

Professional Installation Guide for Antennas

Antenna Type

Due to FCC restrictions the professional installer must ensure that only directional patch type antennas of gains with less or equal of **9dBi** are used. For these antenna this device does not require manual power limit settings since the maximum output power of the AIRcable BLE radio module is under 10dBm.

Application

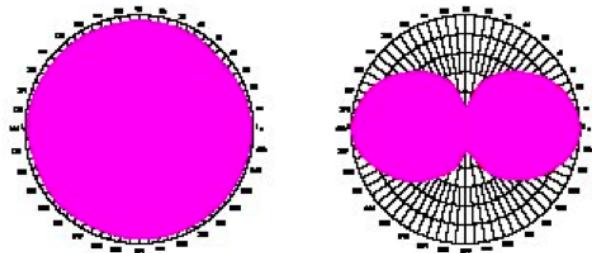
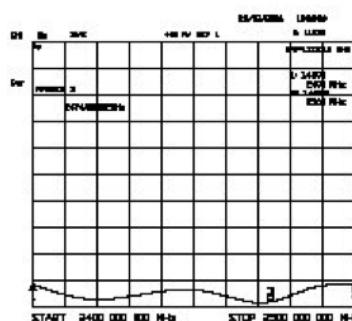
The omni-directional type antennas must be used directly connected to the AIRcable Host XR without a cable pig-tail. Screw on the antenna to the antenna port of the device and align the antenna vertically to give an optimum horizontal radiation pattern.

Antennas of that type with gain of less or equal 9dBi (omni-directional) are certified by the FCC and allowed to use with the AIRcable BLE end products.

Antenna Model : Antenna Gain

Boboto TLB-2400-9B 9dBi omni-directional

Model	TLB-2400-9B
<u>Main Technical Specifications</u>	
Frequency	2400-2500MHz
Bandwidth	100MHz
VSWR	≤1.5
Gain	9dBi
Polarization Type	Vertical
Rated power	50w
Input Impedance	50Ω
Connector Type	SMA
Dimensions	Φ14.5X430(mm)
Weight	52g



Schematics