

Test Report



698-2700MHz Antenna
Model QA45

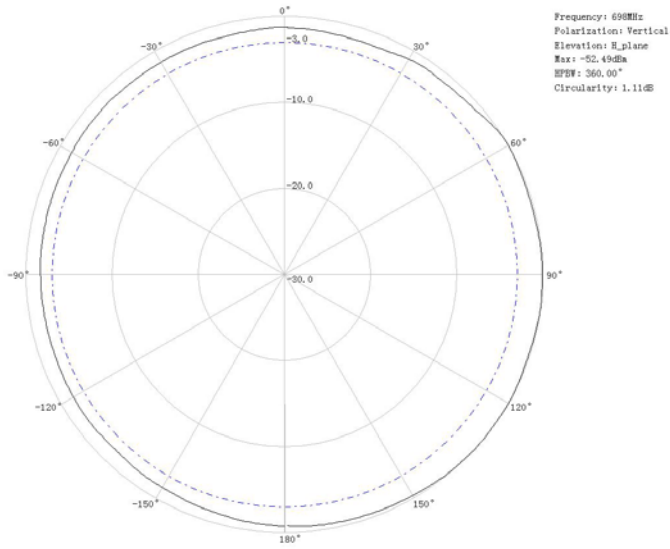
Test Report

Product:	698-2700MHZ Ceiling Mount Antenna			
Test Equipment				
Equipment	Model	Specification		
Outfield Test Turntable	SLD500-3	100KHz-6GHz		
Standard Horn Antenna	HD-22HA15.5N	0.7GHz-2.7GHz		
Network Analyzer	HP8753ES	30KHz-6GHz		
Frequency Range:		698-2700MHz		
Parameter	Specification	Measured Results		Remarks
Gain	$3\text{dBi} \pm 0.5$	698MHz 1710MHz 2700MHz	2.96 dBi 3.45 dBi 2.87 dBi	Passed
VSWR	≤ 1.5	698-2700MHz	≤ 1.5	Passed
Horizontal Beamwidth	360°	698MHz 1710MHz 2700MHz	360° 360° 360°	Passed
Circularity	$\leq 3 \pm 0.5$	698MHz 1710MHz 2700MHz	2.43 dB 3.10 dB 2.72 dB	Passed
Test Result:		Passed		
Inspected By:			Date:	
Verified By			Date:	

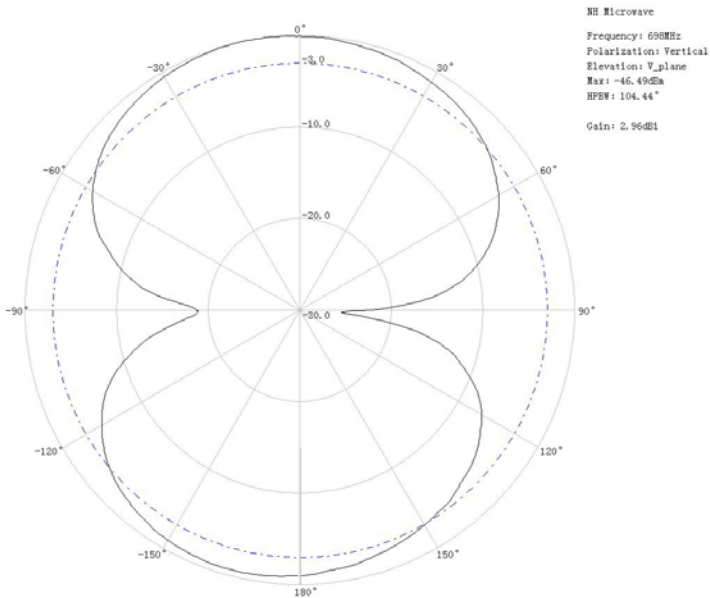
Patterns

Frequency: 698MHz

H698



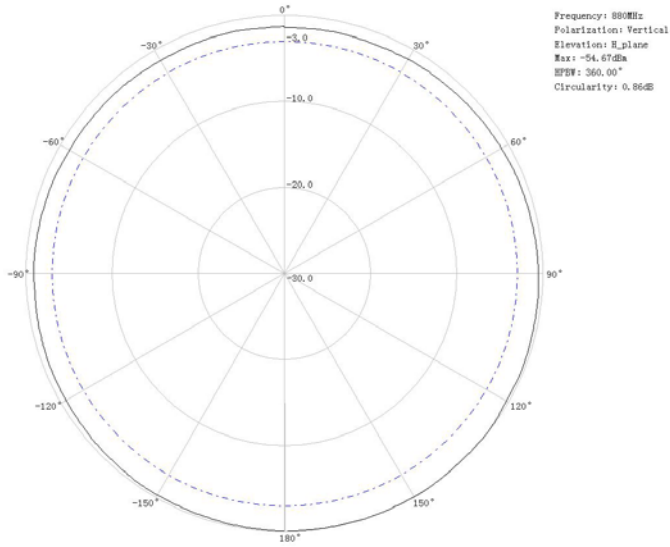
V698



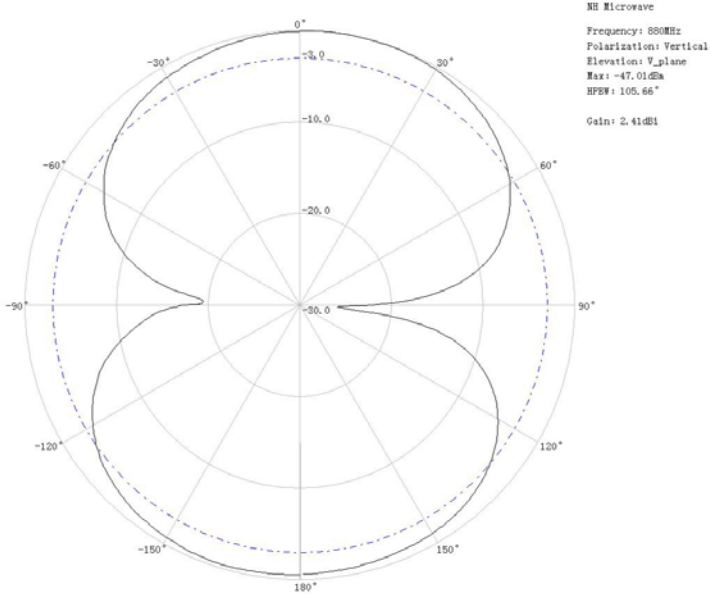
Patterns

Frequency: 880

H880



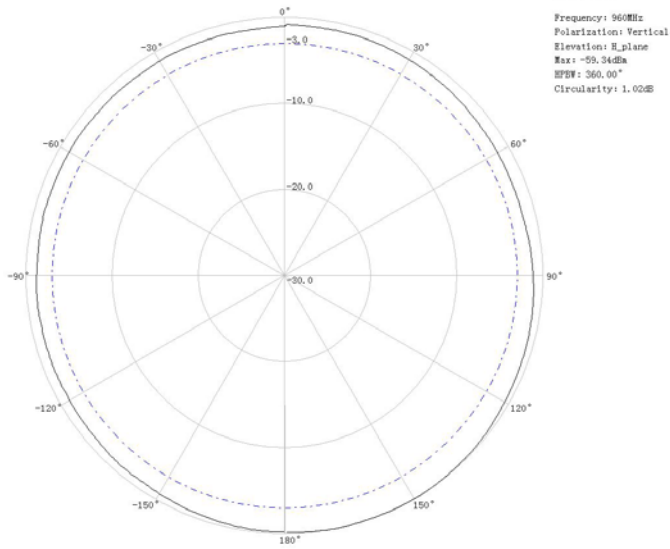
