

Directional Panel Antenna

for 2.4~2.5GHz

MODEL: TP-241



Specifications:

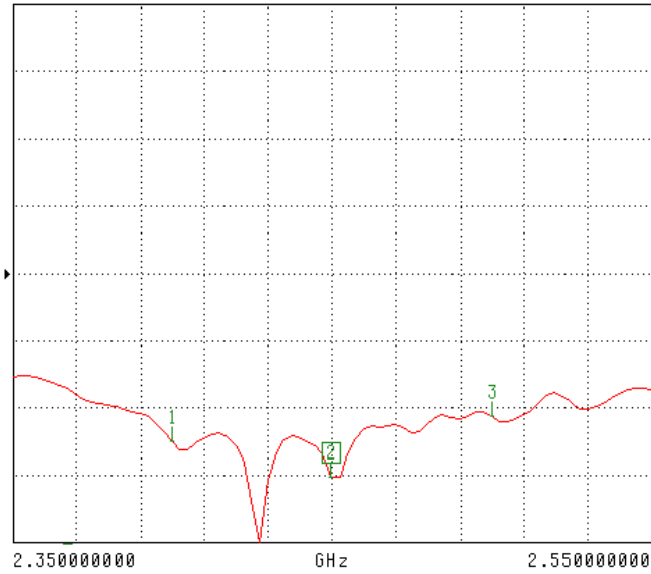
Frequency range:	2.4~2.5GHz
Gain:	21 dBi
V.S.W.R:	1 : 1.3 Max
Impedence:	50 OHMS $\pm 5\Omega$
Connector:	N Type Female
Dimension:	370*370*35mm
Weight:	2.1Kg
Polarization	Linear
Power handling	20W Max
Front to back ratio	35dB
HPBW / horizontal	20°
HPBW / vertical	15°
Radome color	WHITE
radome material	PVC

* This specification is subject to change without prior notice

TP-241

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

▶ MARKER 2
2.450000000 GHz
-30.195 dB

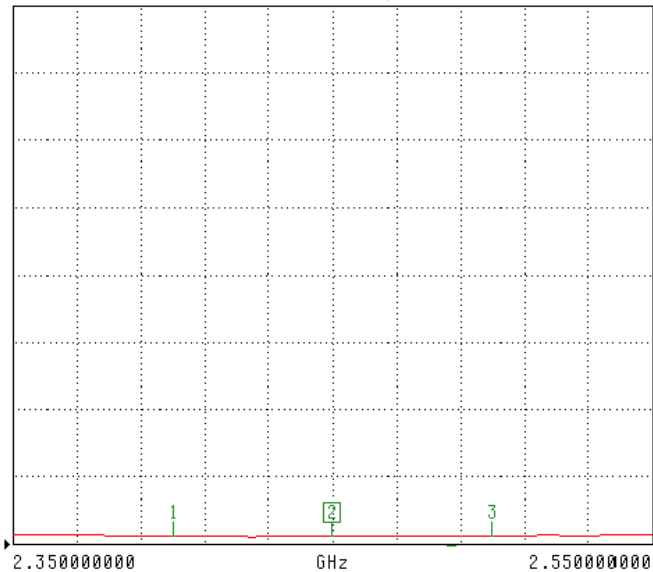
MARKER TO MAX
MARKER TO MIN

1 2.400000000 GHz
-25.011 dB
3 2.500000000 GHz
-21.255 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 2
2.450000000 GHz
1.077 U

