

Antenna Property

Integrated on the module.

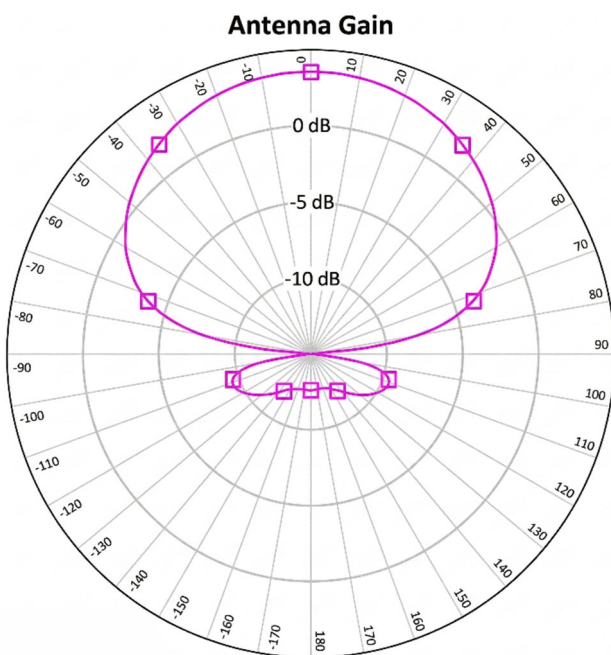
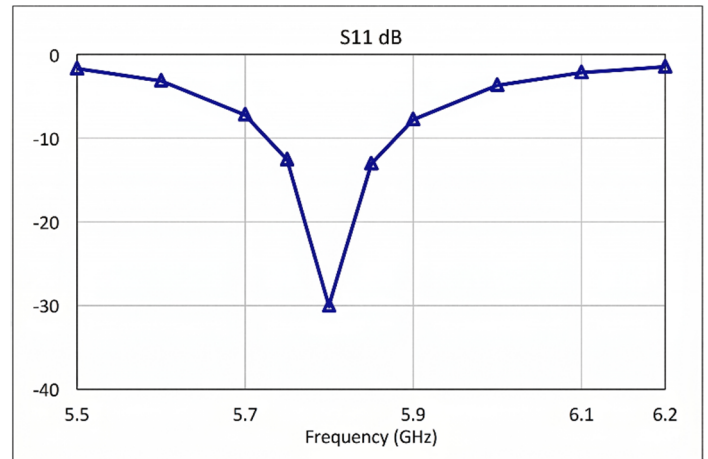
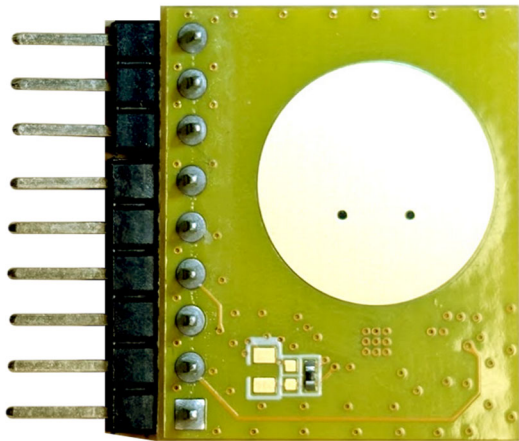
Operation: **5779MHz**

Peak gain: **3.6 dBi**

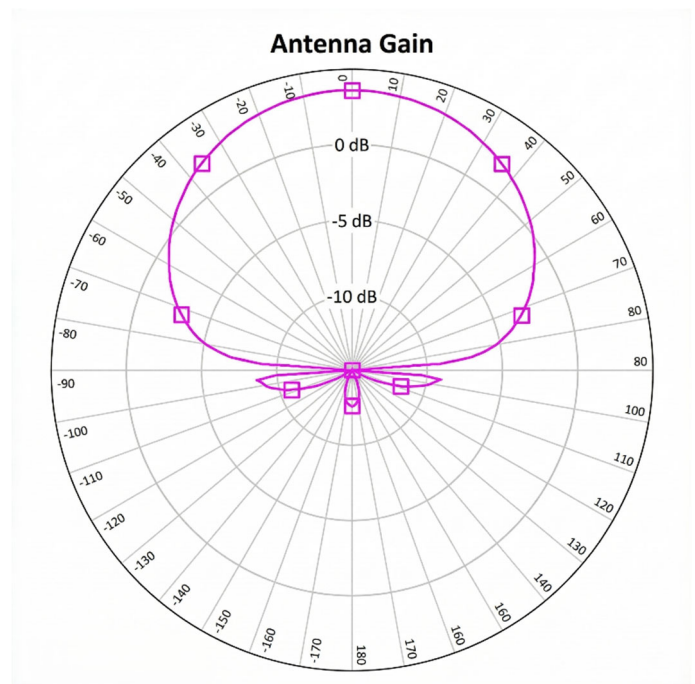
Input impedance: **50 ohm (S11 < -10 dB)**

Manufacture: Lifeart Limited.

Address: Mocatta House, Blackmore Ct Brighton and Hove BN1 4DU, United Kingdom



Horizontal Plane



Elevation Plane

Integration Instructions for Host Product Manufacturers

The module complies with FCC Part 15.249.

Host manufacturers must strictly adhere to the following integration constraints:

Power Supply (Mutually Exclusive): The module supports 5.0V (DC 3.6V~6.0V) or 3.3V (DC 2.5V~3.6V). Do not apply power to both inputs simultaneously. A low-noise power supply is highly recommended for the 3.3V mode.

Mechanical & RF Clearance: Metallic objects must be strictly kept out of the antenna keep-out zone. Do not enclose the module in any metallic packaging.

Installation: Ensure module pins are properly soldered. The design prohibits end-users from modifying or removing the module.

This equipment complies with FCC radiation exposure limits for an uncontrolled environment.

- Maximum Peak Conducted Output Power:: 0.71dBm
- Antenna Gain: +3.6 dBi

The module is equipped with a permanently attached, non-replaceable antenna.

- Antenna gain: 3.6 dBi
- Impedance: 50 ohm

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