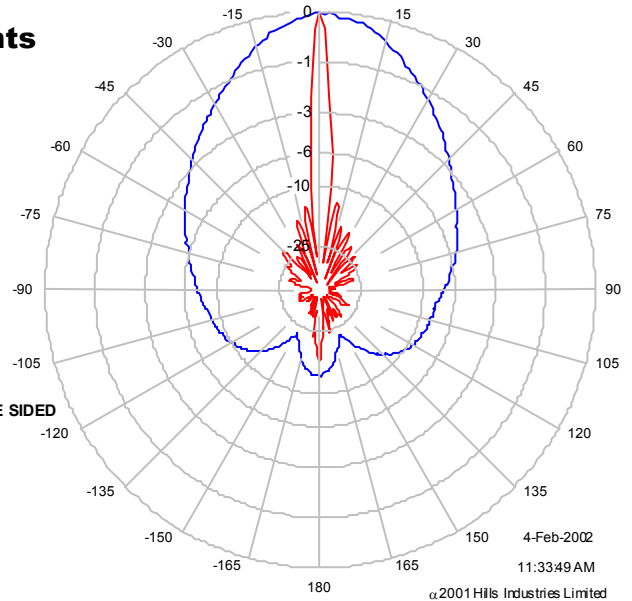


2.4 GHz SLOT ANTENNA

Features

- **Excellent corrosion protection**
- **Robust engineered design**
- **Rugged galvanised mounts**
- **Low wind loadings**
- **95° or 360° Coverage**
- **Easy installation**
- **Weatherproof**



Constructed from rigid aluminium extrusion, these units are powder coated and sealed with

cover providing a lightweight, rigid, weatherproof TX antenna © 2001 Hills Industries Limited

Each kit comes complete with comprehensive assembly instructions.

Specifications

	4 Single Sided	4 Double Sided	12 Single Sided	12 Double Sided
Frequency	2.4 to 2.485 GHz (Other frequency ranges are available)			
Polarization	Horizontal	Horizontal	Horizontal	Horizontal
Gain	11.8 dBi	8.9 dBi	16.3dBi	13.3dBi
Return loss (typical)	27 dB	27 dB	18dB	18dB
Horizontal Beamwidth	99.7°	360°	96.4°	360°
Vertical Beamwidth	18.0°	19.7°	6.4°	6.7°
Cross polarisation (typical)	-35 dB	-29 dB	-35dB	-27dB
Maximum power input	10 watts			
Front to Back Ratio	17.3 dB	N/A	17.0dB	N/A
Termination	N-Type Connector (Other connectors available on request)			
Characteristic impedance	50 ohms			
Reflector dimensions	600mm x 100mm x 25mm		1200mm x 100mm x 25mm	
Mechanical tilt	10° (down)			
Mounting pole diameter	50-60mm			
Wind loading 50m/s @ 20m	0.19kN		0.48kN	
Shipping weight	3.0kg		4.0kg	