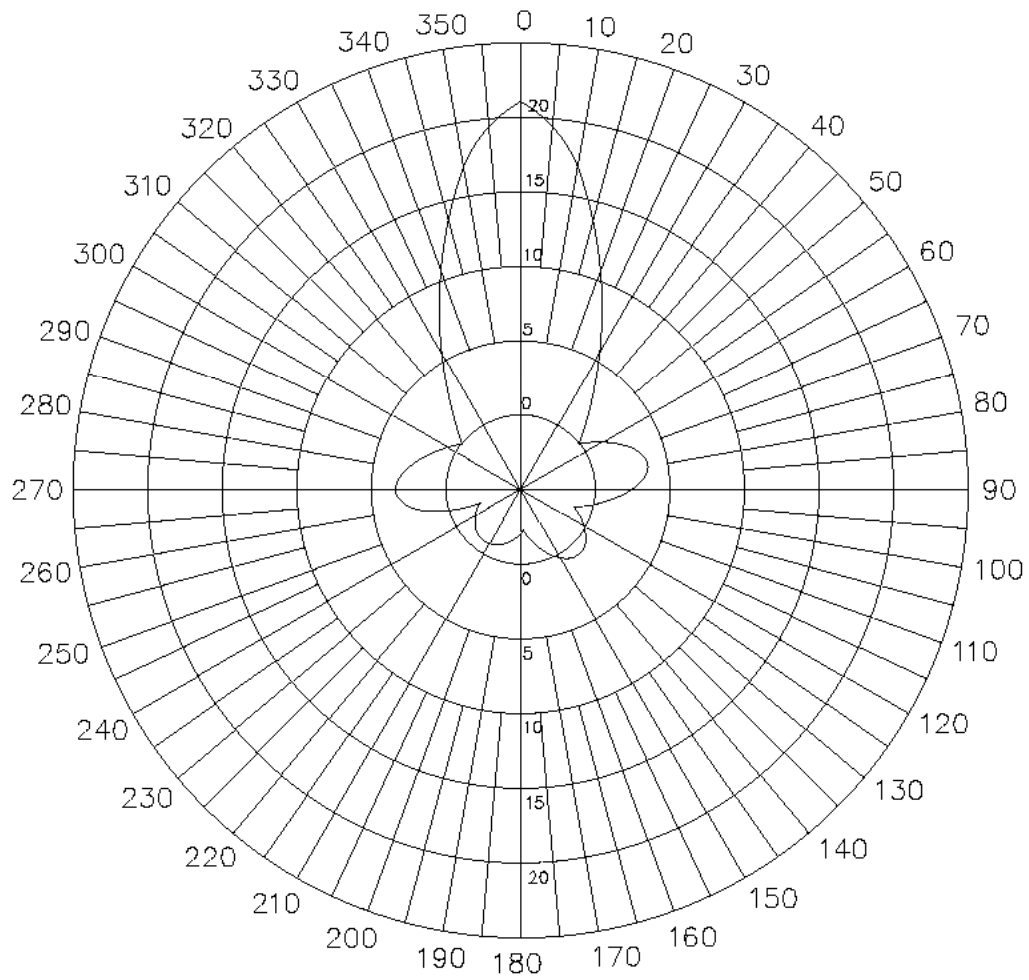
MARKER TO MAX
MARKER TO MIN

1 2.400000000 GHz
1.136 U
3 2.500000000 GHz
1.182 U

MARKER READOUT
FUNCTIONS

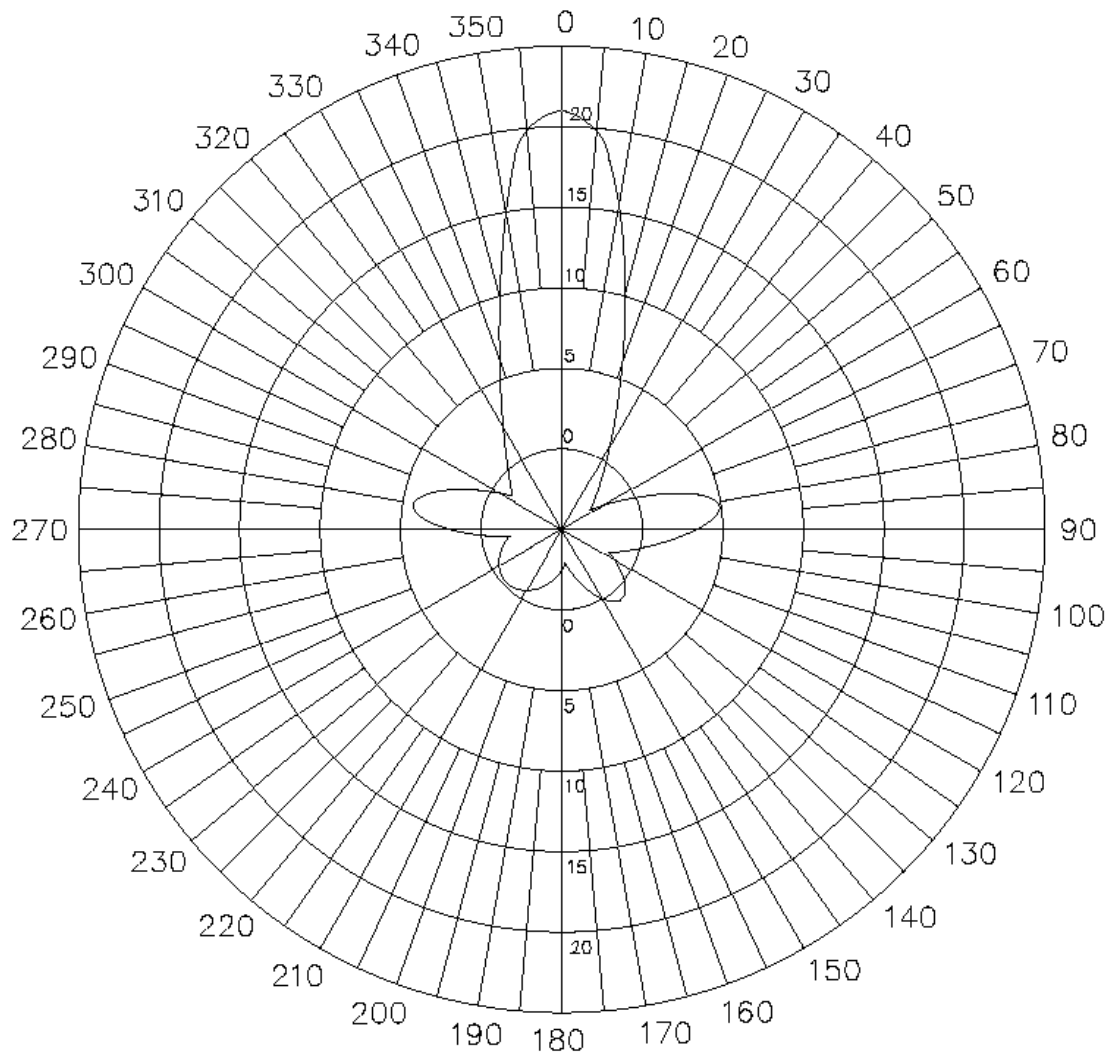
TP-241

H-PLANE FIELD PATTERNS

