

Directional Panel Antenna

for 2.4~2.5GHz

Version 1

TP-2412

Electrical Specification:

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

MECHANICAL SPECIFICATION

Connector Type	N Type Female
Length	215*90*30mm
Weight	510g
Radome color	Gray-white
Radome material	PC and ABS

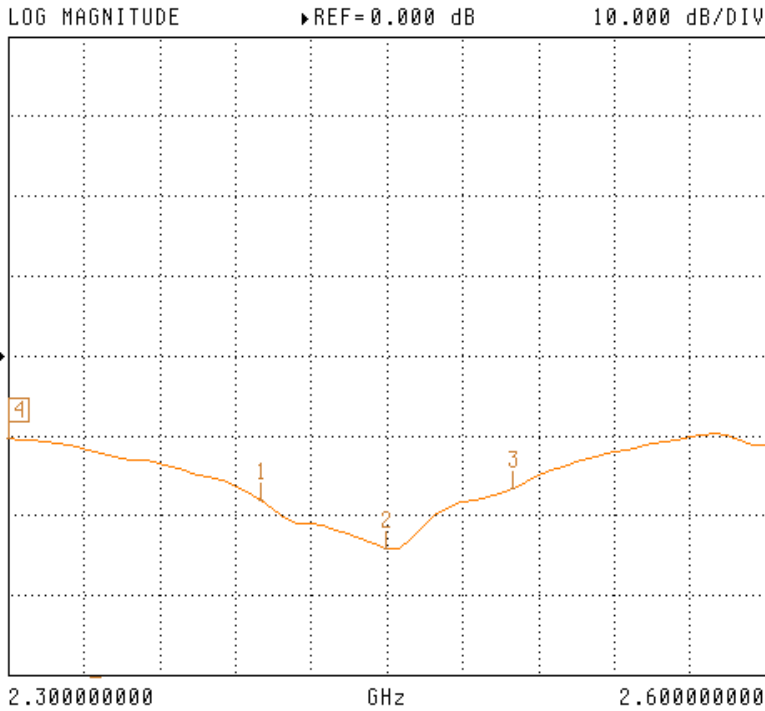
