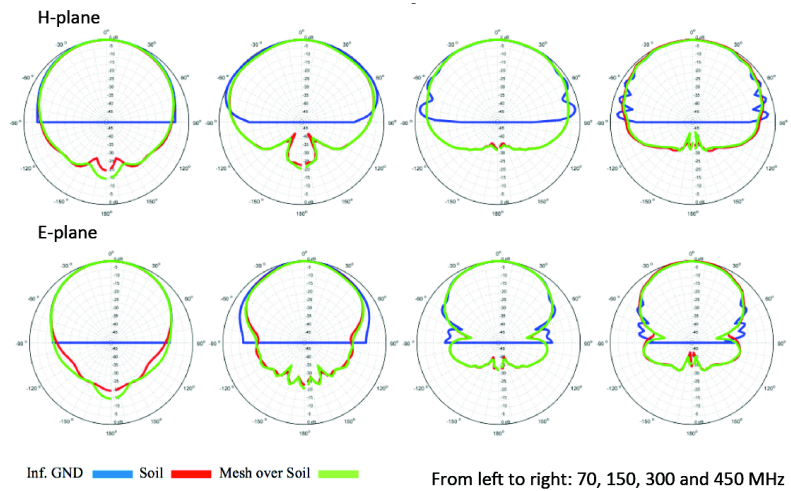


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SKALA-R is the RAPID variant of the Square Kilometer Array Low Frequency Aperture Antenna. The antenna is intended for geospace and astronomy observations covering the VHF and UHF frequency range and is easily deployable to remote field sites. The antenna provides dual coaxial connections and a bias-T powered low noise amplifier that is housed at the top of the unit. The antenna base provides dual solar panel mounting locations, provides a ground plane, and acts as a shipping enclosure for RAPID components.

SKALA-R Antenna Specification

Frequency Coverage	48 to 650 MHz
Field of View	+/- 120 degrees from Zenith
Gain at Zenith	6 dBi (typical)
Polarization Ratio at Zenith	> 30 dB (typical)
Noise Temperature	< 65K (typical)
Assembled Dimensions (L x W x H)	140 cm x 140 cm x 180 cm
Shipping Dimensions (L x W x H)	140 cm x 140 cm x 16.5 cm
Unit Weight	6 kg

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