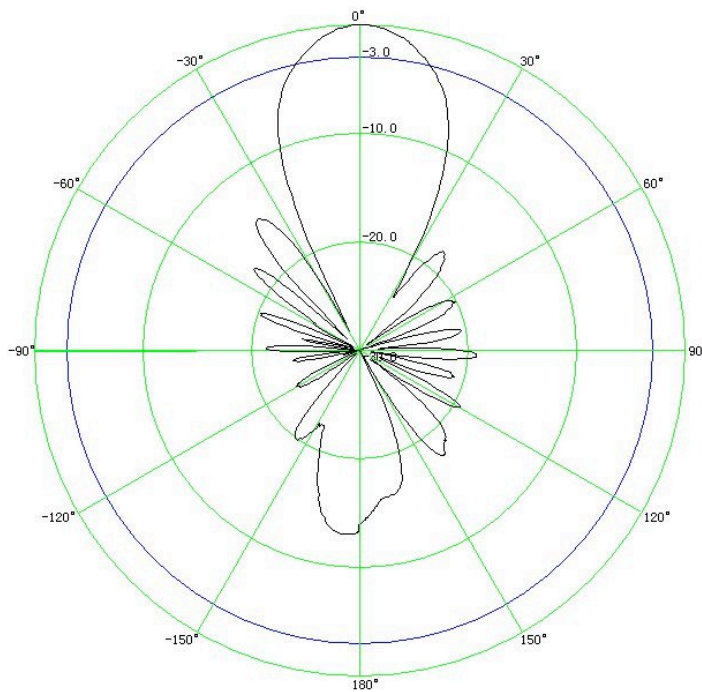
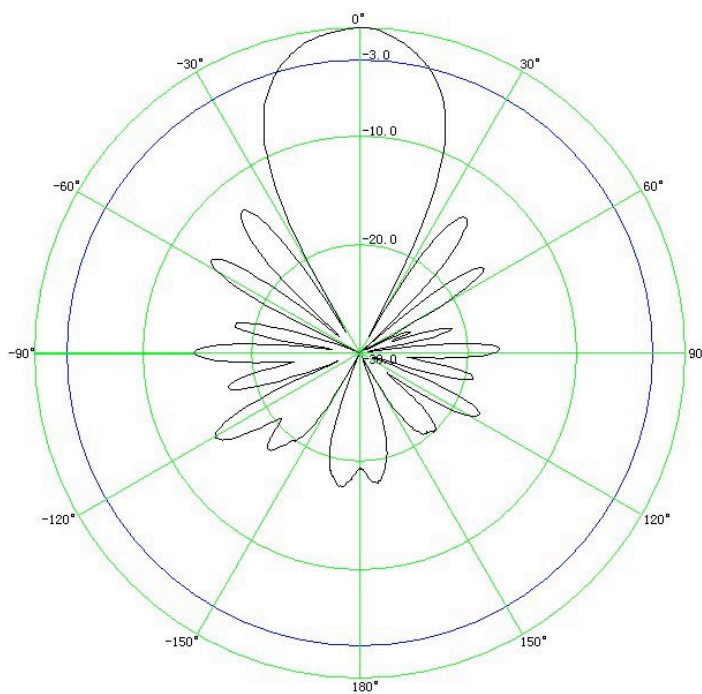


YA142714W Radiation Patterns

January 2009



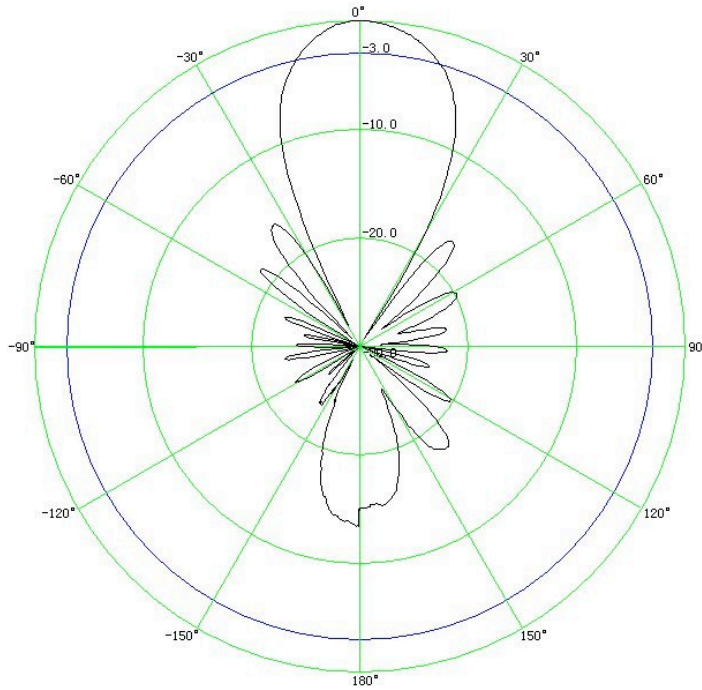
DMS Wireless
Frequency: 1427MHz
Testing Date: 2009-1-10
Polarization: Vertical
Elevation: V_plane
MaxElectric: -44.25dBm
3dB beamwidth: 26.77°
F/B Ratio: 15.11dB



