



長 宏 科 技 有 限 公 司
Chang Hong Information Co., Ltd.

5.1-5.8G OMNI 15dB FOR N JACK



Specifications/Special Features :

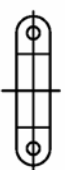
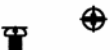
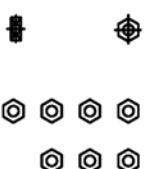
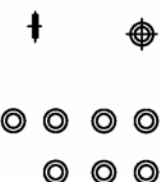
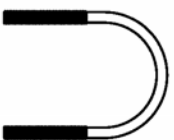
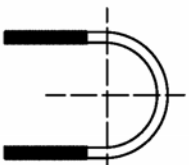
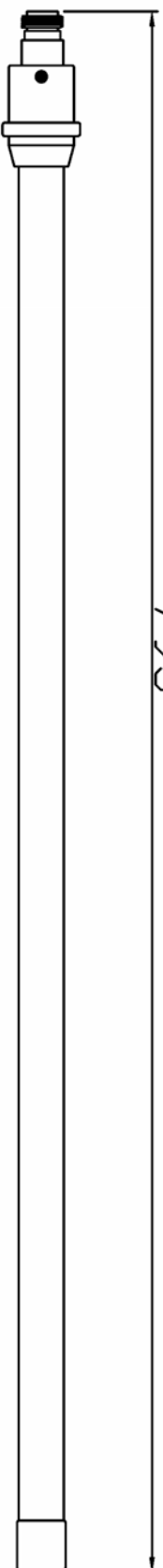
This antenna is designed for wireless communications

Specification	
Model No.	OA-5158-03
Frequency range	5100 ~ 5800MHz
Gain	15dBi
VSWR	<1.7
Impedance	50Ω
Polarization	Linear Vertical
HPBW / horizontal	360°
Power handling	50w(cw)
Connector	N FEMALE
Temperature	-40°c ~ +80°c
Humidity	100%@25°c
Lightning Protection	DC ground (optional)
Radome color	Gray-white
Weight	1.3 Kg
Dimensions	H795xW32xD32mm

5.1-5.8 G OMNI ANTENNA 15 dBI

1/3

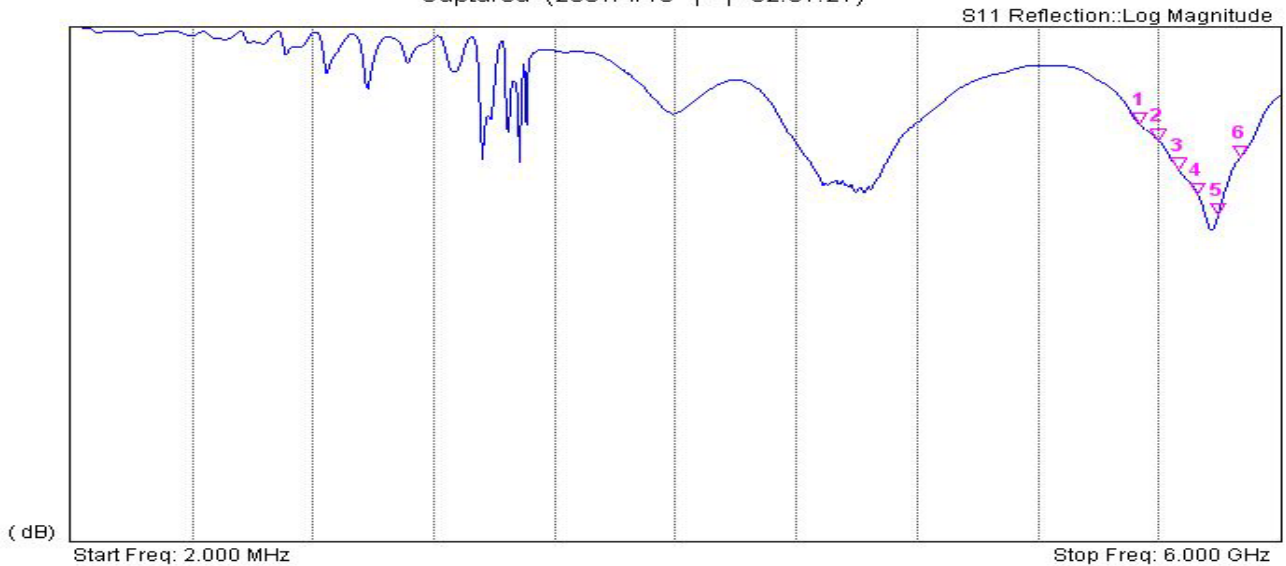
795



1	FREQUENCY RANGE : 5.1-5.8G	8	
2	GAIN : 15 dBI	9	
3	VSWR : < 1.7 : 1	10	
4	IMPEDANCE : 50 Ω	11	
5	POLARIZATION : LINEAR VERTICAL	12	
6	HPBW/HORIZOTAL : 360°	13	
7	HPBW/VERTICAL : 25°		

VNA Measurement Data
 Captured (2007/4/10 下午 02:07:27)

