

# Directional Panel Antenna

for 2.4~2.5GHz

Version 1

## Electrical Specification:

Frequency	2.4~2.5GHz
Polarization	CP
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm 5 \Omega$
Gain	9 dBi
Power handling	10W Max
Front to back ratio	20dB
HPBW / horizontal	70°
HPBW / vertical	70°

## MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	$\varphi$ 130*50mm
Weight	200g
Radome color	Gray-white
Radome material	PC and ABS

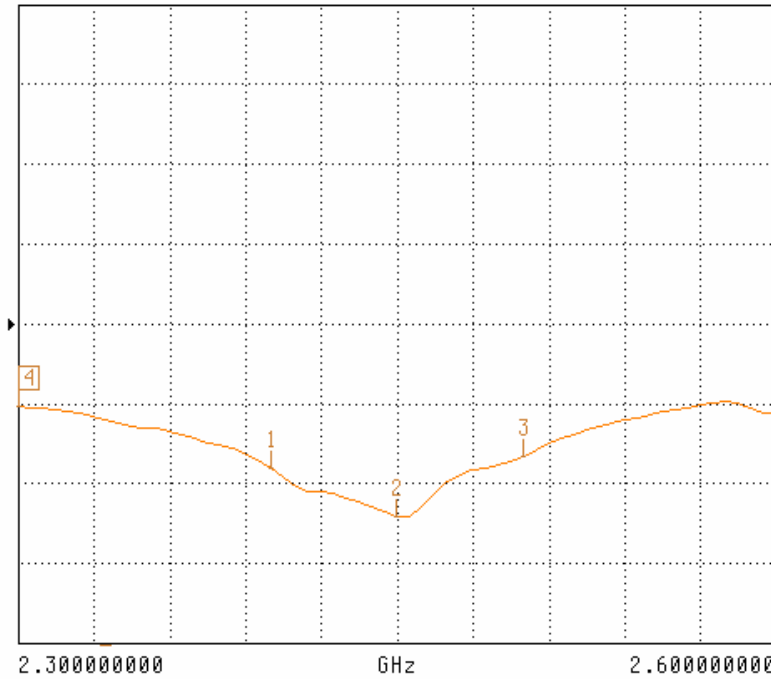
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S11 FORWARD REFLECTION

