

2.4 - 2.5GHz OMNI 15dB, N JACK **ROHS**



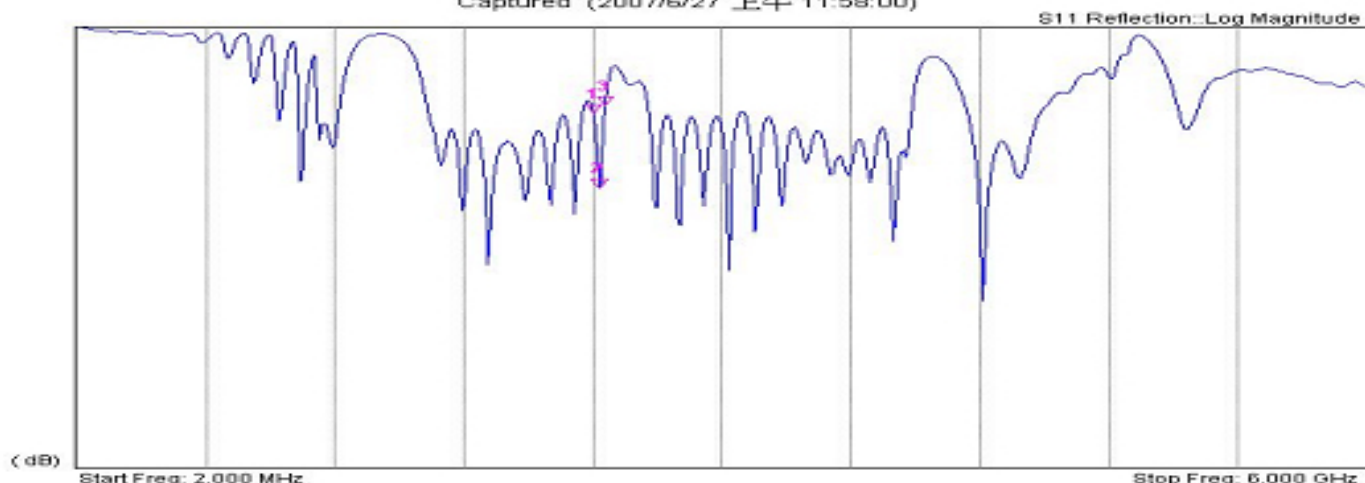
www.allthings.com.au

This antenna is designed for wireless communications

Specification	
Model No.	Ant-W15dB
Frequency range	2400 ~ 2500 MHz
Gain(dBi)	~ 15
VSWR	≤ 1.5
Impedance	50 Ω
Polarization	Linear Vertical
HPBW / horizontal	~ 360°
HPBW / vertical	~ 11°
Front to back ratio	~ 25°
Power handling	~ 50 Watts (cw)
Connector	N FEMALE
Survival wind speed	~ 180 Km/hr
Temperature	-40°c ~ +80°c
Humidity	100%@25°c
Whip colour	Gray / Off-White
Material	Fiberglass
Weight	~ 950 gms
Dimensions	See product Web Page

VNA Measurement Data
 Captured (2007/6/27 上午 11:58:00)

VNA



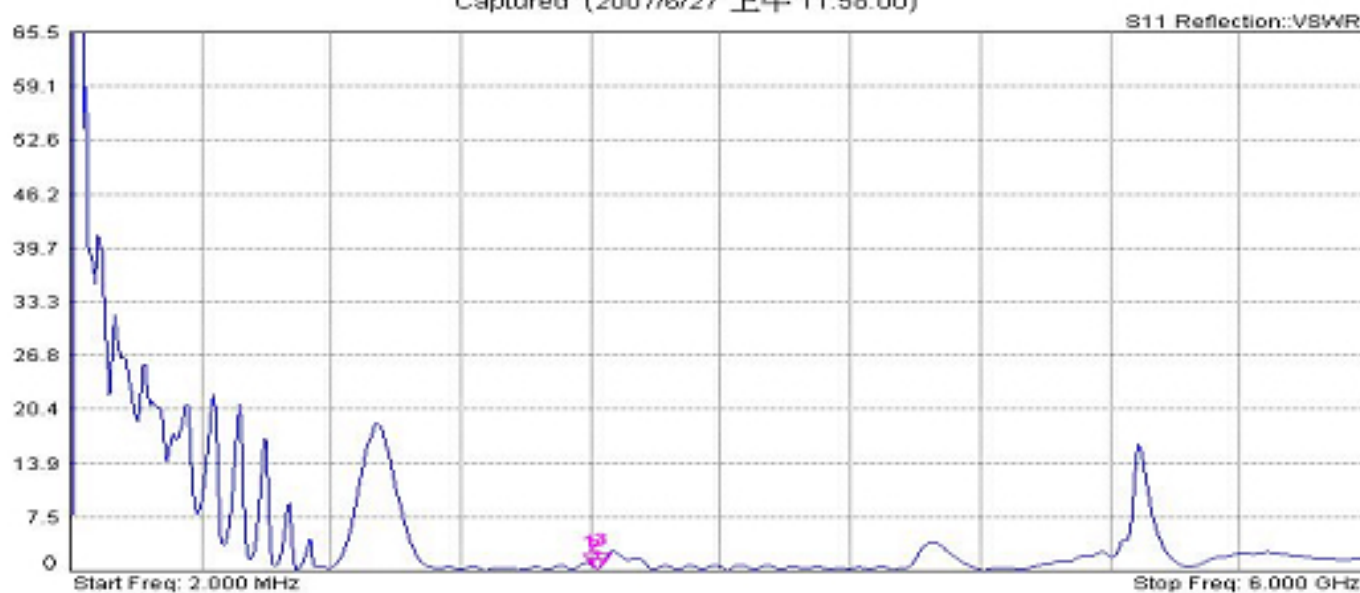
Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	2.4012 GHz	15.73 dB	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	2.4339 GHz	21.93 dB	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	2.4557 GHz	15.66 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters

Calibration Status	On	Serial Number	651009
Data Points	551	Base Ver.	V1.48
Output Power	High	App Ver.	V1.48
Start Frequency	2.000 MHz	Date	2007/6/27 上午 11:58:00
Stop Frequency	6.000 GHz	Device Name	

VNA Measurement Data
 Captured (2007/6/27 上午 11:58:00)

VNA

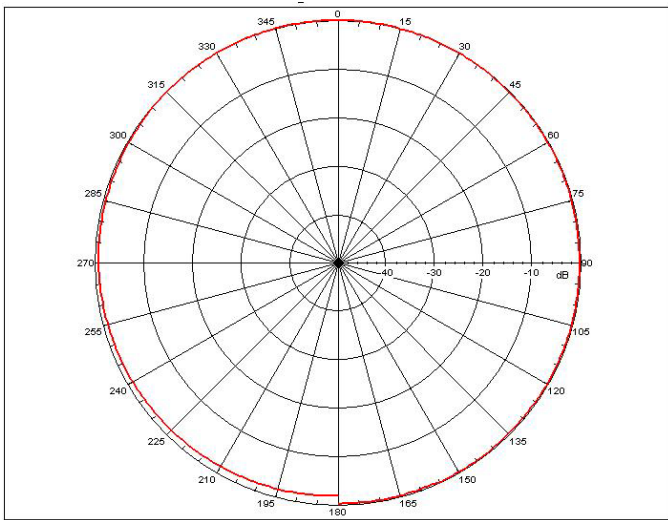


Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	2.4012 GHz	1.40	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	2.4339 GHz	1.17	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	2.4557 GHz	1.43	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

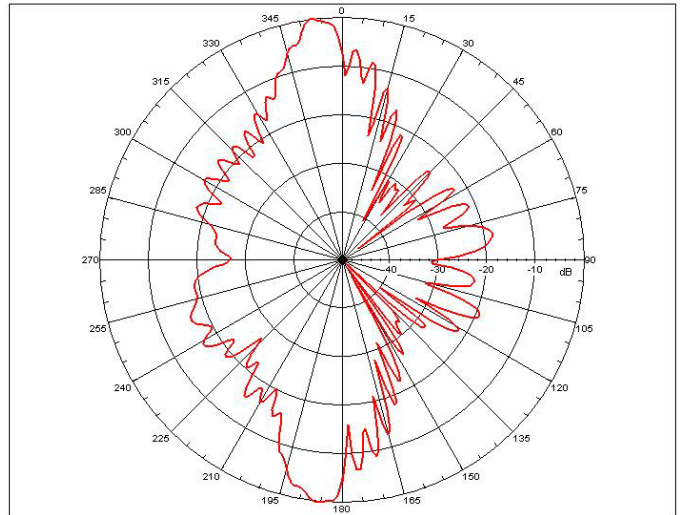
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H-PLANE



E-PLANE



Self-Assembly Process

Step 1



Step 2



Step3



Step4



Step5



Step6



Step7

