

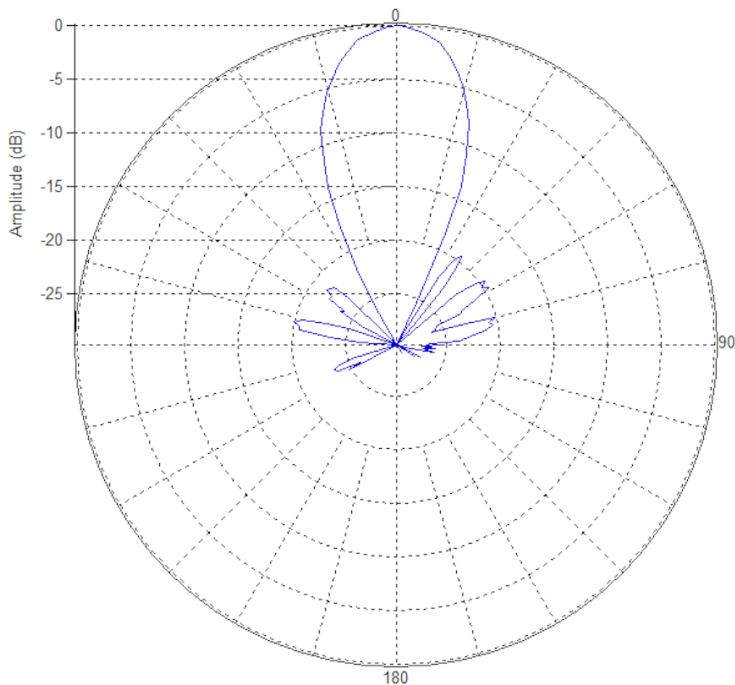
MS-SB23-C

Lens Technology Enabled™ Base-Station Antenna perfect for stadium applications , utilizes a patented spherical lens design with 1 C - Band Frequency (3700-4200 MHz) cross-polarized beam . Beam has 2 cross - polarized ports for supporting 2X2 MIMO and low side- lobe levels.

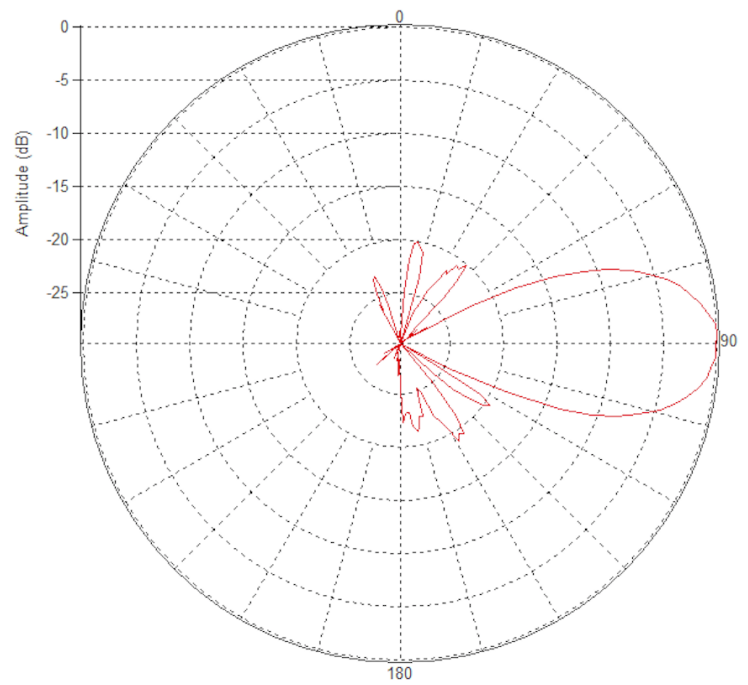


PATTERN RESULTS:

Horizontal Pattern (3.9GHz)



Vertical Pattern (3.9GHz)



TECHNICAL SPECIFICATIONS

Frequency	3700 – 4200 MHz
Gain	17dBi
VSWR	<1.5:1
Polarization	Dual Slant $\pm 45^\circ$
Horizontal Coverage	40°
Horizontal Beamwidth (3dB)	23°
Vertical Beamwidth (3dB)	23°
Total Number of Beams	1
Number of Ports per Beam	2
First Sidelobe level	<18dB
Front to Back Ratio	>28dB
Isolation Port to Port	>28dB
Power Rating	150W per port
Intermodulation	<-153dBc
Impedance	50 ohm
Connector Quantity and Type	2 x 4.3-10 female

MECHANICAL DATA

Dimensions (H x W x D)	16 x 16 x 35 cm 6.2 x 6.2 x 13.7 inch
Antenna Weight	1.5 kg 3.3 lbs
Radome Material	Polycarbonate
Mounting	TBD

ENVIRONMENTAL RATINGS

Humidity	95% RH @ +30°C
Temperature	-40°C to +70°C

CONNECTOR LAYOUT:

