

Directional Panel Antenna

for 5.1~5.9GHz

MODEL: TP-518



Specifications:

Frequency range:	5.1~5.9GHz
Gain:	18 dBi
V.S.W.R:	1 : 1.5 Max
Impedence:	50 OHMS $\pm 5\Omega$
Connector:	N Type Female
Dimension:	270 x 205 x 15mm
Weight:	310g
Polarization	Linear
Power handling	10W Max
Front to back ratio	30dB
HPBW / horizontal	10°
HPBW / vertical	10°
Radome color	Gray-white
radome material	PC and ABS

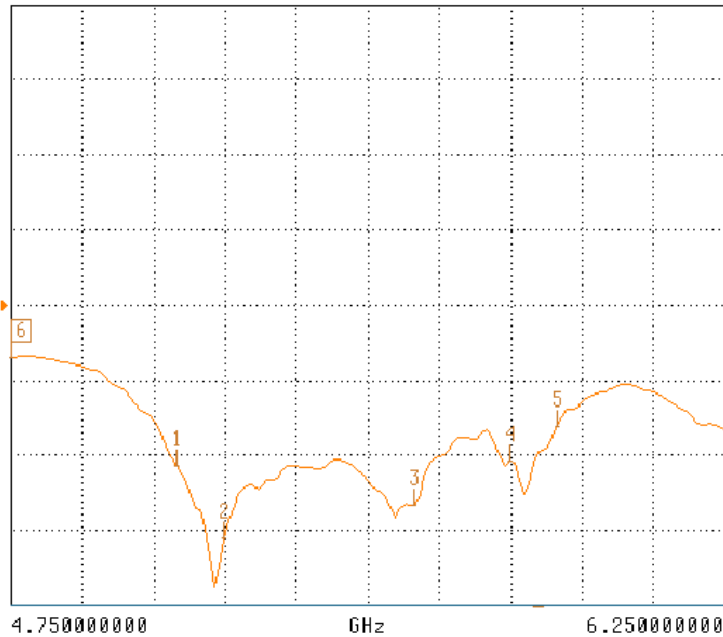
* This specification is subject to change without prior notice

TP-518

CH1: S11 FWD REFL
 LOG MAGNITUDE
 REF=0.000 dB
 10.000 dB/DIV

CH3: S21 FWD TRANS
 LOG MAGNITUDE
 REF=0.000 dB
 10.000 dB/DIV

CH 1 - S11
 REFERENCE PLANE
 0.0000 mm



MARKER 6
 4.750000000 GHz
 -7.074 dB

MARKER TO MAX
 MARKER TO MIN

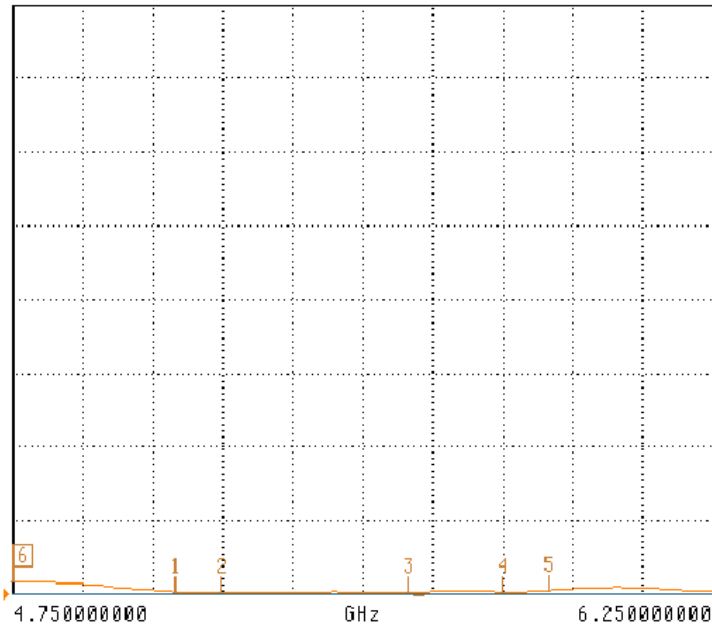
- 1 5.100000000 GHz
-21.437 dB
- 2 5.200000000 GHz
-31.188 dB
- 3 5.600000000 GHz
-26.768 dB
- 4 5.800000000 GHz
-20.832 dB
- 5 5.900000000 GHz
-16.136 dB

