

# High Gain MIMO Panel

1350 – 2690 MHz

Product Code: PANL-A0056

VERSION: 1.1



## SPECIFICATIONS:

<b>Product codes:</b>		
PANL-A0056	Band 3+ MIMO Panel	
PANL-A0056-01	Band 3 MIMO Panel Antenna	
<b>Electrical:</b>	<b>PANL-A0056</b>	<b>PANL-A0056-01</b>
Input frequency range	1350 – 2690 MHz	1350 – 2310 MHz
VSWR	< 2:1 (typical)	< 2:1 (typical)
Nominal input impedance	50 $\Omega$	50 $\Omega$
Connector	2x N-type female	2x N-type female
Feed power handling	10 W	10 W
Gain	See graph below	See graph below
Cross polar isolation	See graph below	See graph below
Polarisation	Linear (HP & VP)	Linear (HP & VP)
<b>Mechanical:</b>		
Dimensions (excl bracket)	600 mm x 322 mm x 80 mm	
Weight	< 5 kg	
Materials	Plastic, Fibreglass, Aluminium	
Colour	On request	
Mounting	Pole clamp, 40 mm – 55 mm	
<b>Environmental: designed to meet the following specifications</b>		
Wind loading	160 km/h	
Temperature range	-40 °C to +71 °C	

## PRODUCT DESCRIPTION:

The PANL-A0056 is a high gain panel antenna that has been designed for use in the Band 3 and Band 3+ communication frequency bands.

The antenna features 2x output ports for simultaneous vertical and horizontal polarisation applications. The antenna has very good port-port isolation as well as a low VSWR across the band.

