



LTE-E-058

GPS/GNSS+GSM/3G/4G/LTE+WIFI
Combination Antenna

AUTHORIZED TELIT
DISTRIBUTOR

DATASHEET



1 Part Number

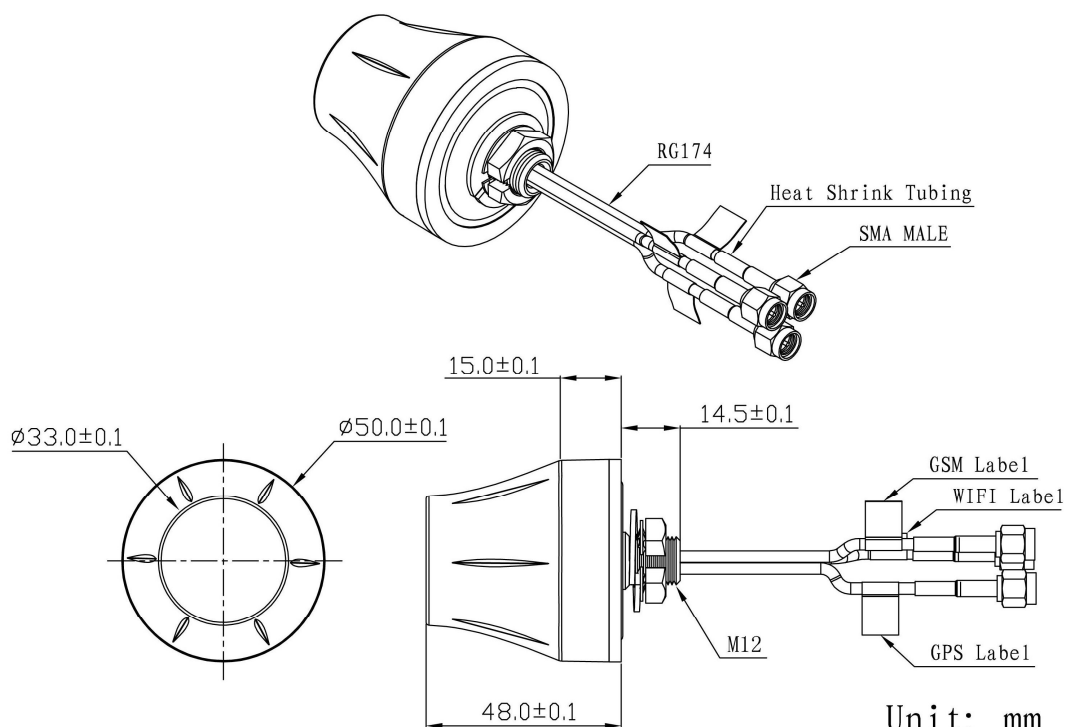
LTE E 058

Serial Number

E: GPS/GNSS+GSM/3G/4G/LTE+WIFI

LTE:Lte Electronic Co.

2 Dimension Unit mm



Item		Specifications	
GPS/GLONASS Antenna	Dielectric Antenna	Center Frequency	1575.42±1MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	5dBic Zenith
		V.S.W.R	1.5
		Impedance	50Ω
		Axial Ratio	3dB max
	LNA	Gain	28±2dB
		Noise Figure	1.5
		Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
		V.S.W.R	2.0
		Supply Voltage	2.2~5V DC
		Current Consumption	5~15mA
		GSM/3G/4G/LTE Antenna	Frequency Range
V.S.W.R	3.0		
Polarization	Linear		
Gain	2dBi		
Impedance	50Ω		
WIFI Antenna	Frequency Range	2400~2483.5MHz	
	Band Width	83.5MHz	
	Polarization	Linear	
	Gain	3dBi	
	Impedance	50Ω	
	V.S.W.R	<2.0	

