
OUTLINE

18.5mm Internal GPS Antenna

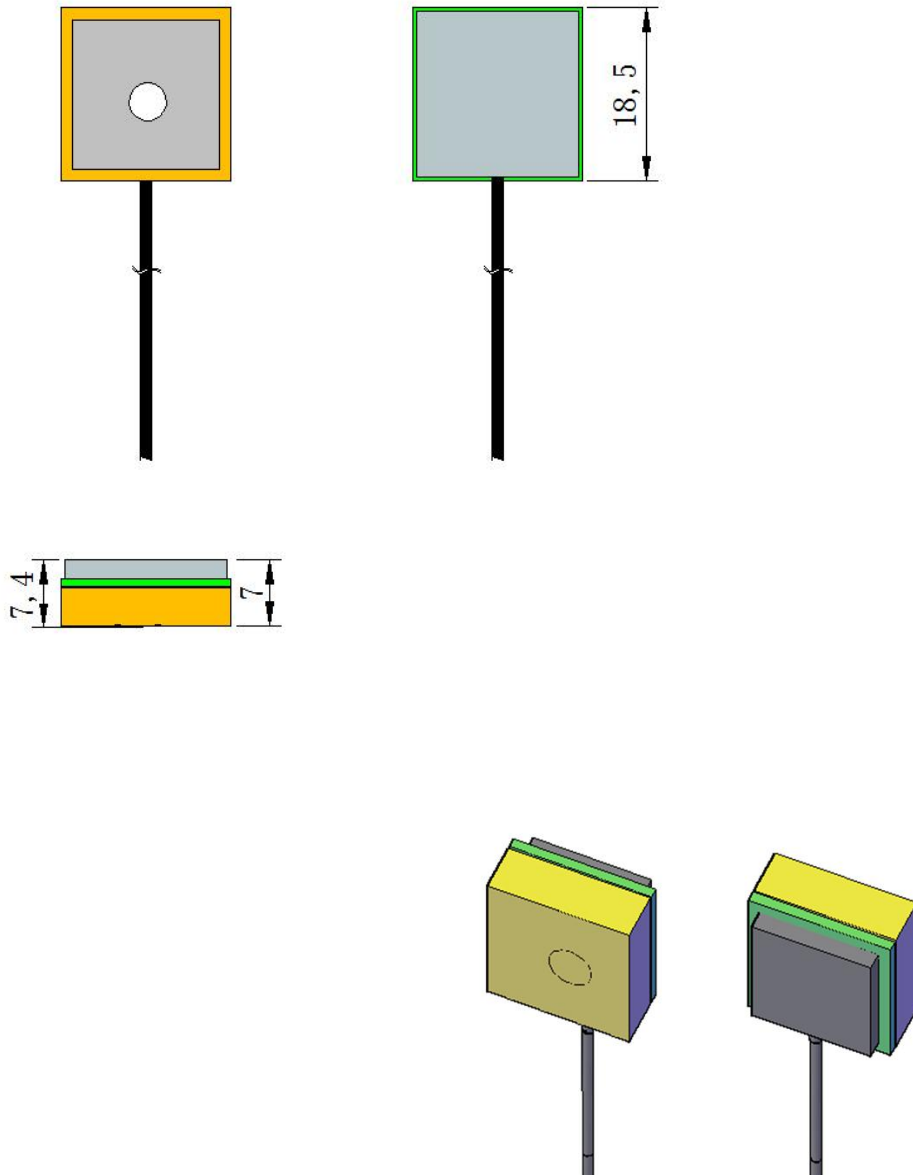
GL-DY048(A)



