

Omni Directional Antenna

for 2.4~2.5GHz

Version 1

1GP-2409

Electrical Specification:

Frequency	2.4~2.5GHz
Part Number	1GP-2409
Polarization	Linear
V.S.W.R.	1 : 1.3 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	9 dBi
Power handling	15W Max
Front to back ratio	N/A
HPBW / horizontal	360°
HPBW / vertical	10°
Rated Wind	3.0 lbs. (1.4 kg)
Operating Temperature	-20℃~60℃

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	$\phi 35 \times 420\text{mm}$
Weight	430g
Radome color	white
Radome material	glass fiber

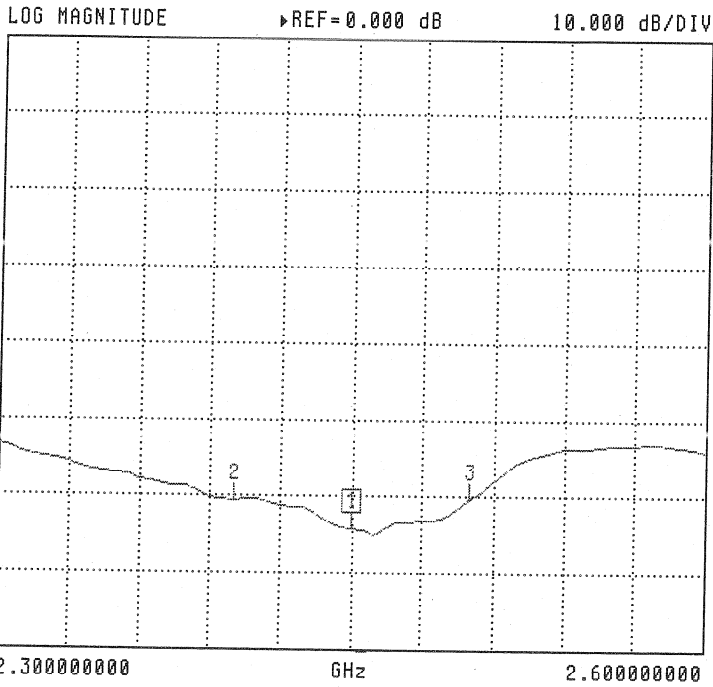
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S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

