

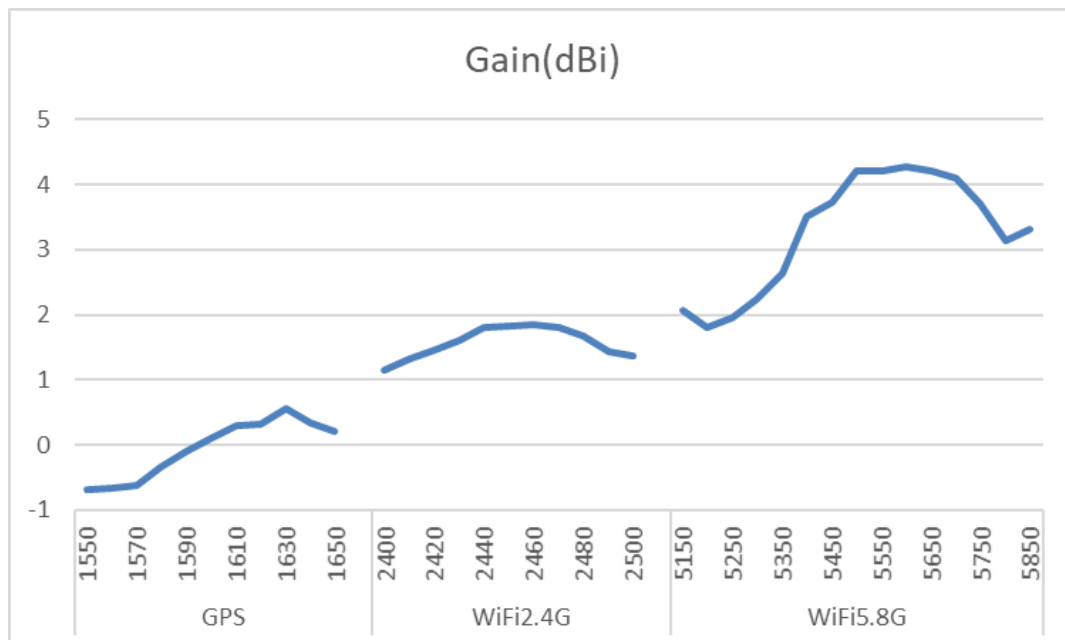
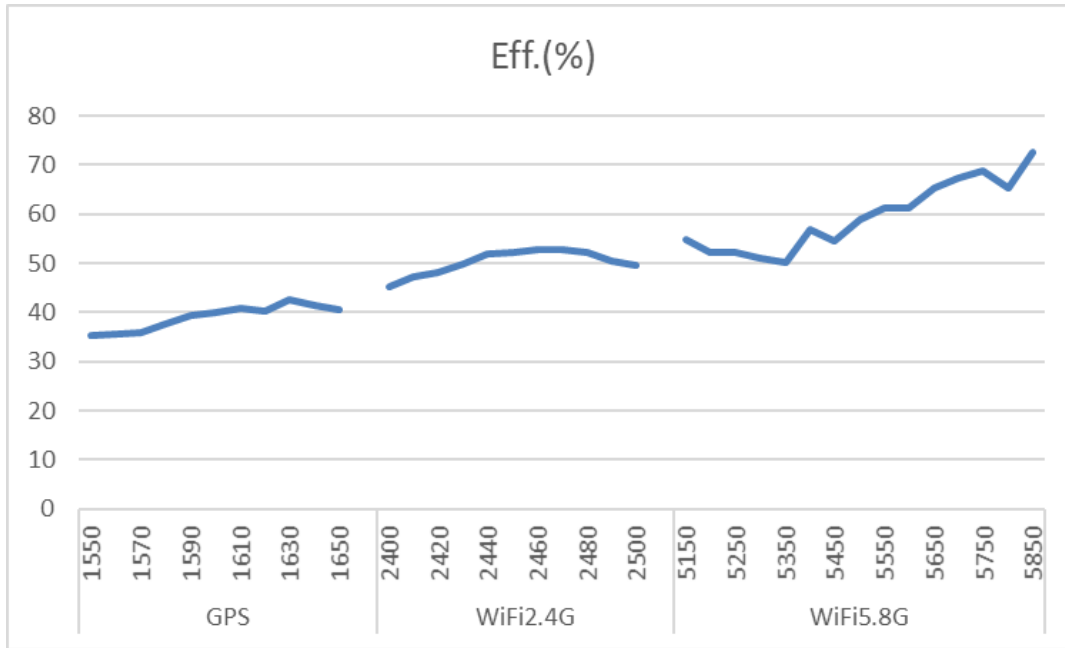
## GNSS & Dual-Band Wi-Fi Flexible PCB Antenna

