

# GWN7660E Antenna Specification

Brand Name: GRANDSTREAM

Manufacture: SHENZHEN CHAOLIU NETWORK TECHNOLOGIES CO., LTD

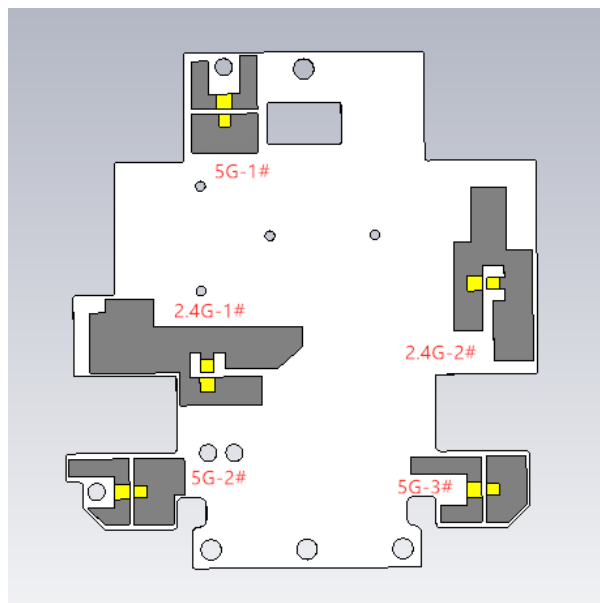
Manufacturing address: 14th Floor, Coolpad Building-C, Coolpad Building, Gaoxin North District, Science Park, Nanshan District, Shenzhen

Product Number (or model Name) : 118-00153-00

## specifications

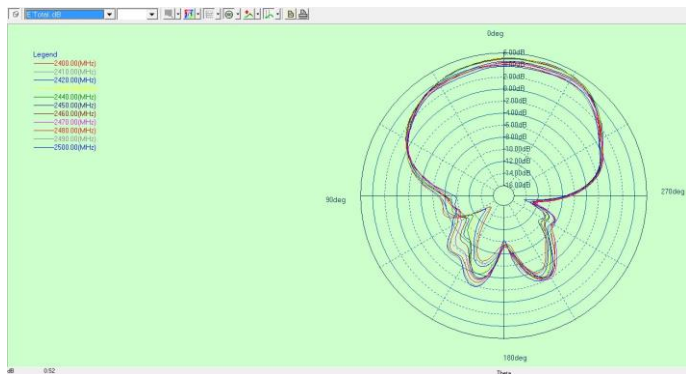
Frequency (MHz)	2.4G: 2400~2500	5G: 5150~5850
VSWR	$\leq 2.0: 1$	
Peak Gain (dBi)	2.4G-1: 4.52 2.4G-2: 4.66	5G-1: 4.76 5G-2: 5.21 5G-3: 5.31
Efficiency (%)	2.4G: $\geq 55$ /5G: $\geq 50$	
Isolation (dB)	$\leq -15$	
Antenna Type	2.4G: PCB Antenna; 5G PCB Antenna	
Max Input Power(Watts)	2	
Polarization	Linear, Horizontal	
Impedance (Ohms)	50	
Operation Temperature	-40°C to 85°C	
Storage Temperature	-40°C to 85°C	
Relative Humidity	40% to 95%	
ROHS Compliant	Yes	

