

Product: LATERAL V3 LTE

Product Order Code:

BM-02948/V3

Wideband Wall Mounted IoT Antenna

LTE-4G, CELLULAR (2G, 3G)
2.4GHz WLAN

- Bracket / wall mounted LTE IoT wideband antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions		As per CAD detail below
Weight		44g (Excluding cable & connector)
Construction Materials		White ABS UV resistant plastic
Mounting Arrangement		Wall mounted (fixings supplied) Ground Plane Independent
Temperature Range		-40 to +85° C
Protection Class		IP66 (IEC 60529)
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance		50 Ohm
Polarisation		Linear
Average Gain	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	@ 790-960 MHz; 4.9dBi @ 1710-1880 MHz; 5.2dBi @ 1920-2170 MHz; 4.8dBi @ 2300-2700 MHz; 4.6dBi
Radiation Pattern		Omni-Directional
Max Power @ 30°C	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	25 Watts @ 790-960 MHz 25 Watts @ 1710-1880 MHz 25 Watts @ 1920-2170 MHz 25 Watts @ 2300-2700 MHz
Return loss (VSWR)		≤ 2.1:1 (All Bands)
Radiator Type		Dipole
Connector		According to customer specification
Cable		According to customer specification
Test & Measurement Conditions		Wall Mounted / 100mm LL100 / SMA MALE

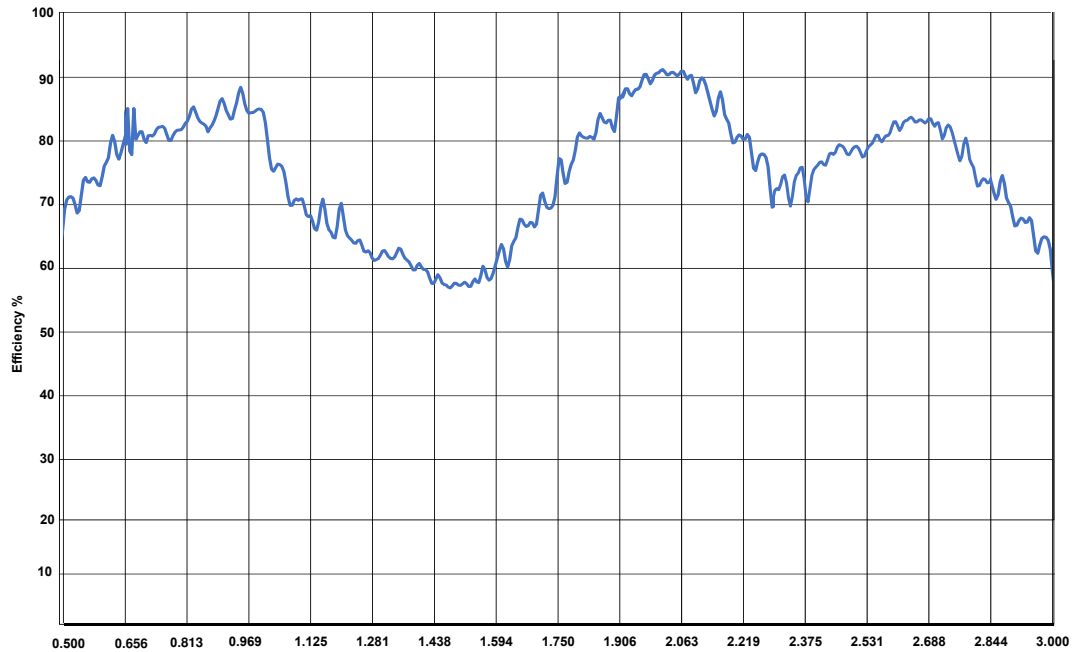
dB_i: Referenced to an isotropic radiator