MARKER READOUT
 FUNCTIONS

CH1: S11 FWD REFL
 SWR
 REF=1.000 U
 10.000 U/DIV

CH3: S21 FWD TRANS
 LOG MAGNITUDE
 REF=0.000 dB
 10.000 dB/DIV

CH 1 - S11
 REFERENCE PLANE
 0.0000 mm



MARKER 6
 4.750000000 GHz
 2.603 U

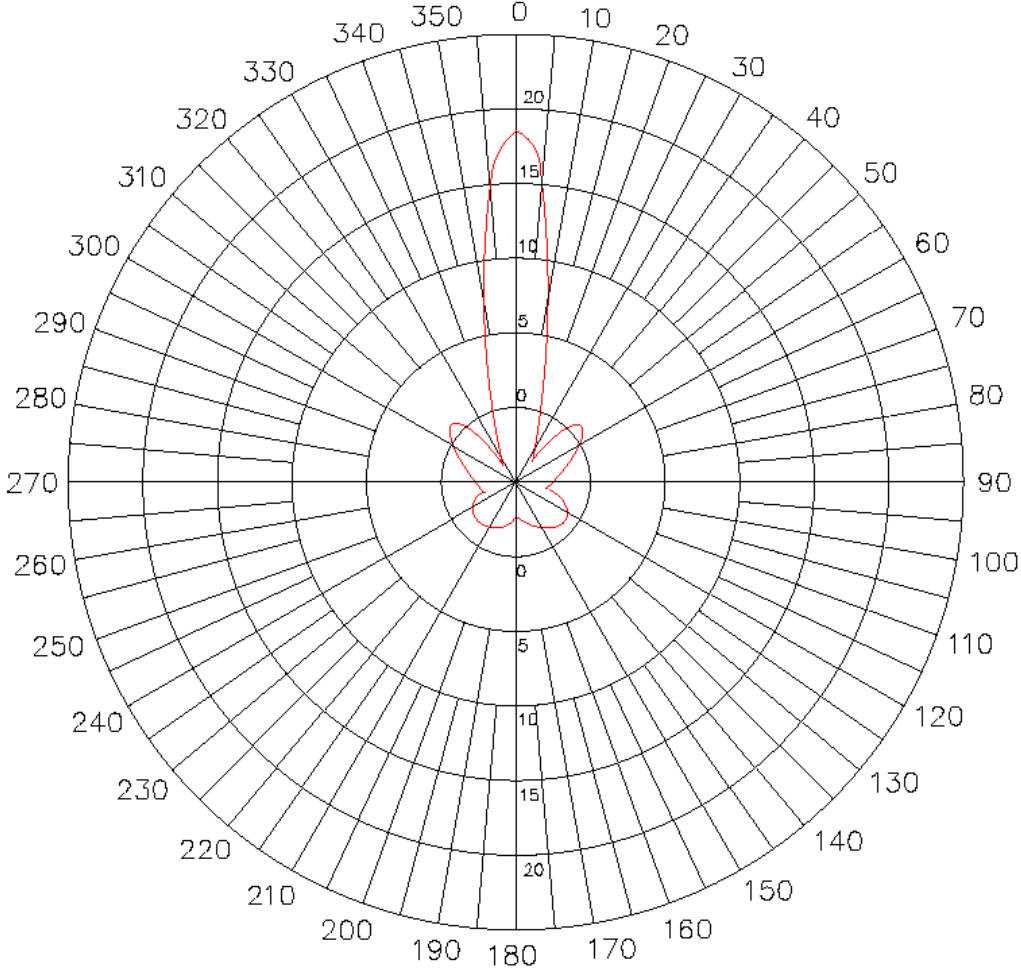
MARKER TO MAX
 MARKER TO MIN

- 1 5.100000000 GHz
1.197 U
- 2 5.200000000 GHz
1.052 U
- 3 5.600000000 GHz
1.095 U
- 4 5.800000000 GHz
1.205 U
- 5 5.900000000 GHz
1.369 U

