

SPECIFICATION FOR APPROVAL

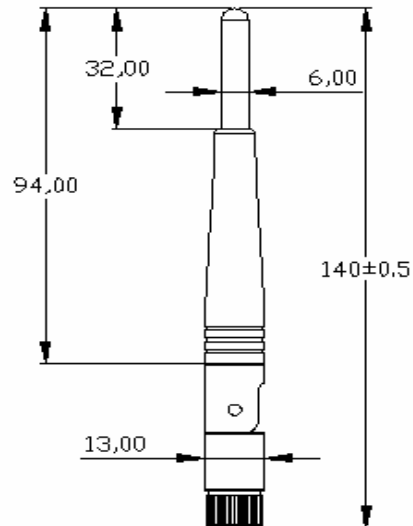
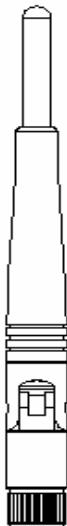
Customer :

Model No.: AR-5020RP

Description : 900/1800/2100MHz RUBBER ANTENNA

Date : 2007/11/09

Rev : 1



Electrical Specifications:

Frequency Range :	900/1800/2100MHz
VSWR :	≤ 2.0
Impedance :	$50\Omega \pm 5\Omega$
Forward Gain :	1.6dBi/2dBi
Polarization :	Vertical
Power Handling :	1 Watt
Beam Width :	H: 360°/360° E: 66°/51°

Mechanical Specifications:

Connector :	SMA MALE RS
Operation Temp :	-30°C ~+60°C
Material :	Radome: ABS Base: ABS
Dimension (L*W*H) :	Ø 13* 140±0.5 mm
Weight :	24g±2g
Color :	BLACK

3D Illustration

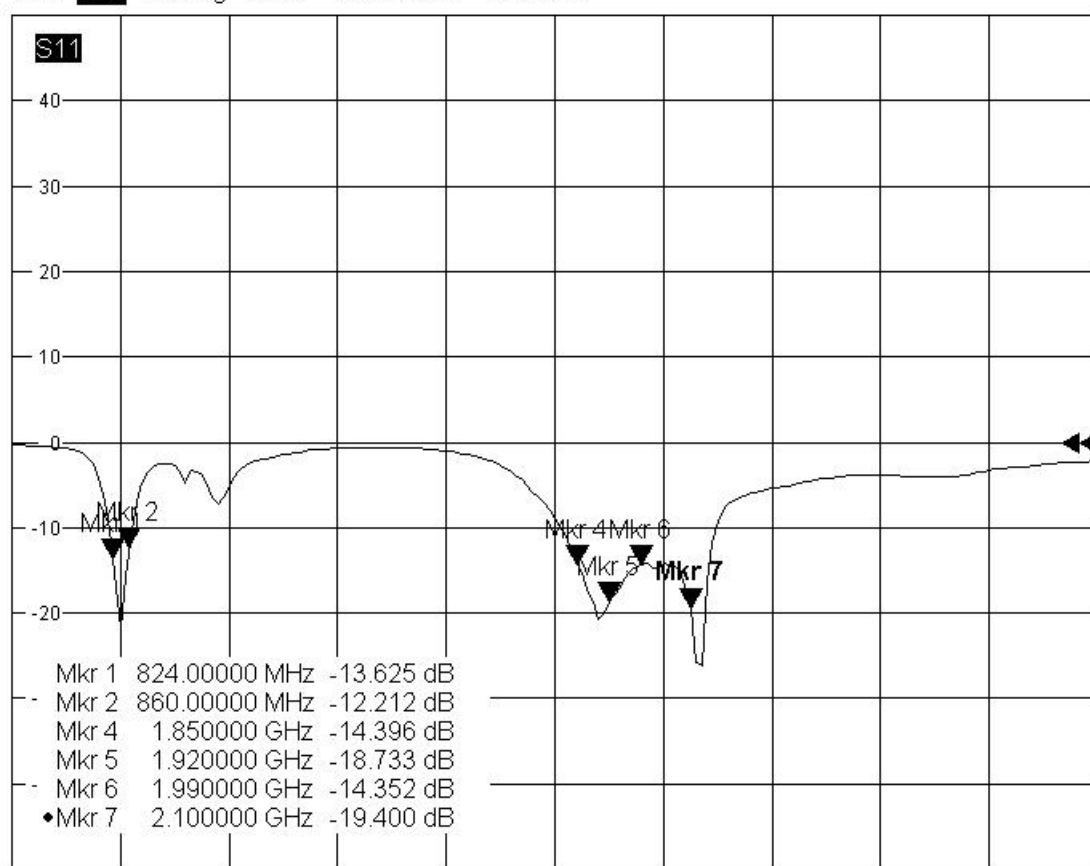


RETURN LOSS

Trc1 **S11** dB Mag 10 dB / Ref 0 dB Cal
 Trc2 **S21** dB Mag 5 dB / Ref -55 dB Invisible