FEATURES

1. Size (18.5mm*18.5mm*7mm).
2. RG316 5m silver cable.
3. QMA connector.
4. Active antenna.

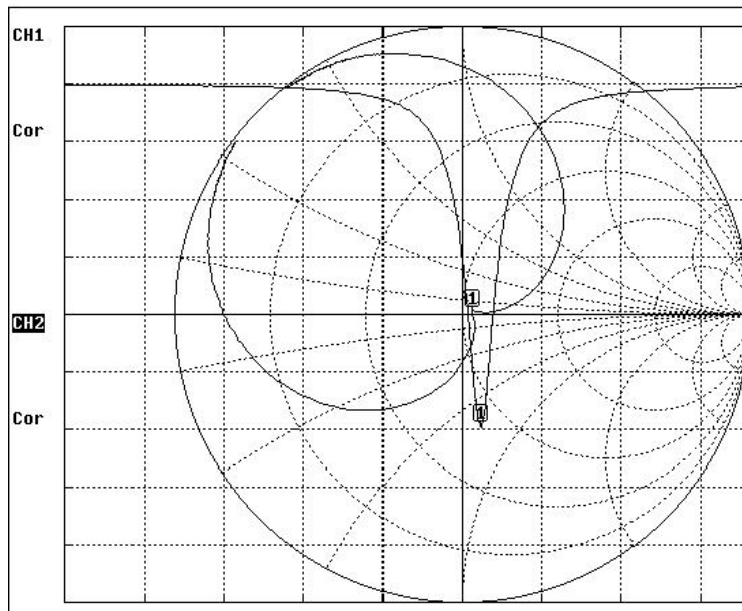
Dimension(Unit:mm)



