

Product: MACETA MAG WIFI

Product Order Code:
BM-02 RANGE

Waterproof Magnetic Mounted WIFI Antenna

Bluetooth, ISM, WIFI, ZigBee

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



Technical Data

Dimensions	68mm (H) x 54mm (Base Diameter)
Weight	88g (excluding cable & connector)
Construction Materials	Zamak
Mounting Arrangement	Magnetic Ground Plane Dependent
Temperature Range	-40 to +85° C
Protection Class	IP67 / IP69 / IK09 (IEC 60529)

WLAN / WIFI / BLUETOOTH / ZIGBEE / ISM

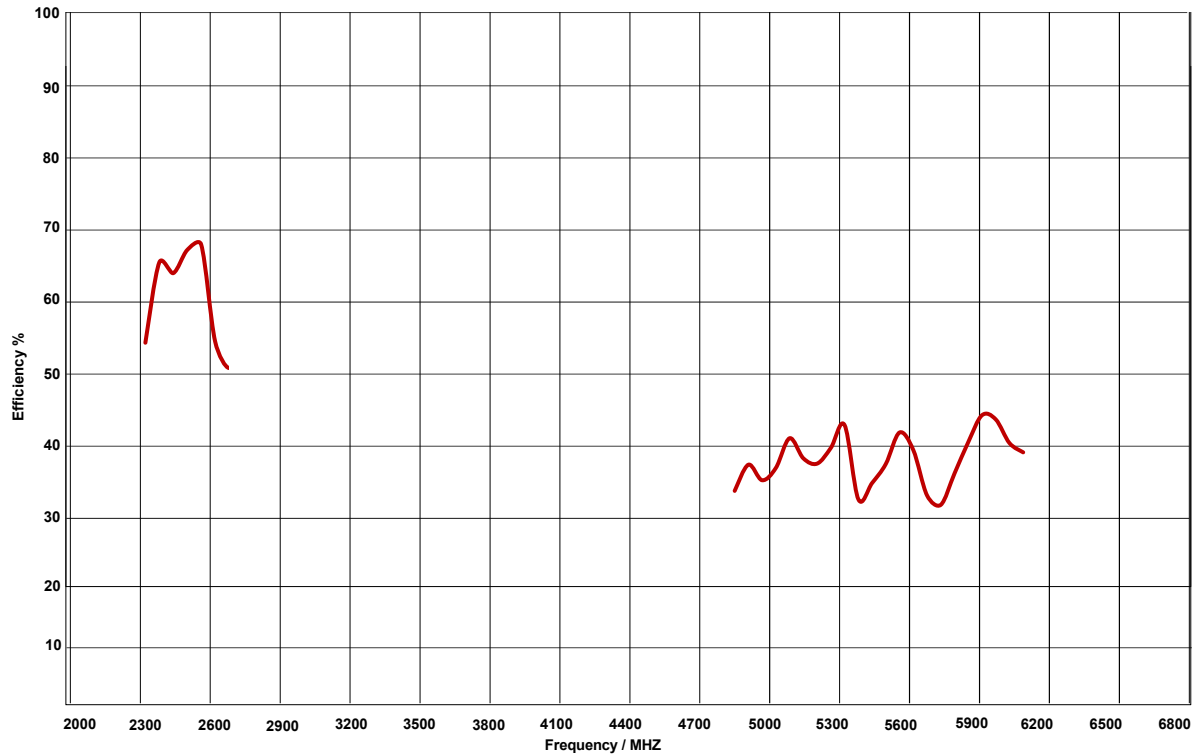
Frequency Range	Bluetooth: IEEE Standard 802.11b	2400 MHz - 2484 MHz 2412 MHz - 2500 MHz 4900 MHz - 5825 MHz
Peak Gain		@ 2400 MHz; 5.20 dBi @ 2450 MHz; 5.31 dBi @ 2500 MHz; 4.95 dBi @ 4900 MHz; 4.84 dBi
Average Gain		5.14 dBi
Impedance		50 Ohm
Polarisation		Linear
Radiation Pattern		Omni-directional
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

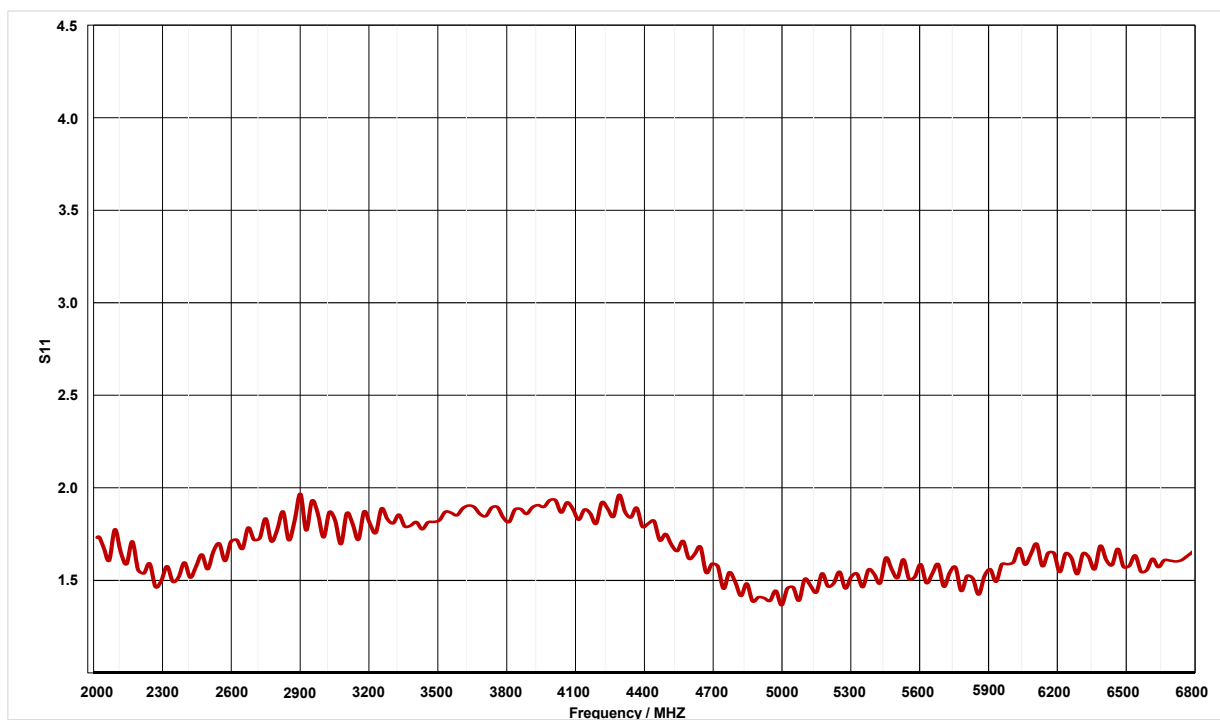
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Radiated Efficiency



Typical VSWR (WIFI)



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CAD Data

