



# MIA-HB-800-2700

Ultra-Wideband 4G LTE Antenna

Part #: 100-00273-01

## Description

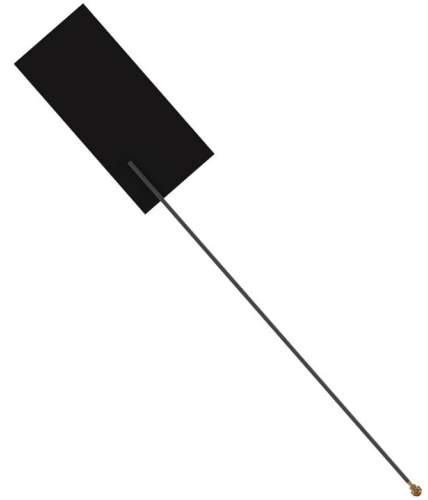
MIA-HB-800-2700 is an ultra-wideband hexa band embedded antenna that provides broad coverage 824 MHz- 960 MHz / 1710 MHz-2700 MHz and is compatible with most 4G LTE, 3G and 2G standards. This is a high efficiency high gain antenna ideally suited for LTE connectivity such as gateways, healthcare, HD video, routers, access points, repeaters and other LTE applications. The antenna is built out of flex material and is very easy to integrate. The antenna size is 52mm x 24mm featuring a 10 cm cable and IPEX connector.

## Electrical Specification

Parameter	Specification	
Frequency Range	824-960	1710-2700MHz
Gain	2.5dBi	3dBi
VSWR	≤ 3.0	
Maximum Input Power	50 W	
Impedance	50 Ω	

## Mechanical Specification

Parameter	Specification
Antenna Dimensions	52 x 24 x 0.1 mm
Weight	8g
Connector	IPEX
Cable Type	1.13cable
Radome	FPC
Operating Temperature	-40°C to+70°C
Humidity	15-70%RH
Compliant	RoHS



