

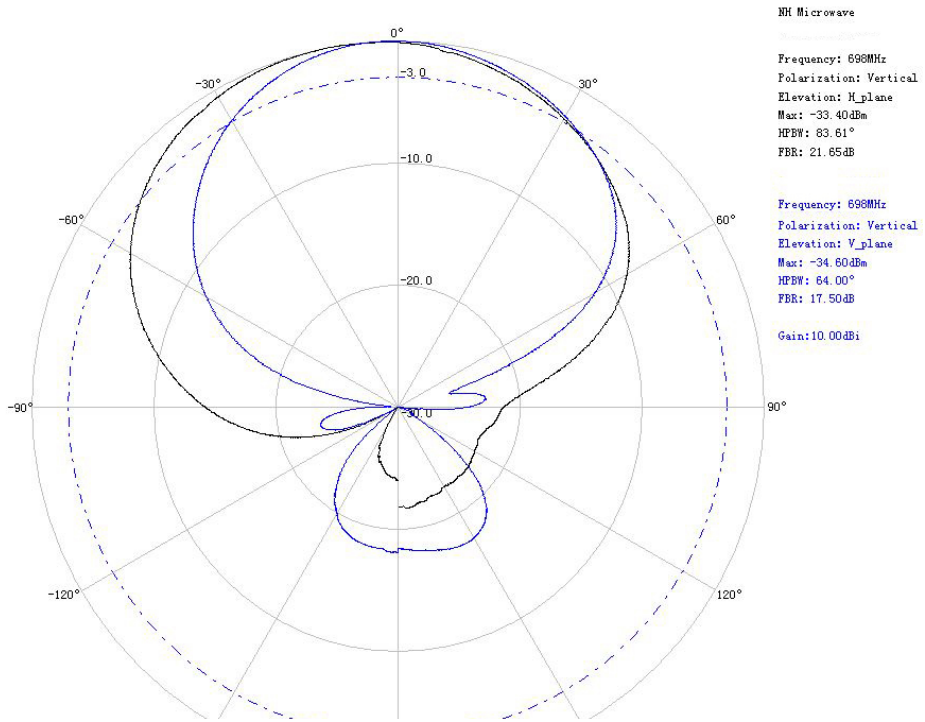
Test Report



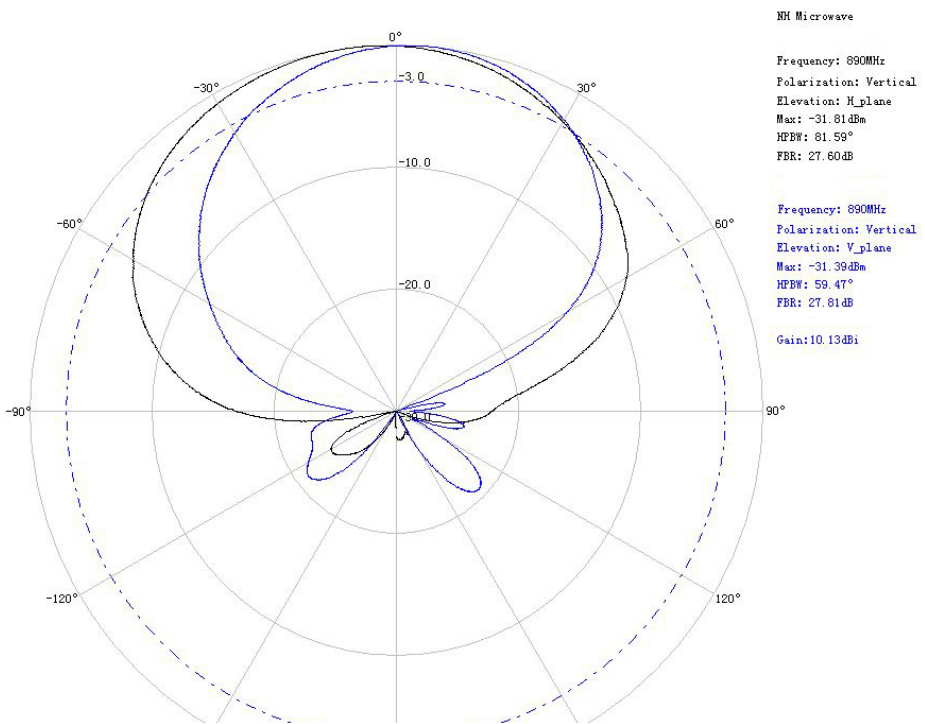
698-2700MHz Antenna
Model DRA4

Product:	698-2700MHz Yagi Antenna with Radome		
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	11dBi \pm 1	890MHz 1990MHz 2700MHz	10.13 dBi 11.84 dBi 10.75 dBi Passed
VSWR	\leq 1.7	698-2700MHz	\leq 1.7 Passed
Horizontal Beamwidth	50° \pm 5°	890MHz 1990MHz 2700MHz	81° 55° 40° Passed
F/B Ratio	\geq 18dB \pm 0.5	890MHz 1990MHz 2700MHz	27 dB 18.5 dB 19.44 dB Passed
Test Result:		Passed	
Inspected By:		Date:	
Verified By		Date:	