Directional Panel Antenna

for 2.4~2.5GHz

Version 1

TP-2412

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

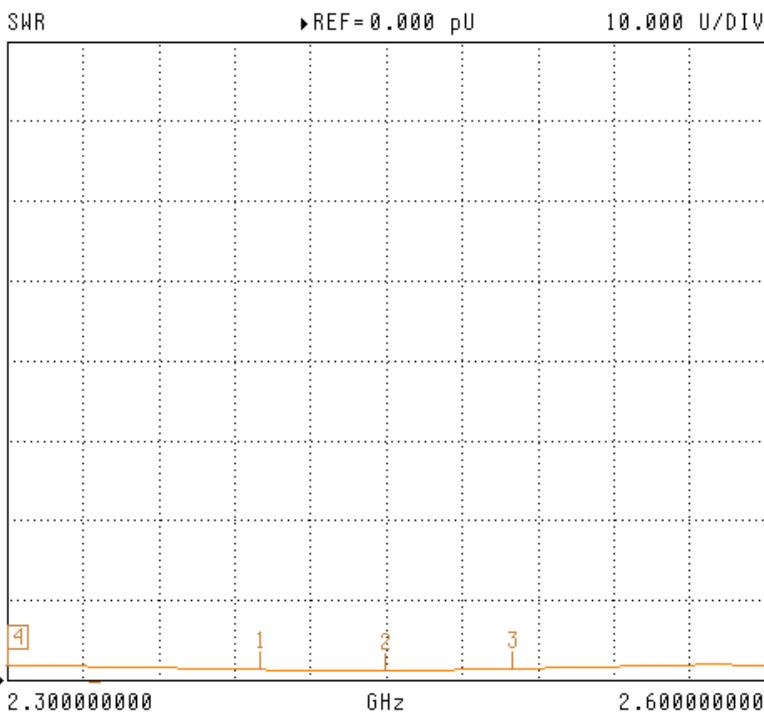
MARKER 4
2.300000000 GHz
-10.331 dB

▶ 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



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

