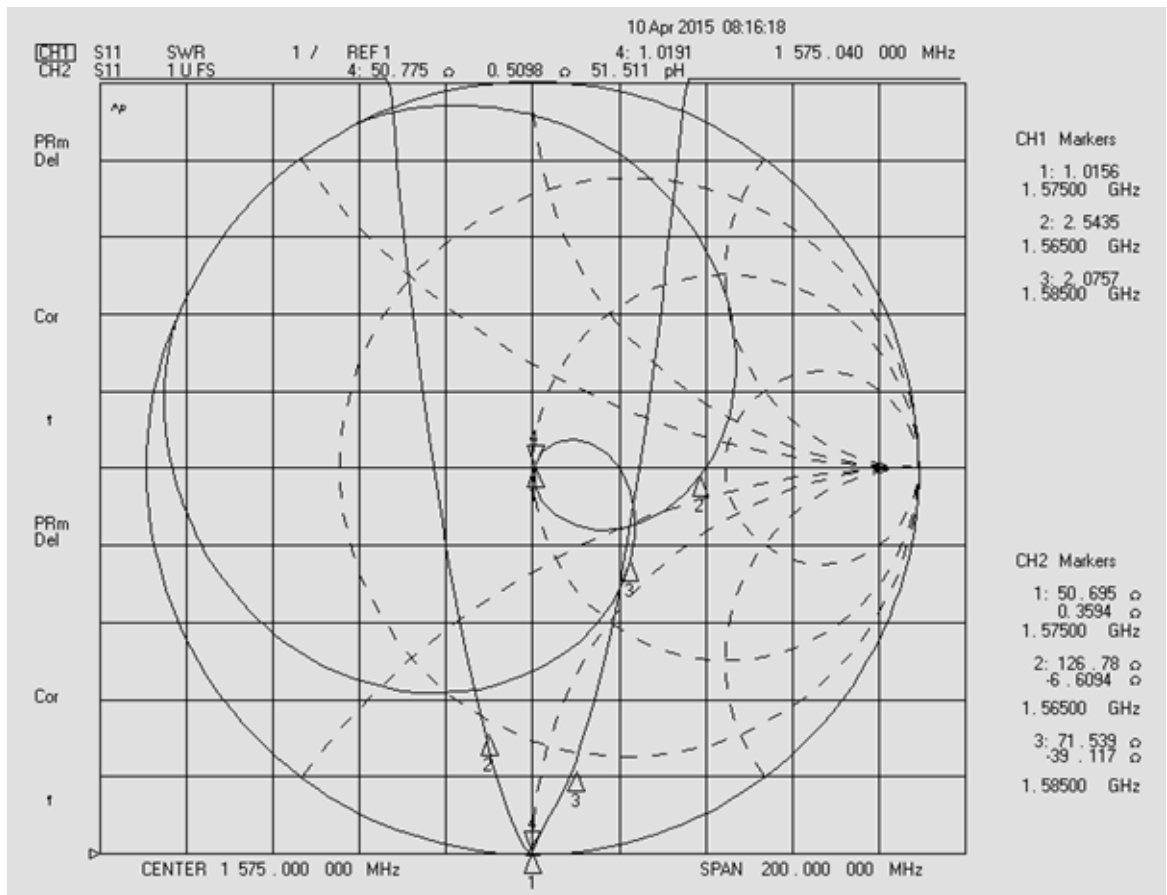


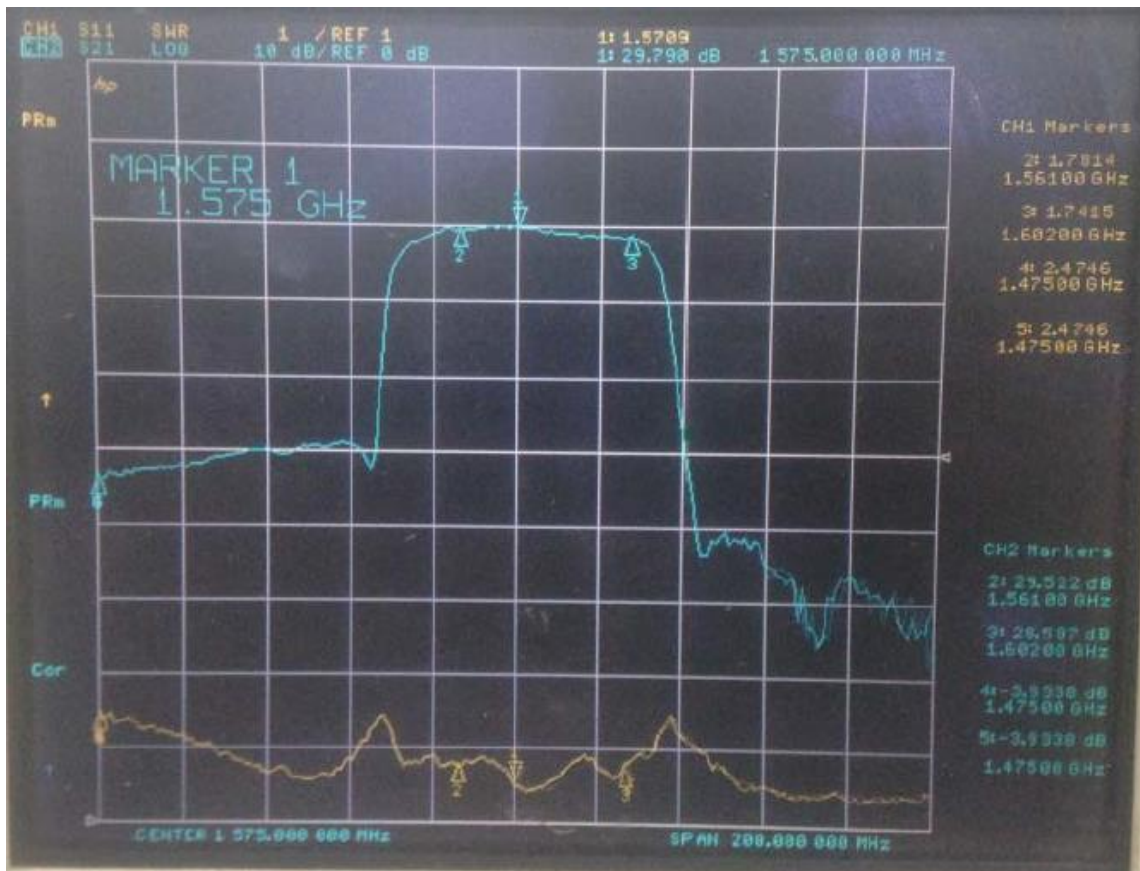
GPS antenna technology details

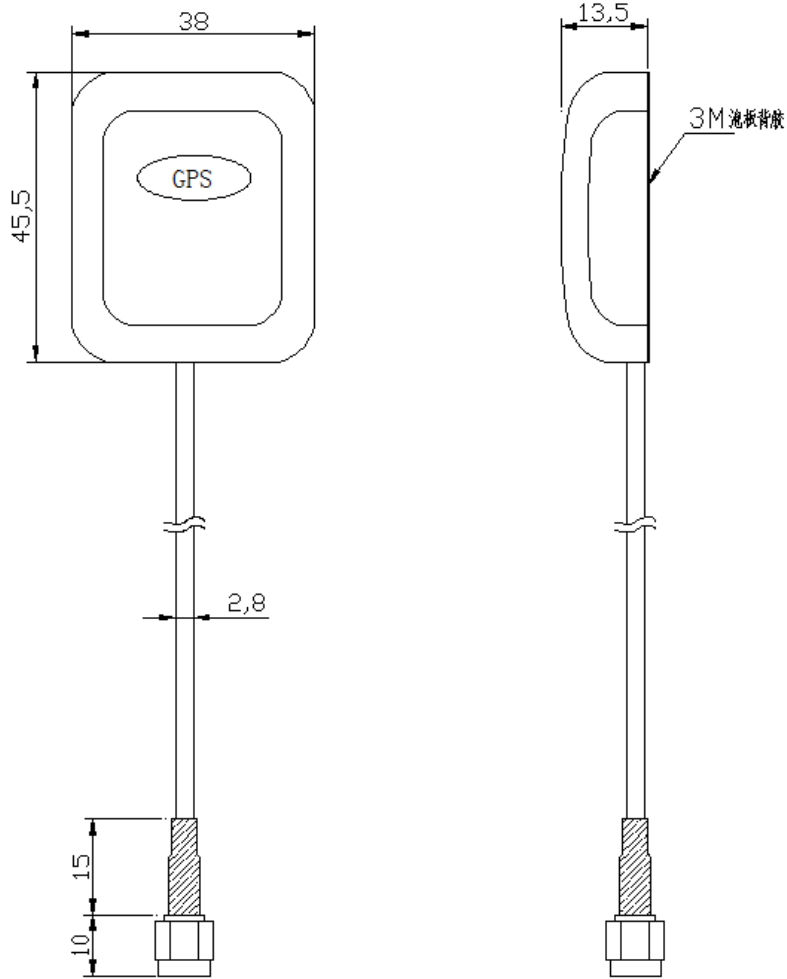
Description	ATL-G1575
Center Frequency	1575.42 ± 4MHz
Gain	3.5dBi
Horizontal coverage Angle	360°
Output VSWR	1.5 maximum
Polarization	Right Hand Circular Polarization(RHCP)
(Impedance)	50Ω
Antenna axis	≤5dB
10dB 带宽(Band Width)	±10MHz



Description	
Frequency	1575 ± 5 MHz
Gain	28 ± 2 dB (LNA Gain)
Passband Ripple	1575.42M ± 1.023MHz : < 1dB (仅 LNA)
1dB compression point output	> -15dBm (LNA)
Noise figure	1.8dB typ (LNA)
100MHz	> 35dBc (LNA)
Output VSWR	≤ 2:1
Output impedance	50 Ω
Prime power	1.8-3.5V
Power consumption	≤ 5mA

Operational Temperature	-25°C ~ +75°C
Storage Temperature	-40°C ~ +85°C
Humidity	40% ~ 95%





Size	45.5*38*13.5
Waterproof	100%
Cable & Length	RG174/2M or customized
Connector	SMA or customized





GPS ANTENNA

Frequency: 1575.42MHZ

Voltage: 2.7-5.0V