Frequency: 698MHz

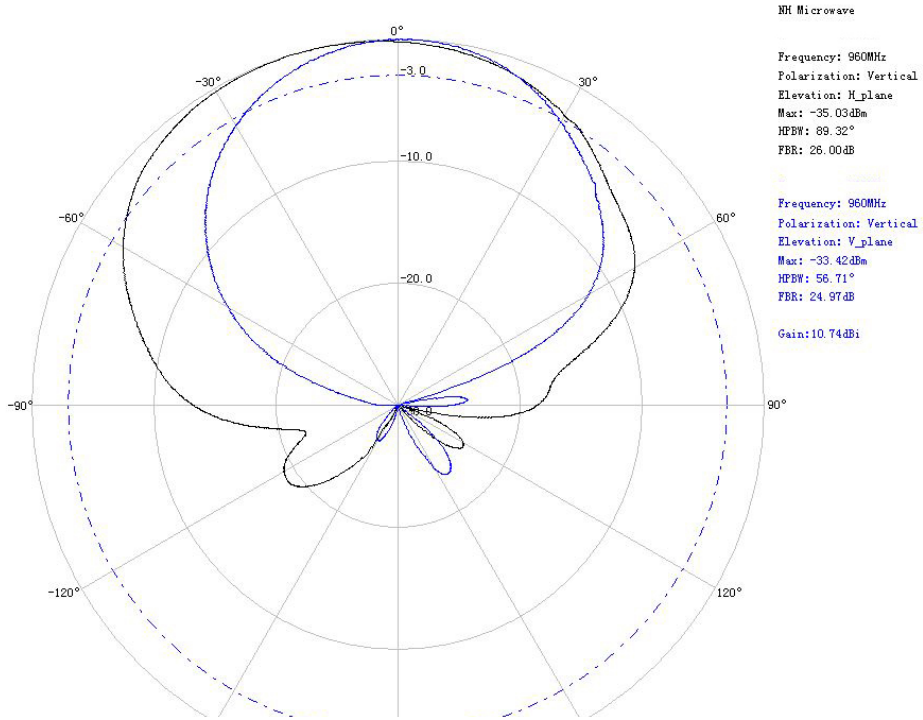


Frequency: 890MHz

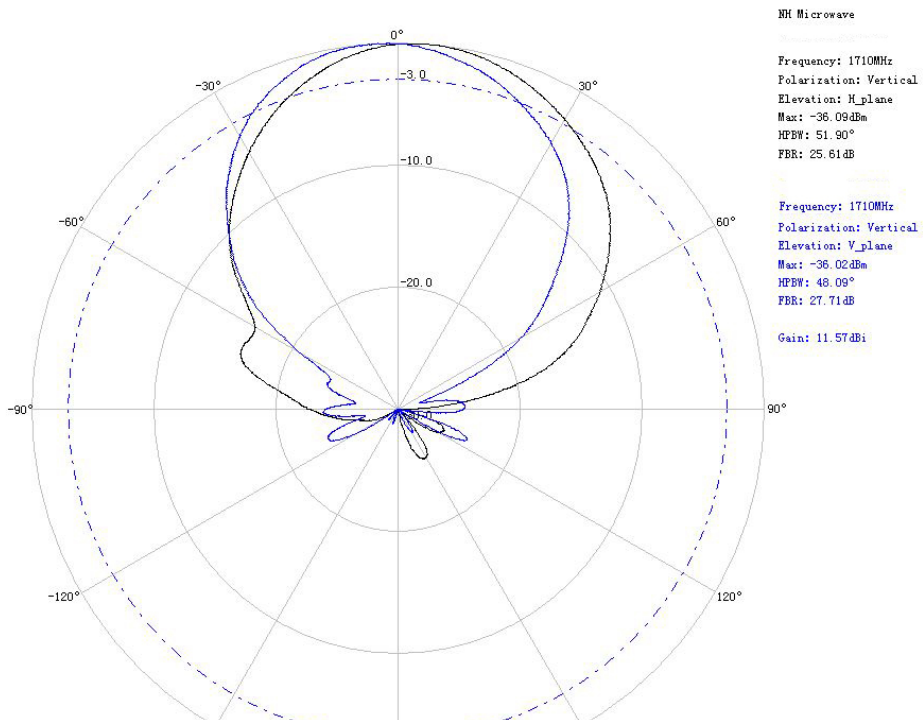


Patterns

Frequency: 960MHz

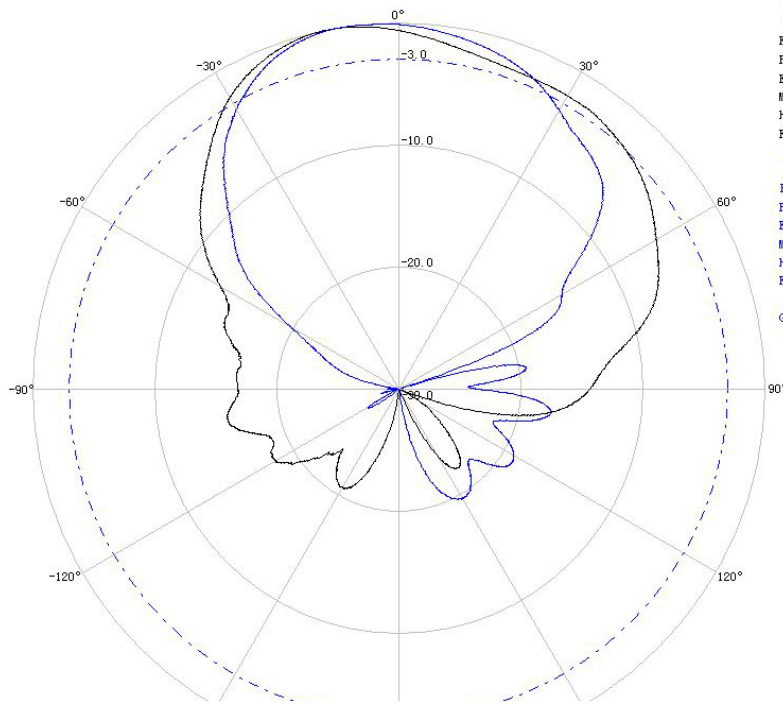


Frequency: 1710MHz



Patterns

Frequency: 1990MHz

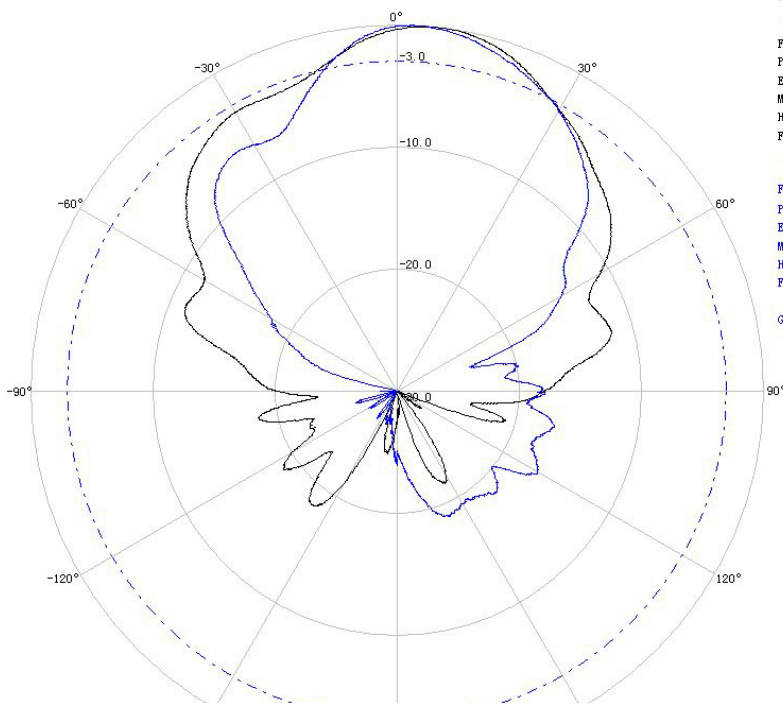


NH Microwave
Frequency: 1990MHz
Polarization: Vertical
Elevation: H_plane
Max: -37.64dBm
HPBW: 76.10°
FBR: 21.84dB

Frequency: 1990MHz
Polarization: Vertical
Elevation: V_plane
Max: -37.72dBm
HPBW: 55.77°
FBR: 19.59dB

Gain: 11.84dBi

Frequency: 2700MHz



NH Microwave
Frequency: 2700MHz
Polarization: Vertical
Elevation: H_plane
Max: -45.00dBm
HPBW: 42.17°
FBR: 18.41dB

Frequency: 2700MHz
Polarization: Vertical
Elevation: V_plane
Max: -46.82dBm
HPBW: 40.43°
FBR: 18.82dB

Gain: 10.75dBi

VSWR

Frequency: 698-2700MHz