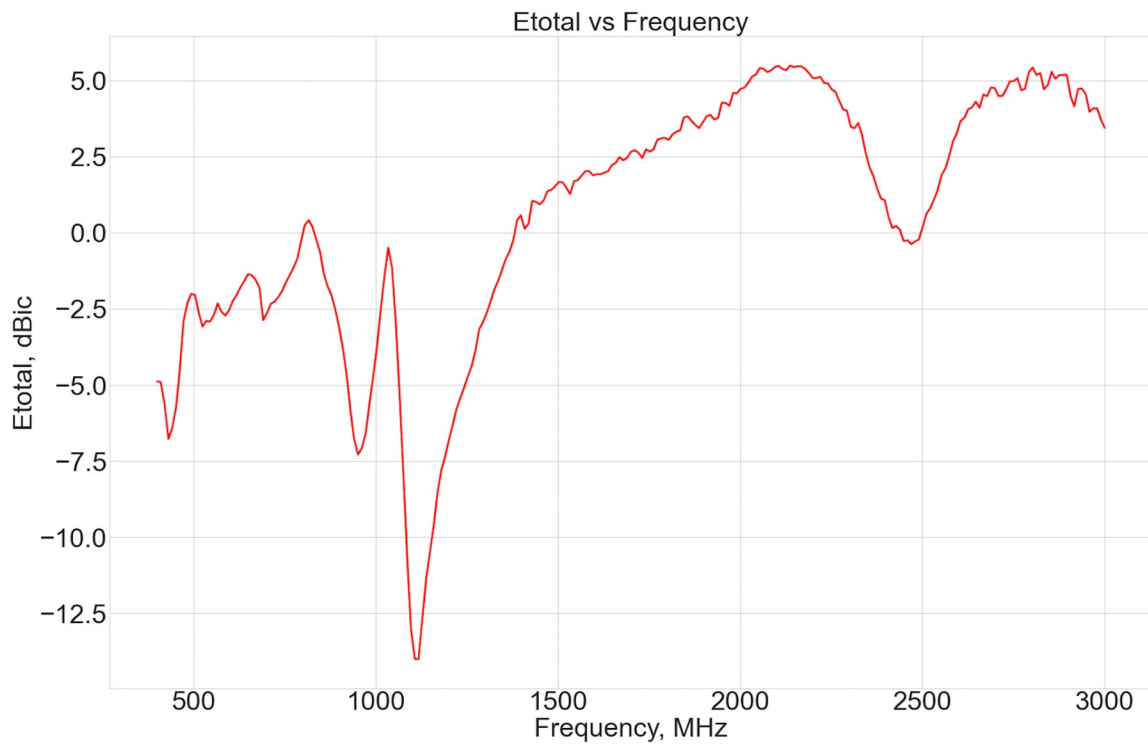
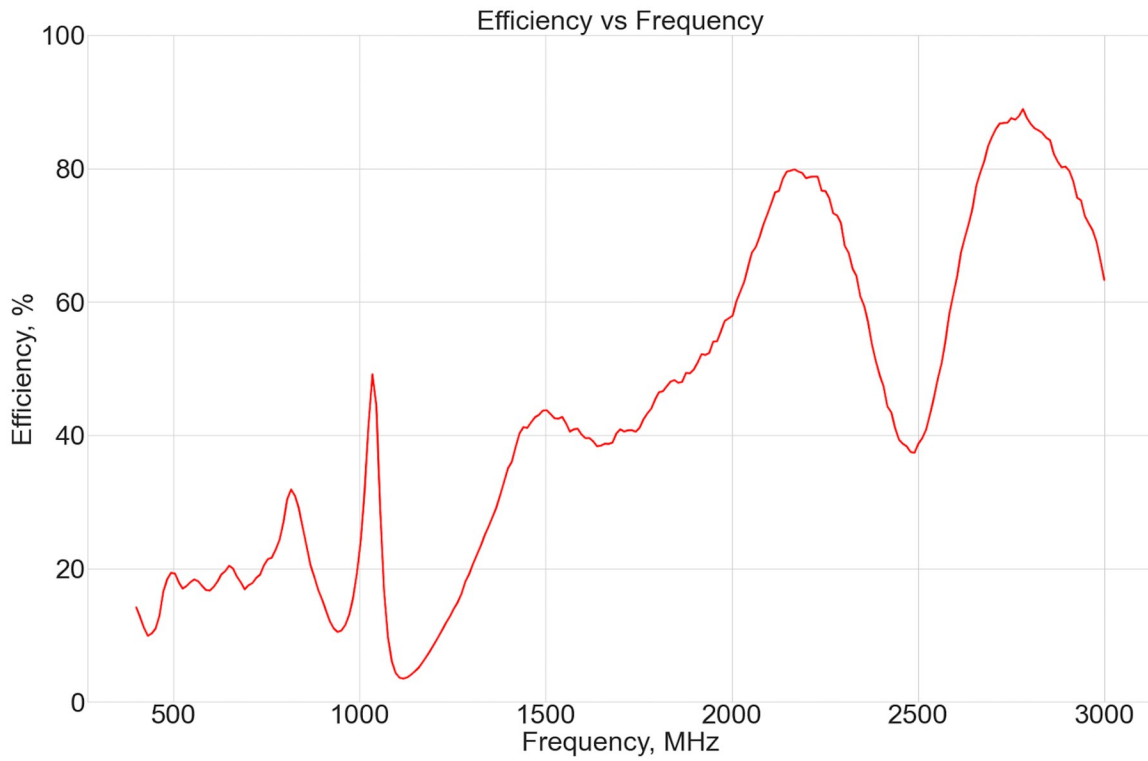
## Features

- 4G/LTE 824-960MHz; 1710M-2700MHz
- Ground plane Independent
- High Efficiency across all bands
- Flexible embedded antenna
- Customizable cable and connector

