

Raytron Ltd.

Microwave, antenna and array technology

61b biru st., Ra'anana 43581

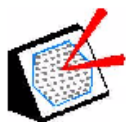
Telephone: 03.640.7088 / 09.771.0244

Fax/Mobile: 09.771.5299 / 052.510.367

E-Mail Address: raytron@zahav.net.il

SPR Subscriber
Antenna 900Mhz
Vertical Polarization

Raytron P/N: 0903-LV



Raytron Ltd.

Microwave, antenna and array technology

SPR Subscriber Antenna 900Mhz *Vertical Polarization*

Antenna Type: *Flat Printed Antenna. 1 Element.*

Electrical:

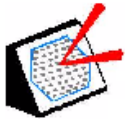
Freq. Range (Mhz)	: 902-928
Gain (dBi)	: 8
-3dB Beamwidth Elevation Plane (E-field)	: 60°
-3dB Beamwidth Azimuth Plane (H-field)	: 60°
Polarization	: Linear Vertical
VSWR Max	: 1:1.9
Impedance (Ω)	: 50
Power Handling (Watt)	: 50
Sidelobes Level (dB)	: -15
Front-to-back Ratio (dB)	: 23
Sidelobe in the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

Mechanical:

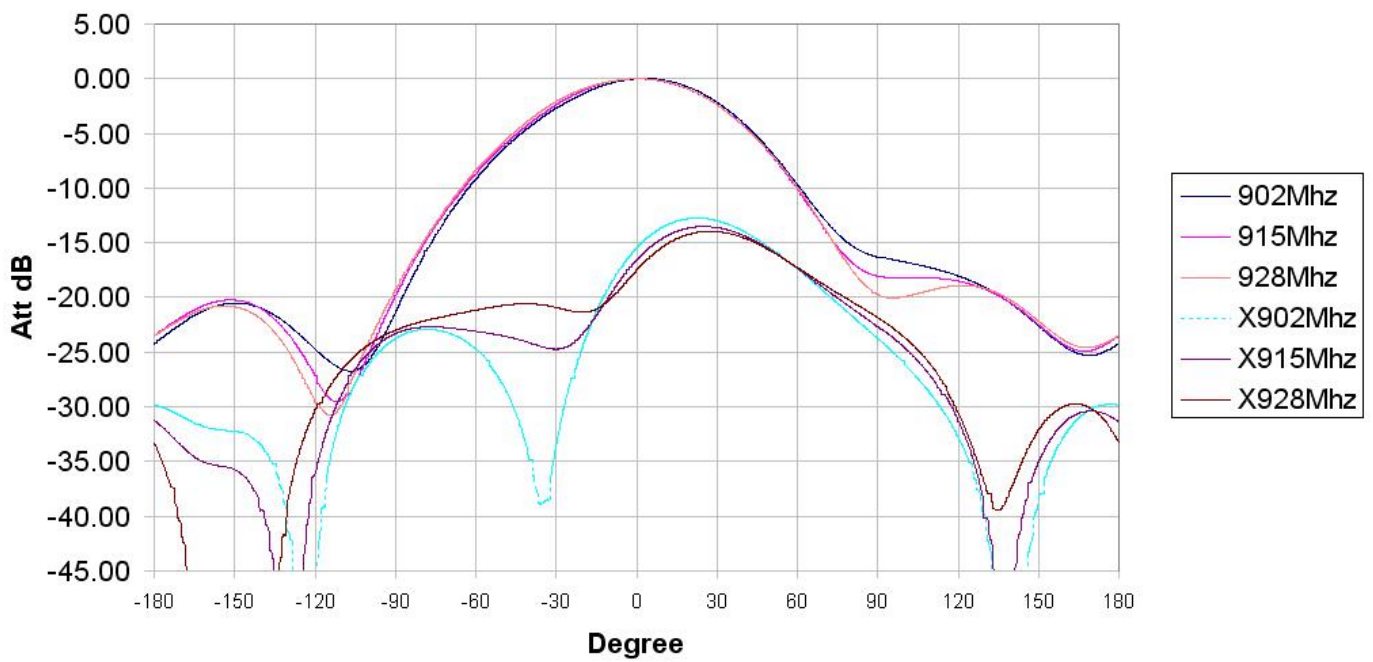
Dimensions WxH (mm)	: 360x265
Input RF Interface	: OSX male connector

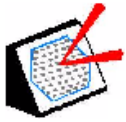
Environmental:

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



0903-LV Azimuth





0903-LV Elevation

