



Tone Spread
Solutions for Wireless Signal

Tone Spread Technology Co., Ltd.

698-4000MHz Low PIM MIMO Card Omni Antenna

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

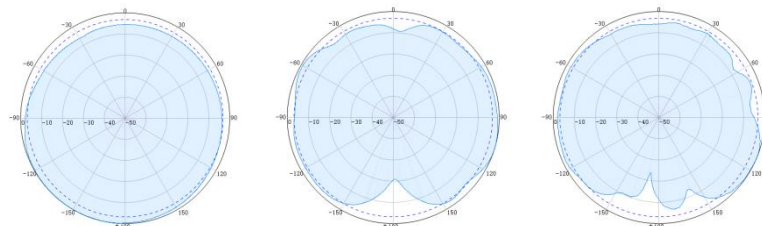
MOCE-698-4000S-A-MV3 (4.3-10 female)



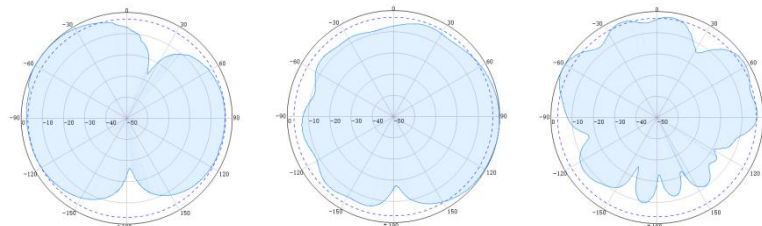
Electrical Specifications				
Frequency Range, MHz	698-960	1710-2170	2300-2700	3300-4000
Gain, dBi	3.0	4.0	6.0	5.5
VSWR	≤2.0	≤2.0	≤1.8	≤1.8
Polarization	Horizontal			
Isolation	20 dB	23 dB	23 dB	23 dB
PIM, 3rd Order, 2x20W	≤-153 dBc			
Horizontal Beamwidth	360°			
Vertical Beamwidth	113°	78°	65°	102°
Input Impedance	50 Ω			
Max.Power	50 W			
Lightning Protection	DC Ground			
Mechanical Specifications				
Connector	2 x N-Female		2 x 4.3-10 Female	
Dimensions	250x150x12.0 mm			
Weight	0.40 kg			
Color	White			
Reflector Material	PCB			
Radome Material	ABS (UV Stabilized)			
Operating Temperature	-40°C to +65 °C			

Radiation Patterns

Horizontal



Vertical



750MHz

2170MHz

3800MHz

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