1



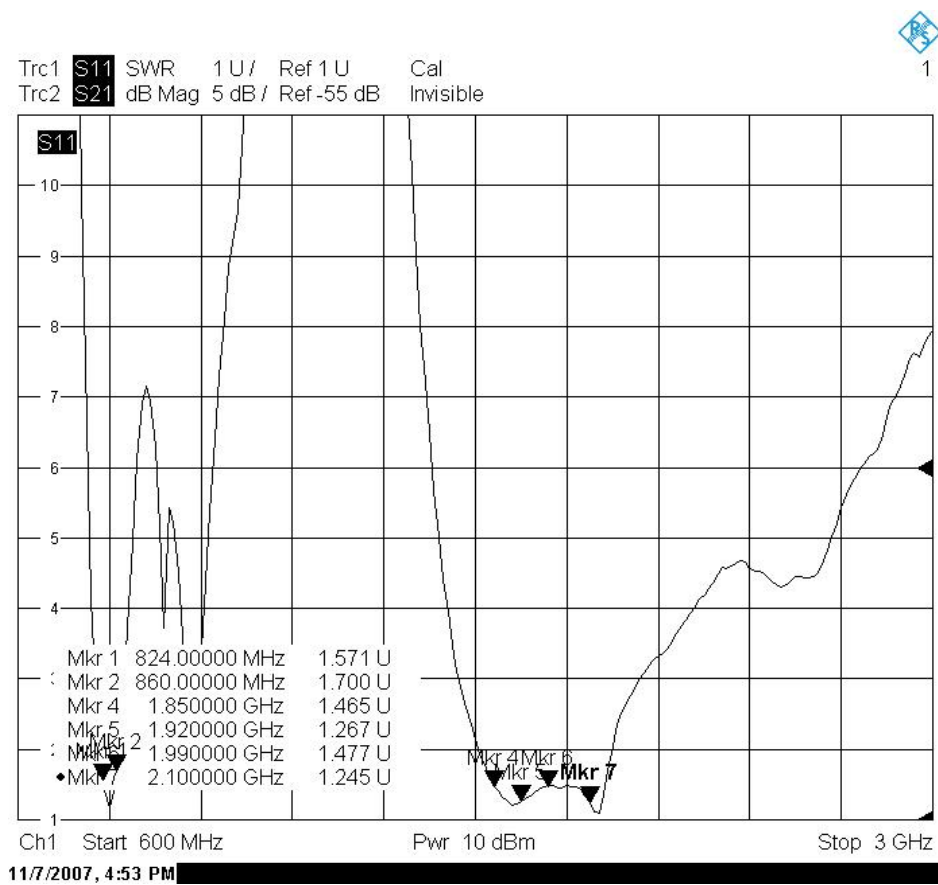
Ch1 Start 600 MHz

Pwr 10 dBm

Stop 3 GHz

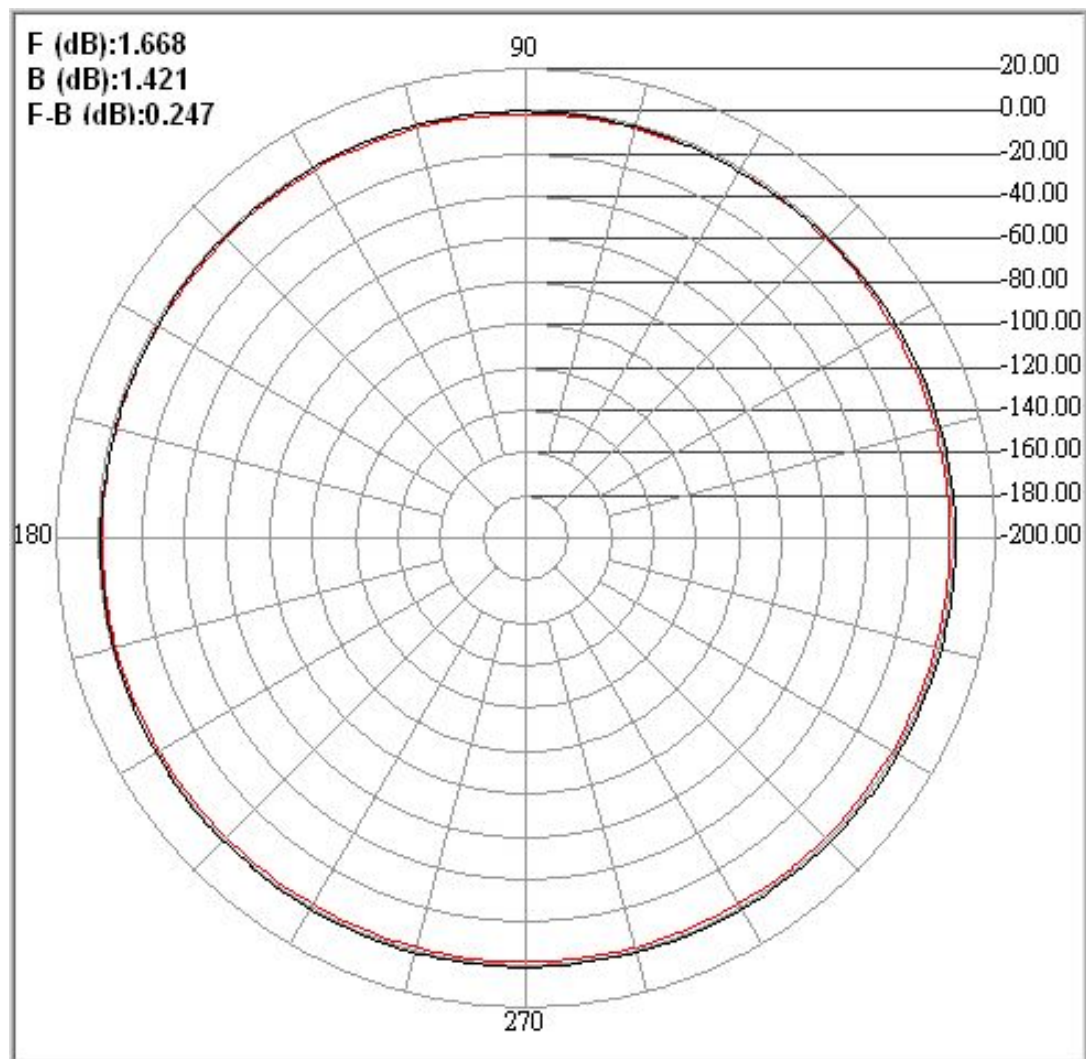
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SWR

