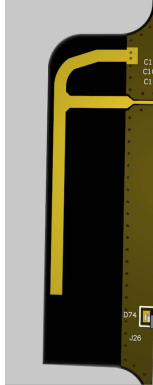
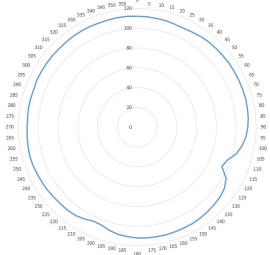
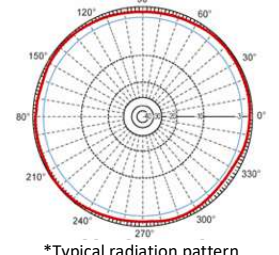
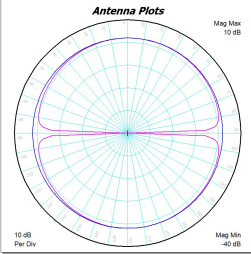
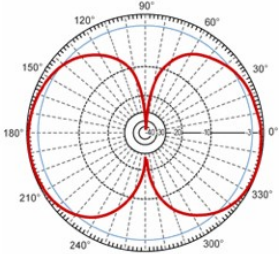


SON151 Antenna Specification

The SON151 product has an internal antenna, and an external RP-SMA antenna port. This port is connected to a whip antenna for normal use, but can also be connected to an external mount antenna for use in a vehicle or mounting to a structure. The specifications of the antennas are shown below:

Antenna	Internal Antenna	Whip Antenna	External Mount Antenna
Photo			
Manufacturer	Sonetics	L-COM	Laird
Part #	N/A	HG1903RD-RSP	TRA6927M3
Sonetics Part#	N/A	521-0014-00	114-0139-00 (Magnetic Base) 114-0138-00 (Permanent Base)
Frequency	1921-1930 MHz	1850-1990MHz	1710-2110MHz
Gain	0dBi	3dBi	2.9dBi (includes cable loss)
Polarization	Vertical	Vertical	Vertical
Azimuth @ 1925MHz		 *Typical radiation pattern	
Elevation @ 1925MHz	 Antenna Plots Mag Max 10 dB Mag Min -40 dB 10 dB Per Div	 *Typical radiation pattern	