▶MARKER 1
2.450000000 GHz
-24.549 dB

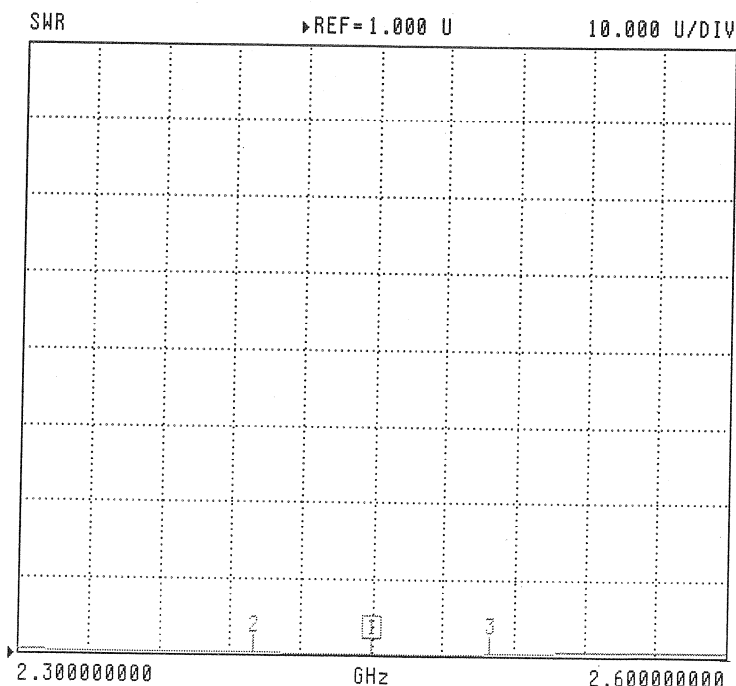
MARKER TO MAX
MARKER TO MIN

2 2.400000000 GHz
-20.609 dB

3 2.500000000 GHz
-20.380 dB

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

▶MARKER 1
2.450000000 GHz
1.128 U

MARKER TO MAX
MARKER TO MIN

2 2.400000000 GHz
1.231 U

3 2.500000000 GHz
1.236 U

MARKER READOUT
FUNCTIONS

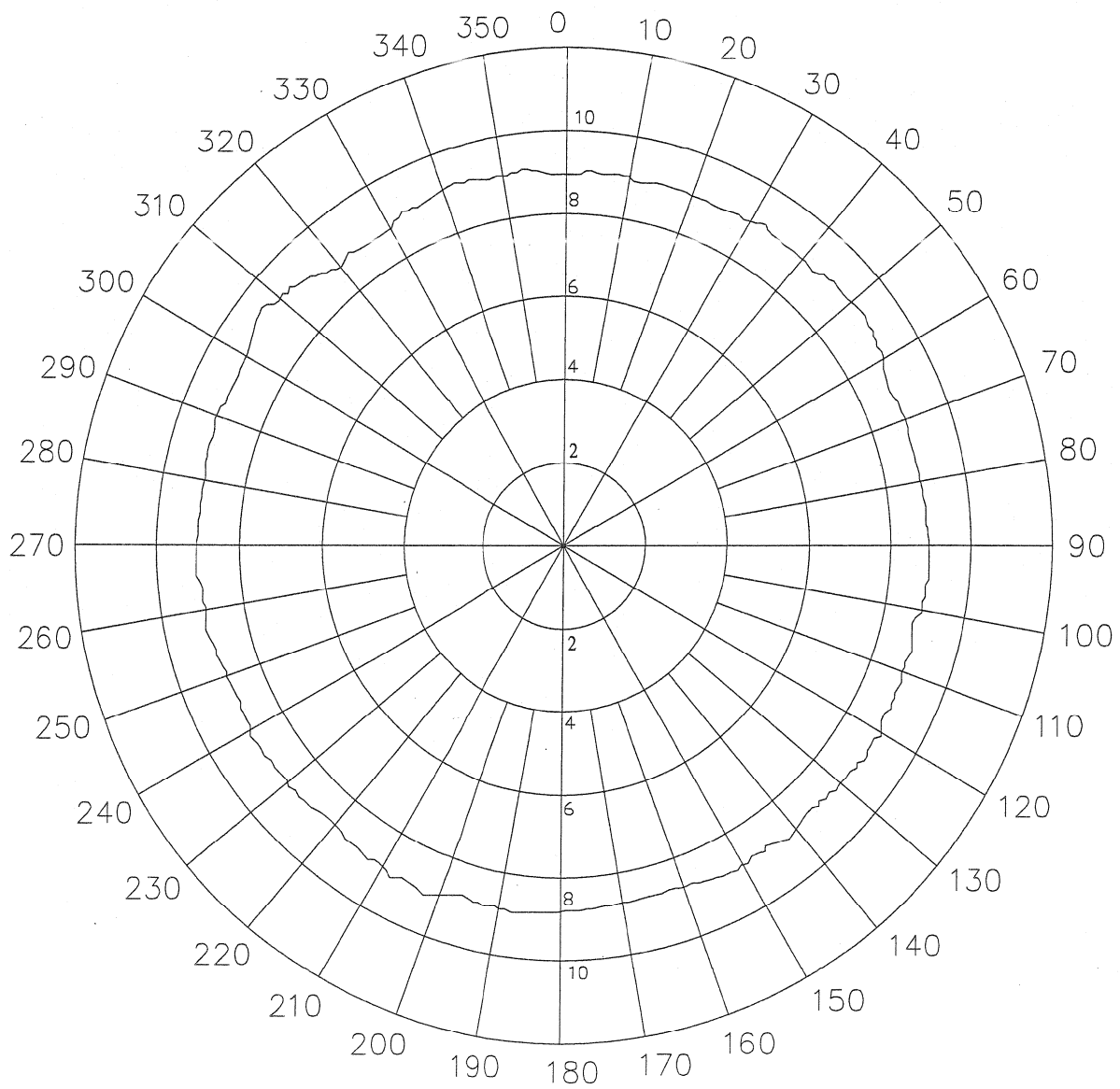
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H-PLANE FIELD PATTERNS