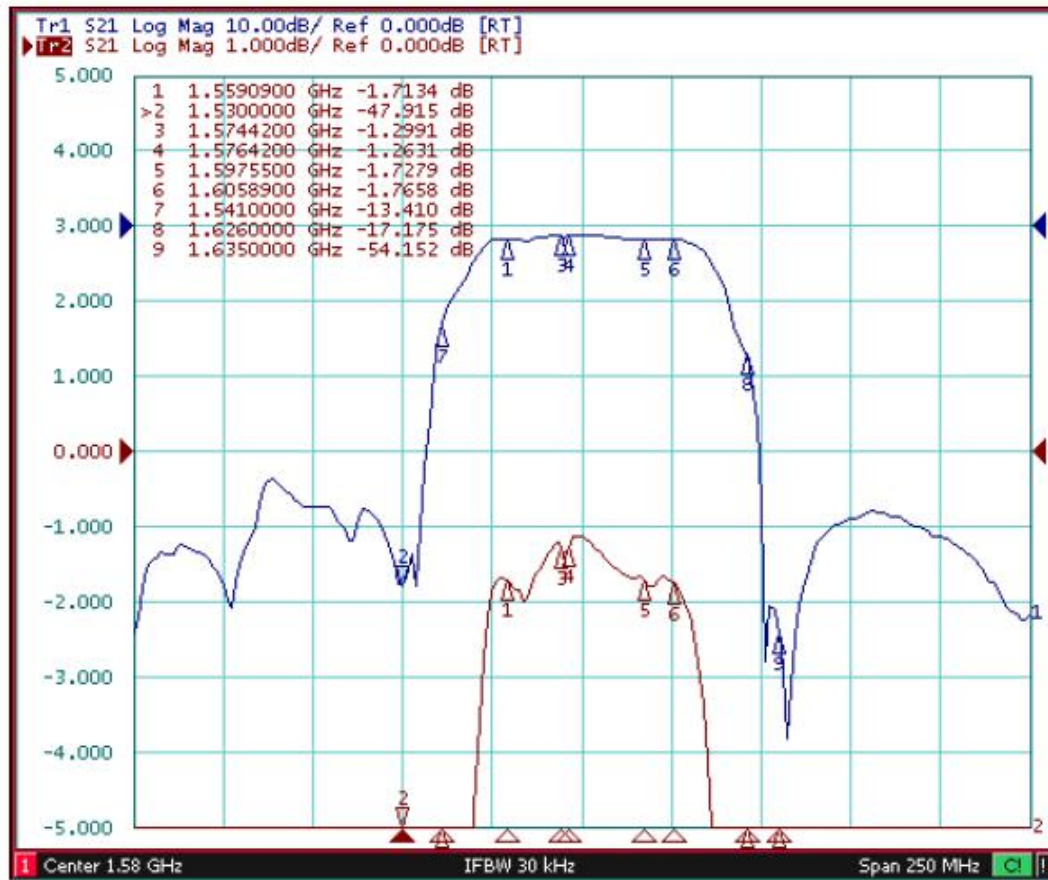
SPECIFICATIONS

	Item	Specifications
Dielectric	Reception frequency	1575.42MHz
	Bandwidth	±5MHz
	Reception polarization	RHCP
	Gain	2dBic
	Output impedance	50Ω
Amplifier	Gain	28±2dB
	Noise Figure	<1.5
	Filter Out Band Attenuation	30dB Min f0±30MHz 50dB Min f0±50MHz
	VSWR	<1.5
	DC current	<12mA
Overall	Cable	RG316
	Antenna weight	90g
	Power supply voltage	2.4V to 5.0V
	Working temp	-30°C~85°C

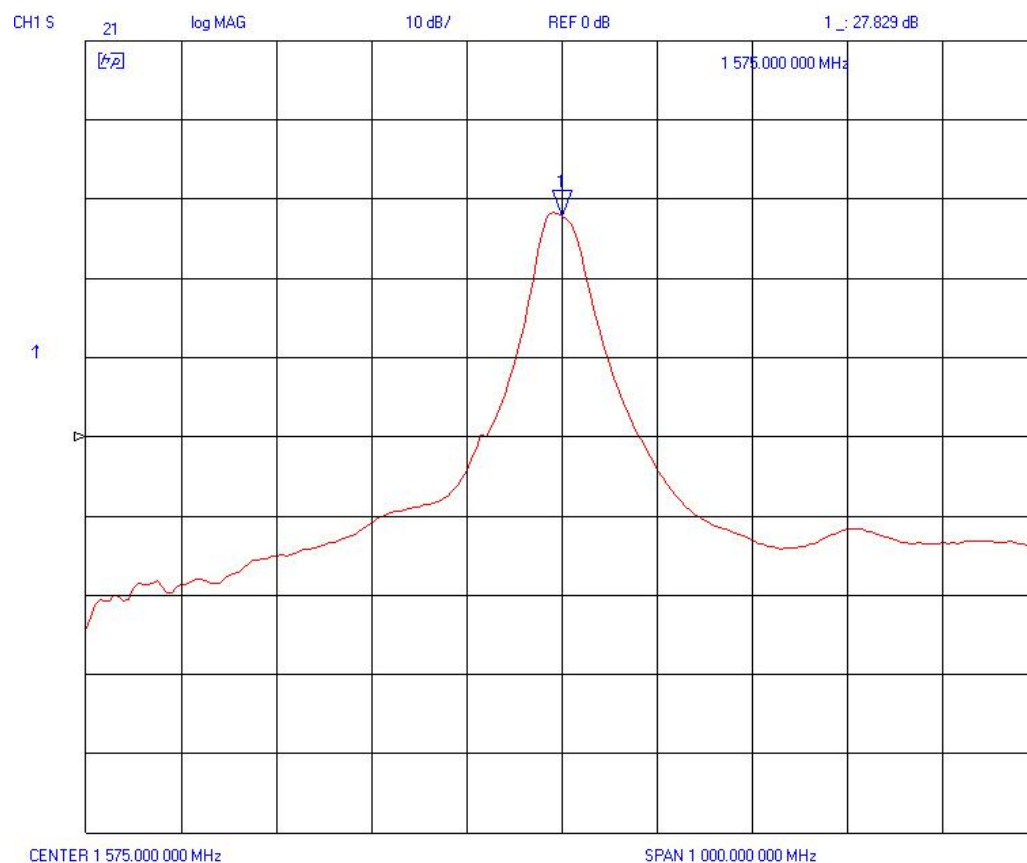
Impedance Characteristic(1575MHz)



Filter Attenuation



Amplifier



Radiation Pattern