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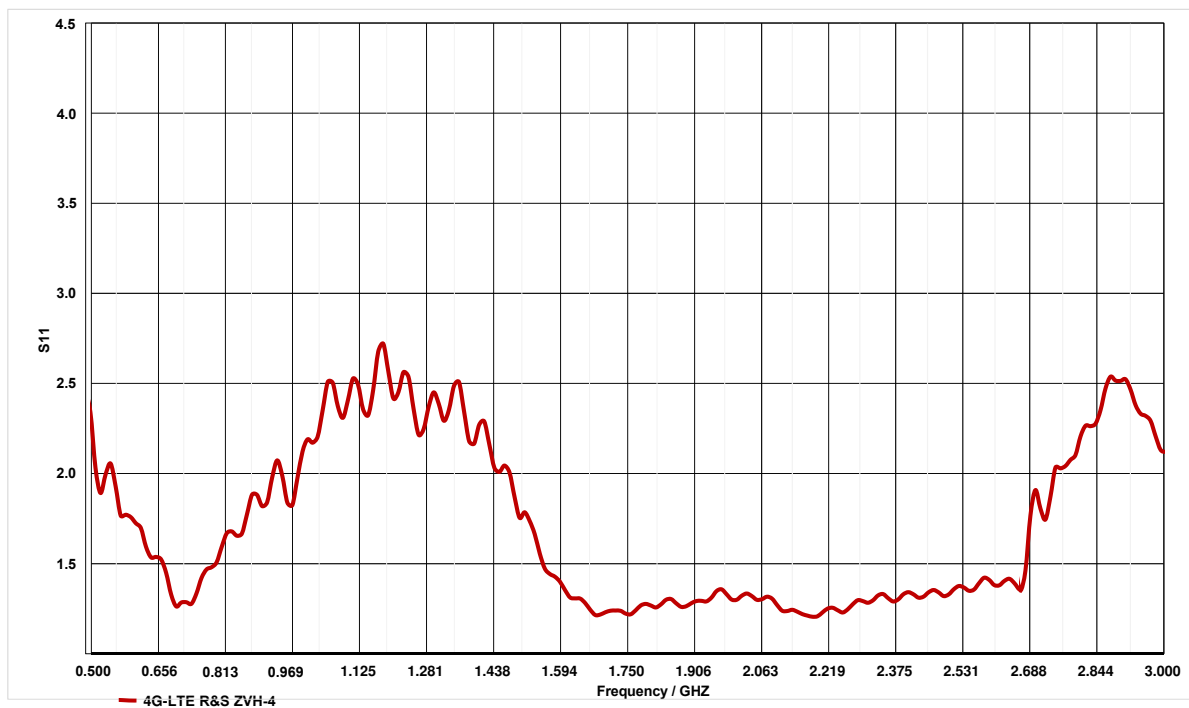
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Radiated Efficiency



Typical VSWR

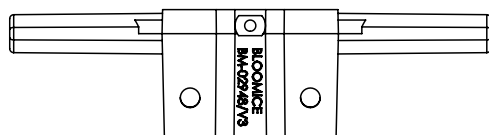
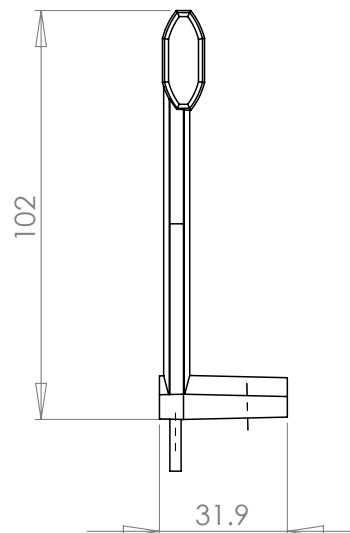
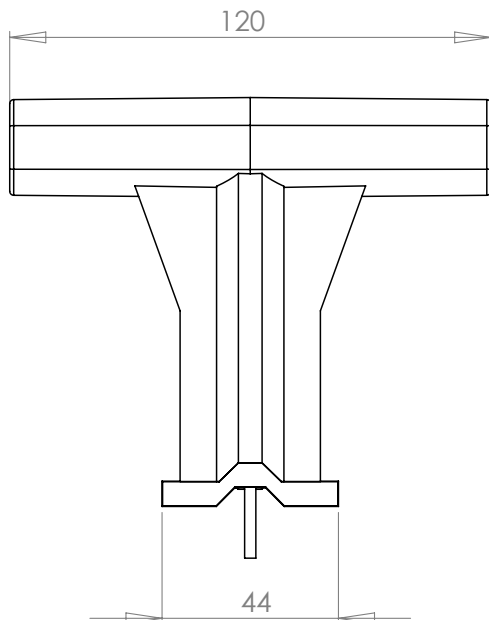
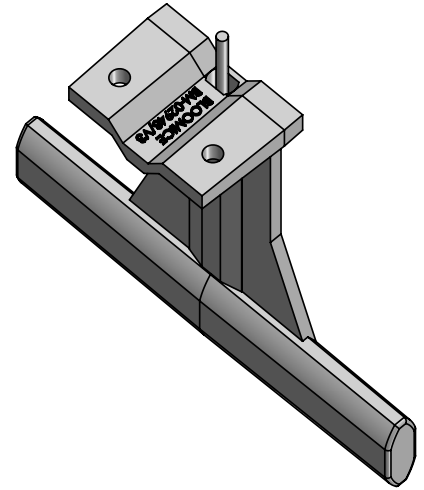
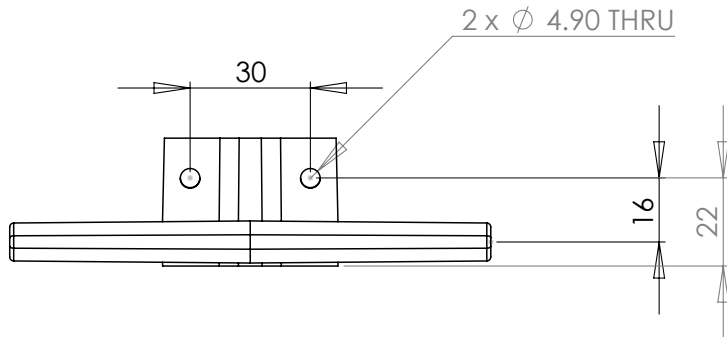


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Mechanical Drawing / Dimensions.



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:

