

GWN7605 Antenna Specification

Brand Name: GRANDSTREAM

Manufacture: SHENZHEN CHAOLIU NETWORK TECHNOLOGIES CO., LTD

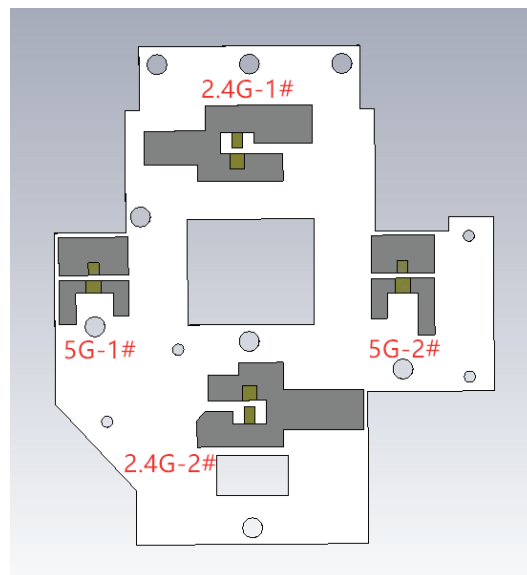
Manufacturing address: 14th Floor, Coolpad Building-C, Coolpad Building, Gaoxin North District, Science Park, Nanshan District, Shenzhen

Product Number (or model Name) : 118-00151-00A-01

specifications

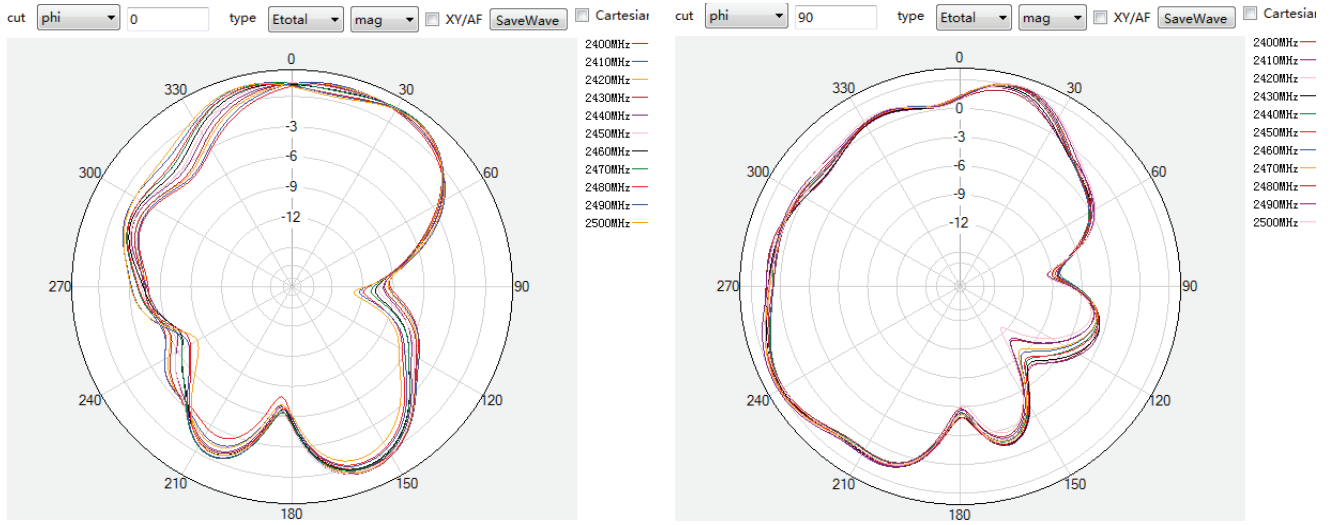
Frequency (MHz)	2.4G: 2400~2500	5G: 5150~5850
VSWR	$\leq 2.0: 1$	
Peak Gain (dBi)	2.4G-1: 3.76 2.4G-2: 3.59	5G-1: 4.22 5G-2: 4.26
Efficiency (%)	2.4G: ≥ 55 /5G: ≥ 50	
Isolation (dB)	≤ -15	
Antenna Type	2.4G: PIFA Antenna; 5G Dipole Antenna	
Max Input Power(Watts)	2	
Polarization	Linear, Horizontal	
Impedance (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