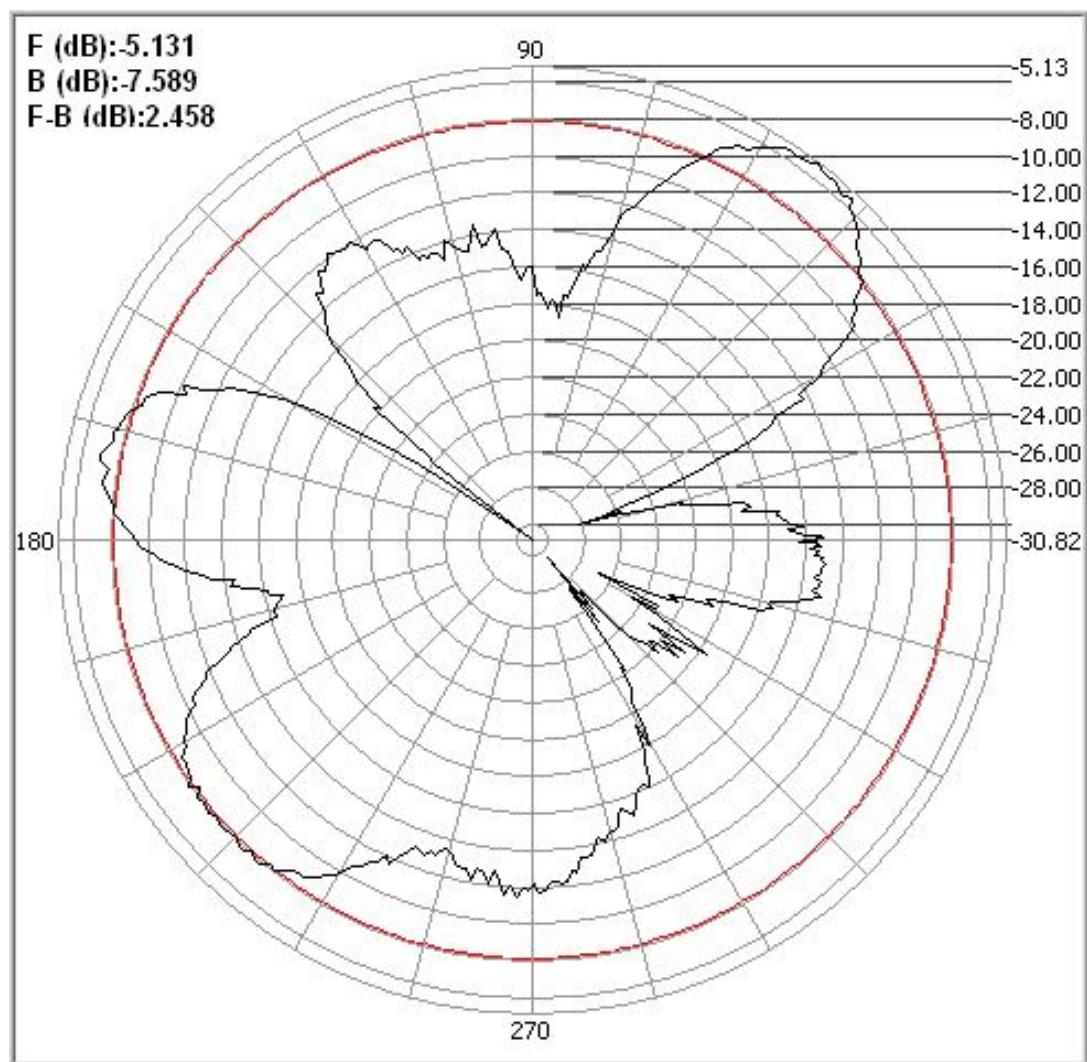


H-PLANE

824~896MHZ

