

Product: HPAL110/2.4

Product Order Code:

BM-02387

Hinged WIFI Connector Mounted Antenna

WLAN, WIFI, BLUETOOTH, ZIGBEE, ISM

- Compact 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	110mm (Overall Height) x 10.1mm (D) Base Diameter
Weight	34g
Construction Materials	Base - Black SMA / Cover - UV Stable ABS
Mounting Arrangement	Direct Mounted SMA Male Connector Ground Plane Dependent
Temperature Range	-40 to +85° C
Protection Class	IP55

WLAN / WIFI / BLUETOOTH / ZIGBEE / ISM

Frequency Range	Bluetooth: IEEE Standard 802.11b	2400 MHz - 2484 MHz 2412 MHz - 2484 MHz
Impedance		50 Ohm
Polarisation		Linear
Radiation Pattern		Omni-directional
VSWR		<2:1
Maximum Gain		2.3dBi
Average Gain		2.14dBi
Input Power		25w (Maximum)
Connector		SMA MALE - REVERSE POLARITY
Test & Measurement Conditions		300mm x 300mm Ground Plane

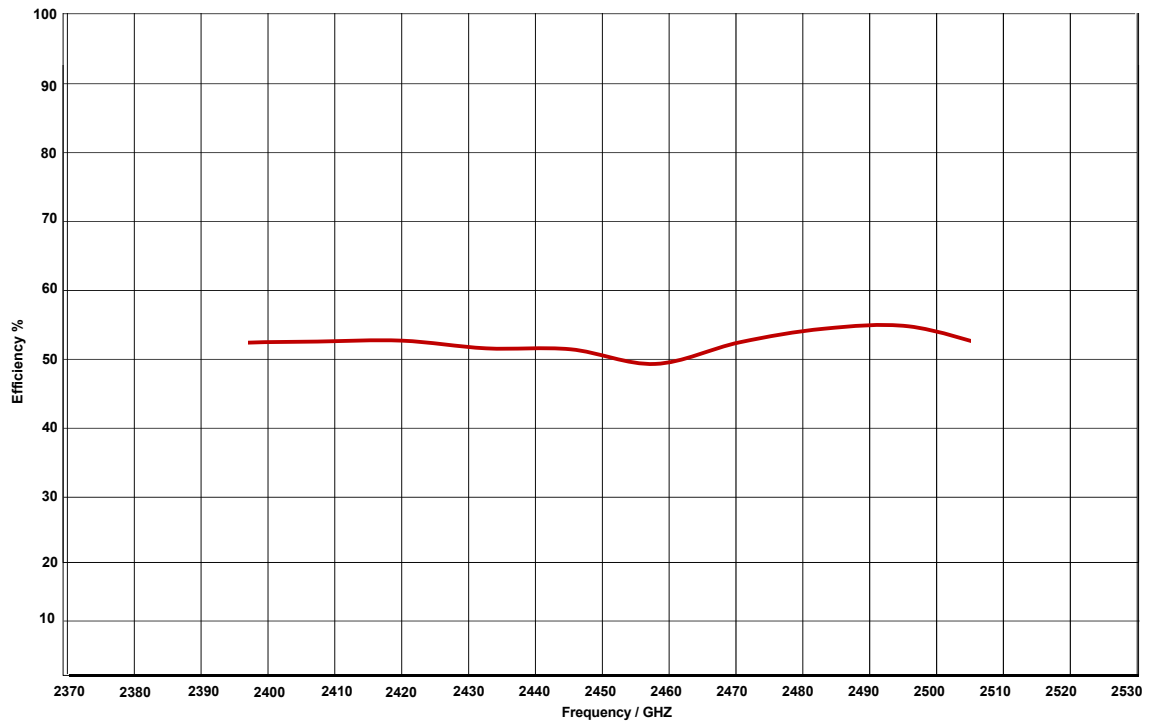
dBi: Referenced to an isotropic radiator

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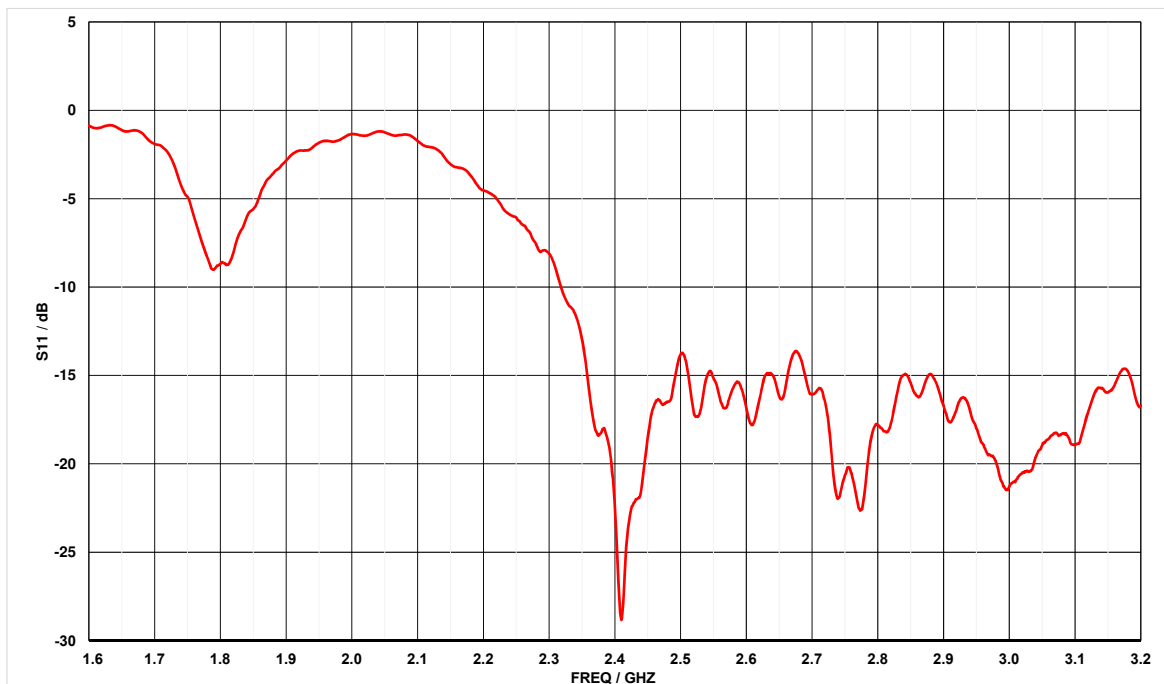
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Radiated Efficiency



Typical Return Loss Data



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CAD Data