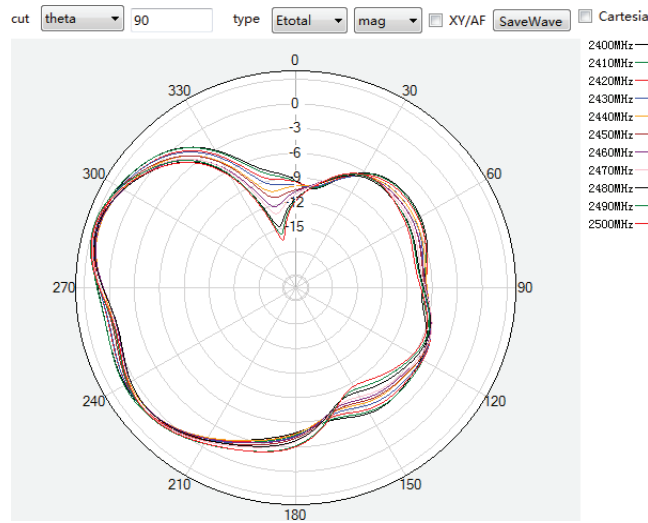
2.4G Radiation Patterns(unit:dB)

2. 4G-1#



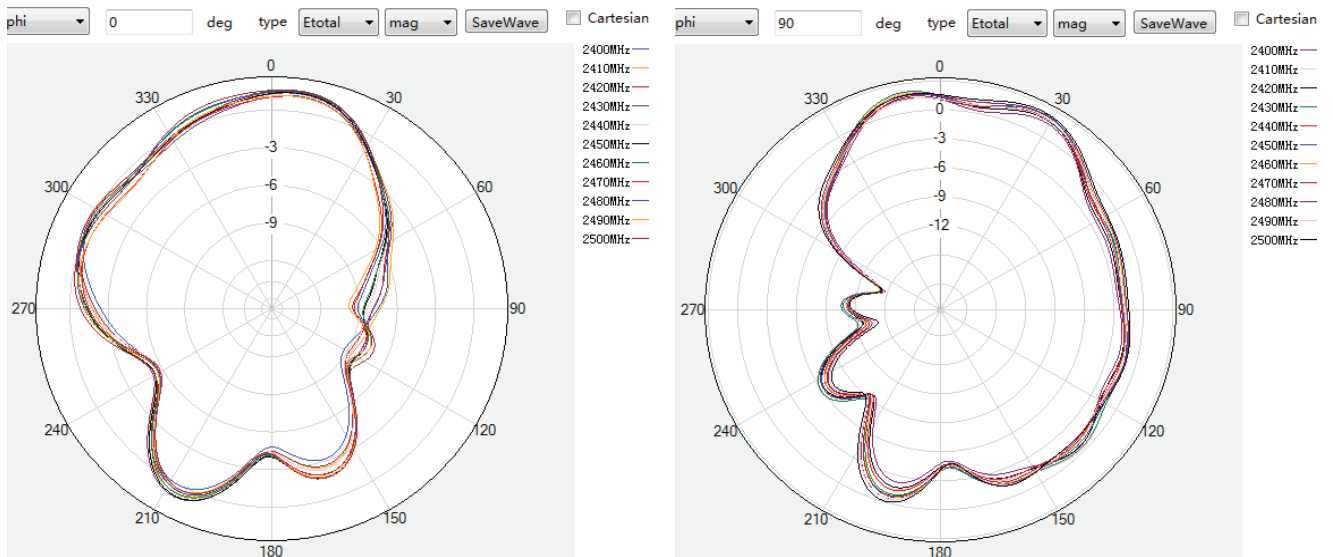
Phi=0

Phi=90



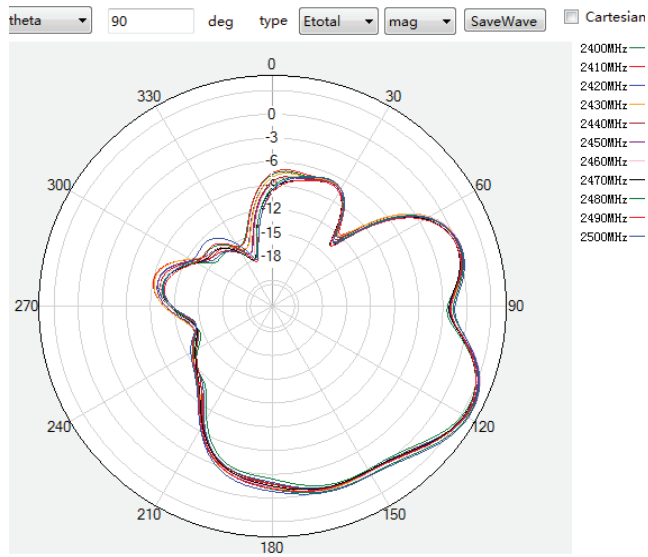
Theta=90

