

Raytron Ltd.

Microwave, antenna and array technology

61b bilu st., Ra'anana 43581

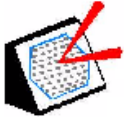
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SPR Subscriber
Antenna 900Mhz
Vertical Polarization

Raytron P/N: 0903-LV



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SPR Subscriber Antenna 900Mhz

Vertical Polarization

Antenna Type: Flat Printed Antenna. 1 Element.

Electrical:

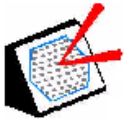
Freq. Range (Mhz)	: 902-928
Gain (dBi)	: 8
-3dB Beamwidth Elevation Plane (E-field)	: 60°
-3dB Beamwidth Azimuth Plane (H-field)	: 60°
Polarization	: Linear Vertical
VSWR Max	: 1:1.9
Impedance (Ω)	: 50
Power Handling (Watt)	: 50
Sidelobes Level (dB)	: -15
Front-to-back Ratio (dB)	: 23
Sidelobe in the Invisible Range (120-240) (dB)	: 17

Mechanical:

Dimensions WxH (mm)	: 360x265
Input RF Interface	: OSX male connector

Environmental:

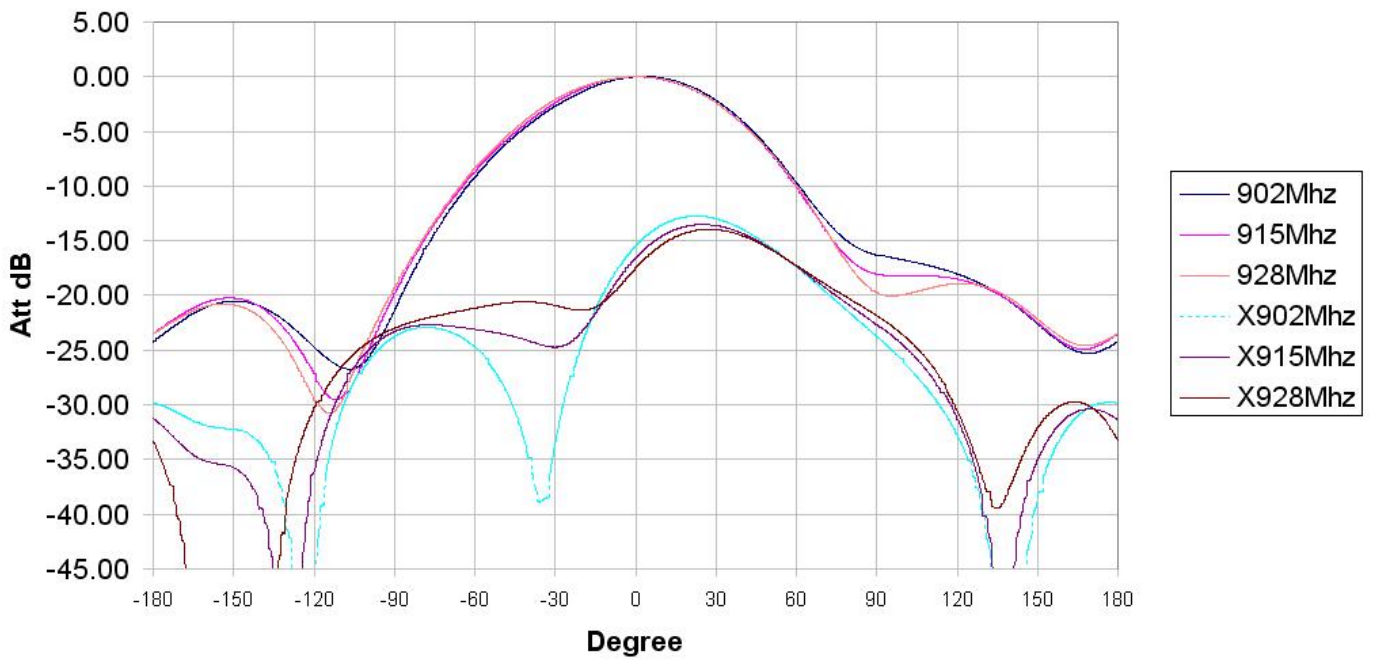
Operating Temperature	: -30 ÷ +70
Lightning Protection	: Radiating elements- DC grounded
Flammability UL (Std. 94)	: UL 94V-0

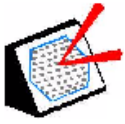


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0903-LV Azimuth





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0903-LV Elevation