V880



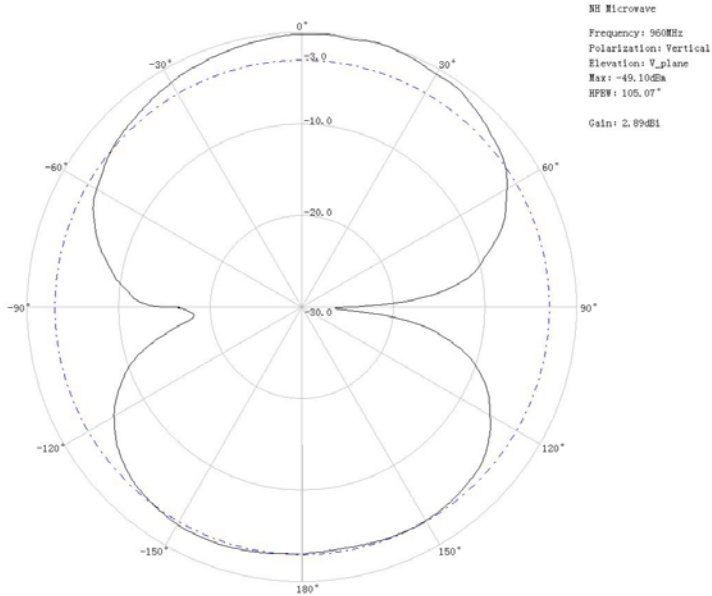
Patterns

Frequency: 960

H960



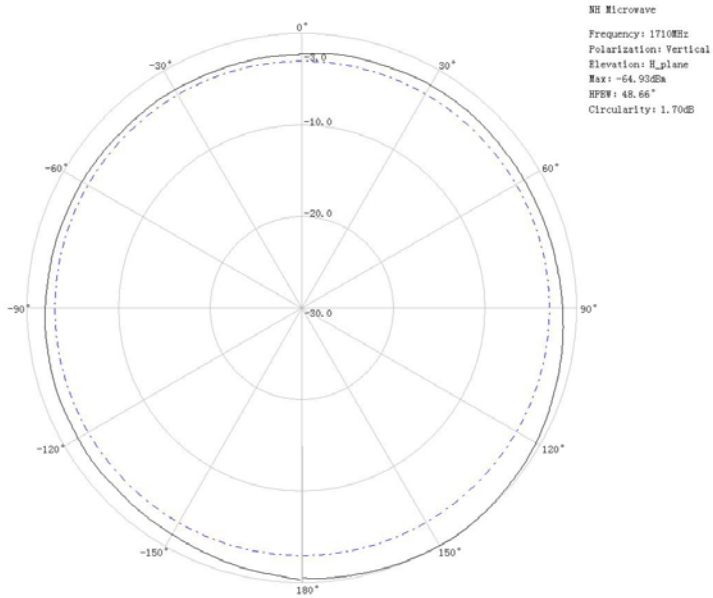
V960



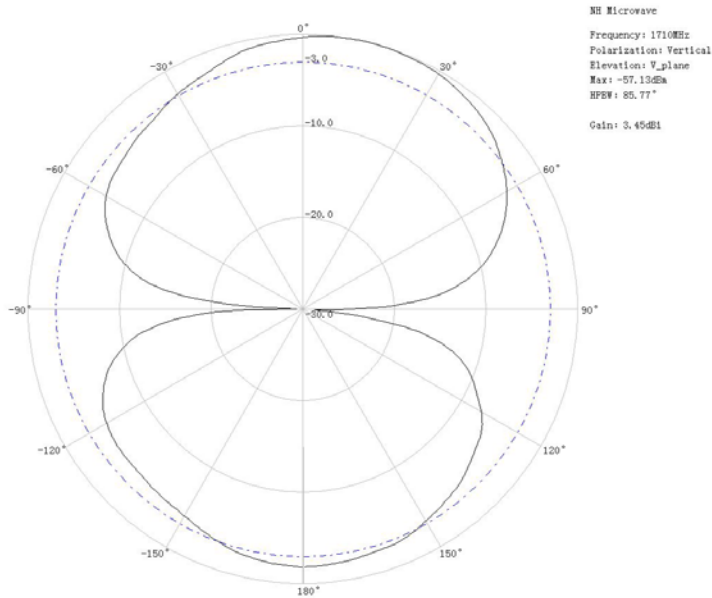
Patterns

Frequency: 1710MHz

H1710



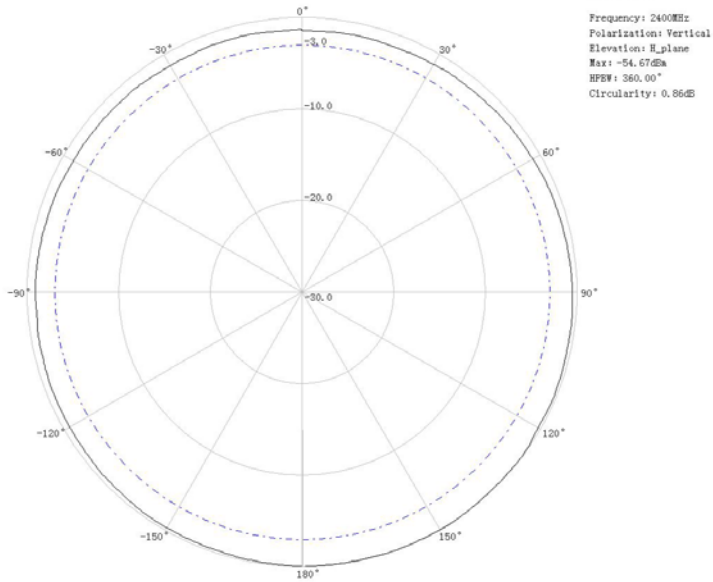