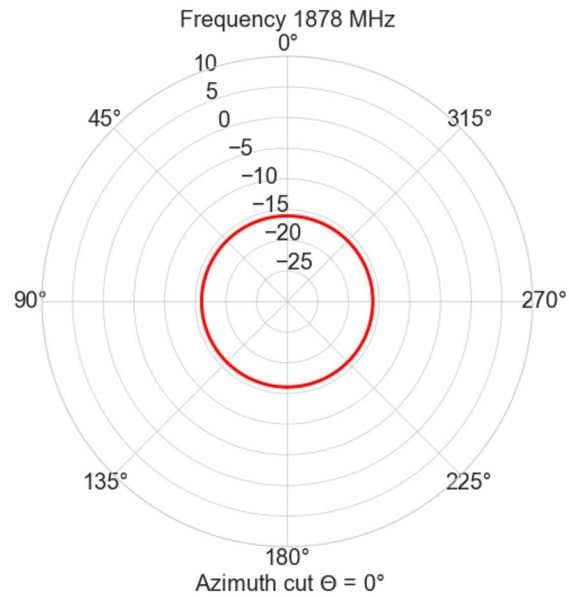
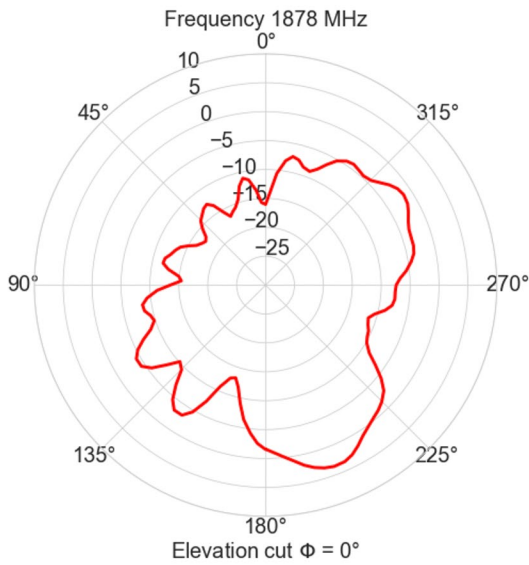
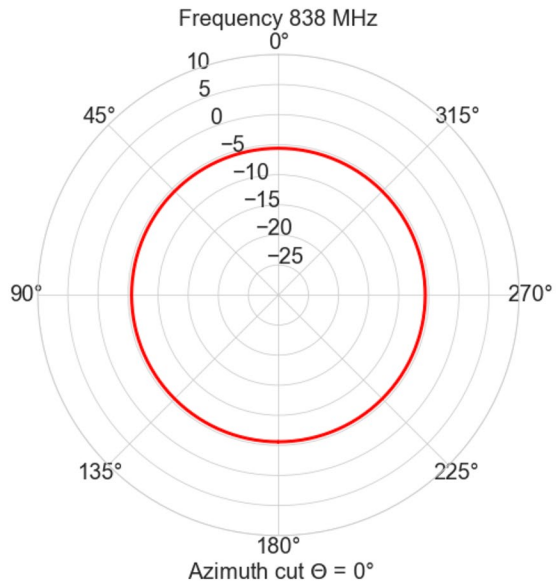
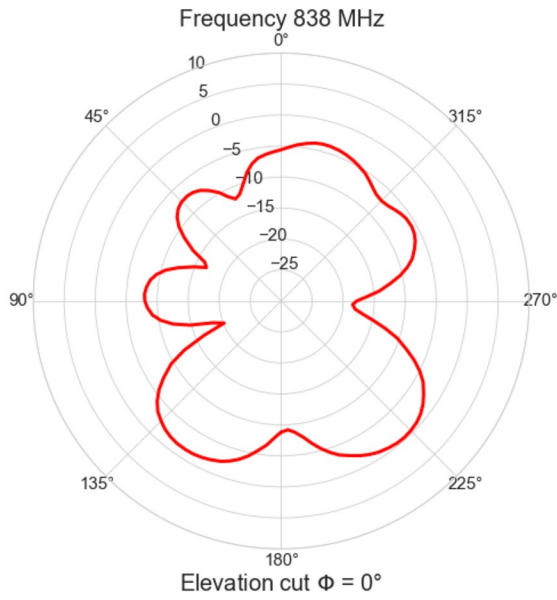
## Applications

- IOT
- Smart City
- Vending Machines
- HD Video
- Gateways

## Antenna Parameters



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