Product: PARED / A 4G/LTE

Product Order Code:

BM-02280/A

Wideband Wall Mounted Antenna

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



- Wall mounted robust wideband planar 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		355g
Construction Materials		ABS UV Stable UL94 V0 (Whip) Stainless Steel (Bracket)
Mounting Arrangement		Wall Fixing - Free Space
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; 3.1dBi @ 1710-1880 MHz; 0.4dBi @ 1920-2170 MHz; 3.8dBi @ 2300-2700 MHz; 1.6dBi
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 (All Bands)
Radiator Type		Dipole
Cable types Available		RG58
Cable Length		5000mm
Connector		SMA MALE
Test & Measurement Conditions		Free Space / 5000mm RG58 Cable / SMA MALE

dBi: Referenced to an isotropic radiator

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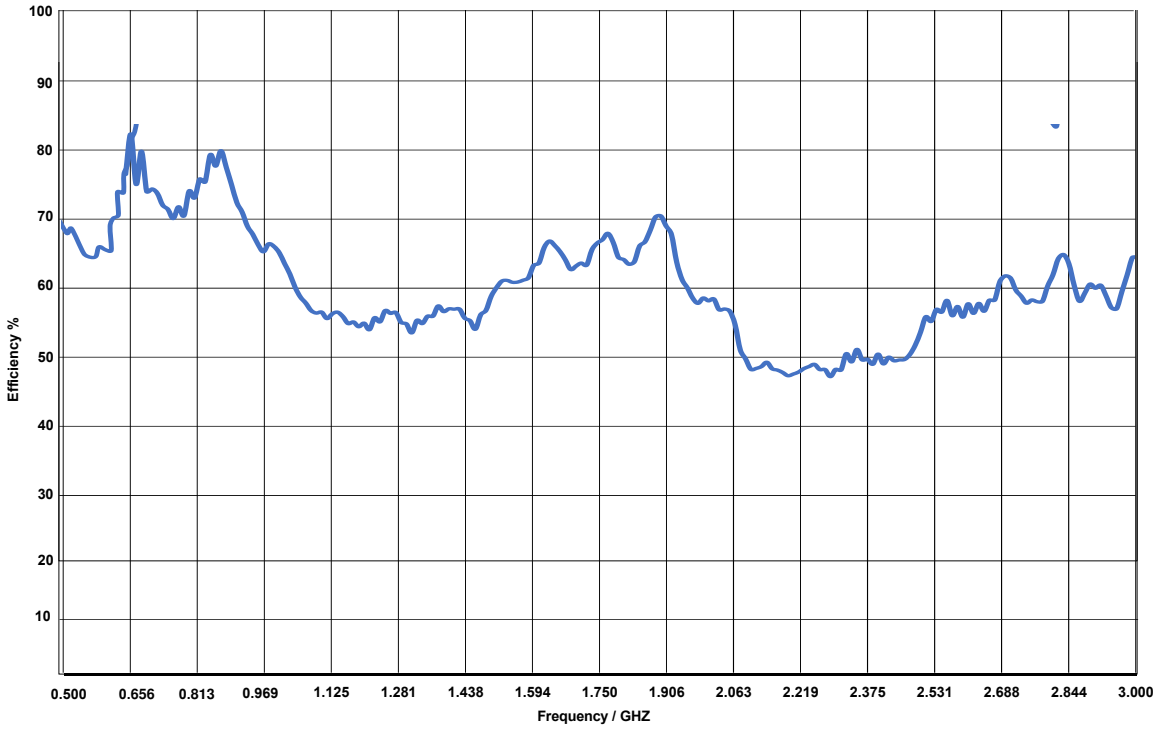
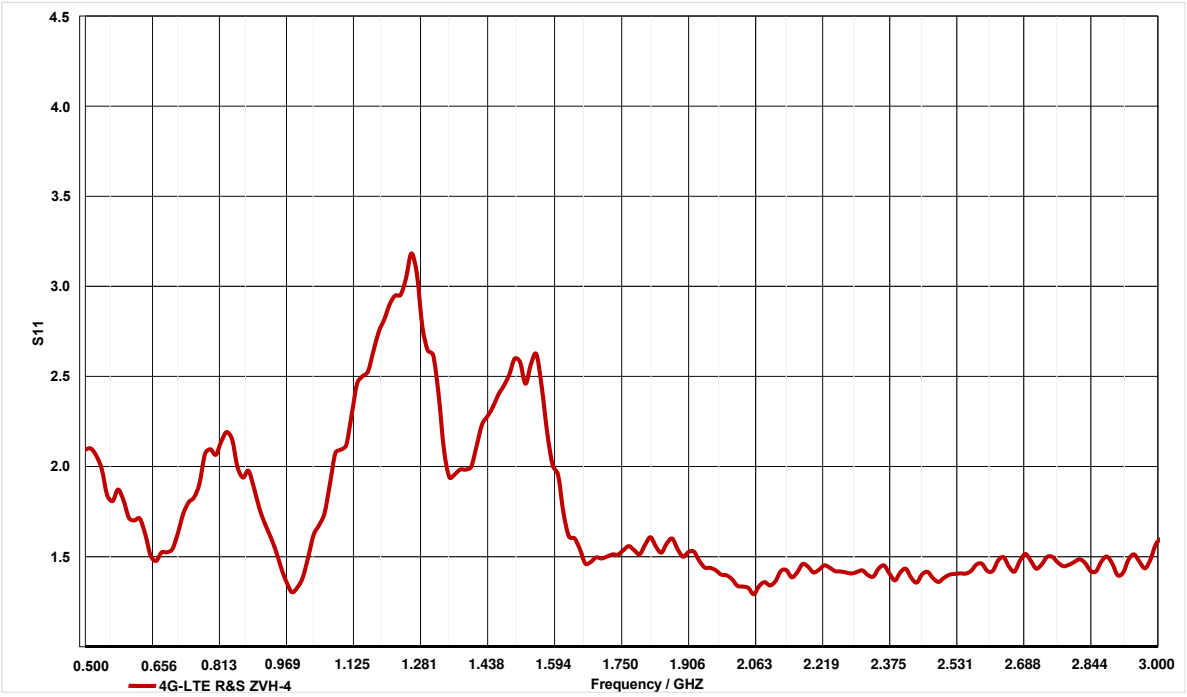
Radiated Efficiency



Typical VSWR (LTE)



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CAD Data