## Antenna assembly position

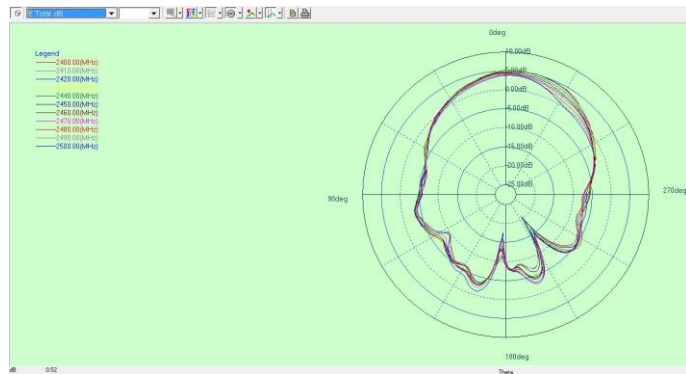


## 2. 4G Radiation Patterns (unit: dB)

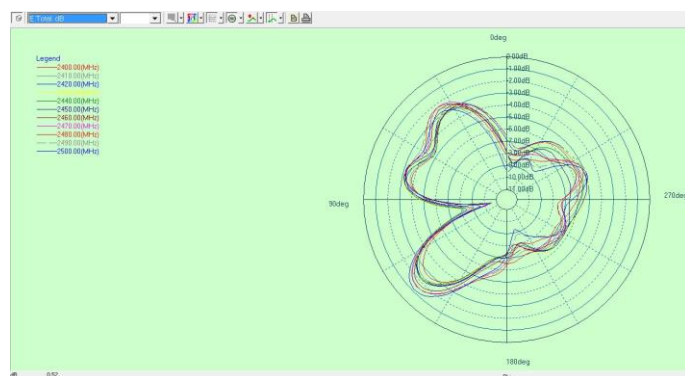
### 2. 4G-1#



Phi=0

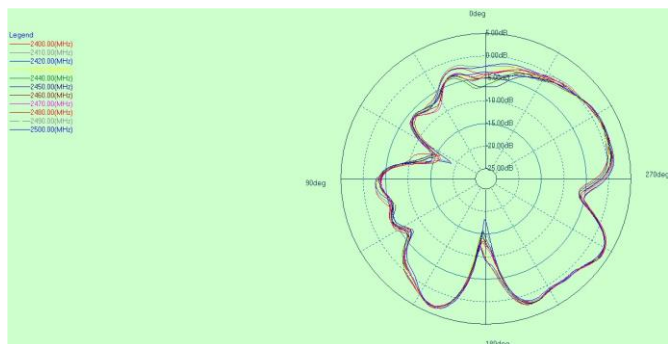


Phi=90

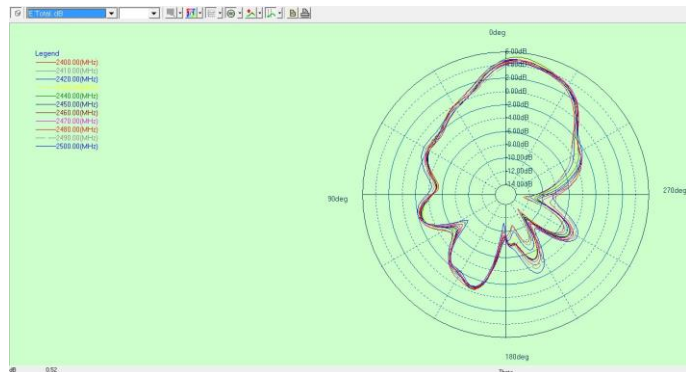


Theta=90