2. 4G-2#



Phi=0

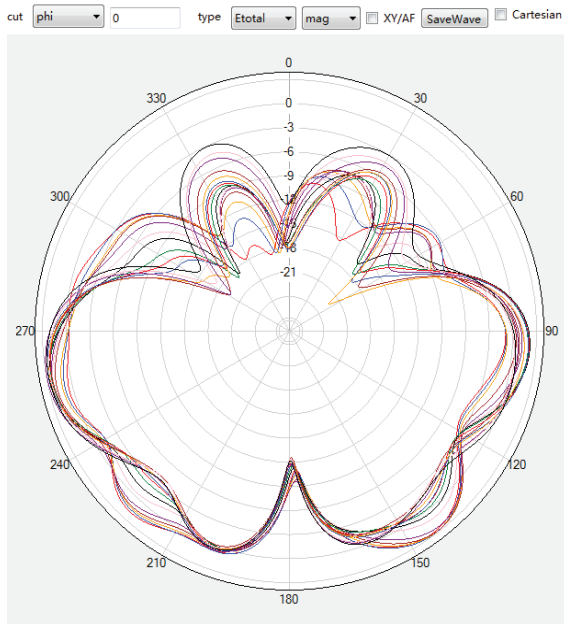
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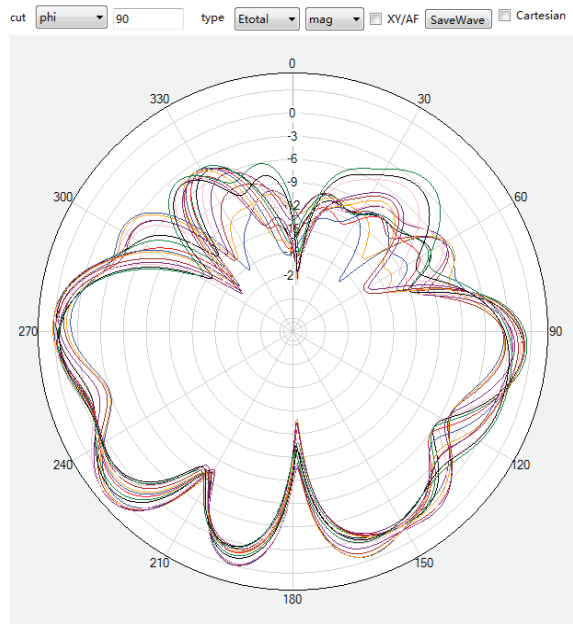
Theta=90

5G Radiation Patterns (unit: dB)