## PRODUCT FEATURES:

- Low VSWR
- High gain
- Lightweight
- Pole mounting

## PRODUCT APPLICATIONS:

- Communication
- Monitoring

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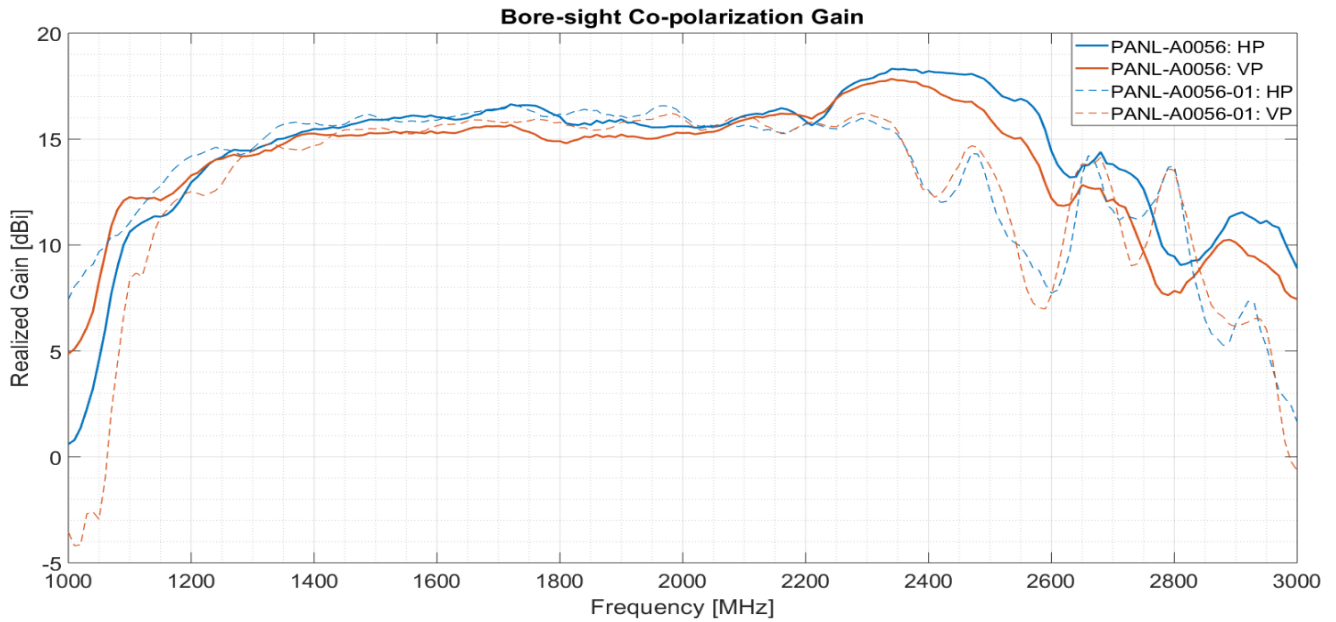
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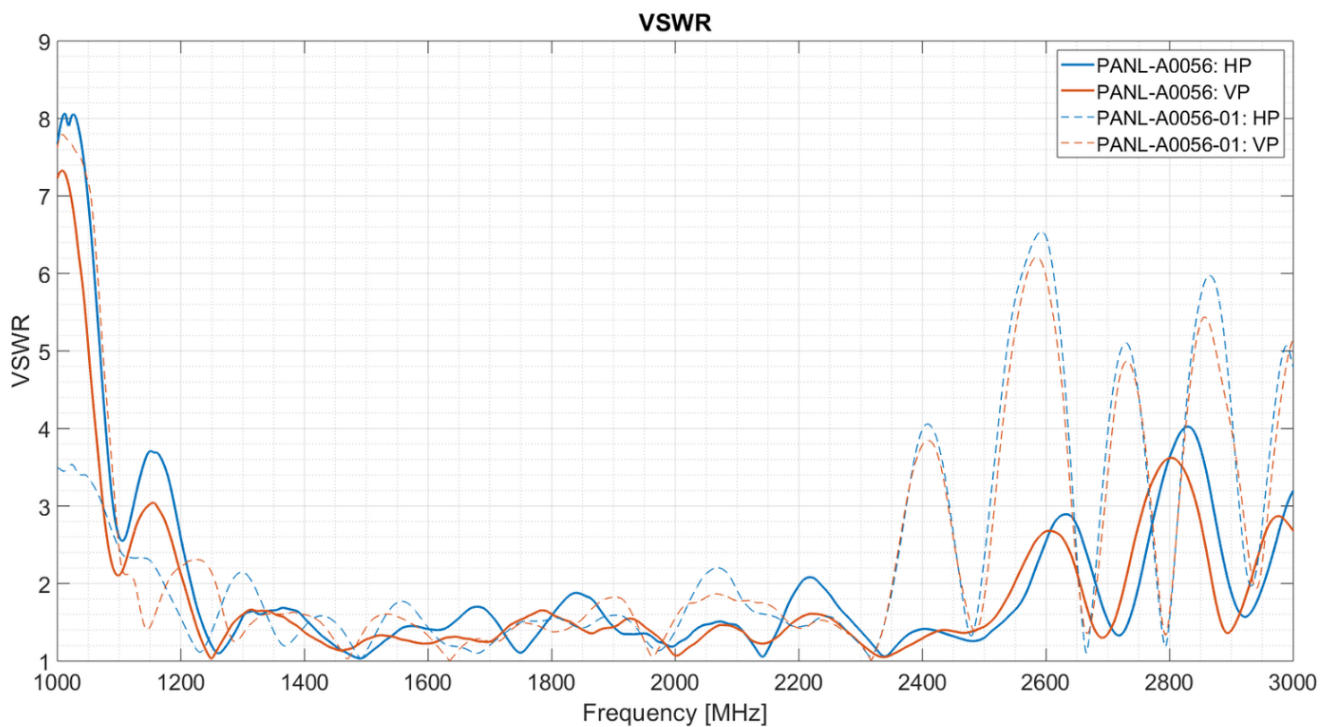
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## ELECTRICAL PERFORMANCE:

