



JDGA

GPS antennas for demanding requirements

JDGA QVSMA-20 Quad V SMT Active GPS Antenna 24dB



Center Frequency	1575.MHz
Beam Width	>120 degrees
Impedance	50 ohm
Polarization	Linear (four quadrant)
Voltage	2.5-3.3Vdc
Current	5.2mA (@3Vdc)
Gain	24dB (@3Vdc)
Noise	0.80dB (@3Vdc)
VSWR	< 2:1
Relative Humidity	95% non condensing
Storage Temperature	-50°C to +90°C
Operating Temperature	-40°C to +85°C
Dimensions with radome	13(D) X 15(W) X 49(L) mm



Rev 3 May 19, 2011

JDGA 1411 E Campbell Rd Richardson TX 75081 972-699-9976 972-699-9977 (fax)

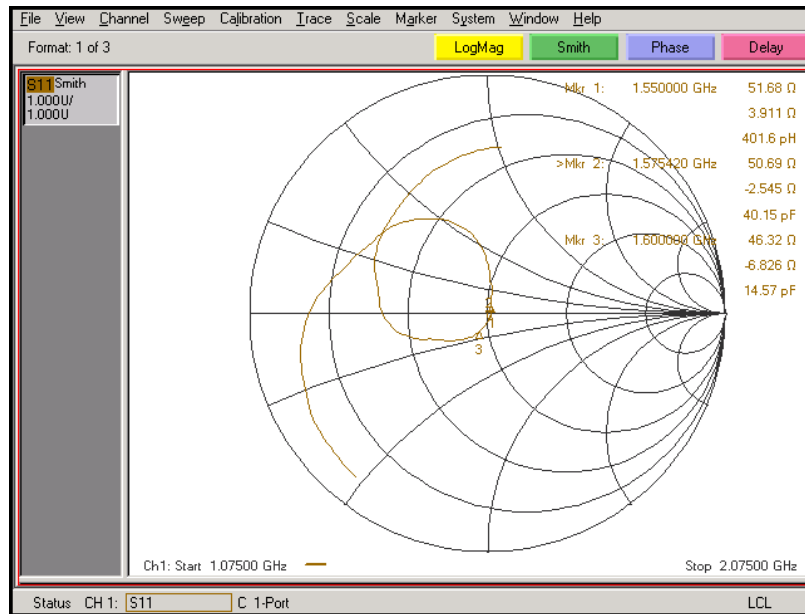
www.jdgagps.com



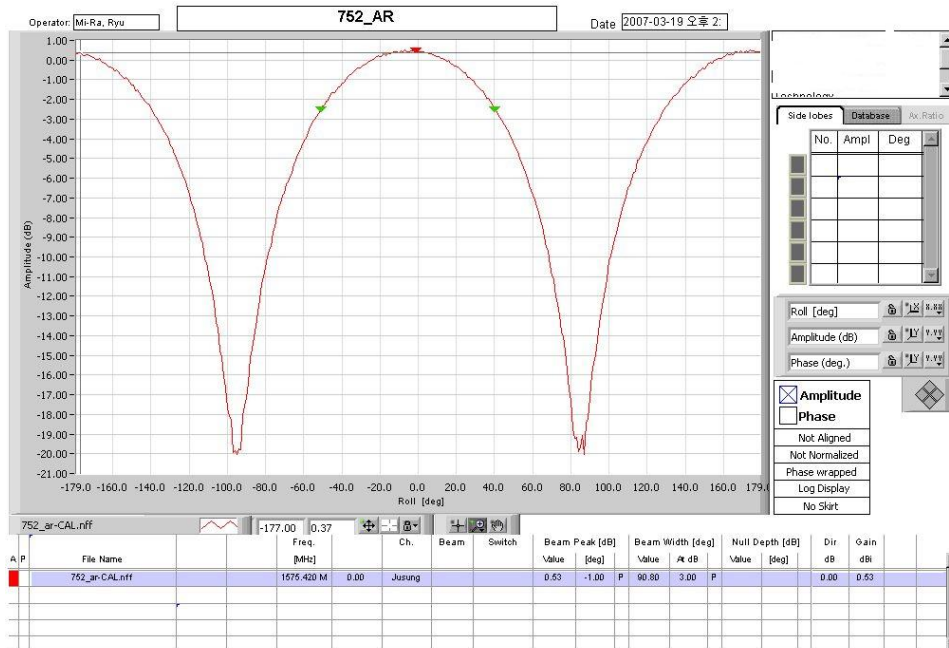
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Smith



