

Description

This antenna is a heavy-duty, fully IP67 waterproof external M2M antenna for use in telematics, transportation and remote monitoring applications. It is unique in the market because it with high efficiency in a compact format. This antenna screws down in permanently onto a roof or metal panel and can be pole or wall-mounted with a metal bracket. For industries such as commercial vehicle telematics, remote monitoring, smart meter systems and construction equipment, it provides a robust, rugged antenna that is durable, even in extreme environments.

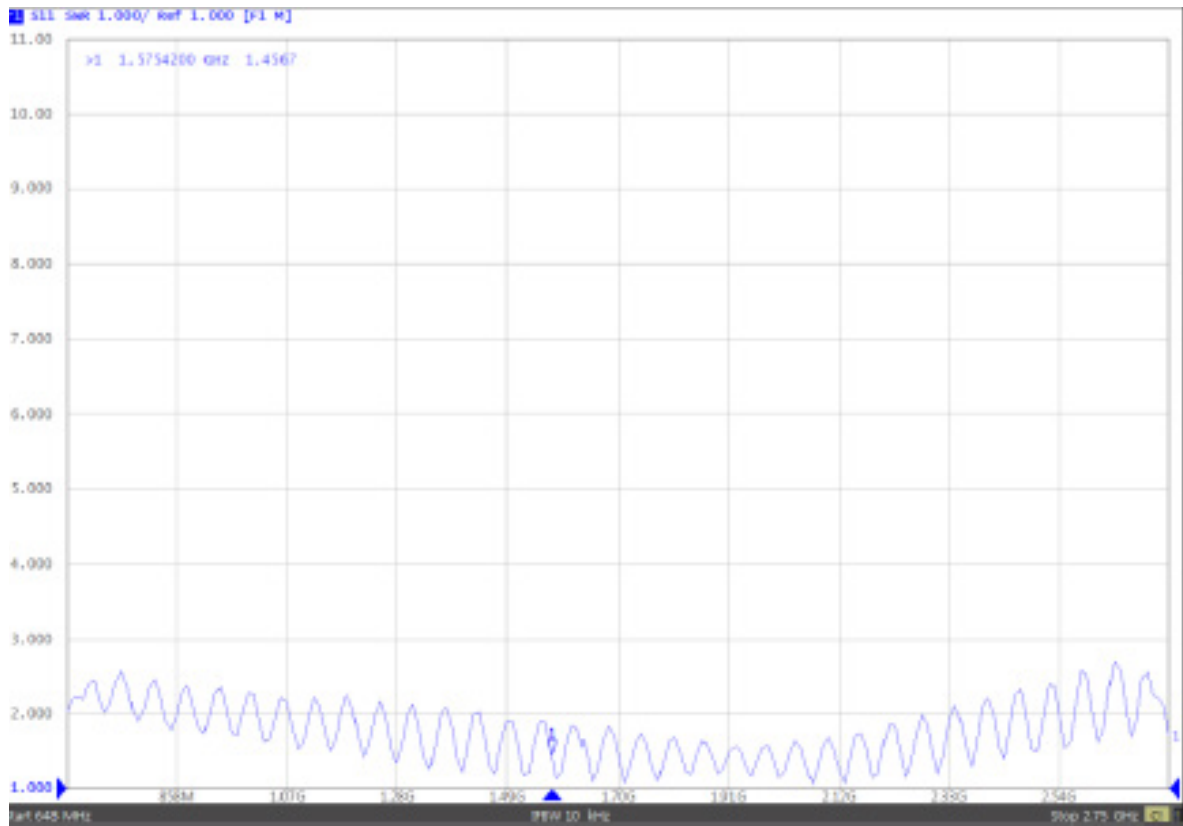


Specifications

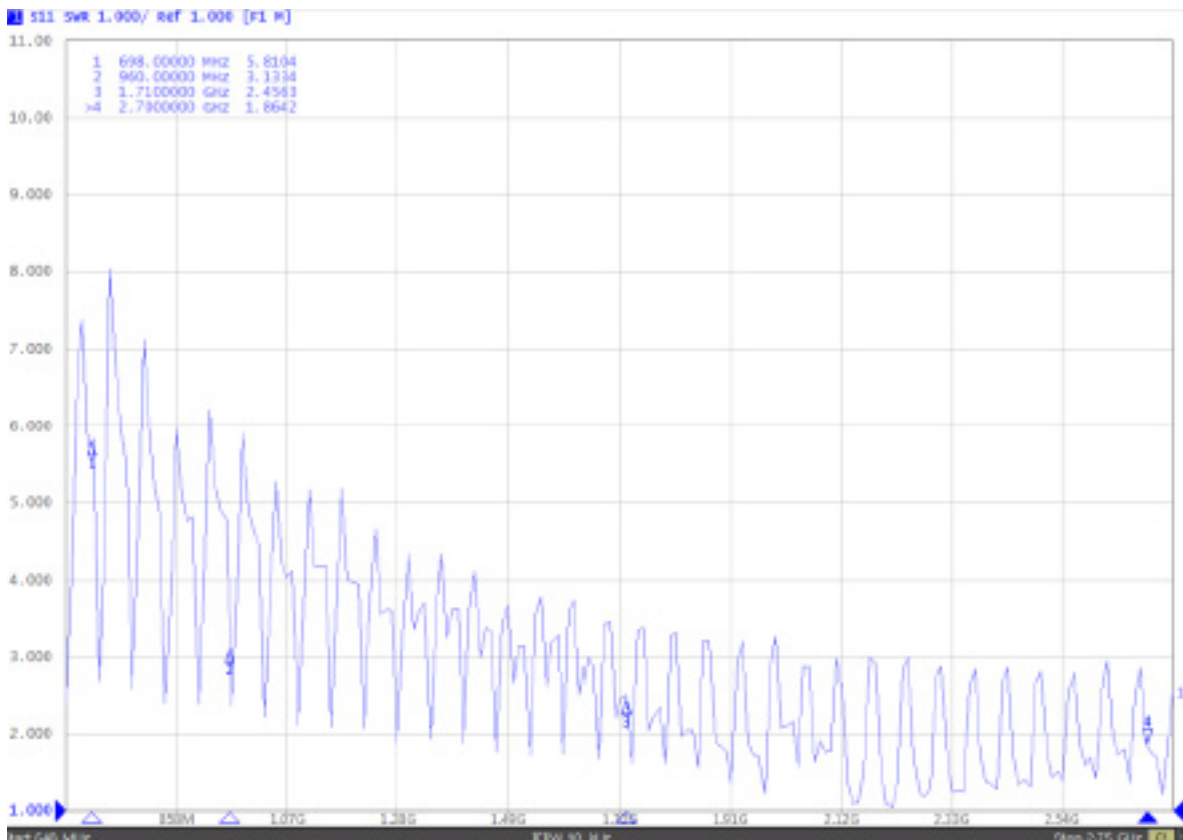
Electrical		
GPS Part:	Dielectric Antenna	
	Frequency Range	1575.42MHz±3 MHz
	Polarization Type	RHCP
	Gain	5dBi
	V.S.W.R	<1.5
	Impedance	50Ω
	LNA	
	LNA Gain	28±2dB Typical
	Noise Figure	1.5dB
	Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
	V.S.W.R	<2.0
	Voltage	2.7/3.0/3.3/5.0/3.0 to 5.0 etc.
	Current Consumption(mA)	11 Max
LTE Part:	Frequency range	698-960/1710-2700MHz
	V.S.W.R	<2.0
	Gain	3dBi
	Polarization	Linear
	Impedance	50Ω
WIFI Part:	Frequency range	2.4/5GHZ
	V.S.W.R	<2.5
	Gain	3dBi
	Polarization	Linear
	Impedance	50Ω
Mechanical		
Housing	Black	
Cable	3xRG174	
Length	3x3/5M or can be customization	
Connector	3xSMA Male or can be customization	
Environmental		
Working Temp	-40°C~+80°C	
Humidity	55%-75%RH	
Waterproof	IP67	
Antenna Radome Material	ABS	
Mount way	Screw or Screw&Adhesive	
Antenna Dimension	Φ143.6x65mm	
Weight	1.2KG	

V.S.W.R

1)GPS



2)LTE



3)Wi-Fi