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

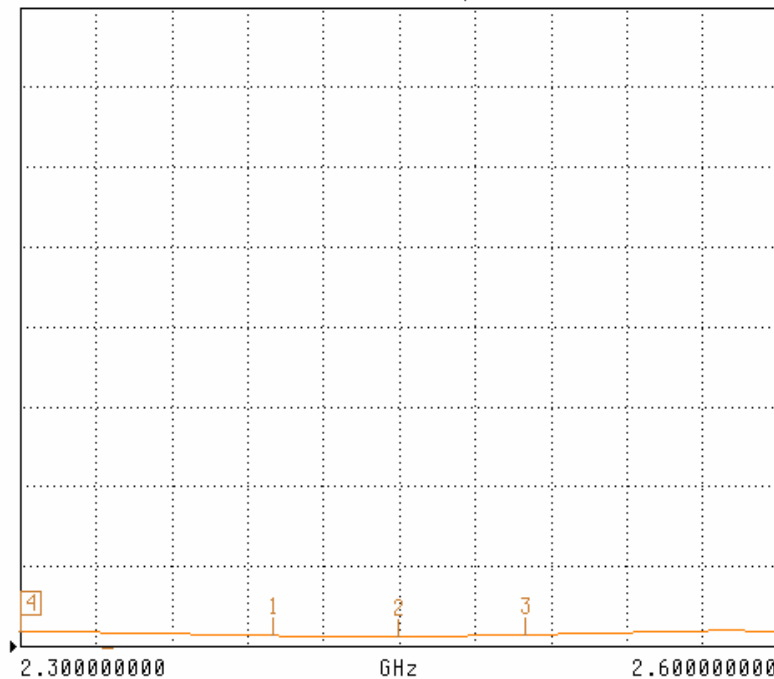
▶ MARKER TO MAX  
MARKER TO MIN

- 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

