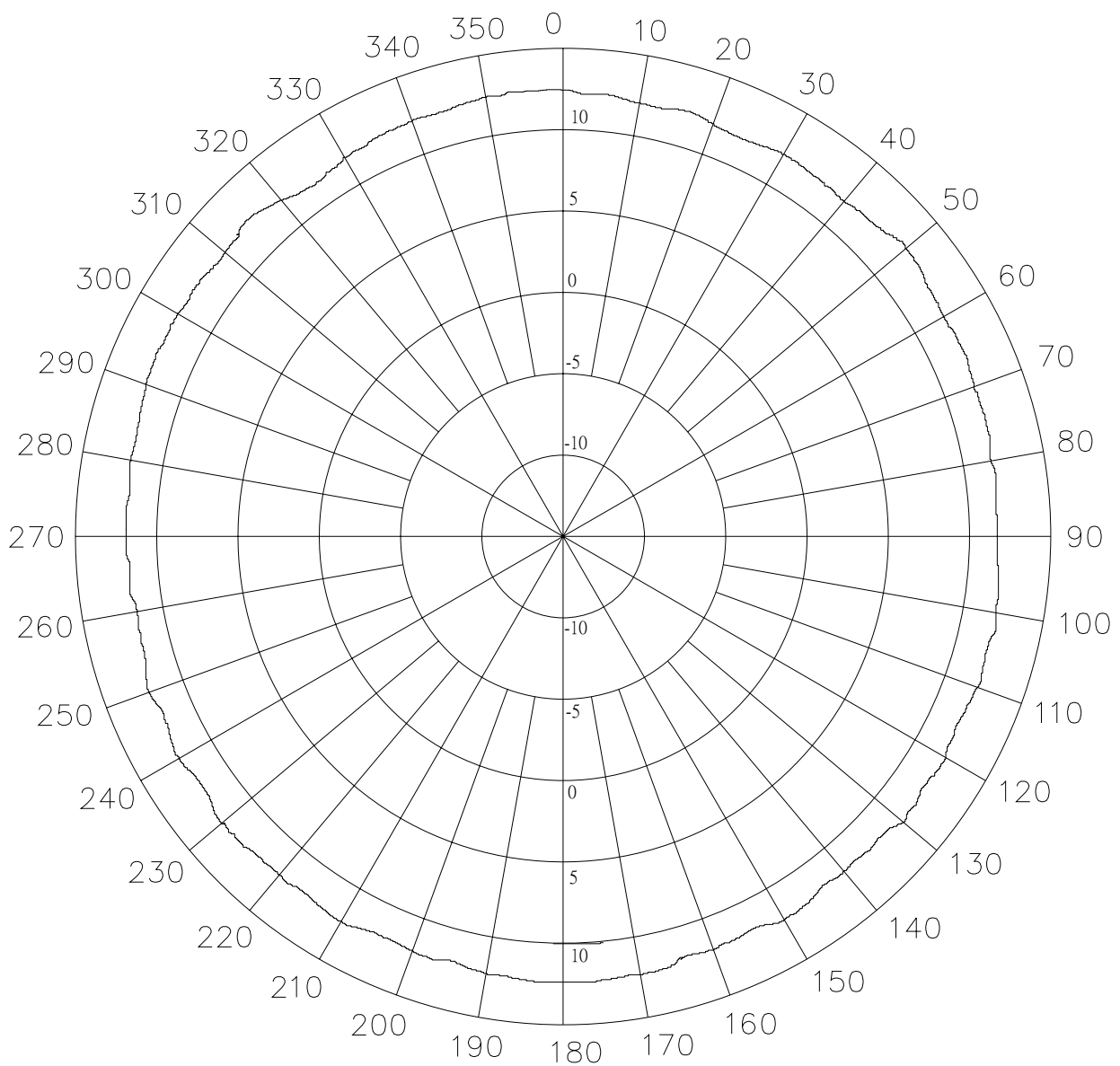
Omni Directional Antenna

for 802.11a/b/g

Version 1

1GP-2458-1

H-PLANE FIELD PATTERNS for 5.8GHz



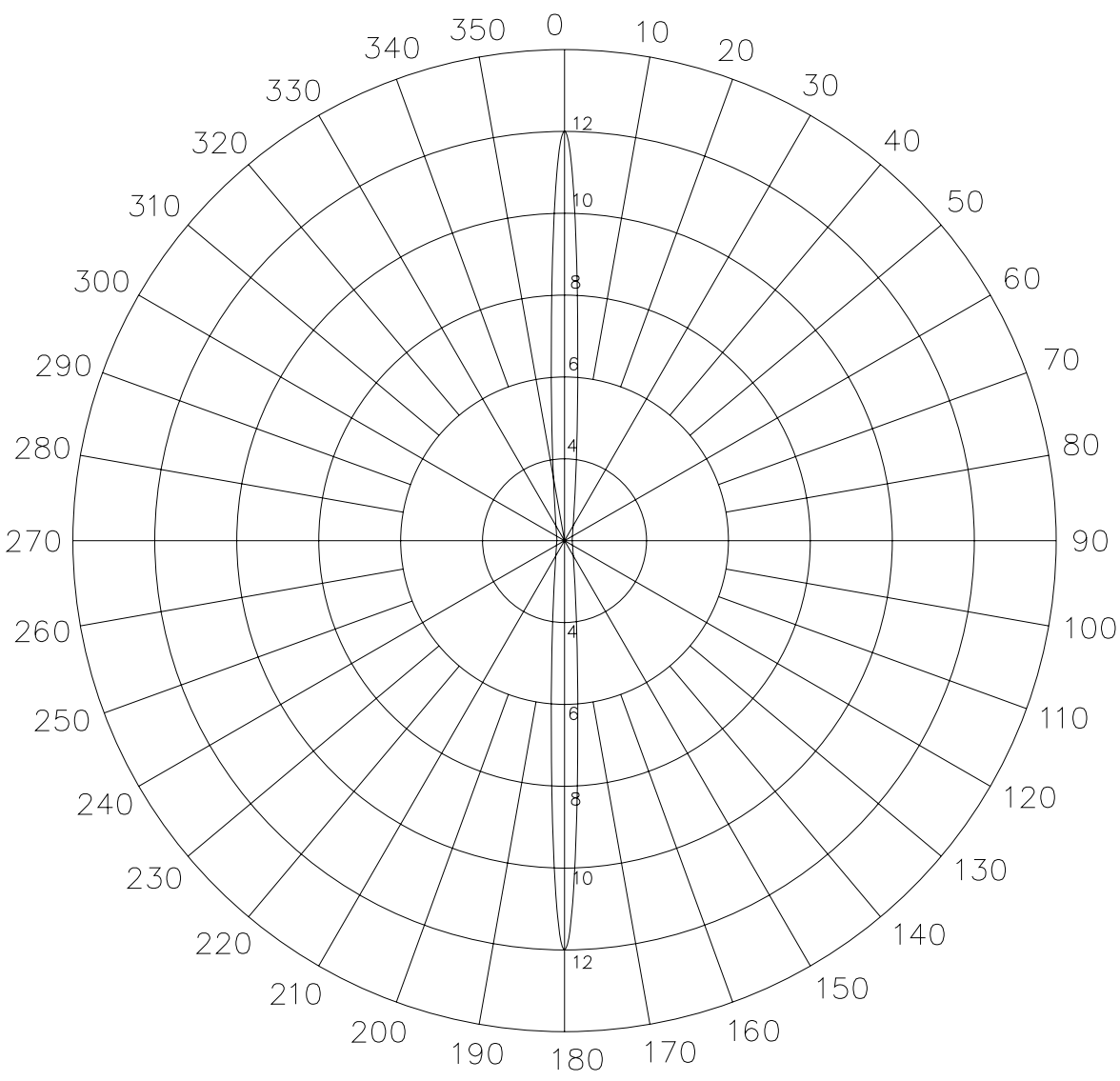
Omni Directional Antenna

for 802.11a/b/g

Version 1

1GP-2458-1

E-PLANE FIELD PATTERNS for 5.8GHz



Omni Directional Antenna

for 802.11a/b/g

Version 1

1GP-2458-1