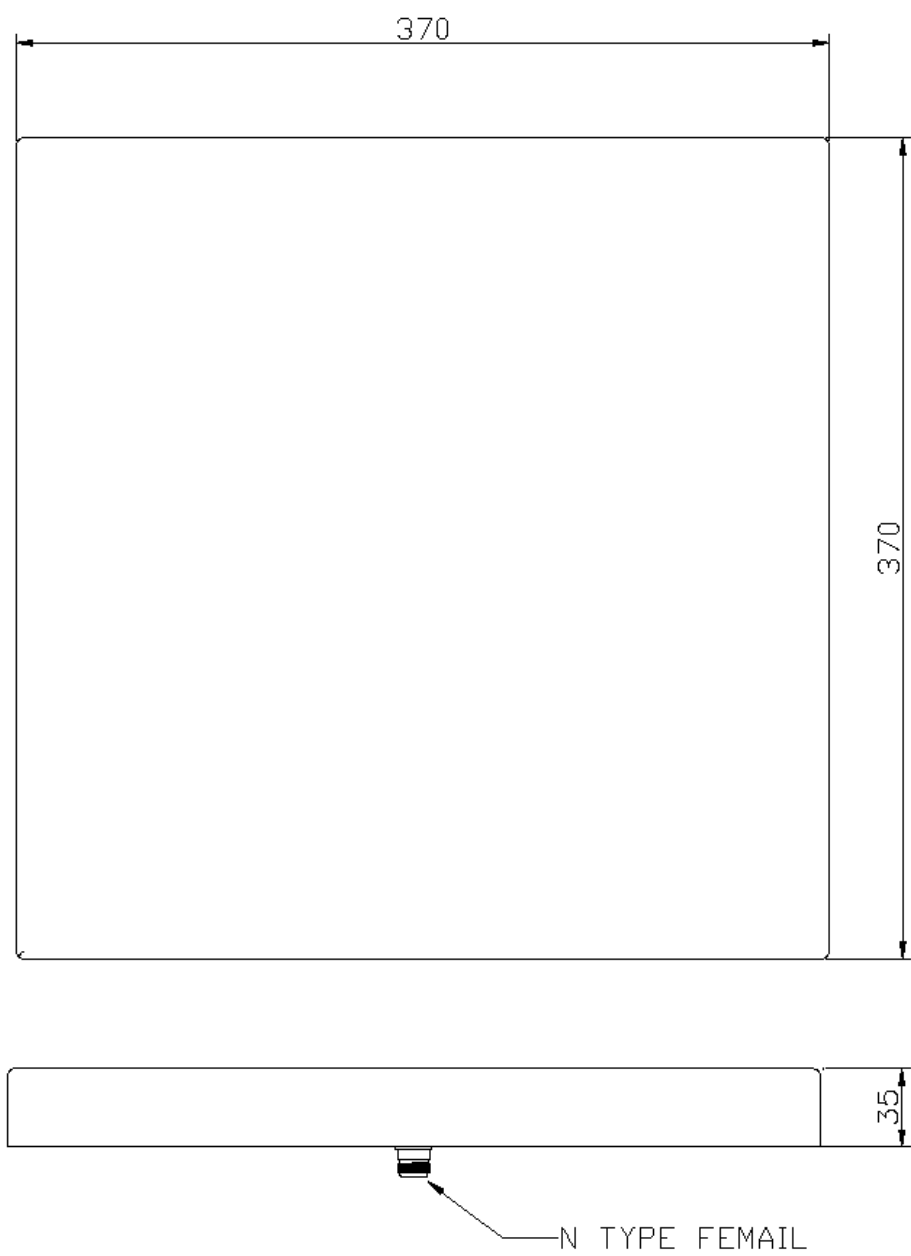


TP-241

E-PLANE FIELD PATTERNS



TP-241



2.4GHz RF HI-GAIN ANTENNA

MODEL: HWA-240

For Image/Data/Voice communications and Wireless LAN system



Specifications:

Frequency range:	2400~2500 MHz
Gain:	15dBi
