

Antenna Information / Data Sheet

Applicant: LODI Group Holdings PTY LTD

FCC ID: 2BU6D00STELLER

Product Name: Steller 00

Antenna Configuration

The Steller 00 uses internally mounted, permanently installed chip antennas supplied by Ignion. The antennas are fixed as part of the device design and do not use standard RF connectors. Antenna substitution by the end user is not possible.

Antenna 1 – Bluetooth Low Energy

Manufacturer: Ignion

Model: NN02-101-NANO-mXTEND-Center

Type: Internal SMT chip antenna

Frequency Band: 2.4 GHz ISM (BLE)

Maximum Antenna Gain: 2.4 dBi

Impedance: 50 Ω

Polarization: Linear

Radiation Pattern: Omnidirectional

Antenna 2 – LTE-M and BLE

Manufacturer: Ignion

Model: NN03-310-TRIO-mXTEND

Type: Internal multiband SMT chip antenna

Frequency Bands:

LTE-M: 698–960 MHz, 1710–2690 MHz

BLE: 2400–2500 MHz

Maximum Antenna Gain:

LTE-M: up to 2.4 dBi

BLE: up to 2.4 dBi

Impedance: 50 Ω

Polarization: Linear

Radiation Pattern: Omnidirectional

Compliance Statement

Both antennas are permanently integrated into the device and are not accessible to the end user. Antenna type, gain, and orientation are fixed and evaluated as part of the final host configuration to ensure compliance with FCC Part 15 and applicable licensed cellular requirements.