

SPECIFICATION FOR APPROVAL

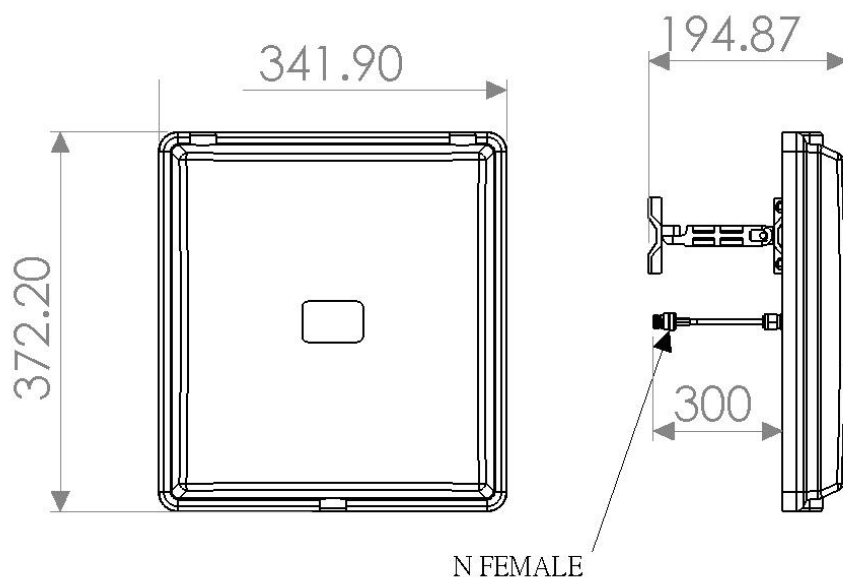
Customer :

Model No. : AP-8050

Description : 860~920/1710~2170 MHz
PANEL ANTENNA

Date : 2008/04/02

Rev : 1



Electrical Specifications:

Frequency Range :	860~920/1710~2170MHz
VSWR :	≤ 2.0
Impedance :	$50\Omega \pm 5\Omega$
Gain :	9/14 dBi
Polarization :	Vertical
Power Handling :	10 Watt

Mechanical Specifications:

Connector :	N Female
Operation Temp. :	-30°C ~ +60°C
Material :	Radome: ABS Mount: Zinc alloy
Dimension (L*W*H) :	341.9*372.2*194.87 mm
Weight :	2058 $\pm$ 20g (w/ mount)
Color :	White

