

Product: BODY REM WIFI

Product Order Code:
BM-02 RANGE

Rugged Low Profile Body Mounted Antenna

WLAN, WIFI, BLUETOOTH,
ZIGBEE, ISM

- Low profile robust antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	79.5mm x 74.7mm x 15mm (H)
Weight	74g (Excluding cables and connectors)
Construction Materials	PC/ABS / UL94 V0 / UV Stable
Maximum Torque Setting (Nm)	4.8Nm
Mounting Arrangement	M12 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (glass, metal, plastic etc.)
Temperature Range	-40 to +85 Degree C
Protection Class	IP67 (IEC 60529)

WLAN / WIFI / BLUETOOTH / ZIGBEE / ISM

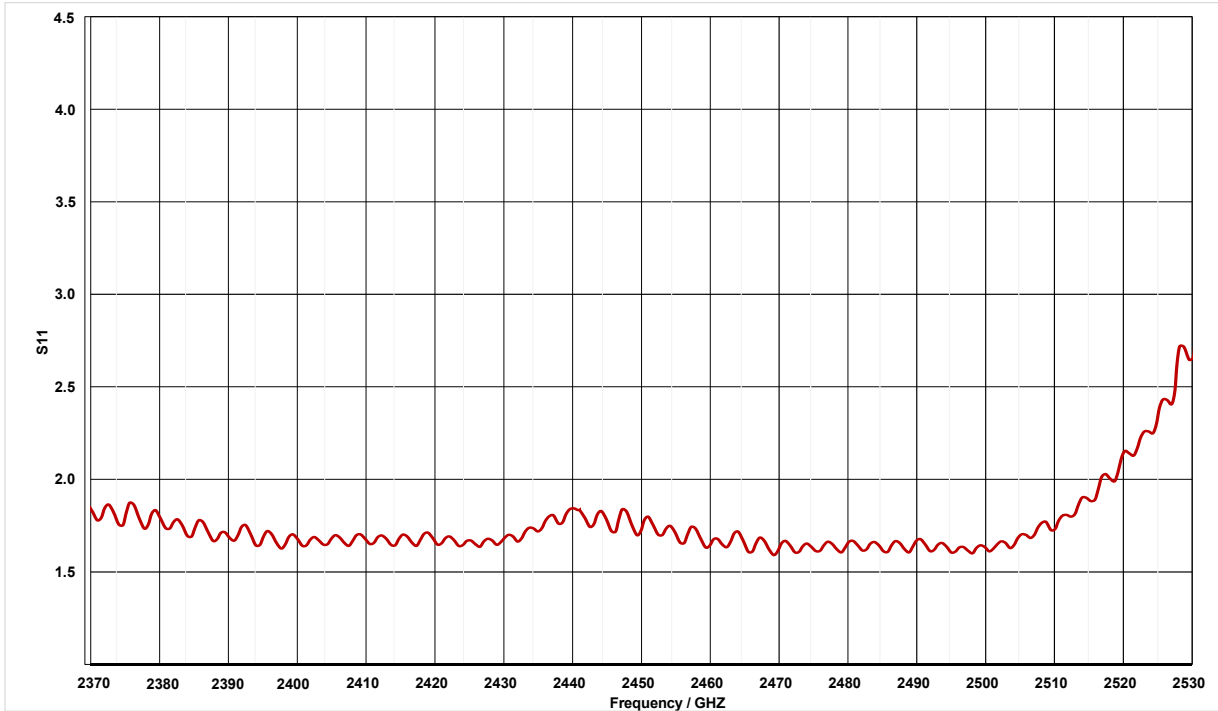
Frequency Range	Bluetooth: IEEE Standard 802.11b	2400 MHz - 2484 MHz 2412 MHz - 2500 MHz
Peak Gain		@ 2400 MHz; 4.31 dBi @ 2450 MHz; 4.02 dBi @ 2500 MHz; 3.76 dBi
Average Gain		3,1 dBi
Impedance		50 Ohm
Polarisation		Linear
Radiation Pattern		Omni-directional
VSWR		<2:1 (All Bands)
Input Power		25w (Maximum)
Cable / Connector		According to customer specification
Test & Measurement Conditions		300mm x 300mm Ground Plane

dBi: Referenced to an isotropic radiator

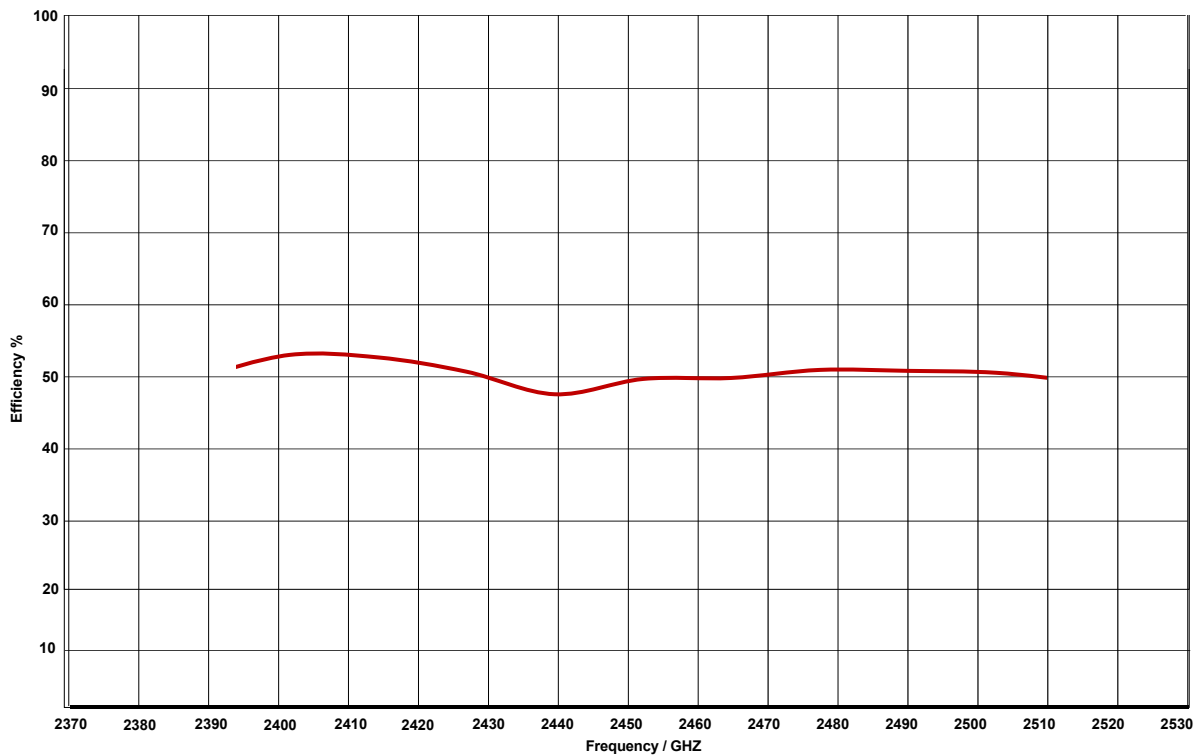
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Typical VSWR Data (WIFI)



Radiated Efficiency (WIFI)



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CAD Data