Mechanical

Cable

Rg174

Connector

SMA/MCX/FAKRA or others

Radome Material

ABS

Mounting Method

Screw

Environmental

Operating Temperature

-40°C~+85°C

Relative Humidity

Up to 95%

Vibration

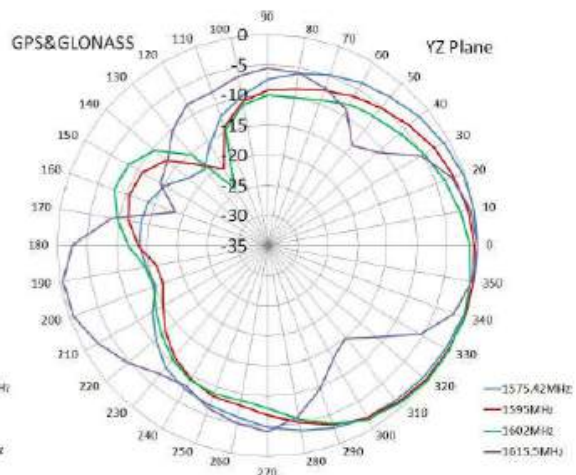
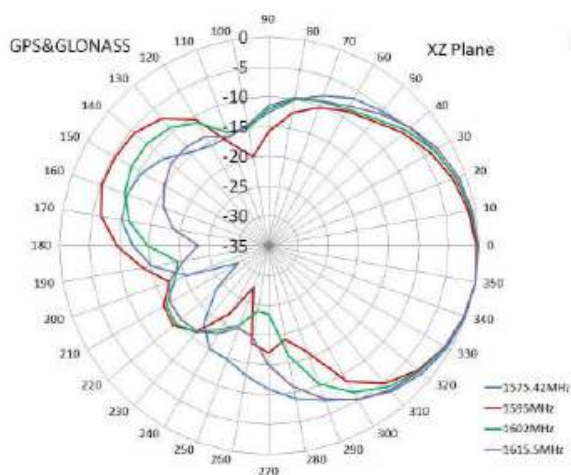
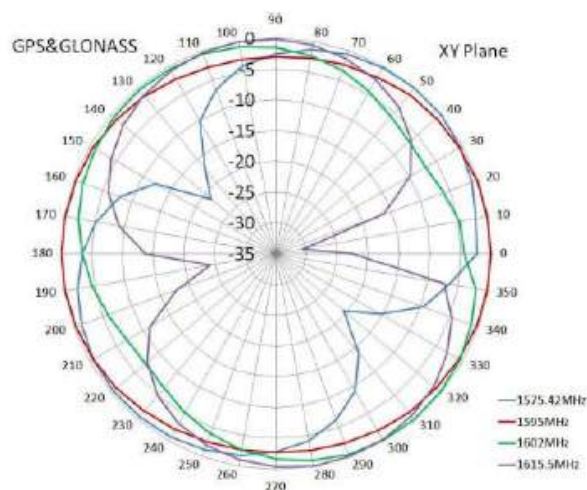
10 to 55Hz with 1.5mm amplitude 2hours

Environmentally Friendly

ROHS Compliant

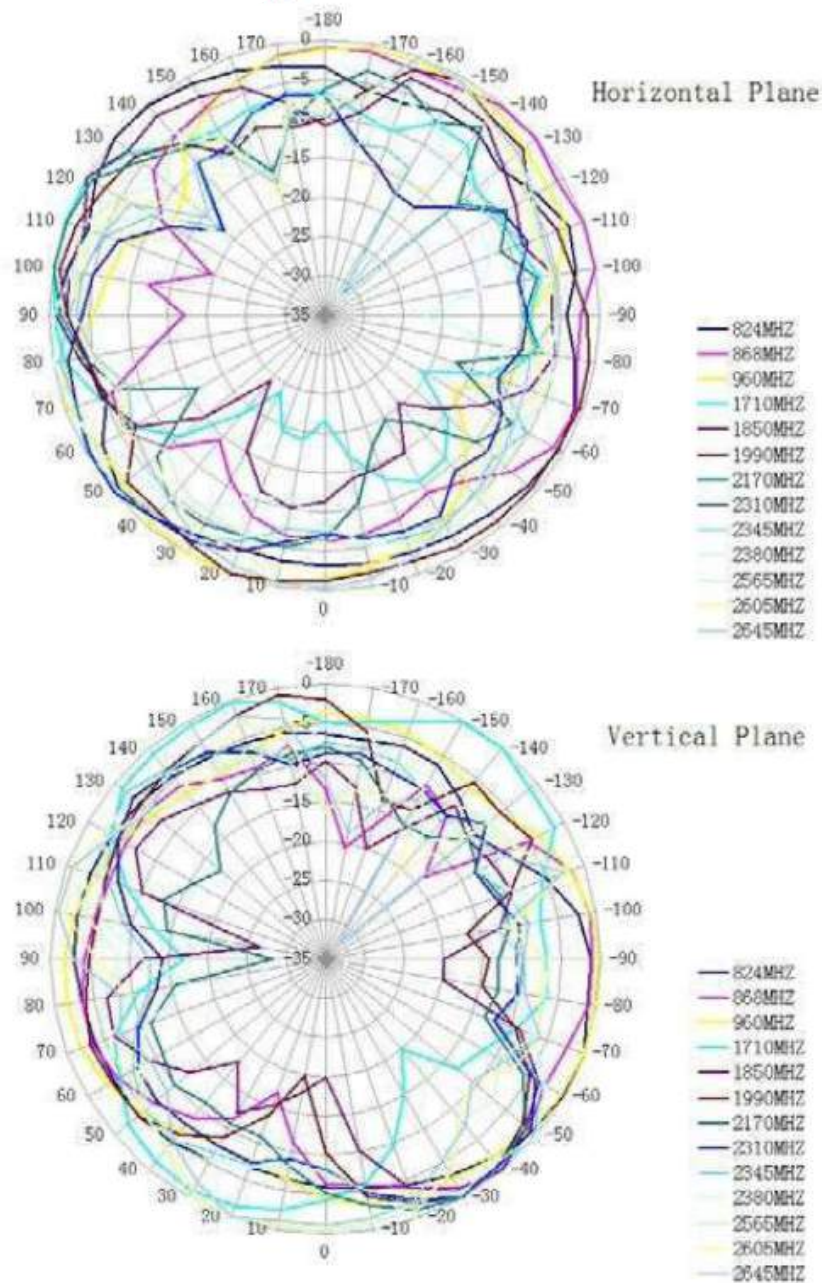
Radiation Pattern

GPS/GLONASS Antenna



Radiation Pattern

GSM/3G/4GLTE Antenna



Radiation Pattern

WIFI Antenna