MARKER READOUT
 FUNCTIONS

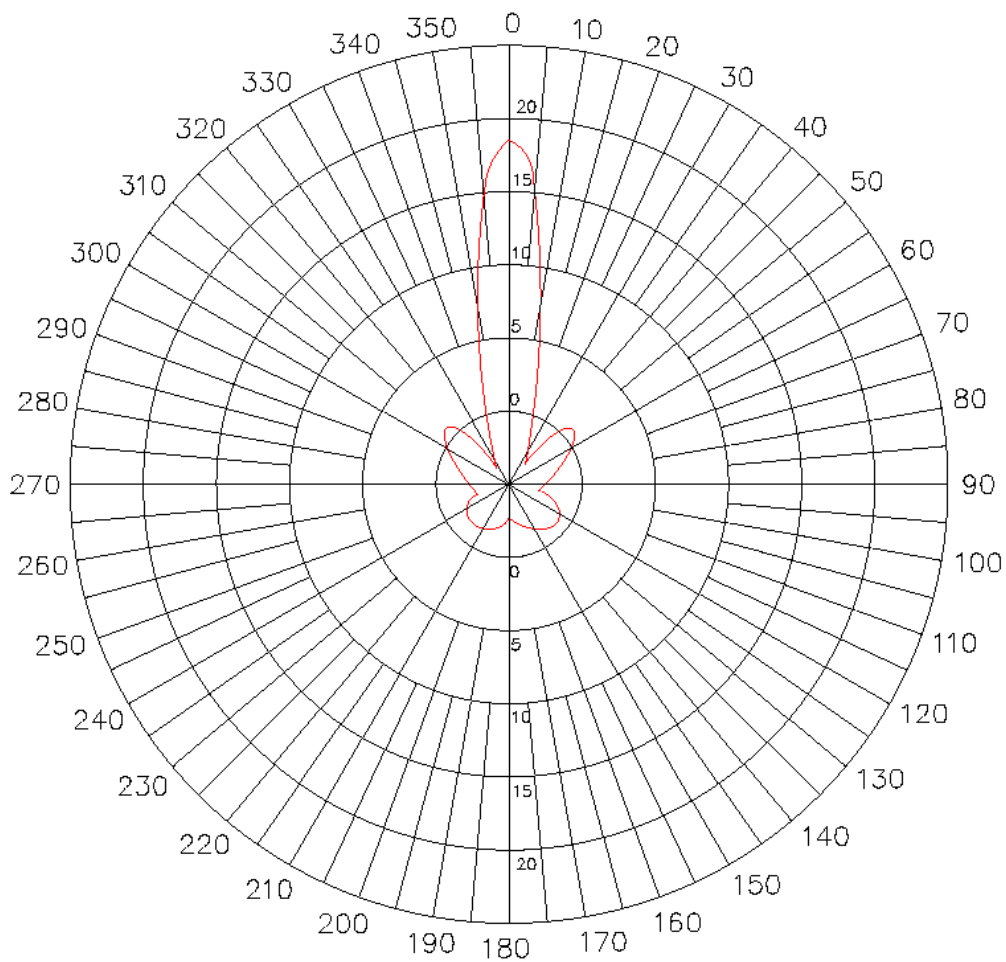
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H-PLANE FIELD PATTERNS



TP-518

E-PLANE FIELD PATTERNS



TP-518

