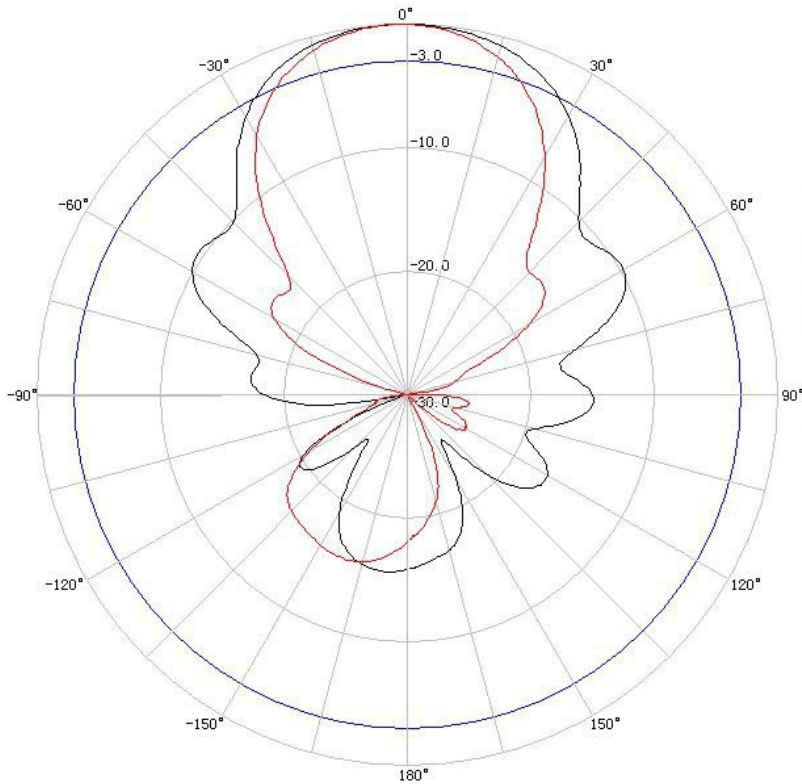


Radiation Patterns YA614/69813



Frequency: 614MHz
Testing Date: 2010-9-7
Polarization: Vertical
Elevation: H_plane
MaxElectric: 76.02dBm
3dB beamwidth: 8.07°
F/B Ratio: 13.68dB

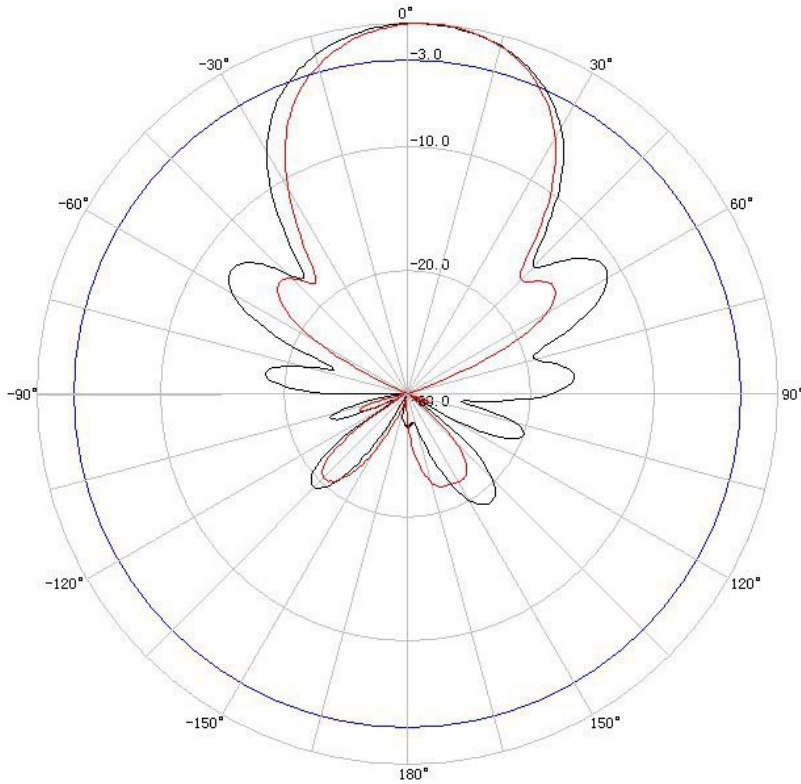
Frequency: 614MHz
Testing Date: 2010-9-7
Polarization: Vertical
Elevation: V_plane
MaxElectric: 82.09dBm
3dB beamwidth: 11.19°
F/B Ratio: 14.41dB