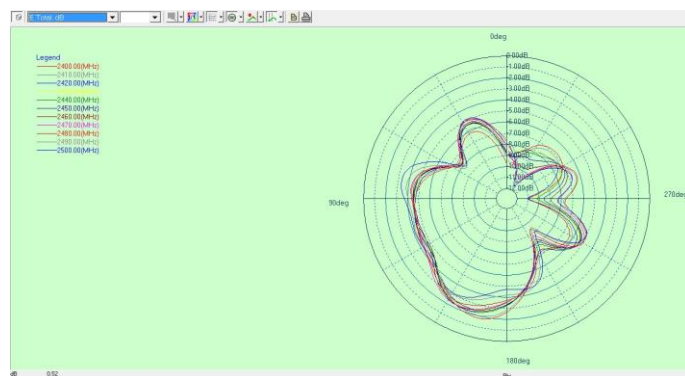
### 2. 4G-2#



Phi=0



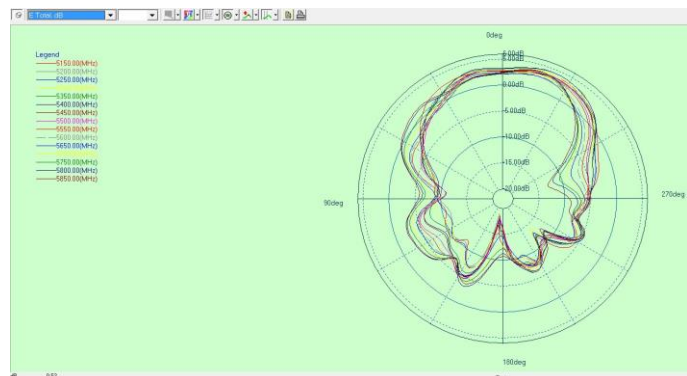
Phi=90



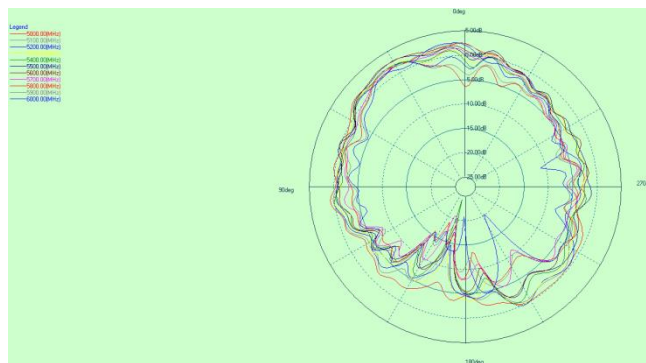
Theta=90

# 5G Radiation Patterns(unit:dB)

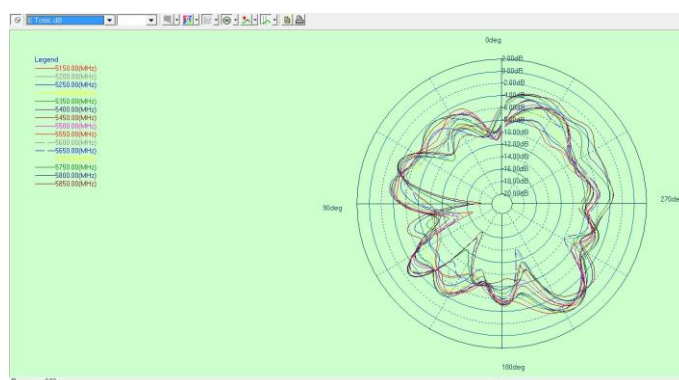
5G-1#



Phi=0