V1710



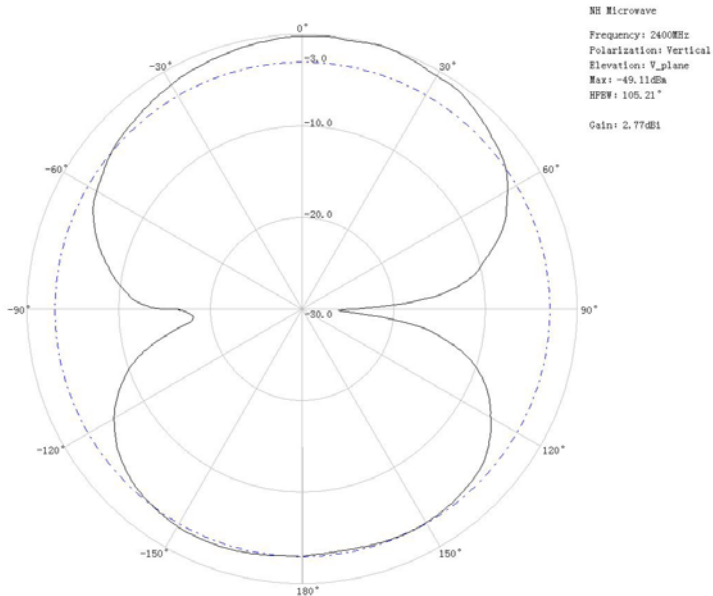
Patterns

Frequency: 2400MHz

H2400



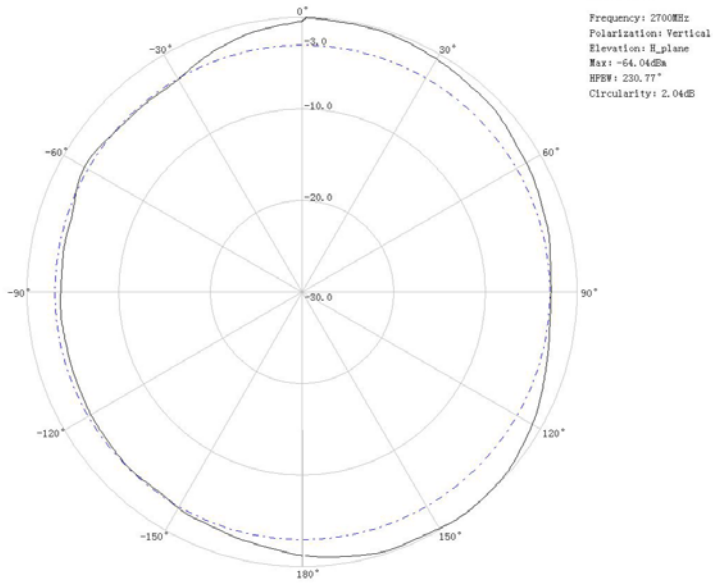
V2400



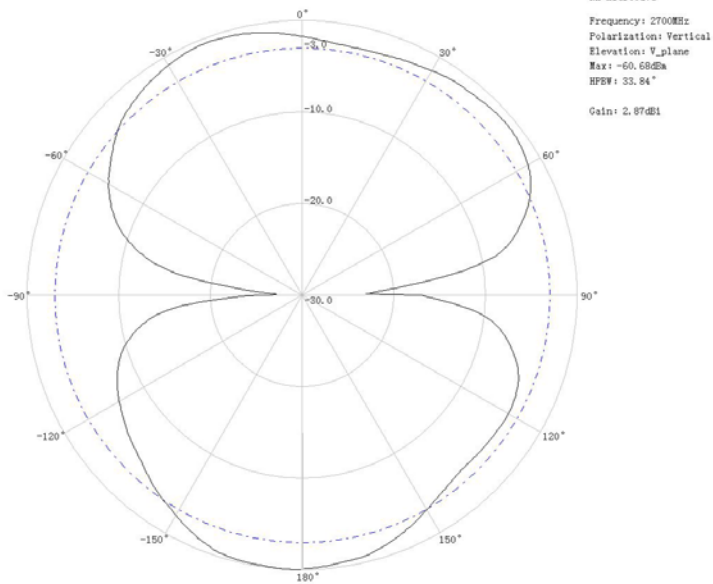
Patterns

Frequency: 2700MHz

H2700



V2700



VSWR