Gain: 12.22dBi



320 Northpoint Parkway SE
Suite B & C
Acworth, GA 30102 USA
Tel: 770-529-6800
Fax: 770-529-6840
www.dmswireless.com

Radiation Patterns YA614/69813



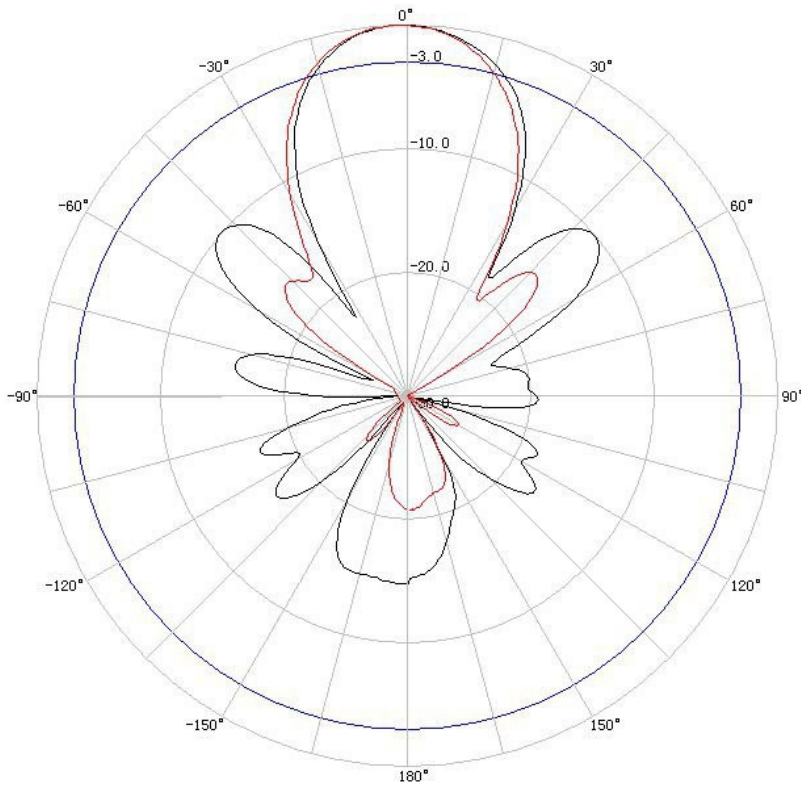
Frequency: 656MHz
Testing Date: 2010-9-7
Polarization: Vertical
Elevation: H_plane
MaxElectric: -45.10dBm
3dB beamwidth: 45.37°
F/B Ratio: 21.44dB

Frequency: 656MHz
Testing Date: 2010-9-7
Polarization: Vertical
Elevation: V_plane
MaxElectric: -42.48dBm
3dB beamwidth: 40.41°
F/B Ratio: 21.87dB

Gain: 13.07dBi

DMS Wireless

Radiation Patterns YA614/69813



Frequency: 698MHz
Testing Date: 2010-9-7
Polarization: Vertical
Elevation: H_plane
MaxElectric: -43.19dBm
3dB beamwidth: 33.59°
F/B Ratio: 14.74dB

Frequency: 698MHz
Testing Date: 2010-9-7
Polarization: Vertical
Elevation: V_plane
MaxElectric: -36.03dBm
3dB beamwidth: 32.80°
F/B Ratio: 20.67dB

Gain: 14.42dBi