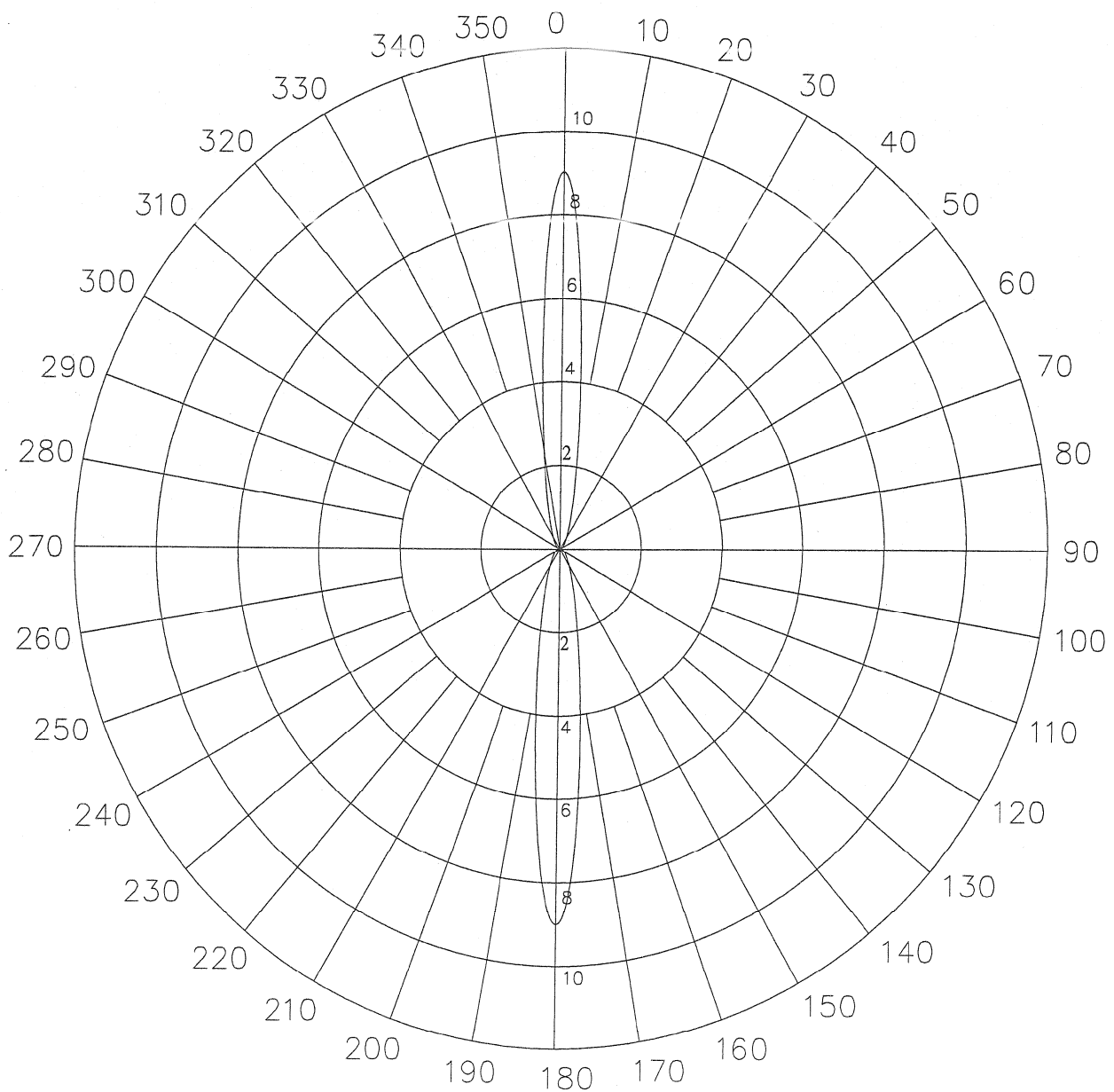
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E-PLANE FIELD PATTERNS



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