

Product: BODY ADYNA 5 / 2.4

## Low Profile Body Mounted Antenna

Product Order Code:  
BM-02682 RANGE

WLAN, WIFI, BLUETOOTH,  
ZIGBEE, ISM

- Low profile 'manhole cover' robust wideband antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via [enquiry@bloomice.com](mailto:enquiry@bloomice.com)



### Technical Data

Dimensions	30.6mm (D) x 5.17 (H) Excluding 3M pad)
Weight	35g
Construction Materials	PC/ABS UL94 V0 UV Stable
Mounting Arrangement	M10 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (glass, metal, plastic etc.)
Temperature Range	-40 to +85° C
Protection Class	IP68 (IEC 60529)

### WLAN / WIFI / BLUETOOTH / ZIGBEE / ISM

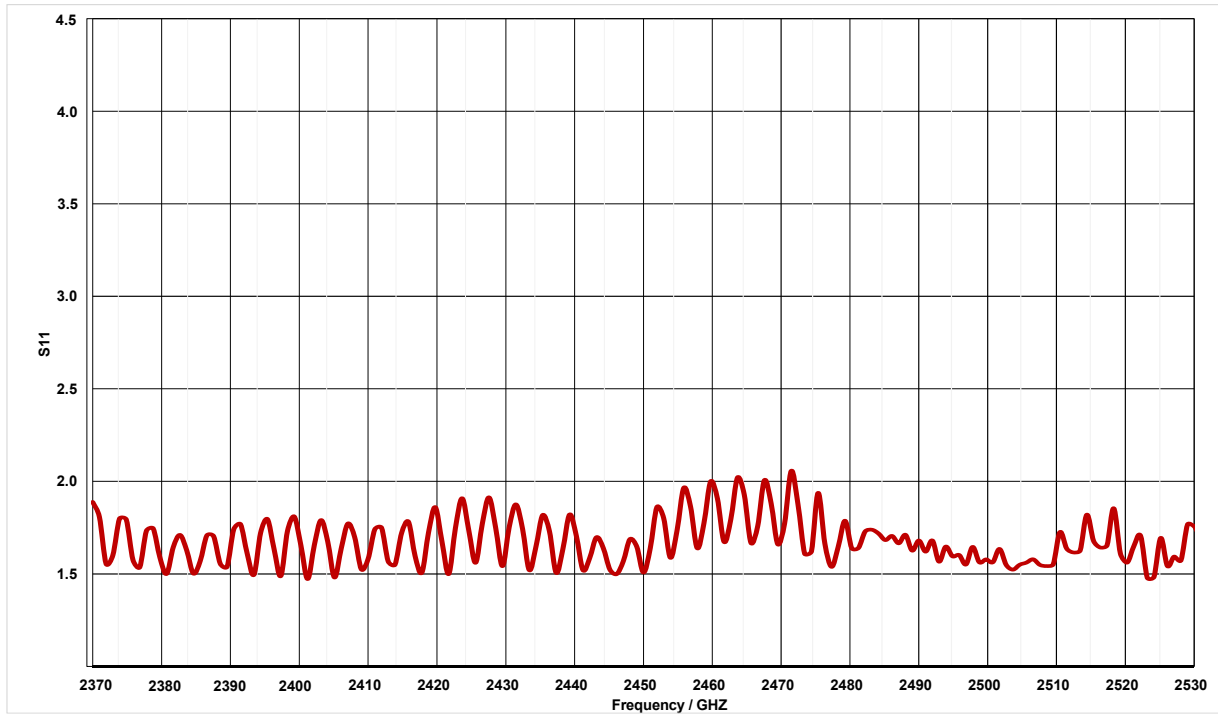
Frequency Range	Bluetooth: IEEE Standard 802.11b	2400 MHz - 2484 MHz 2412 MHz - 2500 MHz
Peak Gain		@ 2400 MHz; 2.14 Bi @ 2450 MHz; 2.14dBi @ 2500 MHz; 2.14dBi
Average Gain		2.14dBi
Impedance		50 Ohm
Polarisation		Linear
Radiation Pattern		Omni-directional
VSWR		<2:1 (All Bands)
Input Power		25w (Maximum)
Cable / Connector		According to customer specification
Test & Measurement Conditions		300mm x 300mm Ground Plane

dBi: Referenced to an isotropic radiator

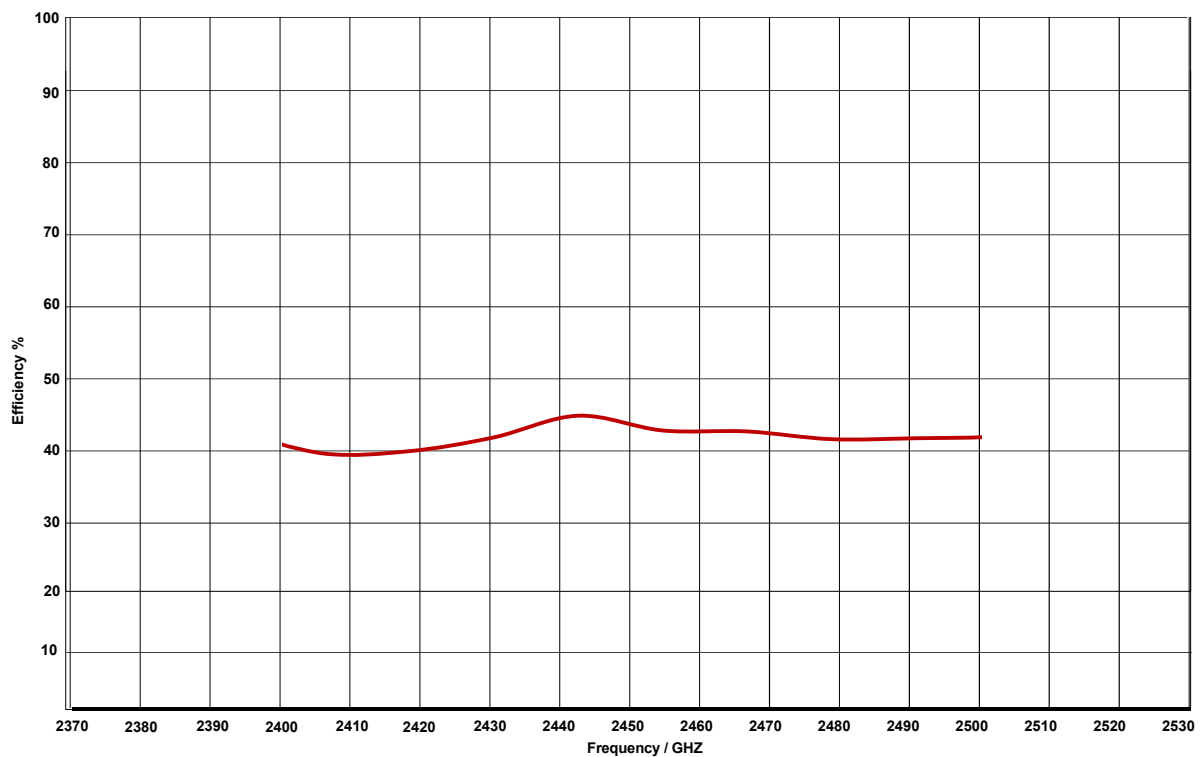
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### VSWR Data - WIFI



### Radiated Efficiency - WIFI



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CAD Data

