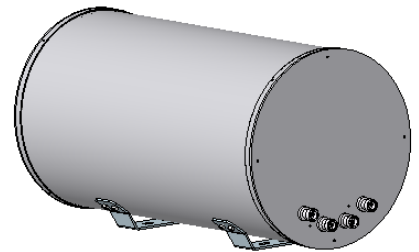
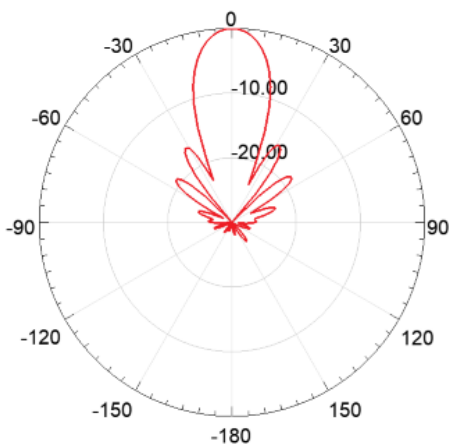
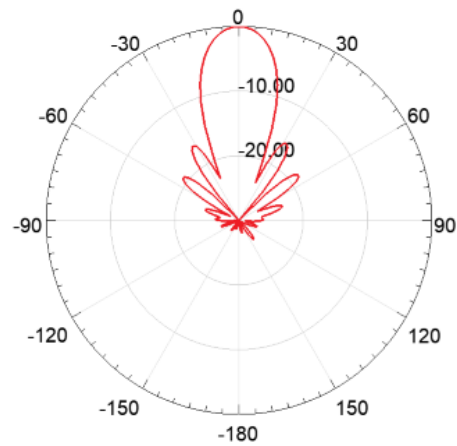


4 Ports Single Beam Lens Antenna—EHS3AZA141**4 x 1710-2690 MHz****Antenna Specifications**

Electrical Properties	
Product Name	4 Ports Single Beam Lens Antenna
Model	EHS3AZA141
Frequency (MHz)	1710-2200/2200-2690
Beam Quantity	1
Number of Port	4
Polarization	±45
Gain(dBi)	15±1/17±1
Horizontal Beam Pointing (°)	±29
Horizontal Plane 3dB Beamwidth (°)	28±4/23±3
Horizontal Plane 10dB Beamwidth (°)	47±5/39±4
Vertical Plane 3dB Beamwidth (°)	26±4/23±3
Vertical Plane 10dB Beamwidth (°)	46±5/39±4
Beam Cross-over (dB)	10 typical
Sidelobe Suppression (dB)	15
Front to Back Ratio (dB)	25
Isolation Between Polarization (dB)	≥25
Isolation Between Beam Port (dB)	≥23
Electrical Downtilt Range (°)	Fixed at 0°
VSWR	≤1.5
Intermodulation IM3 dBc (2×43dBm)	≤-150
Power Rating (W)	180W per Port
Input Impedance (Ω)	50
Lighting Protection	DC Ground

4 Ports Single Beam Lens Antenna—EHS3AZA141**4 x 1710-2690 MHz****Antenna Specifications**

Mechanical Properties	
Mechanical Down-Tilt (°)	0-20
Antenna Dimension (mm)	744×400×400
Packaging Dimension (mm)	970×515×515
Net Weight (Kg)	10.6
Gross Weight (Kg)	17
Connector	4*4.3-10(Female)
Mounting Diameter (mm)	Φ 50-110
Radome Material	ASA, UV protection
Wind Speed, Maximum	241Km/h
Wind Loading @ Velocity in Frontal/Side/Rear	298.4N/298.4N/231.4N @ 150-160Km/h
Operating Temperature(°C)	-40~+70
Operating Humidity	5%~95%
Antenna Safety	RoHS 2011/65/EU

**Antenna Appearance****Antenna Pattern****H-plane****V-plane**