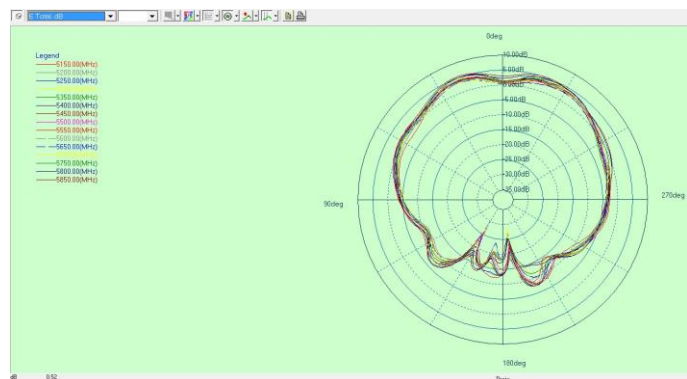


Phi=90

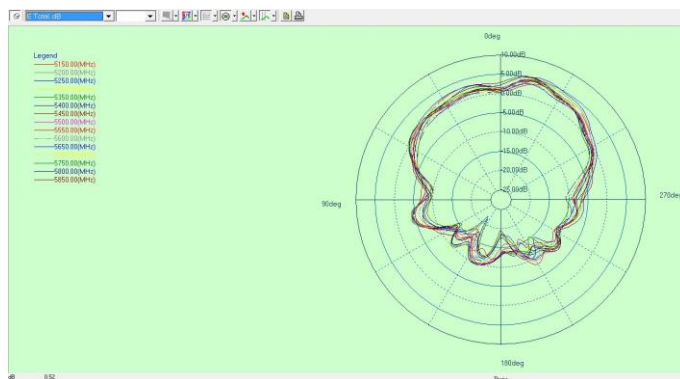


Theta=90

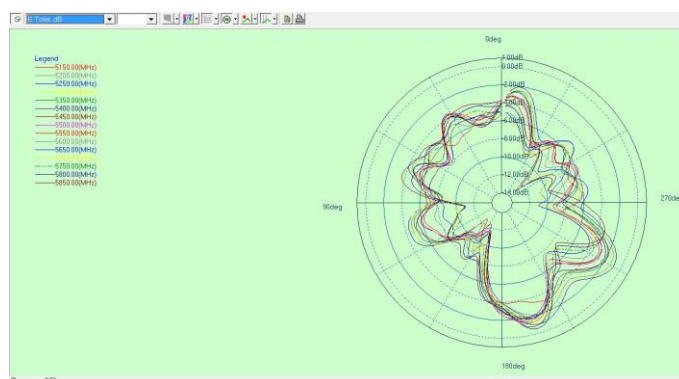
5G-2#



Phi=0

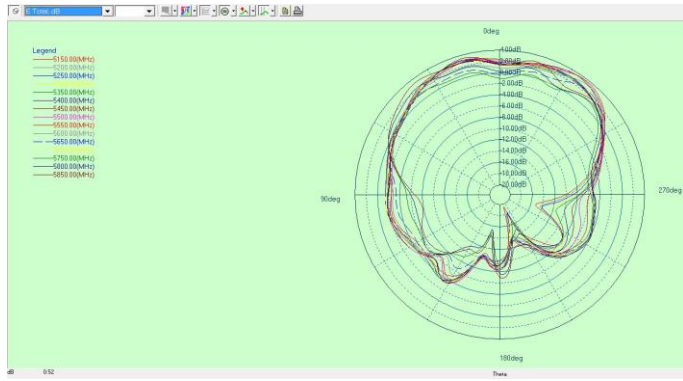


Phi=90

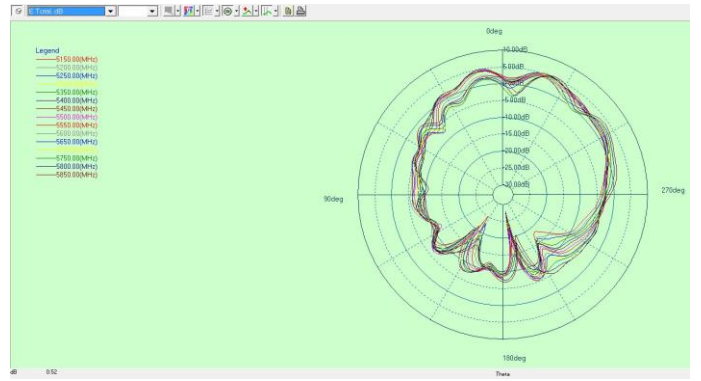


Theta=90

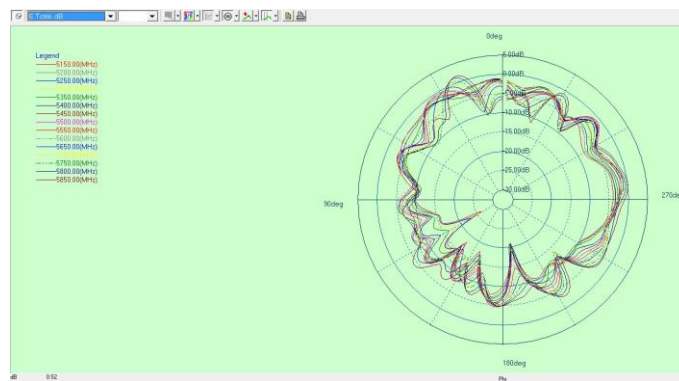
5G-3#



Phi=0

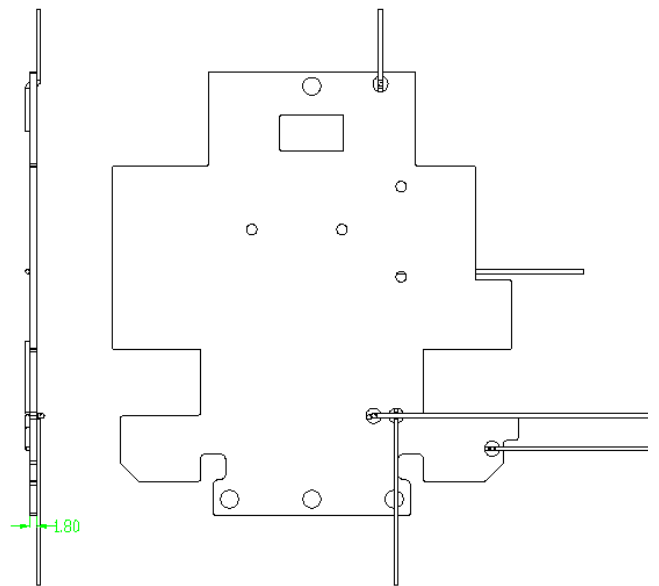
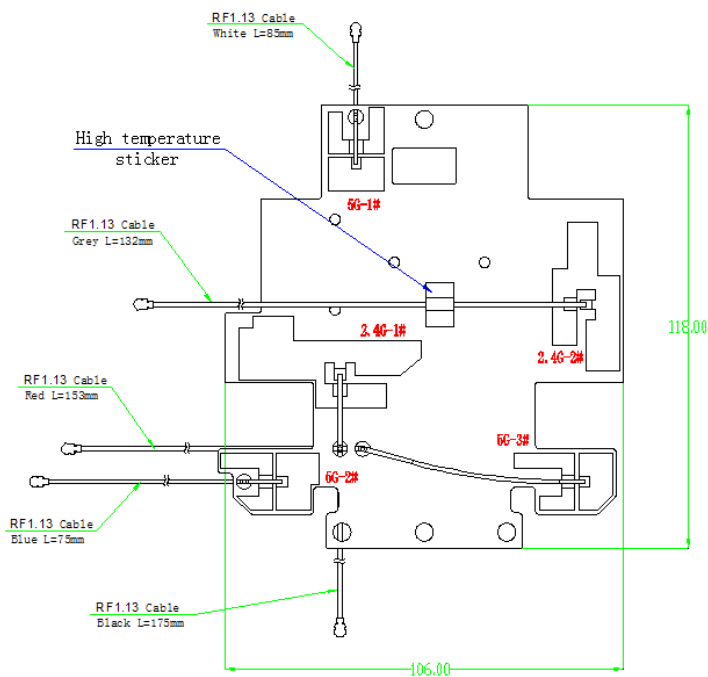


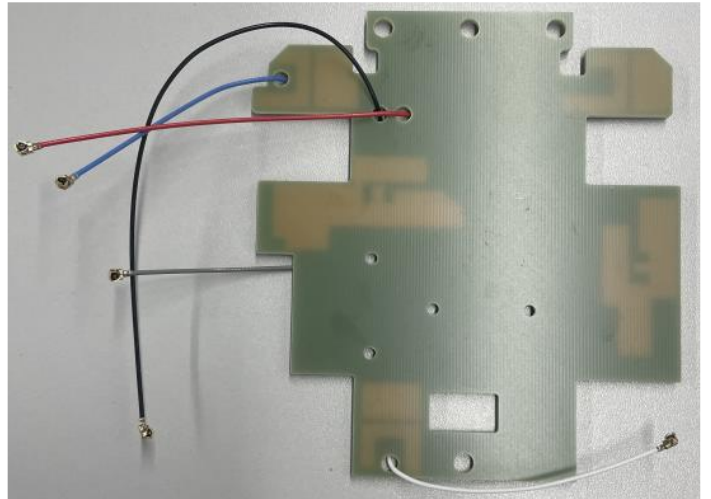
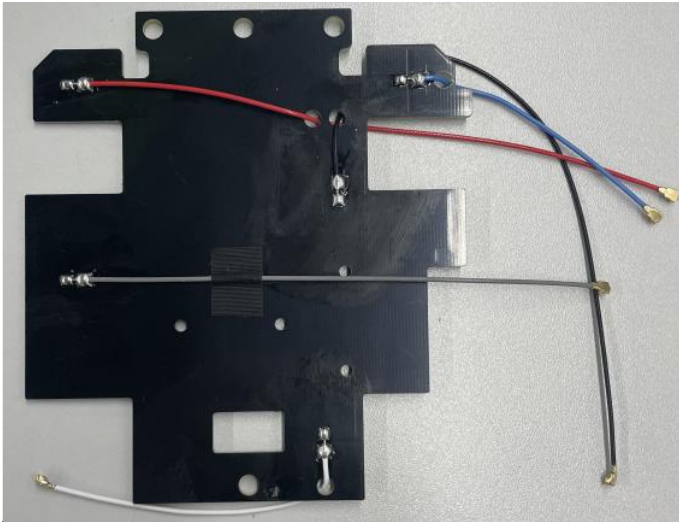
Phi=90



Theta=90

Mechanical Drawing(unit:mm)





**▲ END OF THE SPECIFICATION.**