

# Canopii GPS/Cellular LTE/ Wi-Fi Multi screw antenna

## Order information

Article code: CA-Multi-ANT

## Description

The antenna is a five port antenna with two elements designed to cover the 698-960 and 1710-2700MHz cellular bands, two elements designed to cover the 2.4-2.5 and 4.9-5.85 GHz WLAN bands and one GPS element. The antenna can be mounted on the roof of a vehicle or fixed structure. The antenna meets or exceeds a variety of environmental ruggedization specifications for transportation applications. This antenna is an omni-directional heavy-duty, fully IP67 waterproof external M2M antenna for use in telematics, transportation and remote monitoring applications. The antenna has its own ground-plane and can radiate on any mounting environment like metal or plastic without affecting performance. The cables are low loss allowing for lengths of up to 10 meters , critical for buses, trains and other commercial transport applications. Customized cables and connector version available.

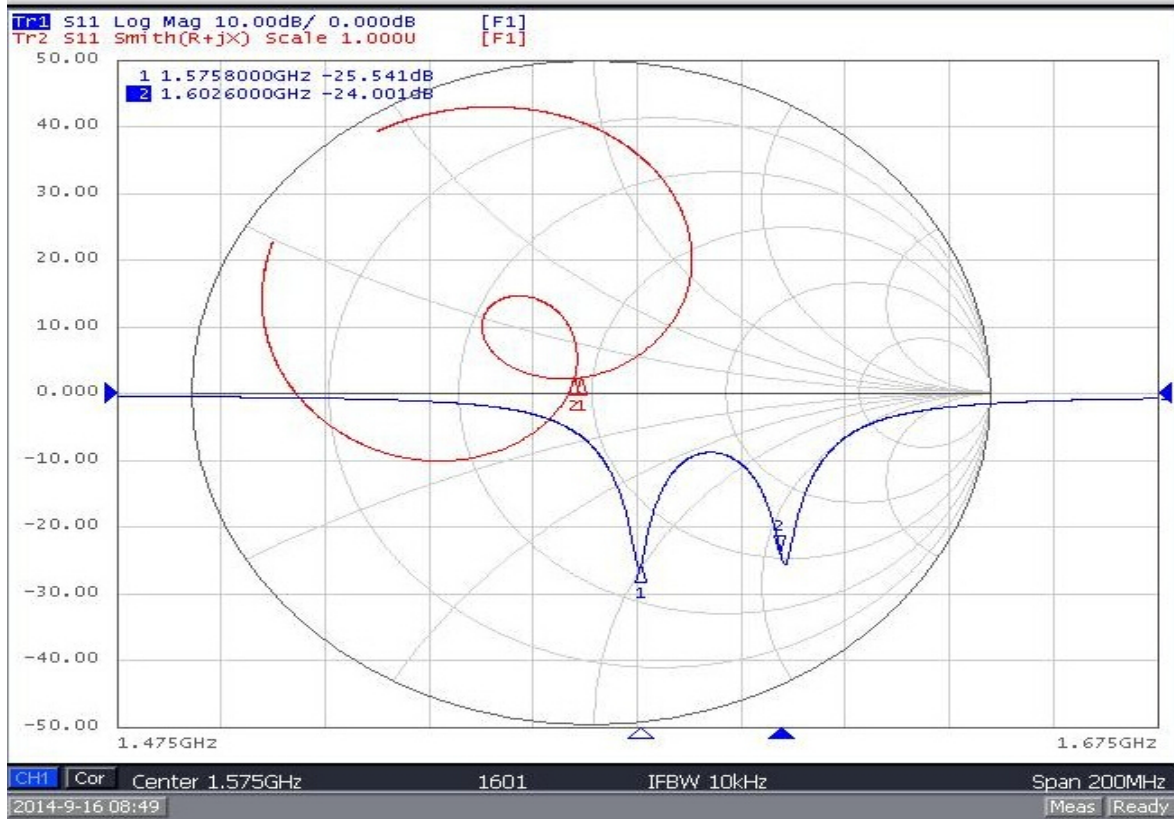


## Specifications

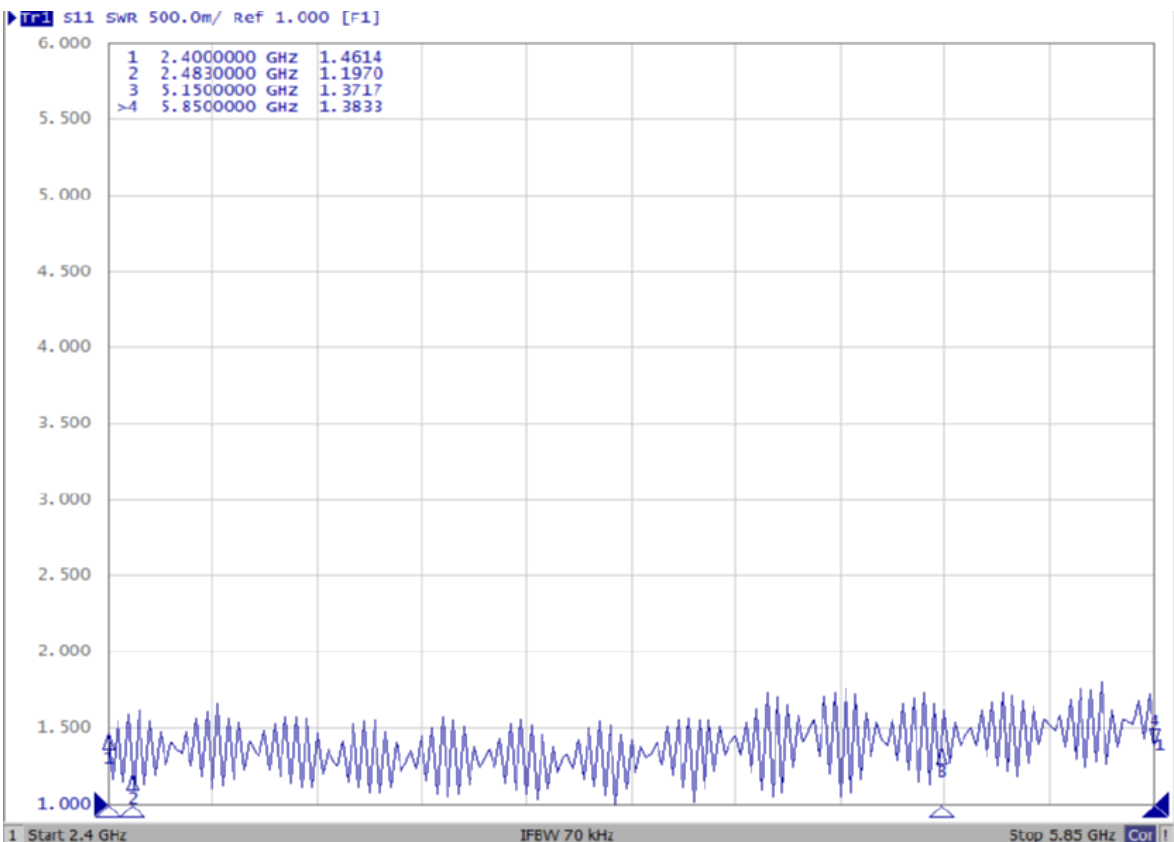
Electrical	
<b>GPS(GLONASS) Part:</b>	
Frequency Range	1575.42MHz±3 MHz/1602-1610MHz
Polarization Type	RHCP
Impedance	50Ω
LNA Gain	28±2dB Typical
Noise Figure	3-3.5dB
V.S.W.R	<2.0
DC Voltage	2.2-5.0V
DC current	5-15mA
<b>WIFI Part:</b>	
Frequency range	2400-2500MHz,4900-5850MHz
V.S.W.R	<2.0
Gain	6/8dBi
Polarization	Linear
Impedance	50Ω
<b>LTE Part:</b>	
Frequency range	698-960MHz, 1710-2170MHz,2300-2700MHz,2900-3800MHz
V.S.W.R	3Max
Gain	3/5/6/7dBi
Polarization	Vertical
Impedance	50Ω
Mechanical	
Housing	Black
Cable	GPS:RG174
Length	3m standard ,fully customizable
Connector	SMA(M) standard,fully customizable
Operation Temperature	-40℃→+85℃
Humidity	65%-95%RH
Waterproof	IP67
Antenna Radome Material	ABS
Mount way	Screw
Antenna Dimension	Φ143.5×80mm
Weight	1.2KG