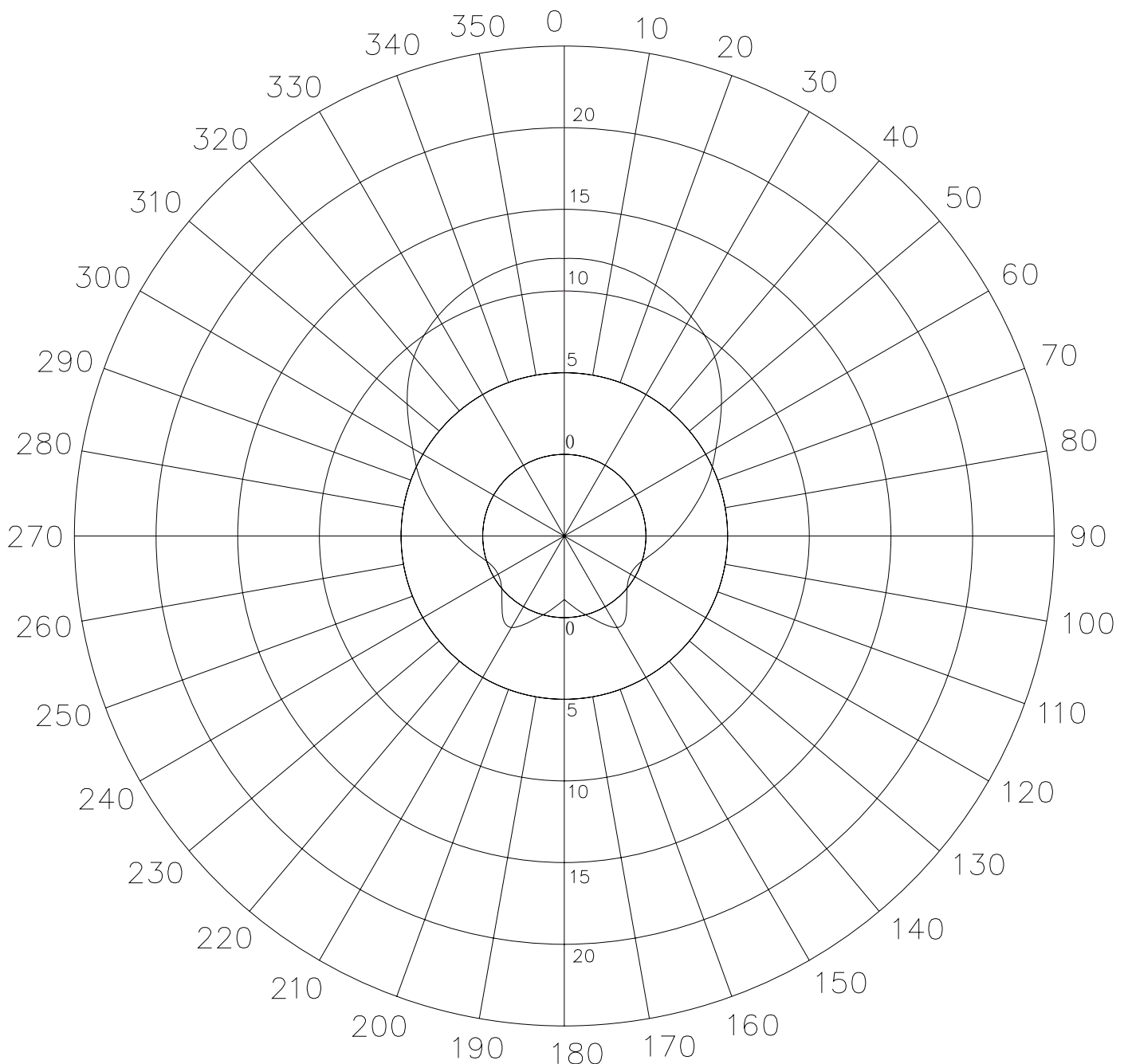
Directional Panel Antenna

for 2.4~2.5GHz

Version 1

TP-2412

H-PLANE FIELD PATTERNS



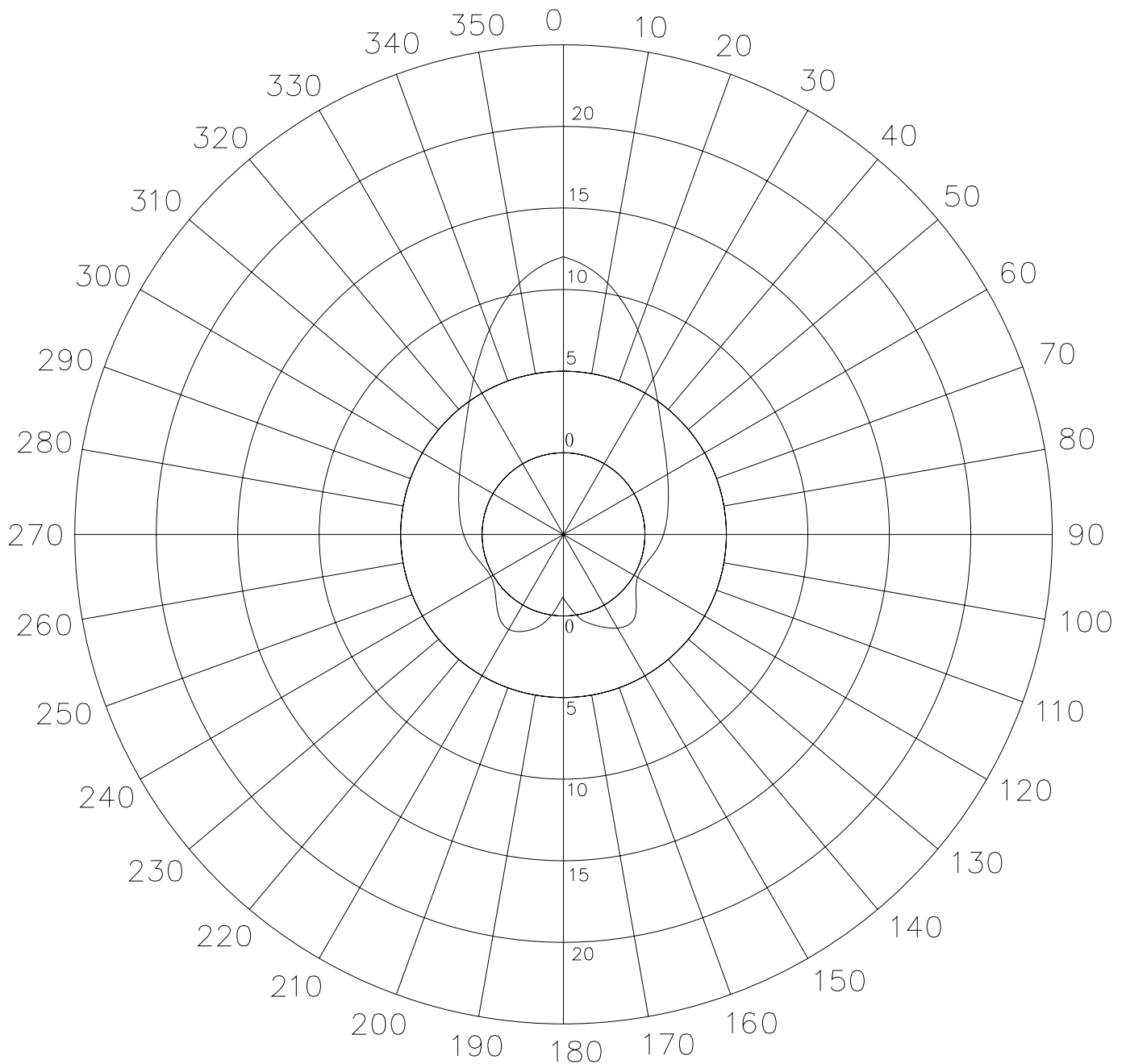
Directional Panel Antenna

for 2.4~2.5GHz

Version 1

TP-2412

E-PLANE FIELD PATTERNS



Directional Panel Antenna

for 2.4~2.5GHz

Version 1

TP-2412

