

Far-field amplitude, Eprincipal: Linear, Tau = 90.000 deg  
Gain = None Max far-field (global) = -33.60733 dB, Max far-field  
(plot) = -33.60733 dB  
Normalization: Peak (Plot), Network offset = 0.000 dB  
Hpeak at: -0.62563 deg, Vpeak at: -4.13601 deg  
Plot centering: On  
Directivity = 17.713 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: 70.89 deg  
-6. dB beam width: 88.98 deg  
-10. dB beam width: Not Found  
Left Sidelobe: -1.78 dB at -33.183 deg  
Right Sidelobe: -1.95 dB at 41.491 deg

#### deg Far-field display setup

Azimuth (deg)  
Center = -0.62563 deg, #pts = 1  
Elevation (deg)  
Span = 100.000 deg, Center = -4.13601 deg, tpts = 1001  
Start = -54.13601 deg, Stop = 45.86399 deg, Delta = 0.100 deg  
Plot rotation = 0.000 deg  
Interpolation: Cubic  
Coordinate system: Az/EI; Polarization: L2 A2/E1

#### Far-field transform setup

FFT size: 64, 32  
X/Y/Z shift = 0.000 m, 0.000 m, 0.000 m  
Filter Mode: Max FF, 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 1	0.000	2.410 GHz	Y axis	X axis	Single-pol

#### Near-field setup:

##### Data - Raw near-field

Truncation: Off  
Amplitude tapering: Off  
Network correction: Off  
Probe/AUT Z-axis: On, K-correction: Off  
MTI gain: Off, MTI phase: Off

#### Measured data:

X (meters)  
Span = 3.000 m, Center = 0.016 m, tpts = 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  
Beamsheet smear: 0.01084 m  
Scan plane compensation: On

#### Probe setup as acquired:

Probe model: OEWG WR430: 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