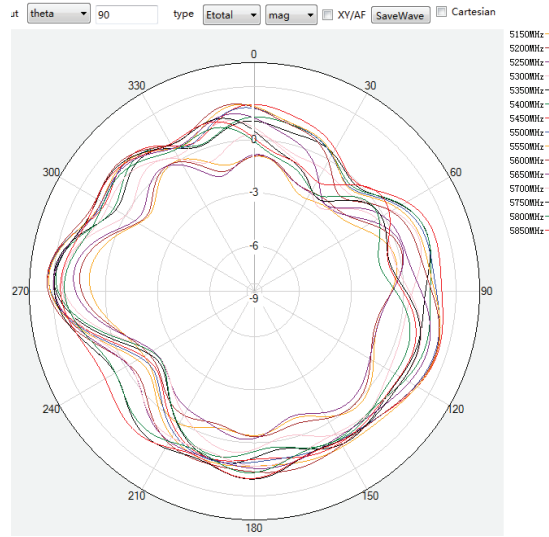
5G-1#



Phi=0

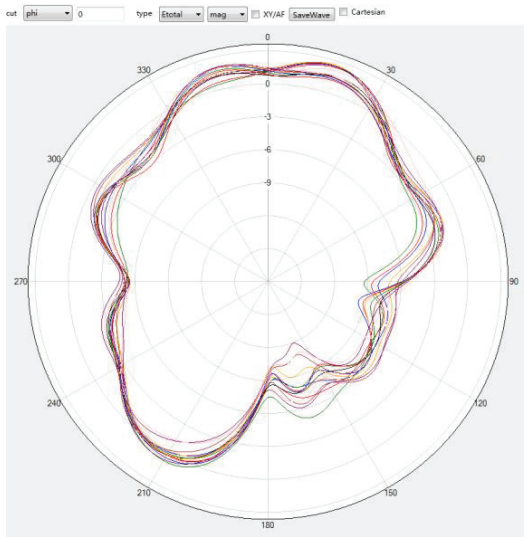


Phi=90

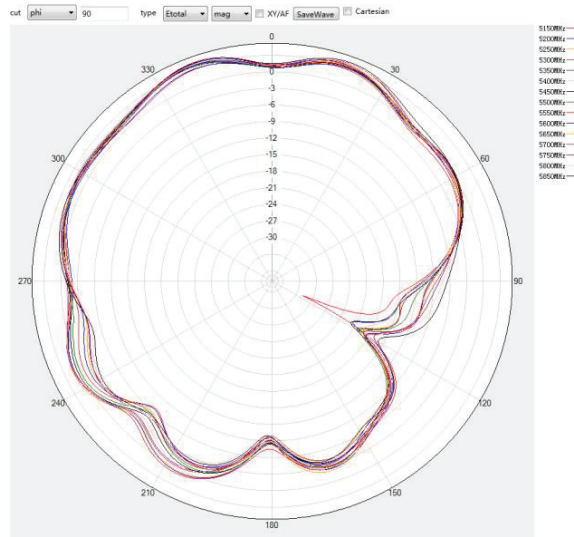


Theta=90

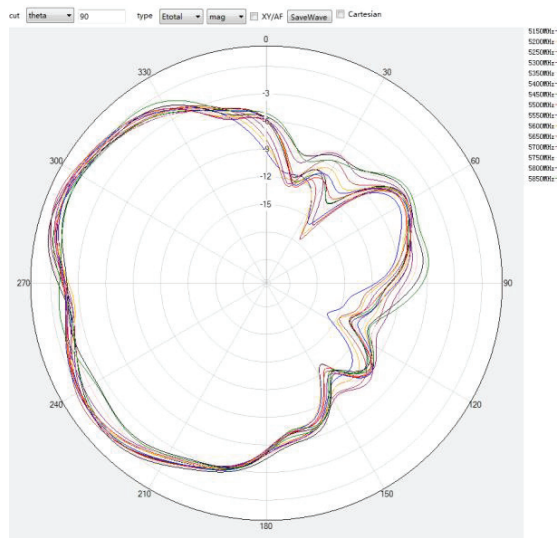
5G-2#