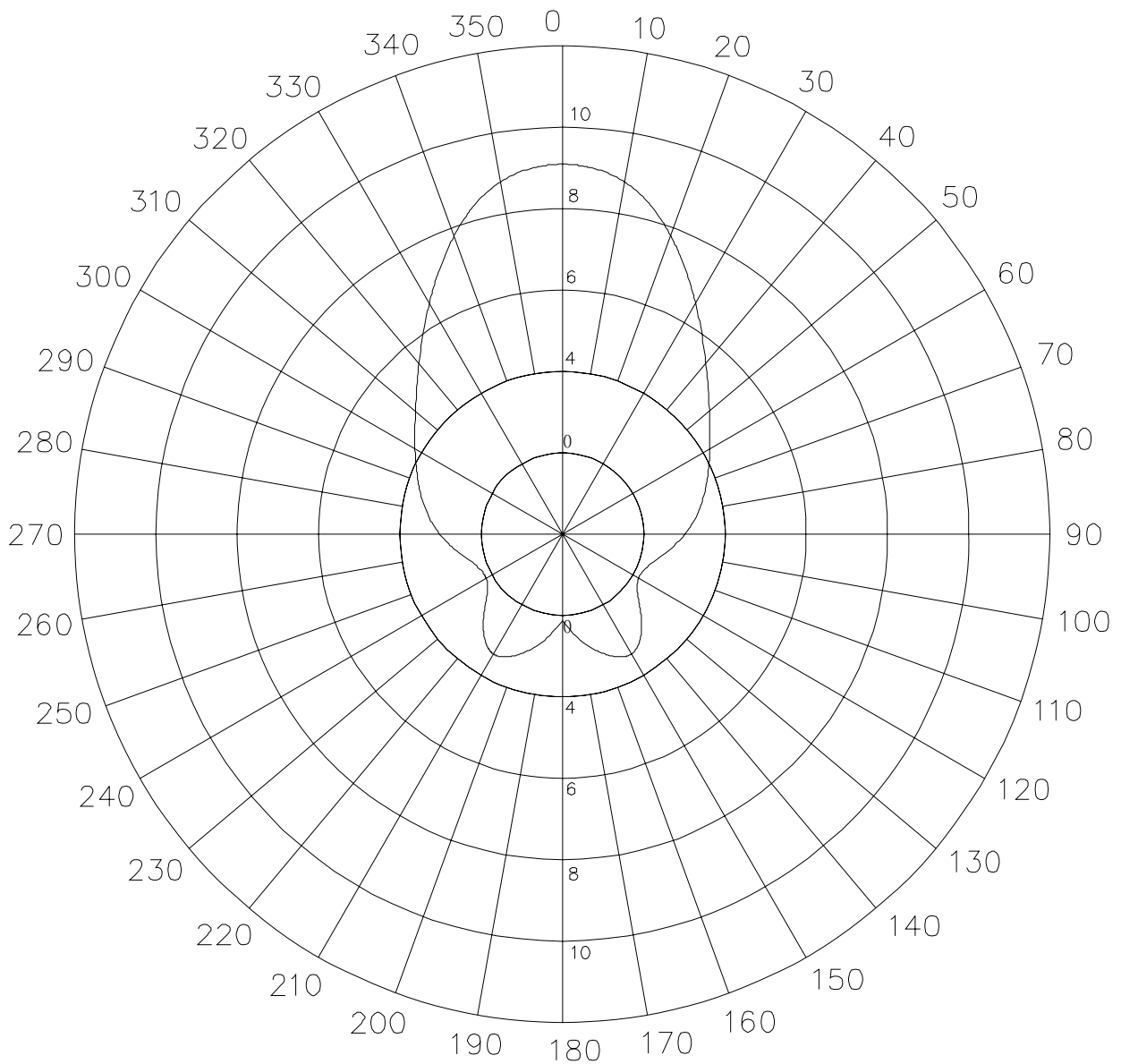
MARKER READOUT  
FUNCTIONS

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## H-PLANE FIELD PATTERNS

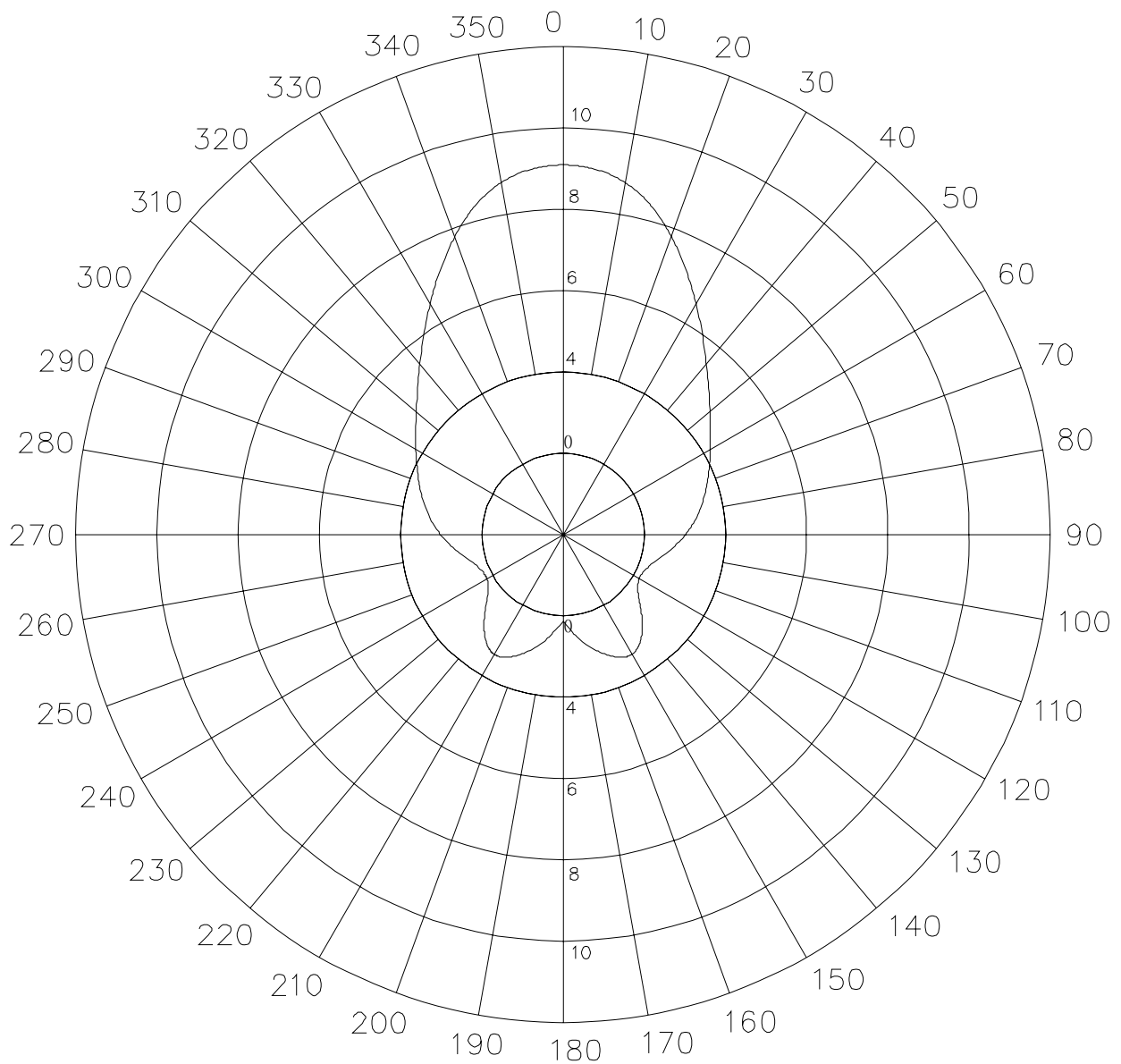