- Embedded flexible PCB antenna
- Technology:GPS L1/Beidou L1,Dual- band Wi-Fi
- Cables and connector, fully customizable
- Applications in M2M equipment, medical devices, smart mobile device, etc.

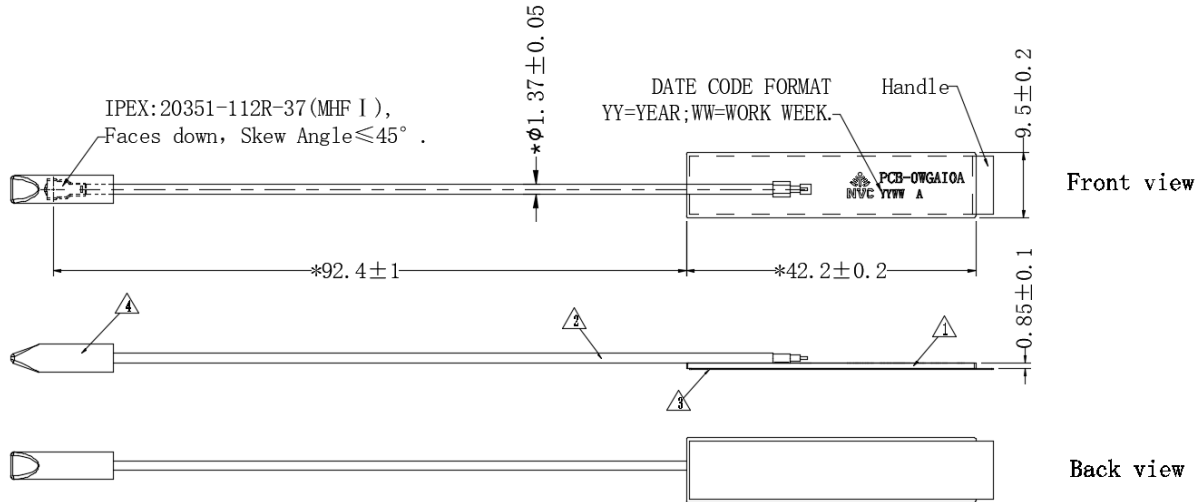


Item	Performance Specifications		
Center Frequency	1575MHz	2450MHz	5550MHz
Efficiency (%)	>35	>45	>50
Peak Gain (dBi)	0.55	1.85	4.27
V.S.W.R	<1.5		
Cable	RF1.37, fully customized		
Connector	IPEX, fully customized		
Mounting Method	Adhesive, fully customized		
Operating Temperature	-40°C~+85°C		
Relative Humidity	Up to 95%		
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours		
Environmentally Friendly	ROHS compliant		

## Antenna Efficiency and Gain Test Data



## Antenna Mechanical Drawing



4	66-FPC-00WAI0A01	RF plug protector: $\Phi 3 * L15$	1
3	44-PCB-OWGAI0A01	Adhesive: 3M467MP.	1
2	41-PCB-OWGAI0A01	PCB-OWGAI0A-Cable-Black- $\Phi 1.37$ -IPEX1	1
1	40-PCB-OWGAI0A01	PCB-OWGAI0A-PCB-Black-T0.8	1
ITEM	Part NO.	Description	QTY