

I II. Equipment Technical Specifications

- Frequency range

Tarana G1 BN and RN are locked to operate only in UNII-5 (5.925–6.425 GHz) and UNII-7 (6.525–6.875 GHz) in the US.

- Maximum EIRP and Emission designator

6GHz BN (Base Node) Model	Equipment Class	Bandwidth (MHz)	Emission Designator	EIRP (W)	ERP (W)
G1BN6ASIO 02	6SD	80	80M0G7D	4	2.3
G1BN6ASIO 02	6SD	40	40M0G7D	4	2.3

- Antenna Description

Both RN and BN contain integrated internal antenna only (product has no interface for external antenna). This is a custom antenna made by Tarana.

The antenna specification here is that of a single dual- polarized array antenna. The RN is equipped with 4 H/V antennas that result in focusing the effective beam pattern in the direction of interest. BN is equipped with 8 H/V antennas. Model	Equipment Class	Antenna Type	UNII-5 Antenna Gain (dBi)	UNII-7 Antenna Gain (dBi)
6GHz BN (G1BN6ASIO02)	6SD	Integrated Array (8H, 8V)	16.9	17.3

6GHz RN (G1RN6AHB012)	6FC	Integrated Array (4H, 4V)	14.9	15.0
--------------------------	-----	------------------------------	------	------