HILLS INDUSTRIES LIMITED ABN 35007 573 417 ANTENNA & TV SYSTEMS DIVISION

New South Wales

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Western Australia

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Export Sales

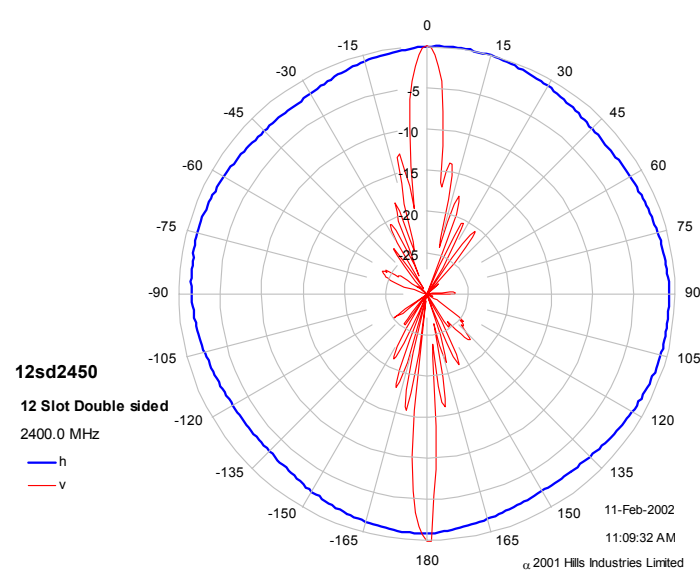
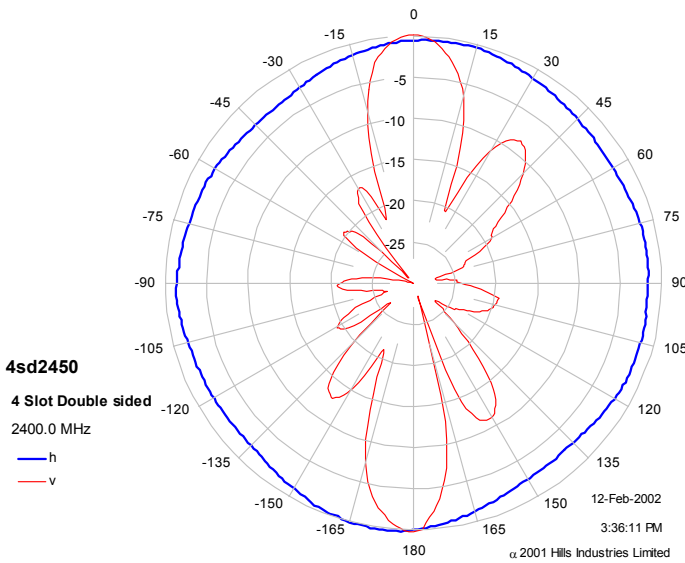
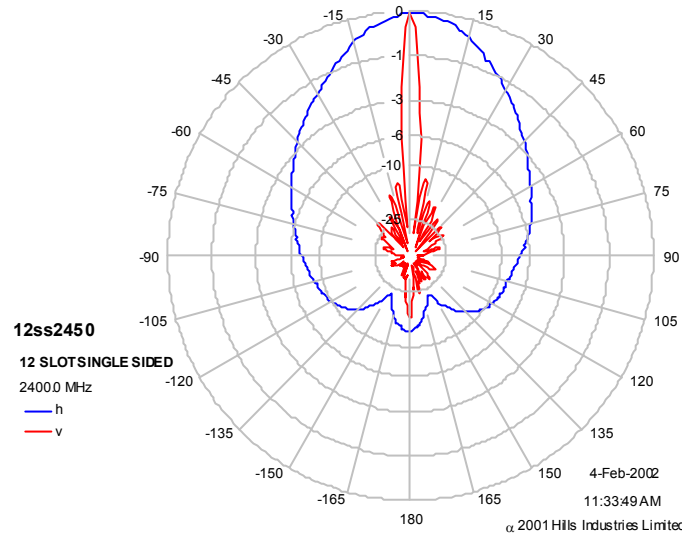
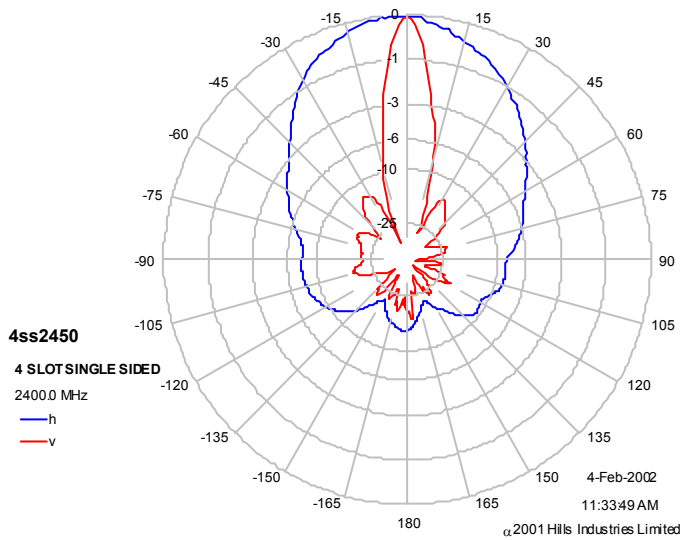
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 TERRESTRIAL, MICROWAVE &
 SATELLITE ANTENNAS



2.4 GHz SLOT ANTENNA Radiation Patterns



Typical radiation patterns showing 4 Single and Double slot and 12 Single and Double slot models.

All plots at 2.400GHz.

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