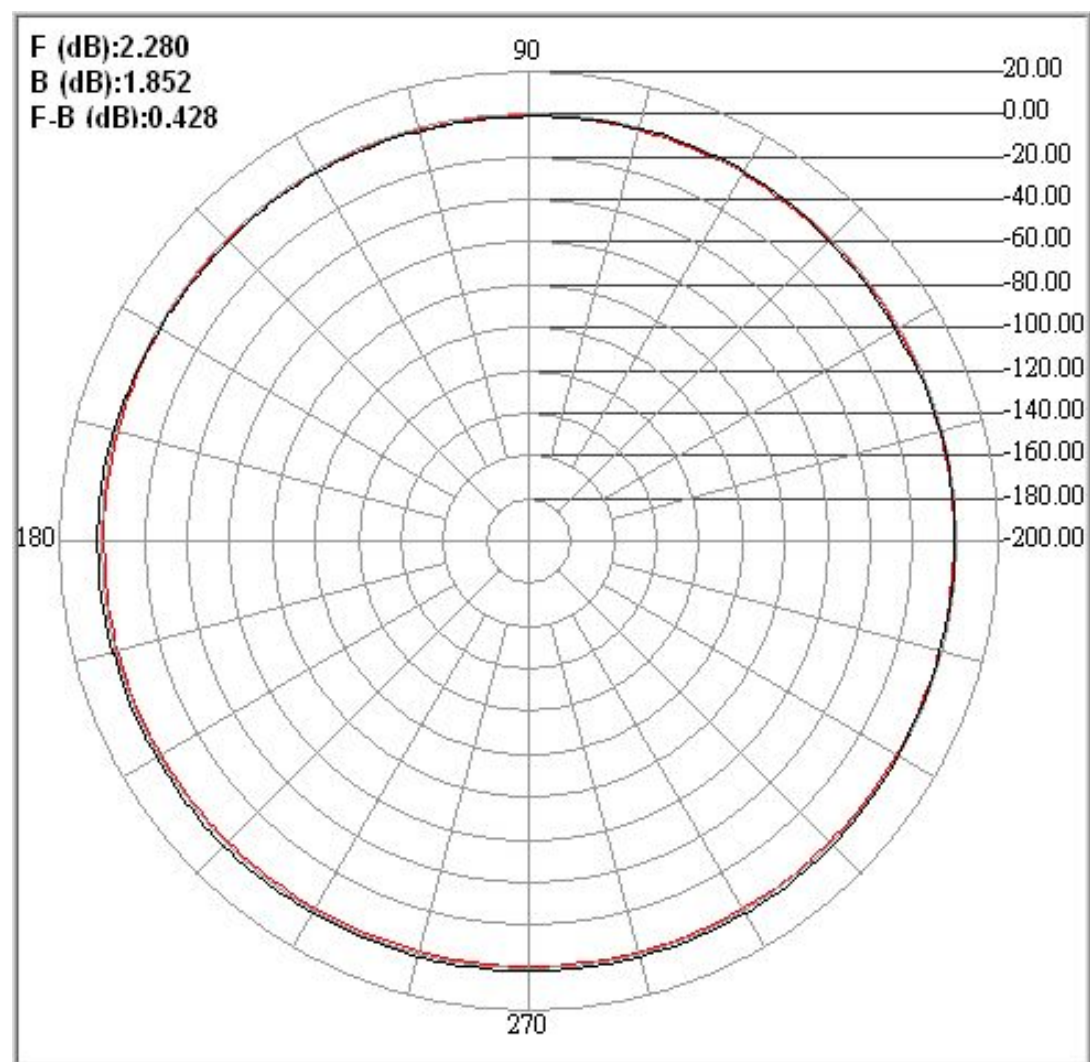


E-PLANE



H-PLANE

1800~2100MHZ



E-PLANE