VNA



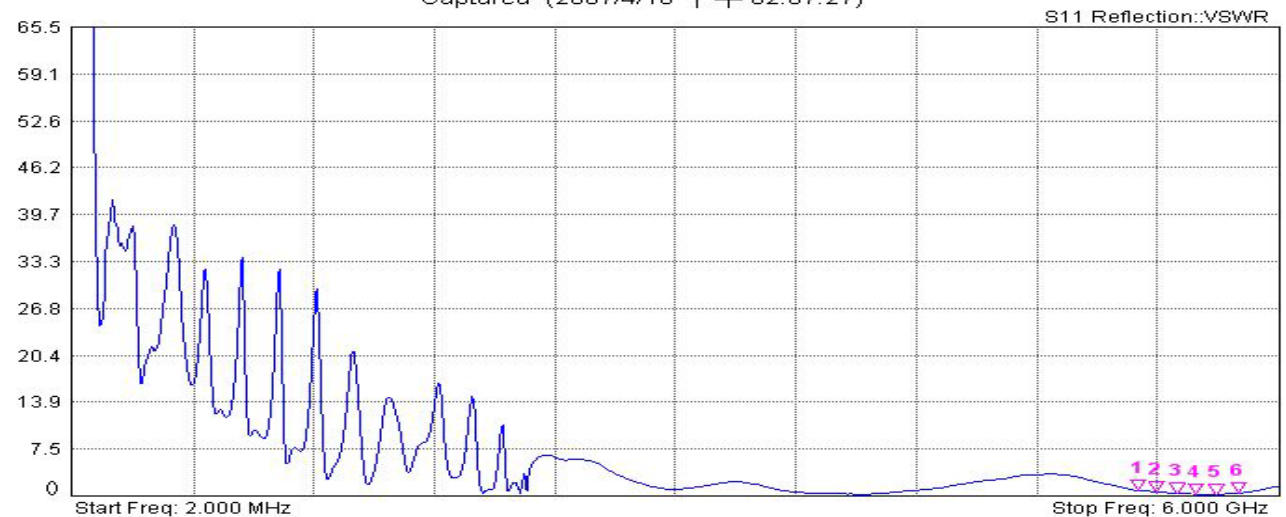
Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	5.3021 GHz	11.33 dB	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	5.4002 GHz	13.25 dB	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	5.4983 GHz	16.67 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	5.5965 GHz	19.57 dB	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	5.6946 GHz	21.88 dB	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	5.8037 GHz	15.23 dB	--	--

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	2007/4/10 下午 02:07:27
Stop Frequency	6.000 GHz	Device Name	

VNA Measurement Data
 Captured (2007/4/10 下午 02:07:27)

VNA

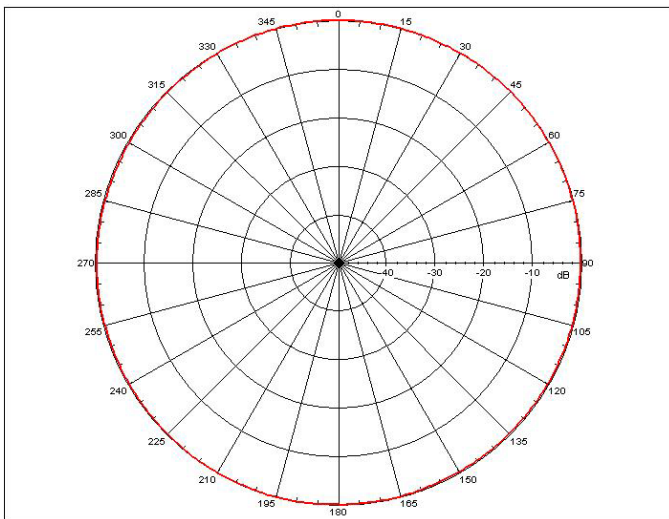


Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	5.3021 GHz	1.74	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	5.4002 GHz	1.56	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	5.4983 GHz	1.34	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	5.5965 GHz	1.23	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	5.6946 GHz	1.18	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	5.8037 GHz	1.42	--	--

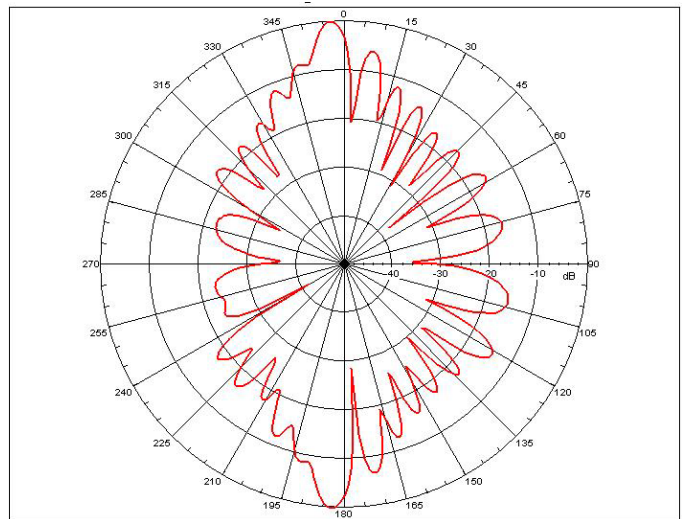
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Start Frequency	2.000 MHz	Date	2007/4/10 下午 02:07:27
Stop Frequency	6.000 GHz	Device Name	

H-PLANE



E-PLANE



Self-Assembly Process

Step 1



Step 2



Step3



Step4



Step5



Step6



Step7