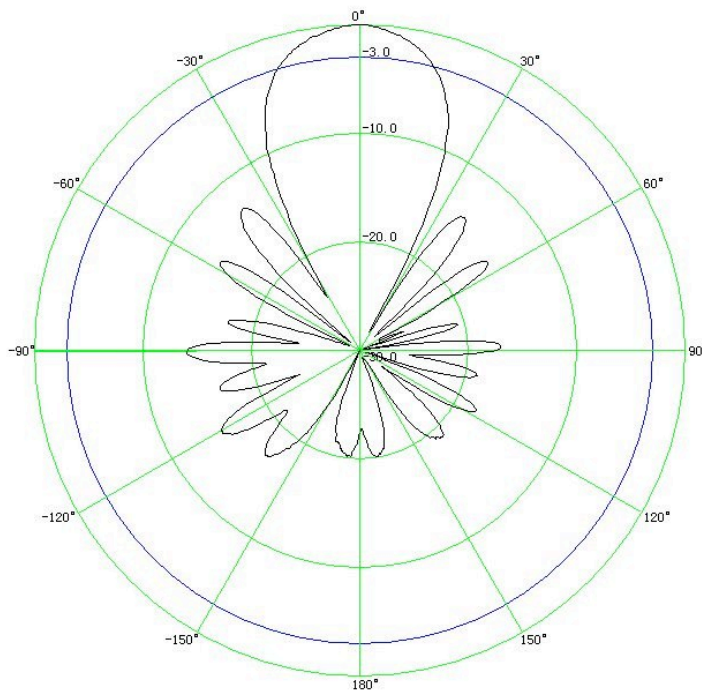
DMS Wireless
Frequency: 1427MHz
Testing Date: 2009-1-10
Polarization: Vertical
Elevation: H_plane
MaxElectric: -44.25dBm
3dB beamwidth: 30.26°
F/B Ratio: 17.53dB

YA142714W Radiation Patterns

Continued



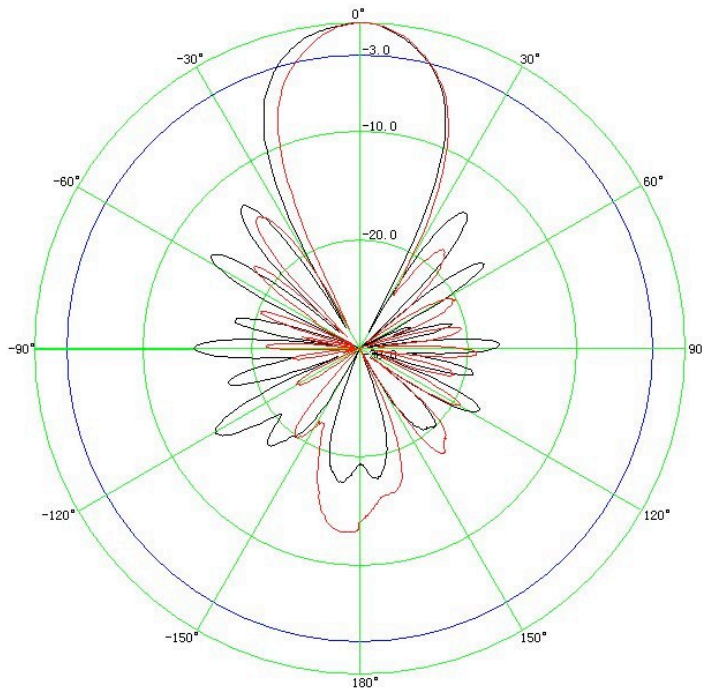
DMS Wireless
Frequency: 1433MHz
Testing Date: 2009-1-10
Polarization: Vertical
Elevation: V_plane
MaxElectric: -43.94dBm
3dB beamwidth: 28.66°
F/B Ratio: 15.35dB



DMS Wireless
Frequency: 1433MHz
Testing Date: 2009-1-10
Polarization: Vertical
Elevation: H_plane
MaxElectric: -44.03dBm
3dB beamwidth: 31.01°
F/B Ratio: 20.03dB

YA142714W Radiation Patterns

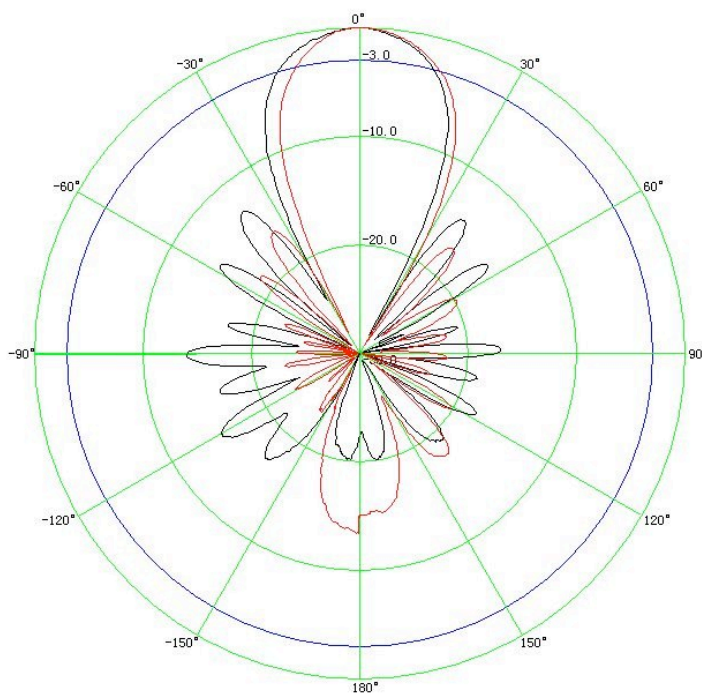
Continued



DMS Wireless
Frequency: 1427MHz
Testing Date: 2009-1-10
Polarization: Vertical
Elevation: H_plane
MaxElectric: -44.25dBm
3dB beamwidth: 30.26°
F/B Ratio: 17.53dB

Frequency: 1427MHz
Testing Date: 2009-1-10
Polarization: Vertical
Elevation: V_plane
MaxElectric: -44.25dBm
3dB beamwidth: 26.77°
F/B Ratio: 15.11dB

Gain: 15.26dBi



DMS Wireless
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Gain: 15.27dBi