

Test Report

Product: 403-440MHz Yagi Antenna

Model: DB410-12-7W

Item No.: 110485

Frequency: 403-440MHz

Gain: 12dBi

Date: 2014 -6-1

Version: 2.1

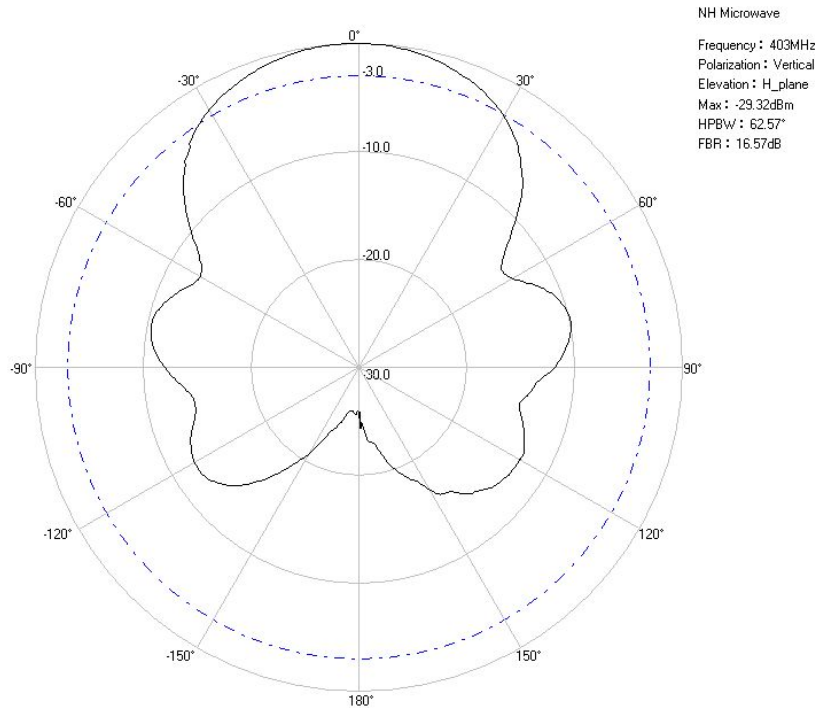
Nanhai Microwave Communications Equipment Co., Ltd
Testing Center

Test Report

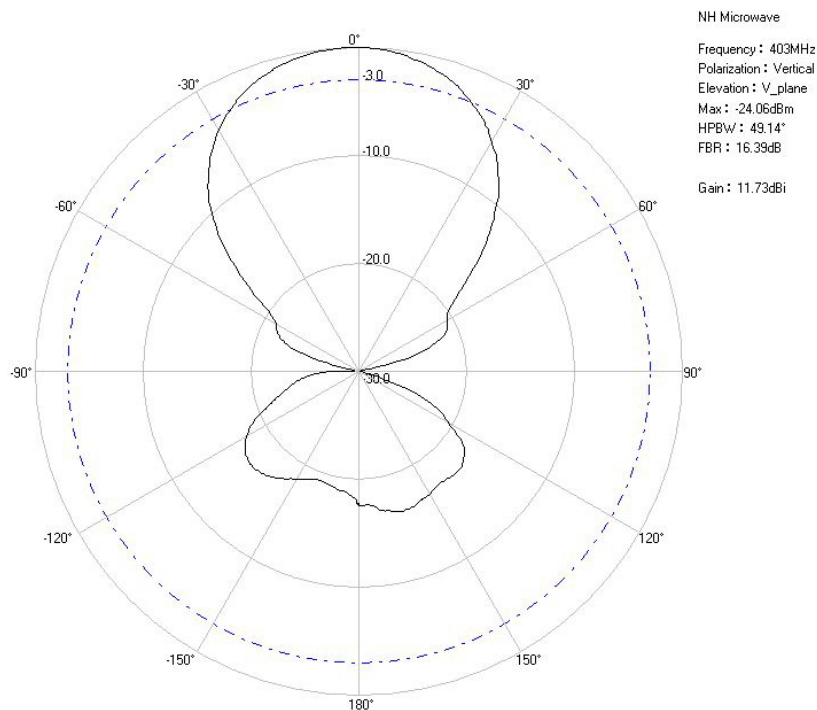
Product:	698-2700MHz Yagi Antenna		
Model:	DR627-11-11C	Item No. :	110401
Test Equipment			
Equipment	Model	Specification	
Outfield Test Turntable	SLD500-3	100KHz-6GHz	
Standard Horn Antenna	HD-9HA15-5N	0.75GHz-2.7GHz	
Network Analyzer	HP8753ES	30KHz-6GHz	
Frequency Range:		698-2700MHz	
Parameter	Specification	Measured Results	Remarks
Gain	12dBi $\pm$ 1	403MHz 421MHz 440MHz	11.73 dBi 11.63 dBi 11.54 dBi Passed
VSWR	$\leq$ 1.5	403-440MHz	$\leq$ 1.5 Passed
Horizontal Beamwidth	55° $\pm$ 5°	403MHz 421MHz 440MHz	H:62.57° H:59.11° H:55.79° Passed
F/B Ratio	$\geq$ 18dB $\pm$ 0.5	403MHz 421MHz 440MHz	16.57 dB 23.41 dB 20.1 dB Passed
Test Result:		Passed	
Inspected By:		Date:	
Verified By		Date:	