V.S.W.R

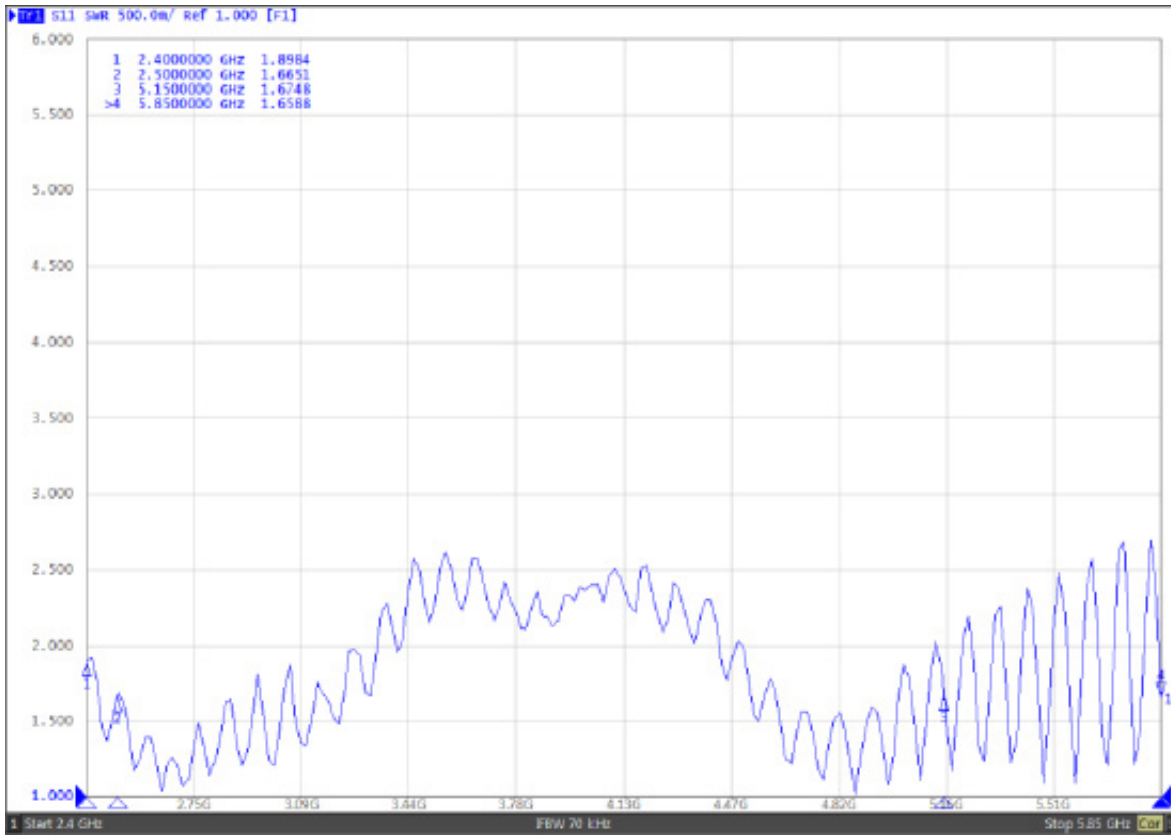
1)GPS



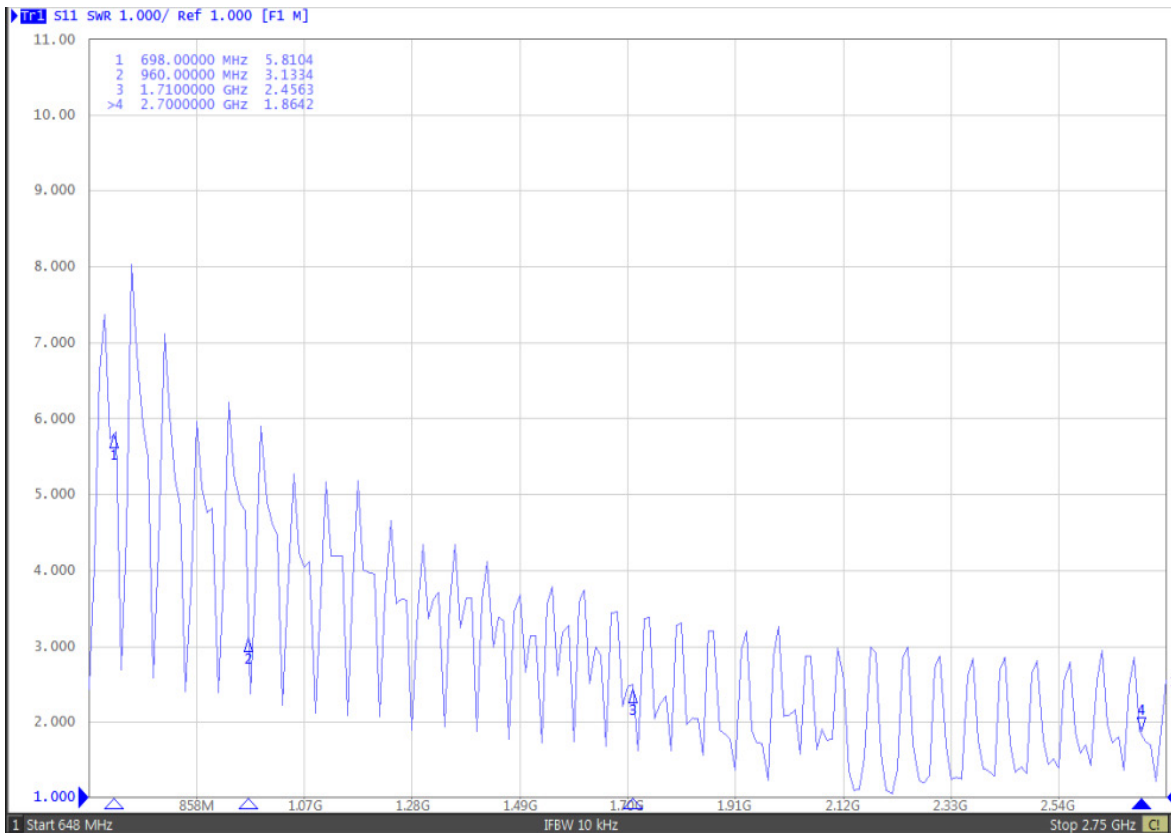
2)Wi-Fi 1



3)Wi-Fi 2



4)LTE 1



5) LTE 2