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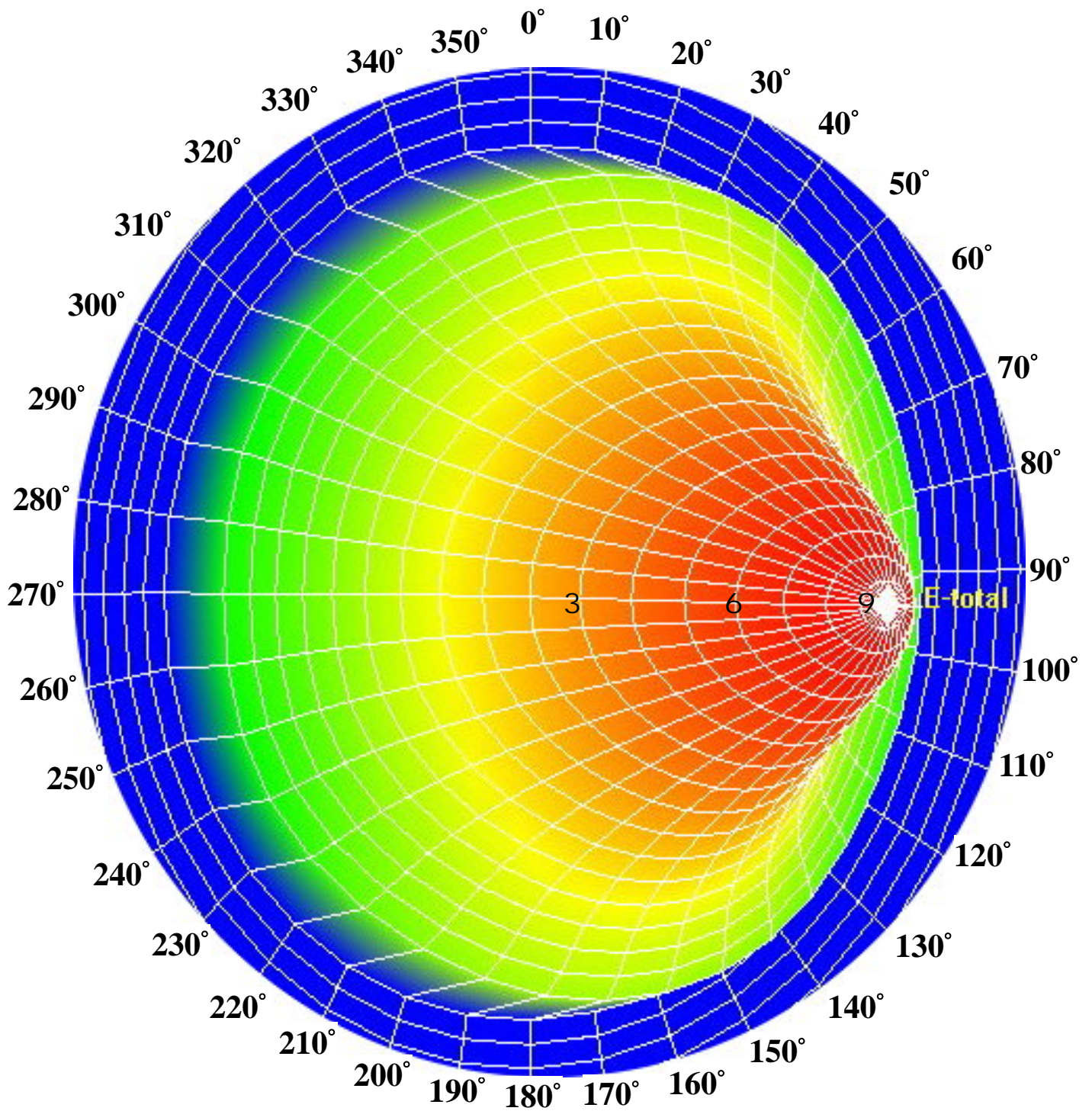
## E-PLANE FIELD PATTERNS



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