

# Directional MIMO Panel Antenna

## for 2.5~2.7GHz

Version 1

TP-2612

### Electrical Specification:

Frequency	2.5~2.7GHz
Part Number	TP-2612
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	270*205*15mm
Weight	750g
Radome color	Gray-white
Radome material	PC and ABS

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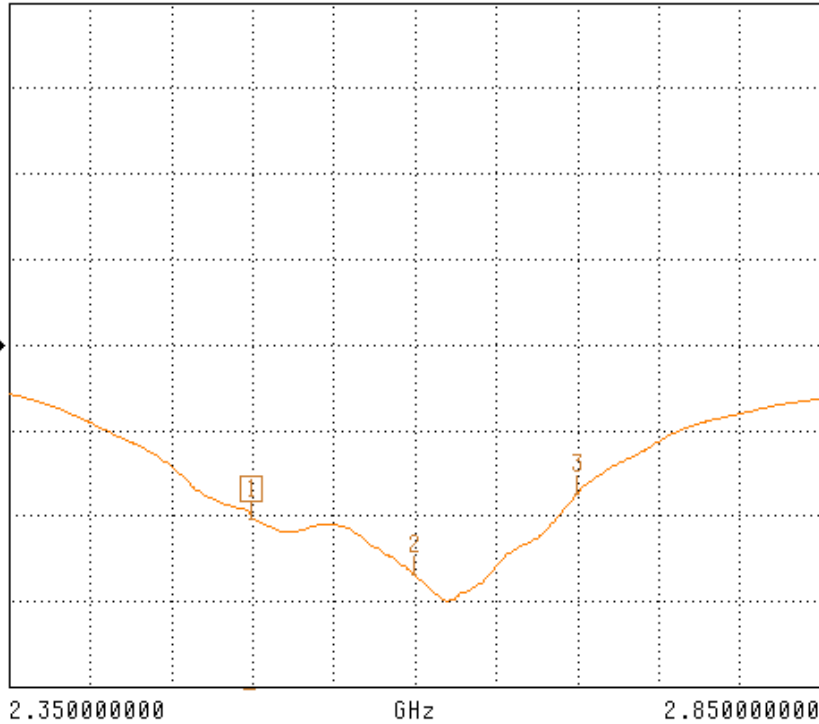
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### TP-2612

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11  
REFERENCE PLANE  
0.0000 mm

MARKER 1  
2.500000000 GHz  
-20.503 dB

MARKER TO MAX  
MARKER TO MIN

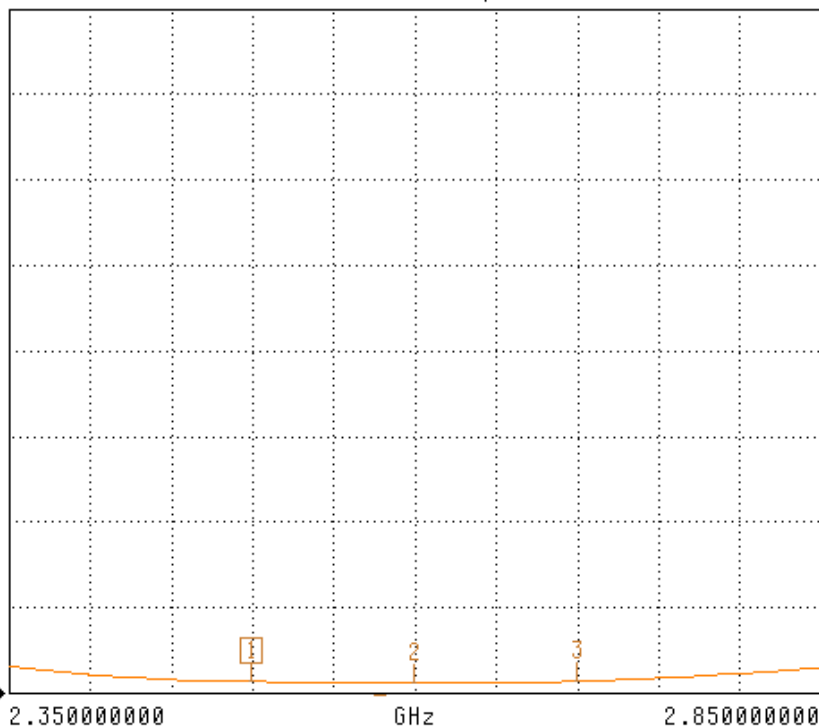
2 2.600000000 GHz  
-26.901 dB

3 2.700000000 GHz  
-17.512 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  
2.500000000 GHz  
1.287 U

