



**Tone Spread**  
Solutions for Wireless Signal

# Tone Spread Technology Co., Ltd.

698-4000MHz Low PIM Indoor MIMO Omni Antenna

Model: MOCE-698-4000S-3B-NV3 (N female)

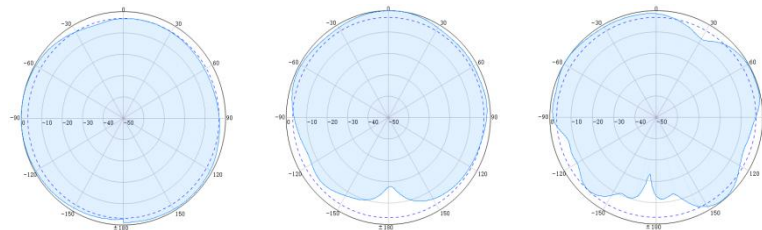
MOCE-698-4000S-3B-MV3 (4.3-10 female)



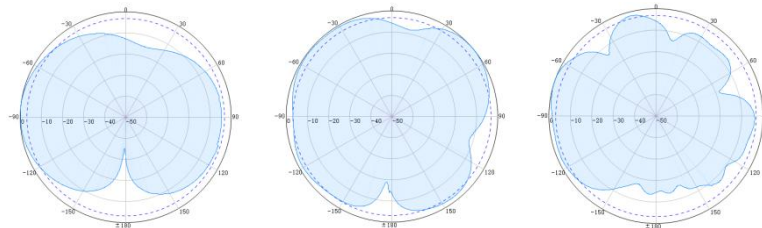
<b>Electrical Specifications</b>				
Frequency Range, MHz	698-806	806-960	1710-2700	3300-4000
Gain, dBi	2.5	3.5	4.5	5.0
VSWR	≤2.0	≤1.8	≤1.8	≤1.8
Polarization	Linear H / V for each Radiator			
Isolation	>19		>23	
PIM, 3rd Order, 2x20W	≤-153 dBc			
Horizontal Beam width	360°			
Vertical Beam width	95°	90	46°	38°
Input Impedance	50 Ω			
Max. Input Power	50 W			
Lightning Protection	DC Ground			
<b>Mechanical Specifications</b>				
Connector	2 x N Female		2 x 4.3-10 Female	
Dimensions	∅ 215x47 mm			
Weight	0.45 kg			
Radome Material	ABS (UV Stabilized)			
Operating Temperature	-40°C to +65			
Mounting	Ceiling Mount			

## Radiation Patterns

Horizontal



Vertical



750MHz

2170MHz

3800MHz

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