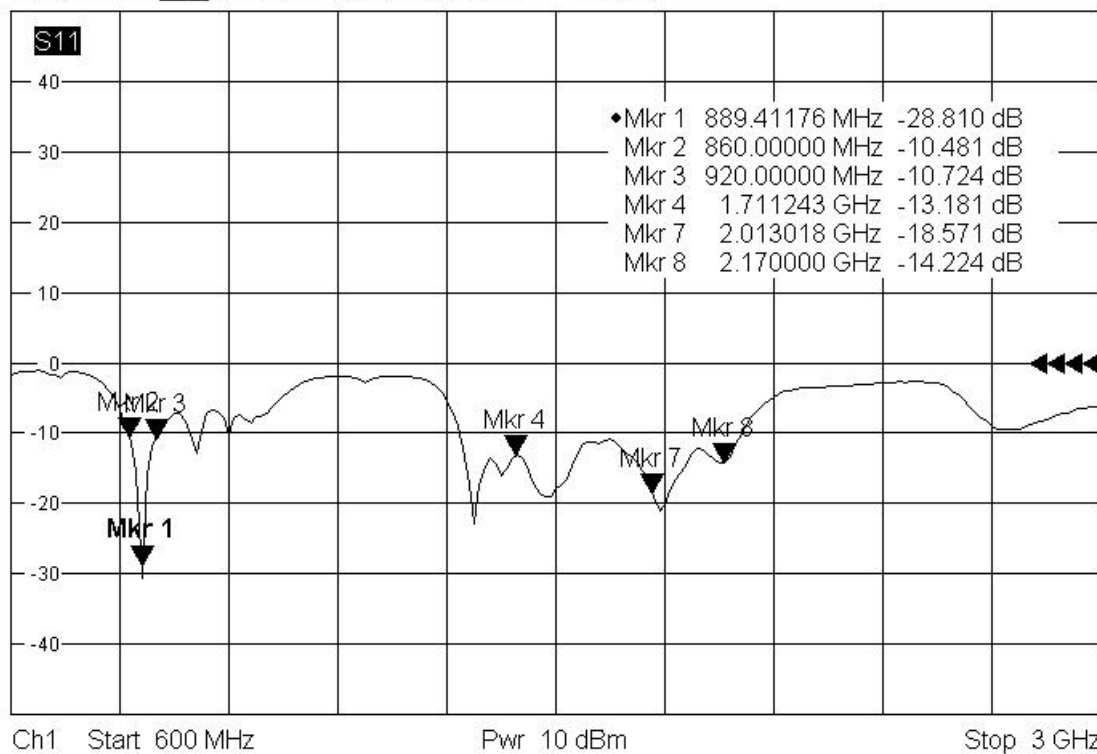
3D Illustration



RETURN LOSS

Trc1 S11 dB Mag 10 dB / Ref 0 dB Cal
 Trc2 S21 dB Mag 5 dB / Ref -45 dB Invisible
 Mem3[Trc2] S21 dB Mag 5 dB / Ref -45 dB Invisible
 Mem4[Trc1] S11 dB Mag 10 dB / Ref 0 dB Invisible

1 of 1 (Max)



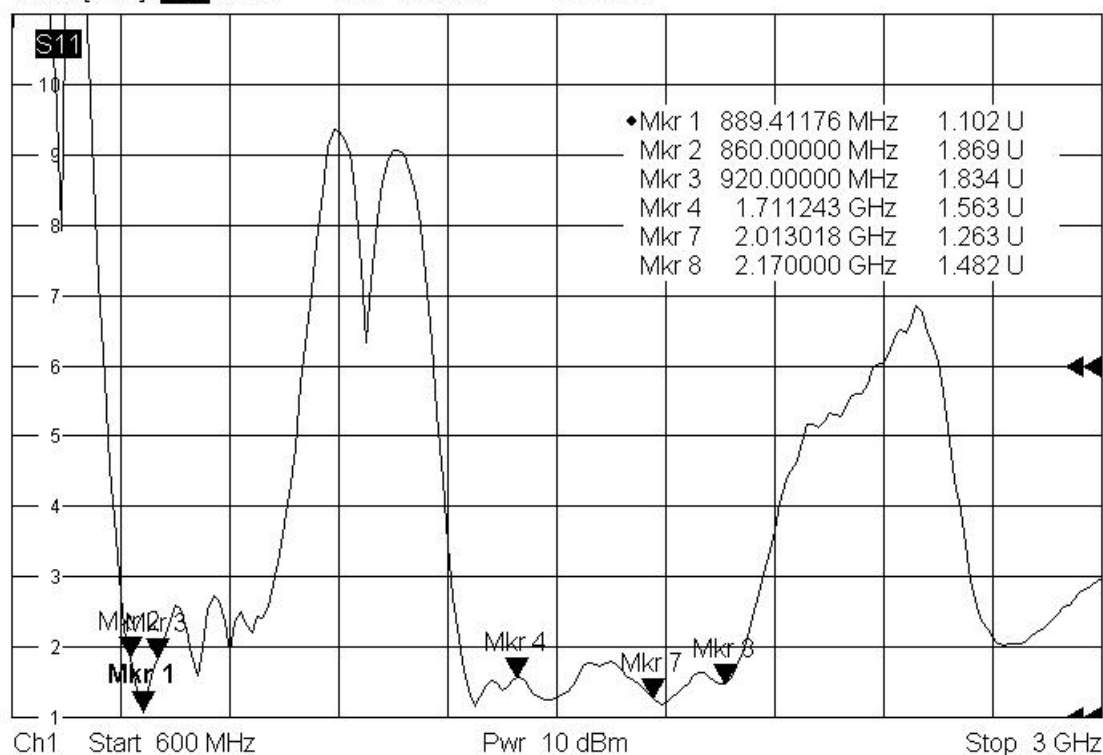
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SWR