Axis

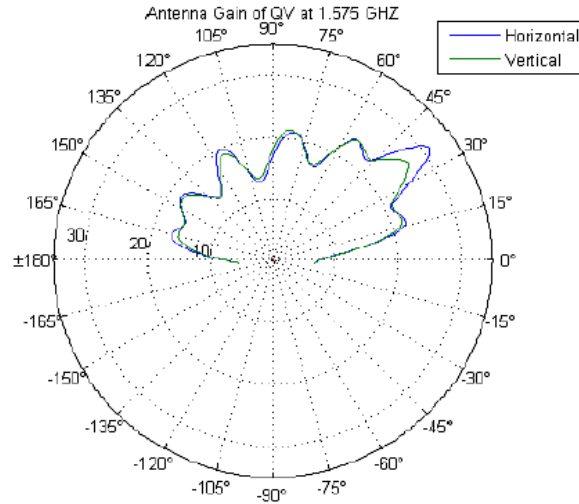




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Gain @ 1575Mhz



Element Return Loss



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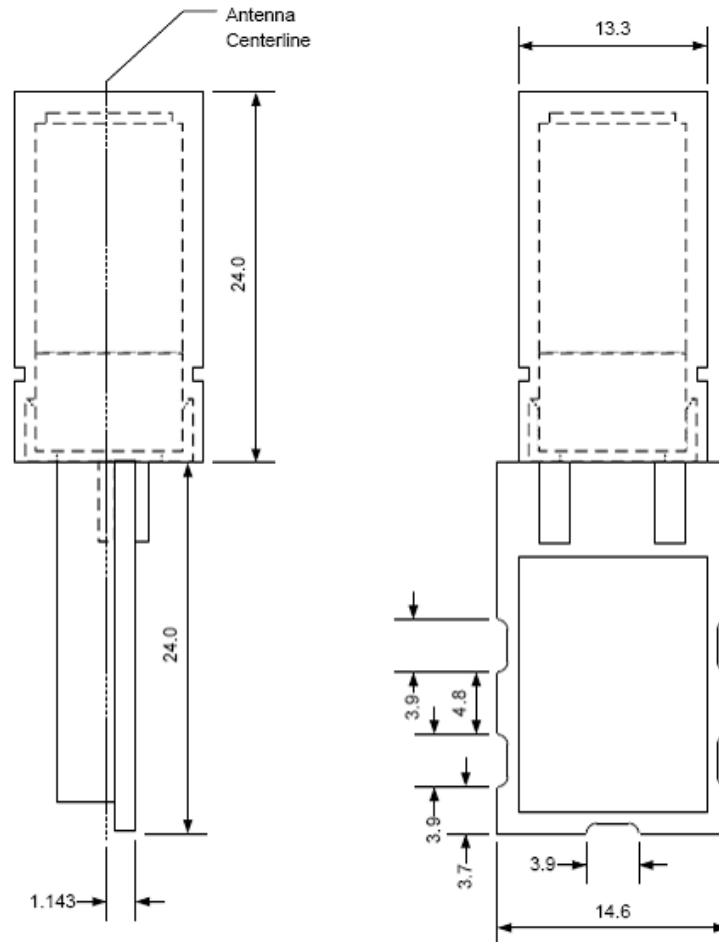
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Mechanical



Notes:

1. All Dimensions in "mm"

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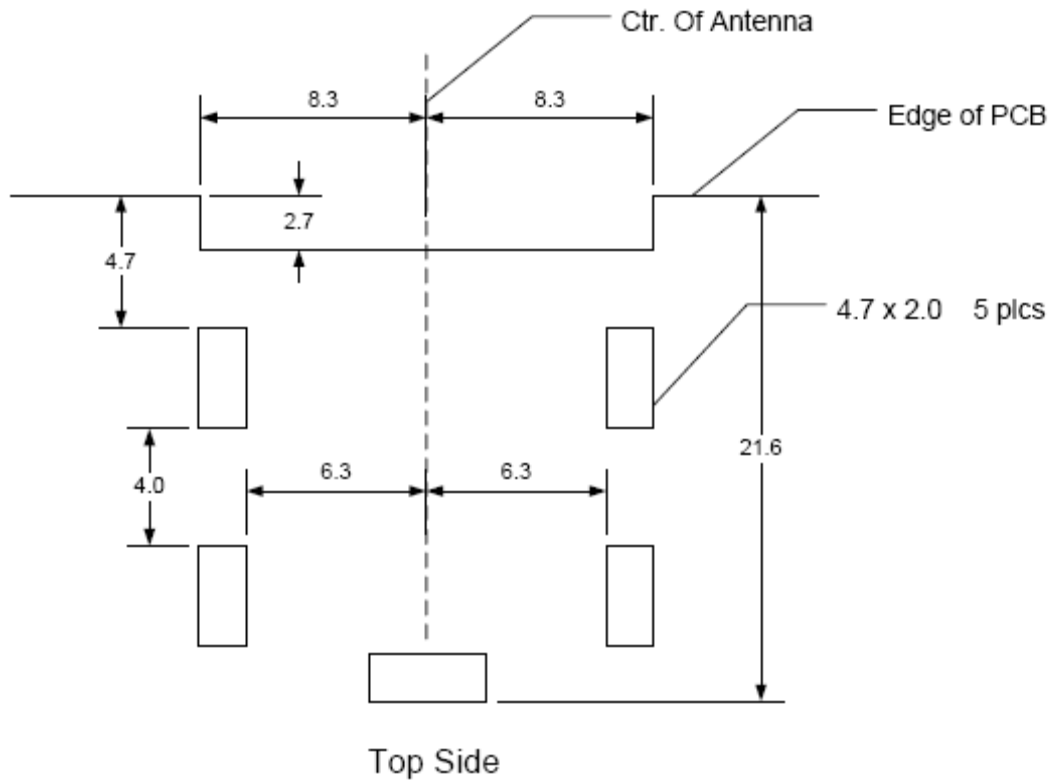
www.jdgagps.com



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Pad Layout



Notes:

1. All Dimensions in "mm"