V.S.W.R:	1:1.3 Max
Impedence:	50 ohm
Connector:	N Type Female
Dimension:	1600mm
Weight:	1050g
Polarization	Linear
Power handling	50W

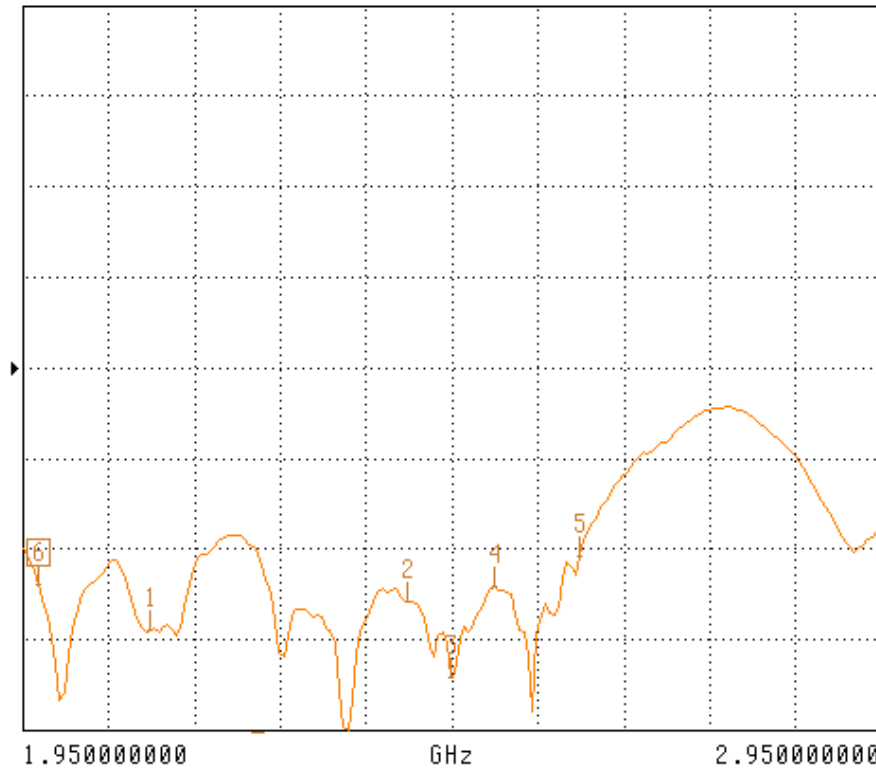
* This specification is subject to change without prior notice