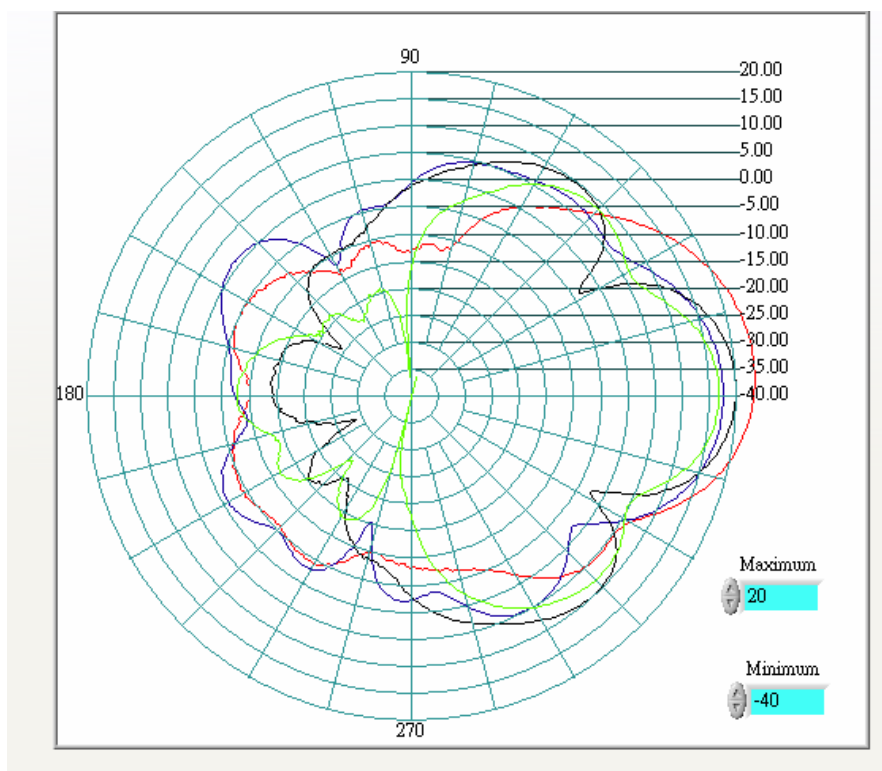
Trc1 S11 SWR 1 U / Ref 1 U Cal
 Trc2 S21 dB Mag 5 dB / Ref -45 dB Invisible
 Mem3[Trc2] S21 dB Mag 5 dB / Ref -45 dB Invisible
 Mem4[Trc1] S11 SWR 1 U / Ref 1 U Invisible

1 of 1 (Max)



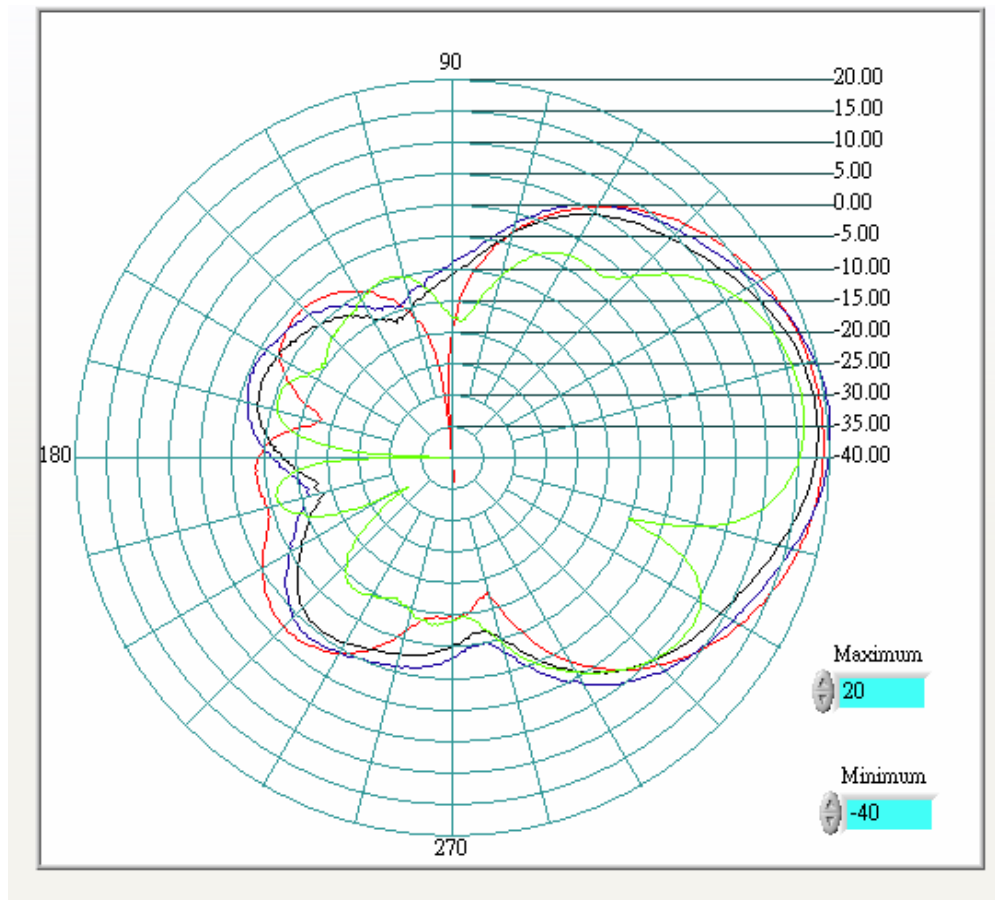
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H-PLANE



Color	Freq(Mhz)	Peak Gain	BeamWidth
■	900	9.09	53.5
■	1800	12.3	34.4
■	1900	13.95	27.7
■	2100	12.8	26.7

E-PLANE



Color	Freq(Mhz)	Peak Gain	Beamwith
■	900	9.02	51.1
■	1800	12.3	37.1
■	1900	13.58	32.6
■	2100	12.8	26.3