

PROPOSED MODIFICATION DETAILS

This section details the modifications to the Airflow Networks model AirHub 101 being proposed. All performance and construction deviations from the characteristics originally reported to the FCC and Industry Canada are addressed.

Airflow propose adding external antennas to their system. The change consists of adding two external reverse TNC connectors (to provide for spatial diversity) and any of the following antennas:

Manufacturer / Model	Gain (dBi)	Type
Centurion CAF28777	1	Omni
Maxrad MP24008XFPTRPC	8.5	Patch
Hyperlink HJ2409P	8	Patch

The Centurion and Maxrad antennas were evaluated with the system. These represented the highest gain antennas of each type for the new antennas.

Note that the original antenna was integral to the device and had a gain of 2 dBi.