MARKER TO MAX  
MARKER TO MIN

2 2.600000000 GHz  
1.087 U

3 2.700000000 GHz  
1.297 U

MARKER READOUT  
FUNCTIONS

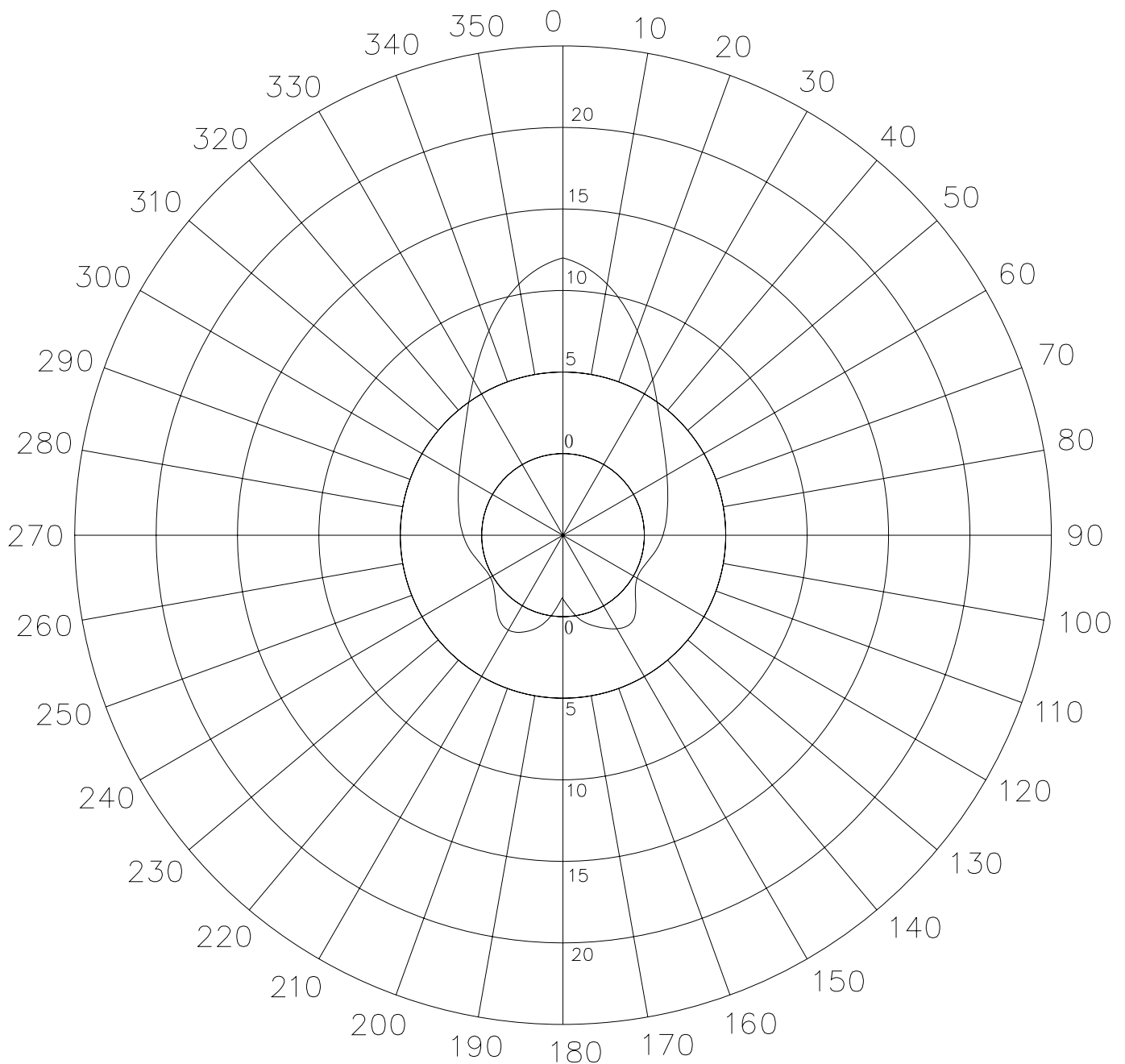
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## H-PLANE FIELD PATTERNS