Patterns

Frequency: H:403MHz

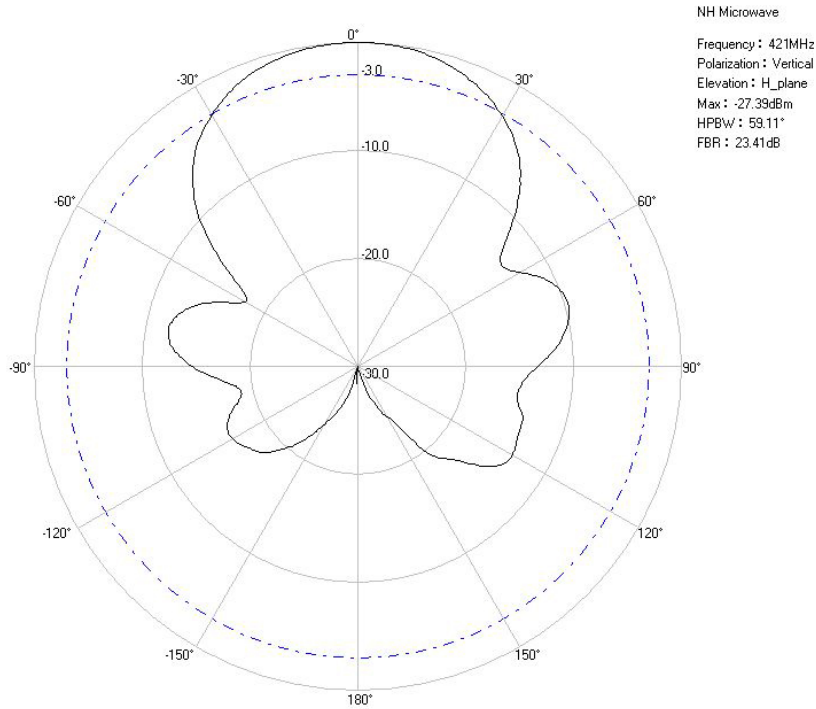


Frequency: V:403MHz

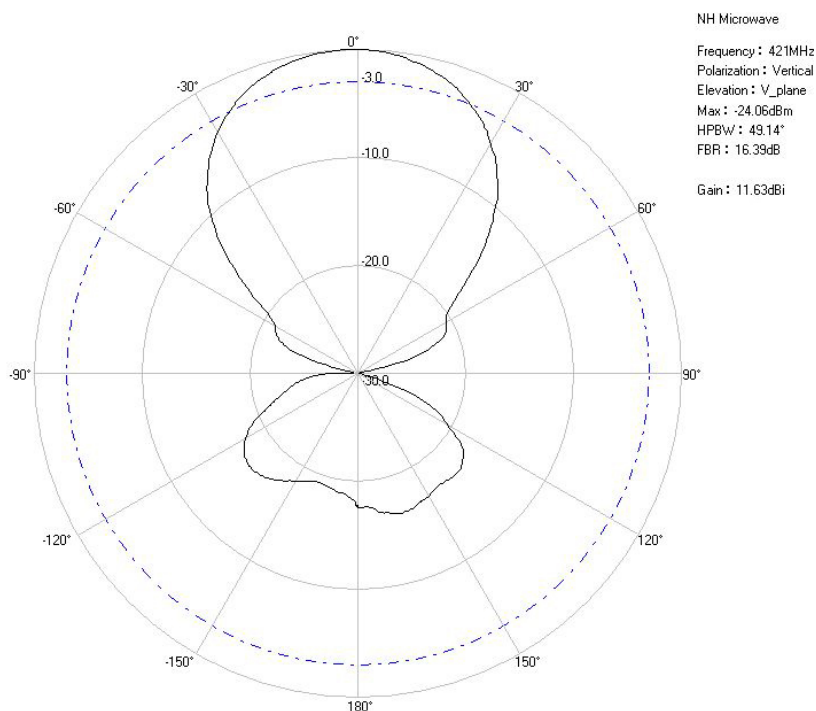


Patterns

Frequency: H:421MHz