### GAIN:



### VSWR:



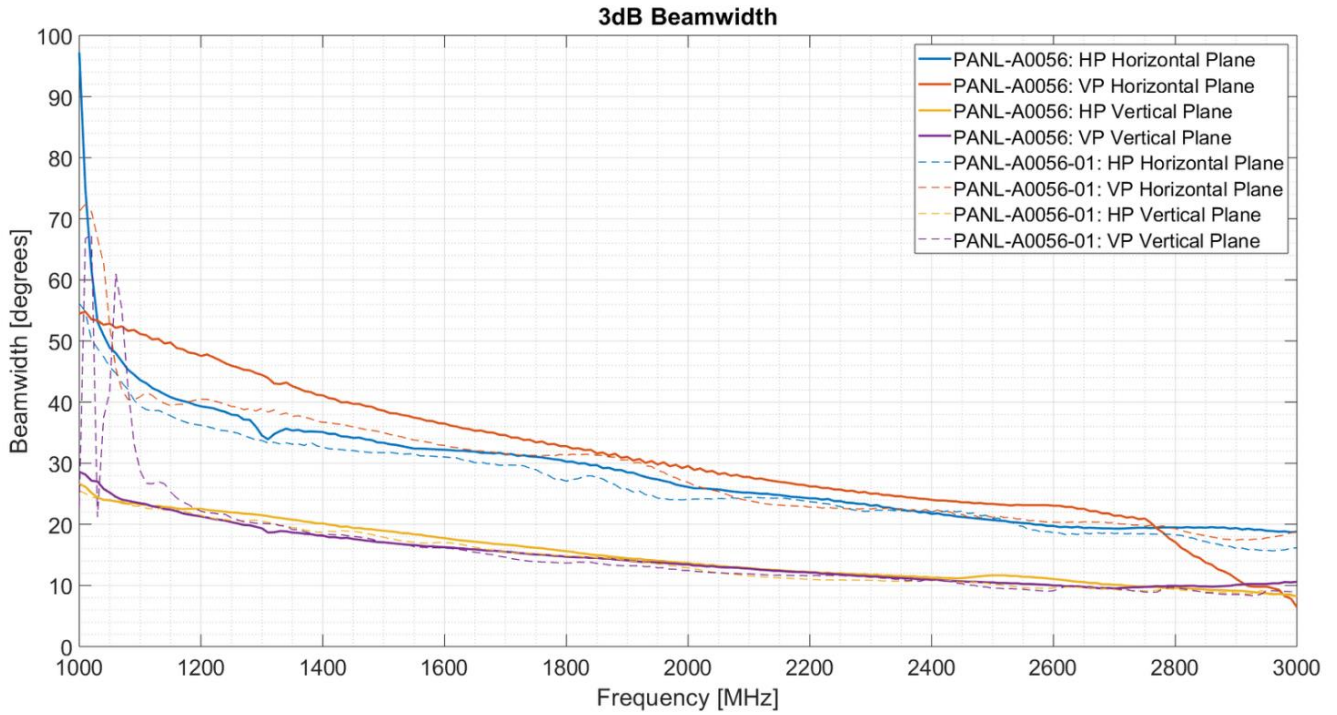
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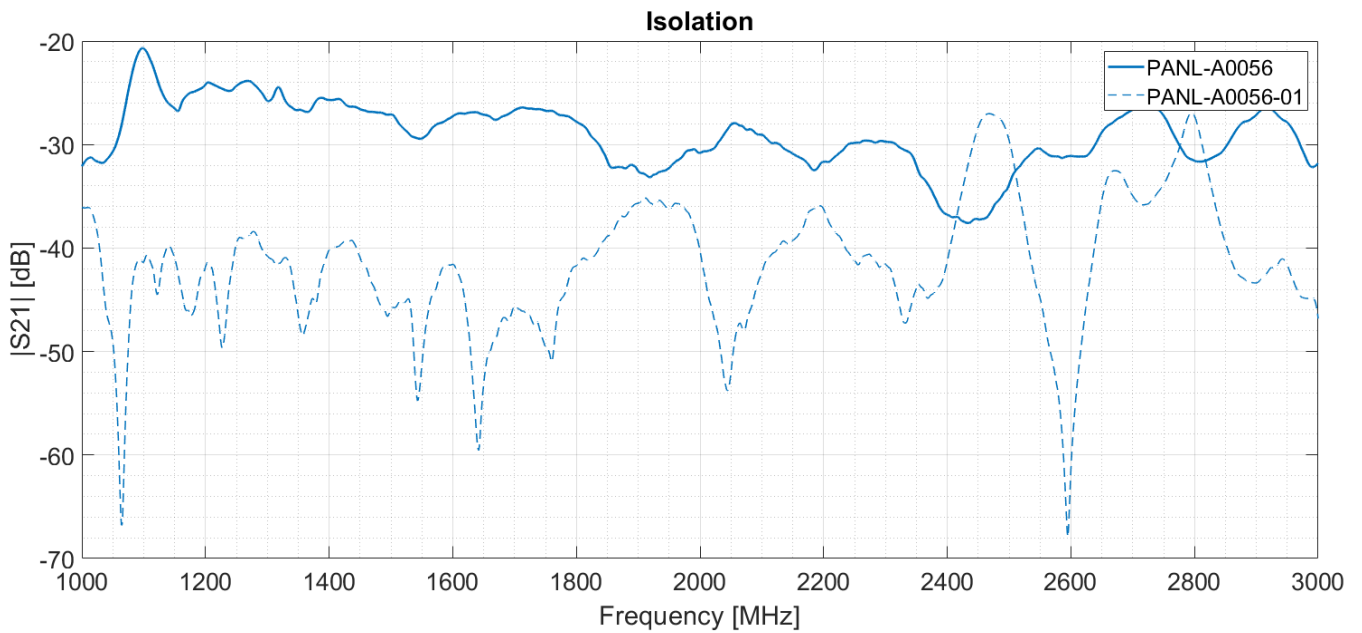
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## BEAMWIDTH:



## ISOLATION:



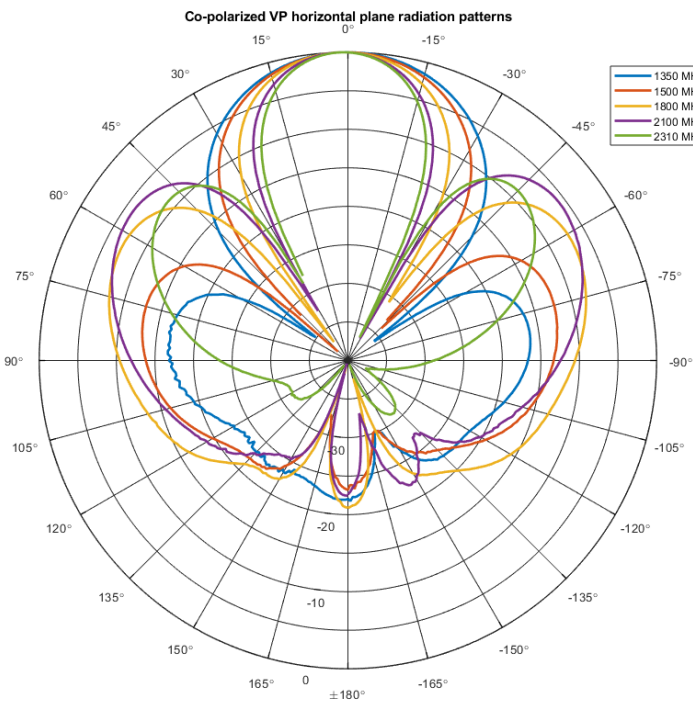
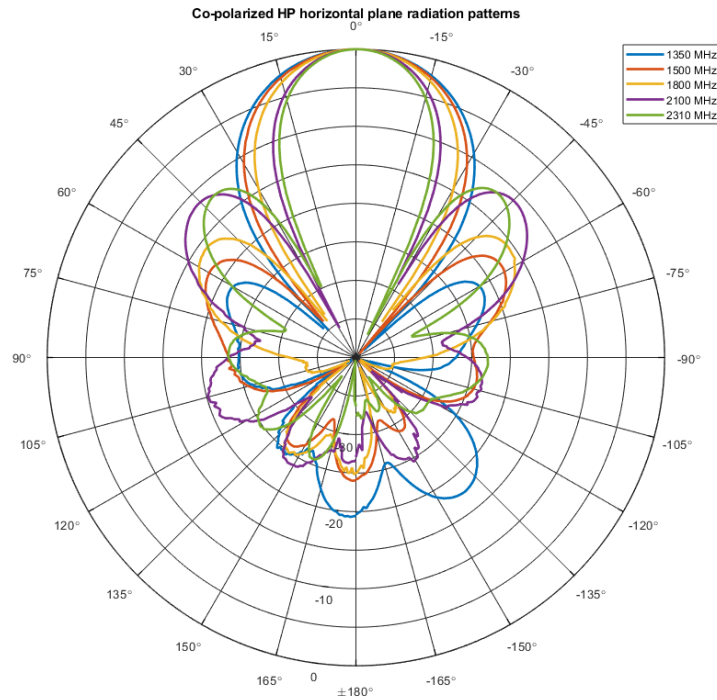
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## RADIATION PATTERNS:





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