



Stadium Antenna

698-3800MHz, 30x30, 14dBi, 2x2MIMO (4-port)

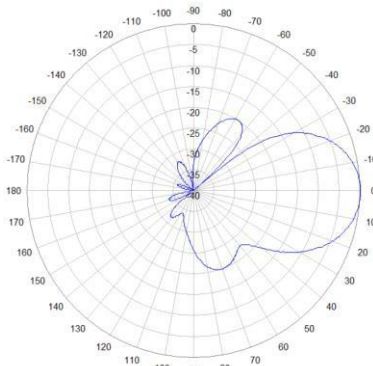
- Excellent PIM, -153dBc guaranteed
- Wideband frequency range: 698-3800MHz
- 2x2 MIMO application
- Low sidelobe and Consistent Patterns
- Applicable for both indoor and outdoor
- Connector options:4.3-10(f), 7/16 DIN(f), N(f)



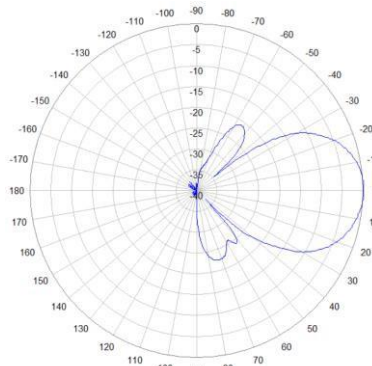
Electrical					
Frequency Band, MHz	698-800	800-960	1695-2180	2180-2690	3300-3800
Horizontal Beamwidth, degrees	36	33	36	29	29
Vertical Beamwidth, degrees	37	32	36	30	29
Gain, dBi	13	13.5	13	14	14
Sidelobe, dB	18(typical) / 16(worst case)				
Isolation, dB	27				
F/B Ratio, dB	27		30		
Maxim Input Power, watts	150				100
Polarization	±45°				
VSWR	1.5(typical) / 1.6(worst case)				
3rd Order IMD @ 2 × 43dBm	-153dBc				N/A
Impedance	50 ohm				
Mechanical Specifications					
Number of Ports, all types	4 ports: 2 for 698-2700MHz and 2 for 3300-4000MHz				
Package Quantity	1				
Radome Color	Grey				
Radome Material	Fiberglass, UV resistant				
Dimensions	820mm × 820mm × 120mm				
Net Weight	~15.5Kg				
Operating Temperature	-40 ° C to +60 ° C				
Application	Indoor / Outdoor				
Relative Humidity	Up to 100%				
RoHS	Compliant				



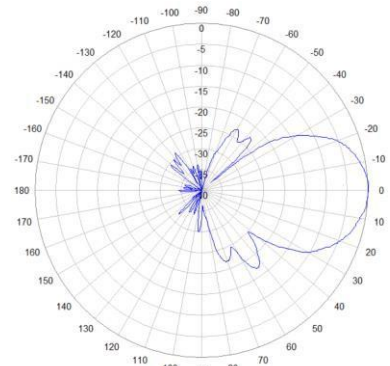
Patterns



698-960MHz

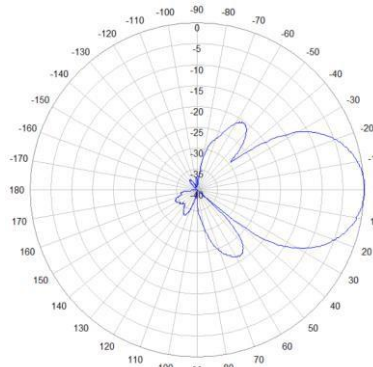


1695-2700MHz

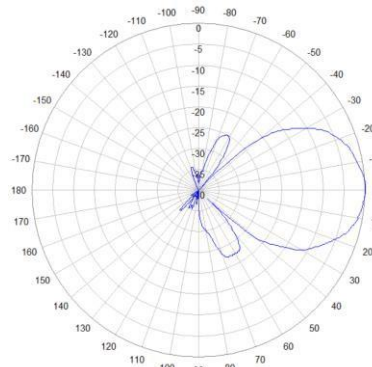


3300-3800MHz

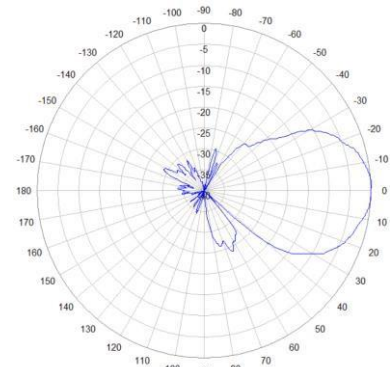
Horizontal



698-960MHz



1695-2700MHz



3300-3800MHz

Vertical