S11 FORWARD REFLECTION

LOG MAGNITUDE

REF=0.000 dB

10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 6
1.970000000 GHz
-23.901 dB

MARKER TO MAX
MARKER TO MIN

- | | | |
|---|-----------------|------------|
| 1 | 2.100000000 GHz | -29.028 dB |
| 2 | 2.400000000 GHz | -25.910 dB |
| 3 | 2.450000000 GHz | -34.302 dB |
| 4 | 2.500000000 GHz | -24.285 dB |
| 5 | 2.600000000 GHz | -20.942 dB |

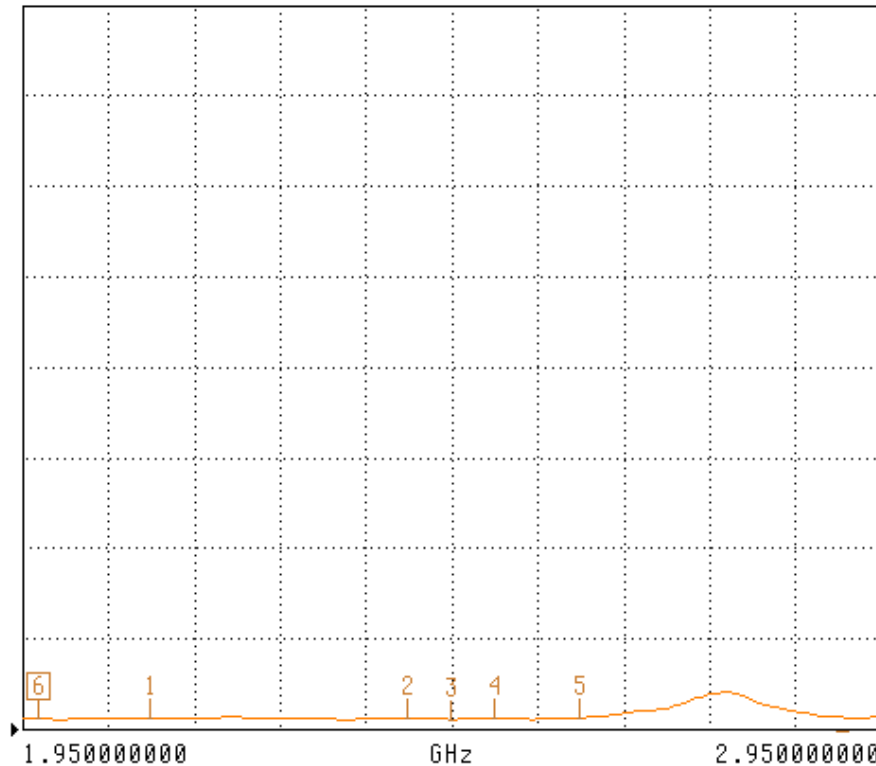
MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION

SWR

REF=0.000 pU

10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 6
1.970000000 GHz
1.141 U

MARKER TO MAX
MARKER TO MIN

- | | | |
|---|-----------------|---------|
| 1 | 2.100000000 GHz | 1.073 U |
| 2 | 2.400000000 GHz | 1.110 U |
| 3 | 2.450000000 GHz | 1.039 U |
| 4 | 2.500000000 GHz | 1.132 U |
| 5 | 2.600000000 GHz | 1.198 U |

MARKER READOUT
FUNCTIONS