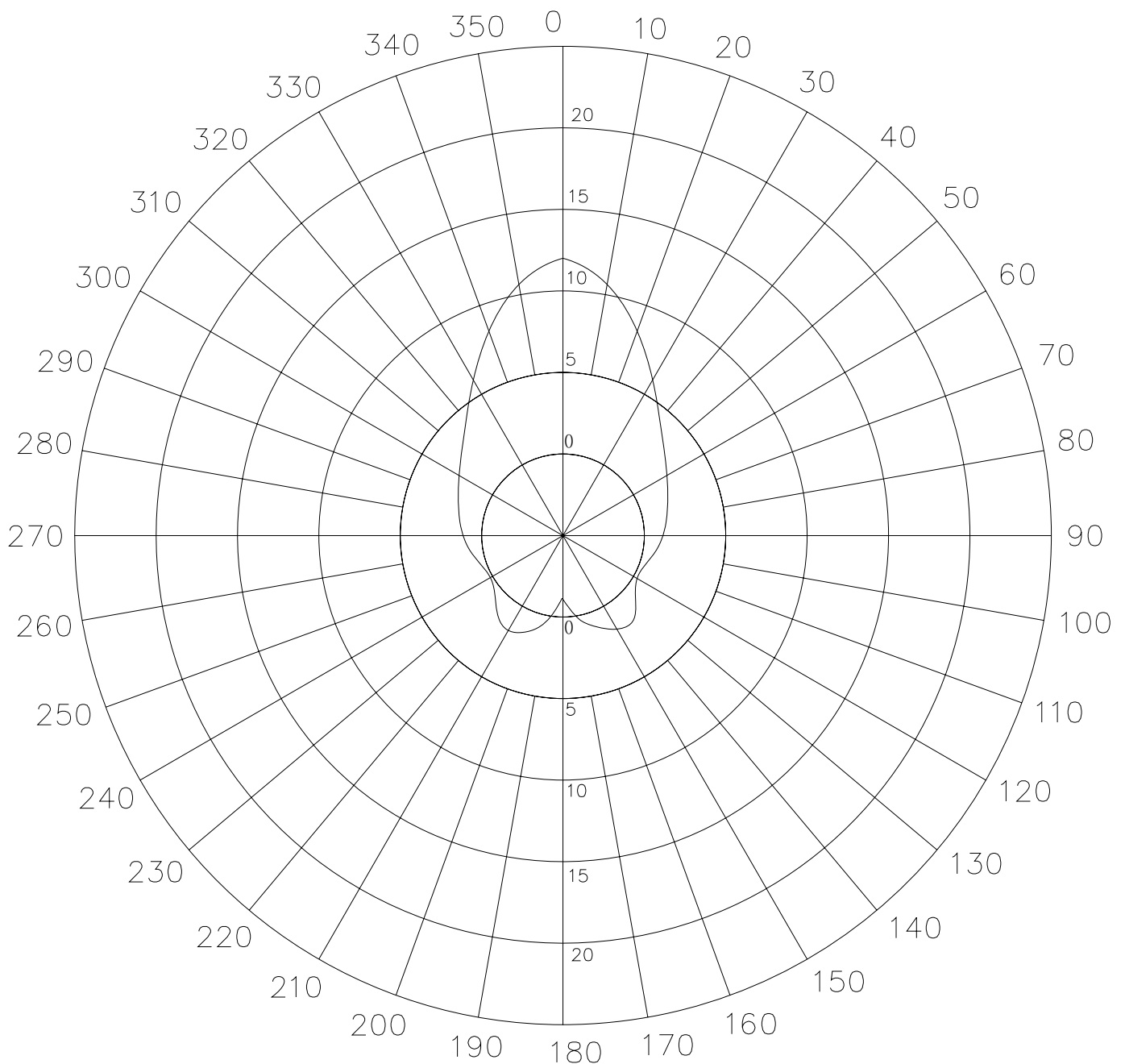
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## E-PLANE FIELD PATTERNS



# Directional MIMO Panel Antenna

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