



Dual-Polarised Directional Panel Antenna

(Model: A-468)

Description

A-468 is a dual polarised two port directional antenna, designed for 800-2700MHz indoor applications. The typical isolation between the 2 inputs is 30dB, and the gain is between 6 to 8dBi.

A-468 can be used for GSM, CDMA, Wi-Fi, Wimax and LTE systems. This antenna has passed Australian in-building mobile system qualification tests.

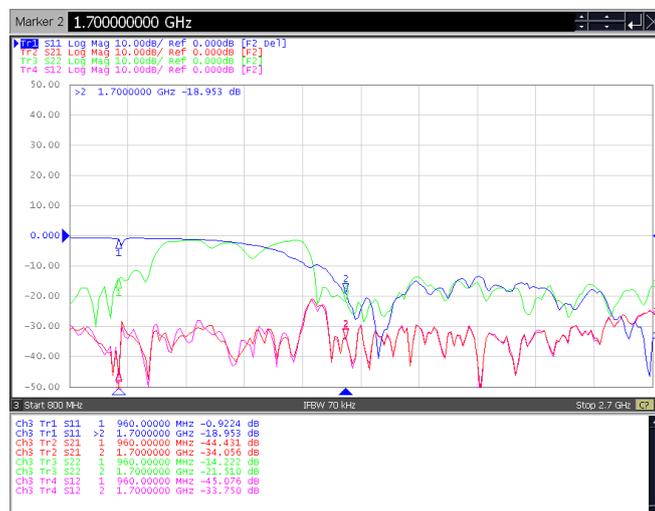


Specifications

Electrical Specifications

	Port A	Port B
Frequency Range	1710 - 2700 MHz	800 - 960 MHz / 1710 - 2700 MHz
Gain	8 dBi	1 - 3 dBi (@ 800-960 MHz) 7 - 8 dBi (@ 1710-2700 MHz)
Return Loss	-15 dB (typical)	-15 dB (typical)
Radiation Pattern	E: 60° H: 70°	E: 65° H: 90° / E: 60° H: 70°
Front-to-Back Ratio	> 10 dB	> 10 dB
Polarisation	Horizontal	Vertical
Input RF Power	50W max.	50W max.
Connectors	N Female	N Female
Isolation	> 25dB (30dB typical) between Port A and Port B	
PIM	< -140 dBc (typical)	
Weight	800g	
Size	290 x 170 x 50 mm	

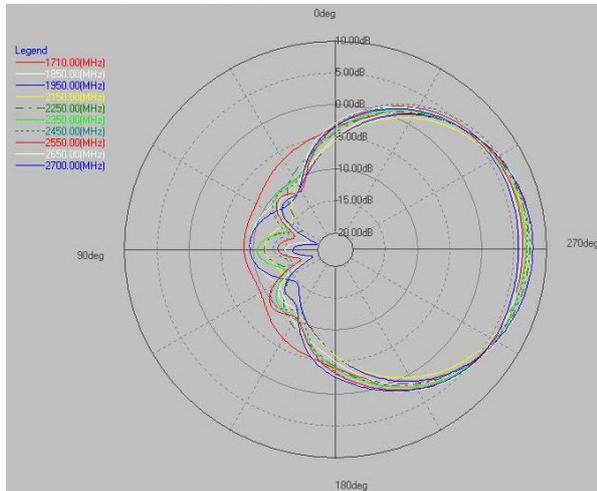
Test Results



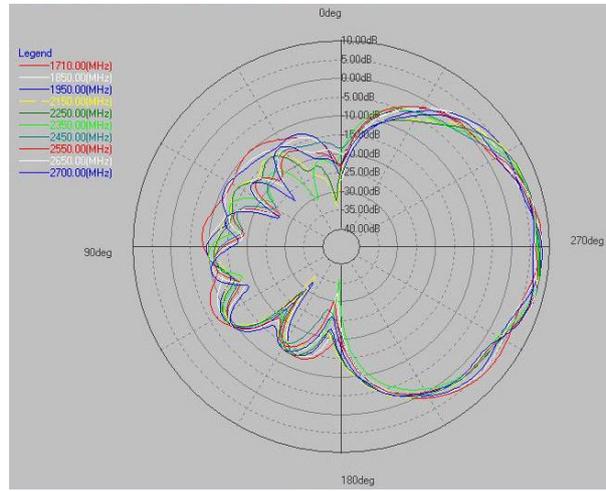


Test Pattern Diagrams

PORT A

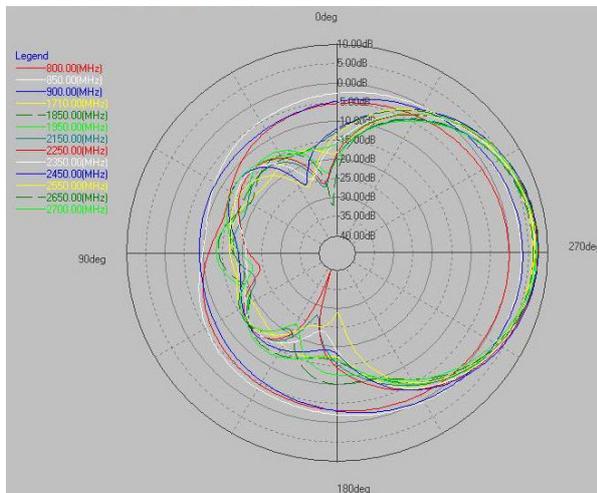


H-Plane

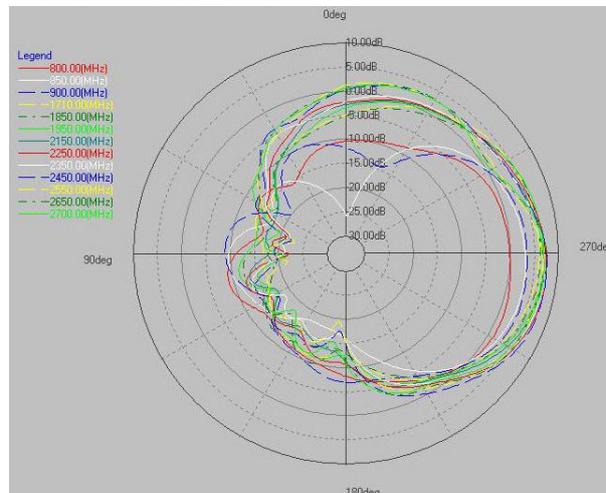


E-Plane

PORT B



H-Plane



E-Plane

* Test Patterns for individual frequencies are available upon request.