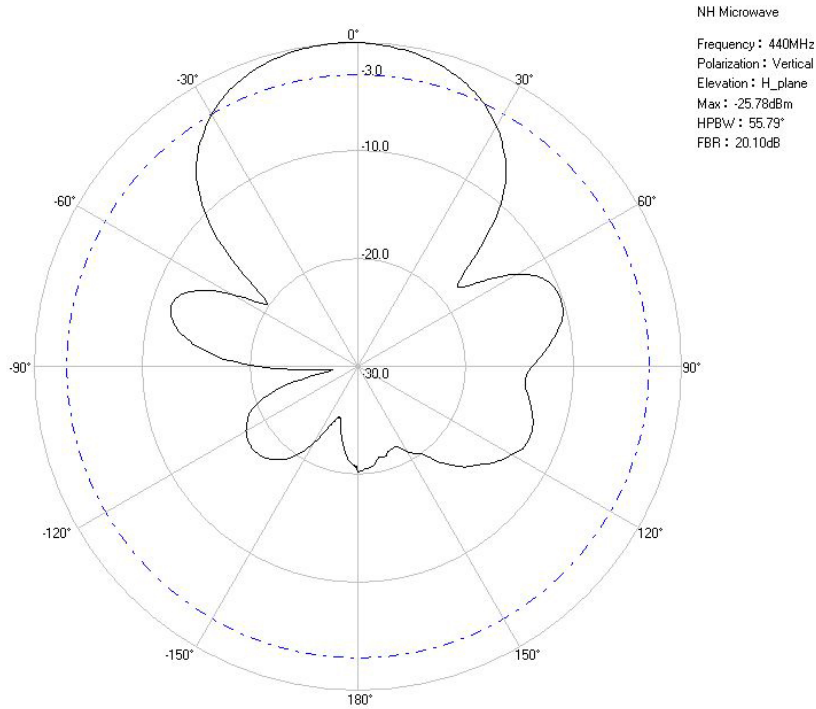


Frequency: V:421MHz

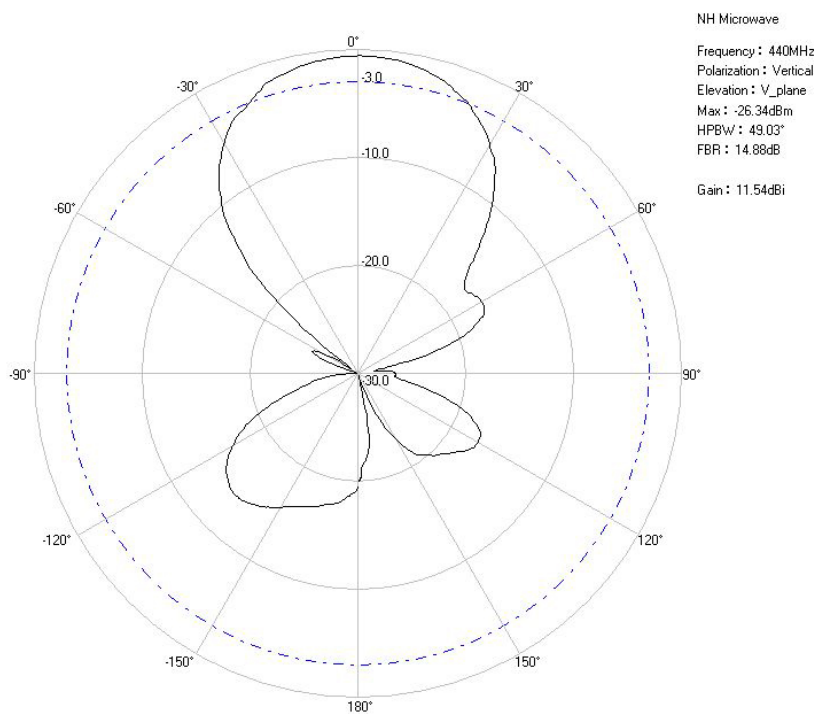


Patterns

Frequency: H:440MHz



Frequency: V:440MHz



VSWR

Frequency: 403-440MHz

