

Far-field amplitude, Eprincipal: Linear, Tau = 90.000 deg  
Gain = None Max far-field (global) = -33.3096 dB, Max far-field  
(plot) = -33.3096 dB  
Normalization: Peak (Plot), Network offset = 0.000 dB  
Hpeak at: -0.3009 deg, Vpeak at: -6.11265 deg  
Plot centering: On  
Directivity = 17.665 dB

#### Golfpijp antenne

NSI2000 V4.0.15, Filename:C:\NSI2000\Data\MEETDATA\UHF\WGpOO.nsi  
Measurement date/time: 7/29/03 11:05:45 AM, Filetype: NSI-97

#### Far-field Cut Analysis:

-3. dB beam width: 9.64 deg  
-6. dB beam width: 13.13 deg  
-10. dB beam width: 16.11 deg  
Left Sidelobe: -12.57 dB at -15.676 deg  
Right Sidelobe: -13.42 dB at 15.916 deg

#### Far-field display setup

Azimuth (deg)  
Span = 120.000 deg, Center = -0.3009 deg, ipts = 1001  
Start = -60.3009 deg, Stop = 59.6991 deg, Delta = 0.120 deg  
Elevation (deg)  
Center = -6.11265 deg, fpts = 1  
Plot rotation = 0.000 deg  
Interpolation: Cubic  
Coordinate system: Az/El; Polarization: L2 Az/El

#### Far-field transform setup

FFT size: 64, 32  
X/Y/Z shift = 0.000 m, 0.000 m, 0.000 m  
Filter Mode: Off, Zoom: Off  
Probe setup: As-acquired  
Probe model: OEWG WR430: 1.70-2.60 GHz

#### Selected beam(s) 1 of 3 Beam

Beam	AUT switch	equency	Y axis	X axis	Pol axis
-----	-----	-----	-----	-----	-----
Beam Name 2	0.000	2.440 GHz	Y axis	X axis	Single-pol

#### Near-field setup:

##### Data - Raw near-field

Truncation: Off  
Amplitude tapering: Off  
Network correction: Off  
Position phase correction: Off

#### Measured data:

X (meters)  
Span = 3.000 m, Center = 0.016 m, #pts = 52  
Start = -1.484 m, Stop = 1.516 m, Delta = 0.05882 m  
Y (meters)  
Span = 1.500 m, Center = -2.350 m, #pts = 27  
Start = -3.100 m, Stop = -1.600 m, Delta = 0.05769 m  
Aut Width/Height: 0.850 m, 0.100 m  
H/V Max Far-field angles: 60.000 deg, 50.000 deg  
Probe-to-AUT spacing: 0.550 m

#### Measurement type: NF Planar XY

Scan options: CV Off, CP On, Bi-dir On, V-scan  
Beamset smear: 0.01084 m  
Scan plane compensation: On

#### Probe setup as acquired:

Probe model: OEWGWR430: 1.70-2.60 GHz  
Probe-1: Lin-90(Ey), Probe-2:None

#### RF system:

Integration time: 1.960 mSec  
Scan speed: 0.254 m/sec  
Drift during scan (final - initial)  
Amp/Phase initial = -18.07 dB, -25.3 deg  
Amp/Phase drift = 0.02 dB, 0.2 deg

Far-field amplitude of WGp00.nsi