Phi=0

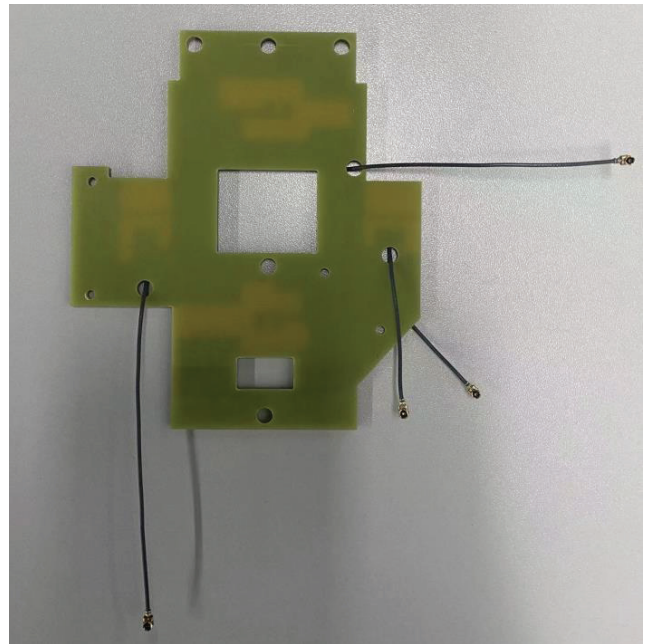
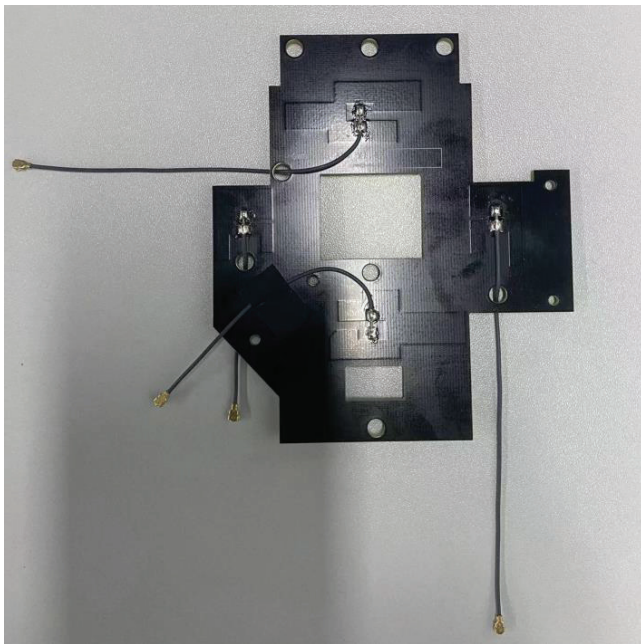
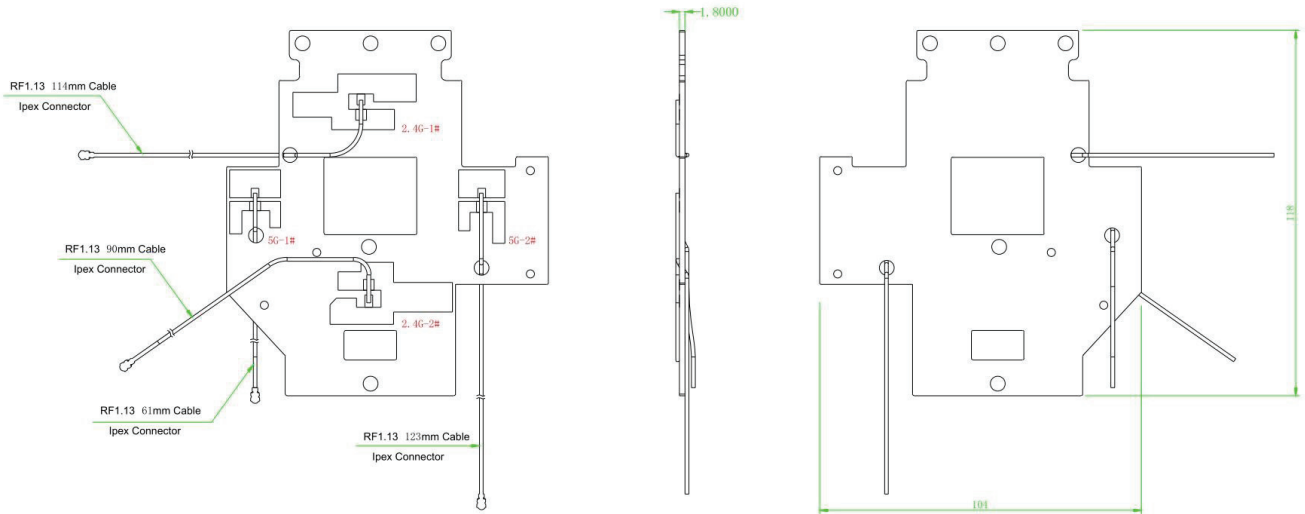


Phi=90



Theta=90

Mechanical Drawing(unit:mm)



▲END OF THE SPECIFICATION.