

Raytron Ltd.

Microwave, antenna and array technology

61b biru st., Ra'anana 43581

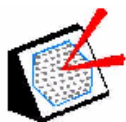
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IDR Subscriber
Antenna 900Mhz
Vertical Polarization

Raytron P/N: 0904-IV



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IDR Subscriber Antenna 900Mhz

Vertical Polarization

Antenna Type: Flat Antenna.

Electrical:

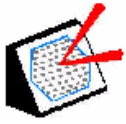
Freq. Range (Mhz)	: 902-928
Gain (dBi)	: 7 min
-3dB Beamwidth Elevation Plane (E-field)	: 93°±3
-3dB Beamwidth Azimuth Plane (H-field)	: 67°±3
Polarization	: Linear Vertical
Cross Polarization Level (dB)	: -18 max
VSWR Max	: 1:1.9
Impedance (Ω)	: 50
Power Handling (Watt)	: 20
Sidelobes Level (dB)	: -16
Front-to-back Ratio (dB)	: -17
Sidelobe in the Invisible Range (120-240) (dB)	: -16

Mechanical:

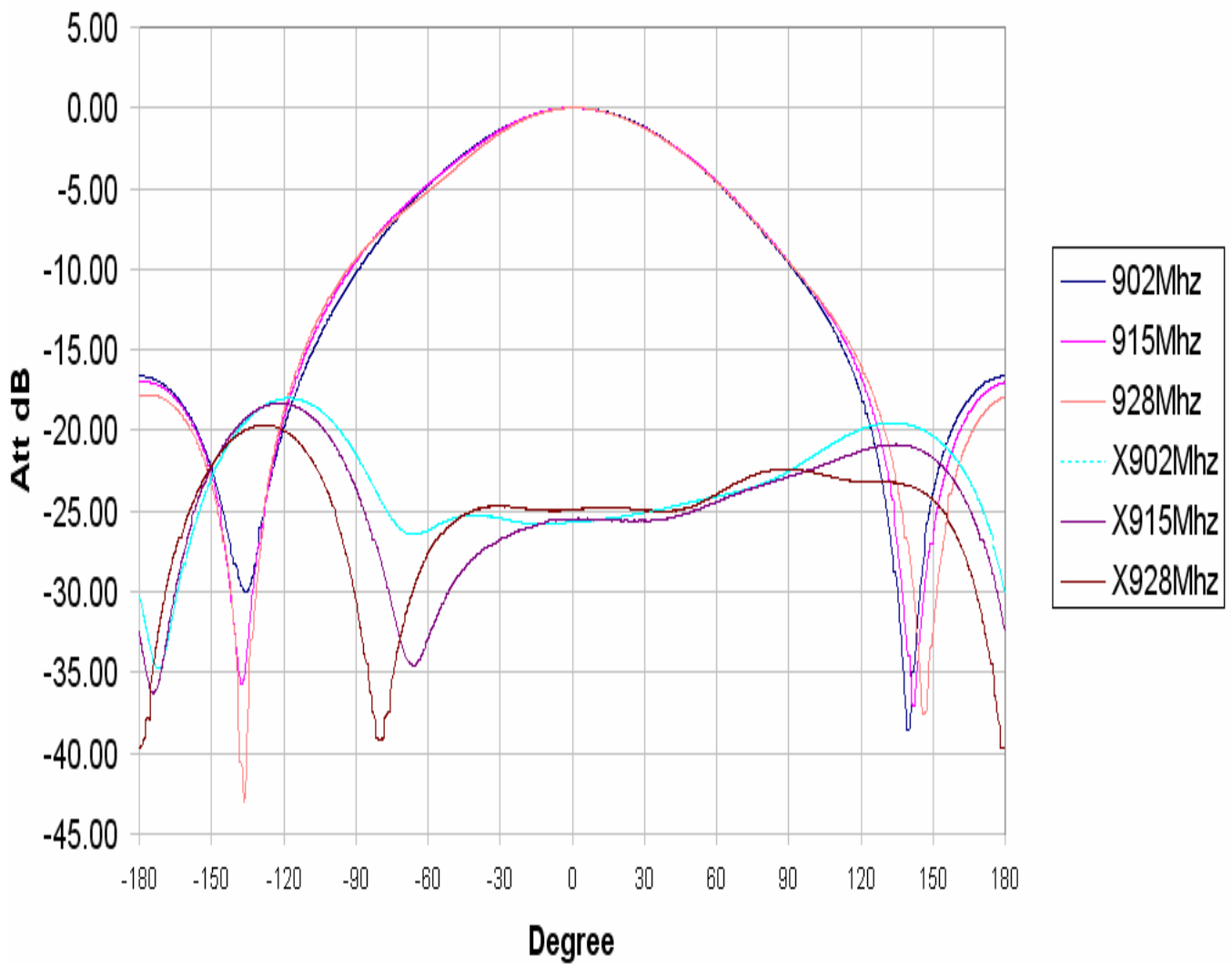
Dimensions WxH (mm)	: 116x190
Input RF Interface	: OSX male connector

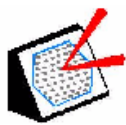
Environmental:

Operating Temperature	: -30 ÷ +70
Lightning Protection	: None
Flammability UL (Std. 94)	: UL 94V-0



0904-IV Azimuth





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0904-IV Elevation

