HT-GR-1868 Antenna Specifications

868MHz 4dB black glue rod antenna +SMA male head female needle

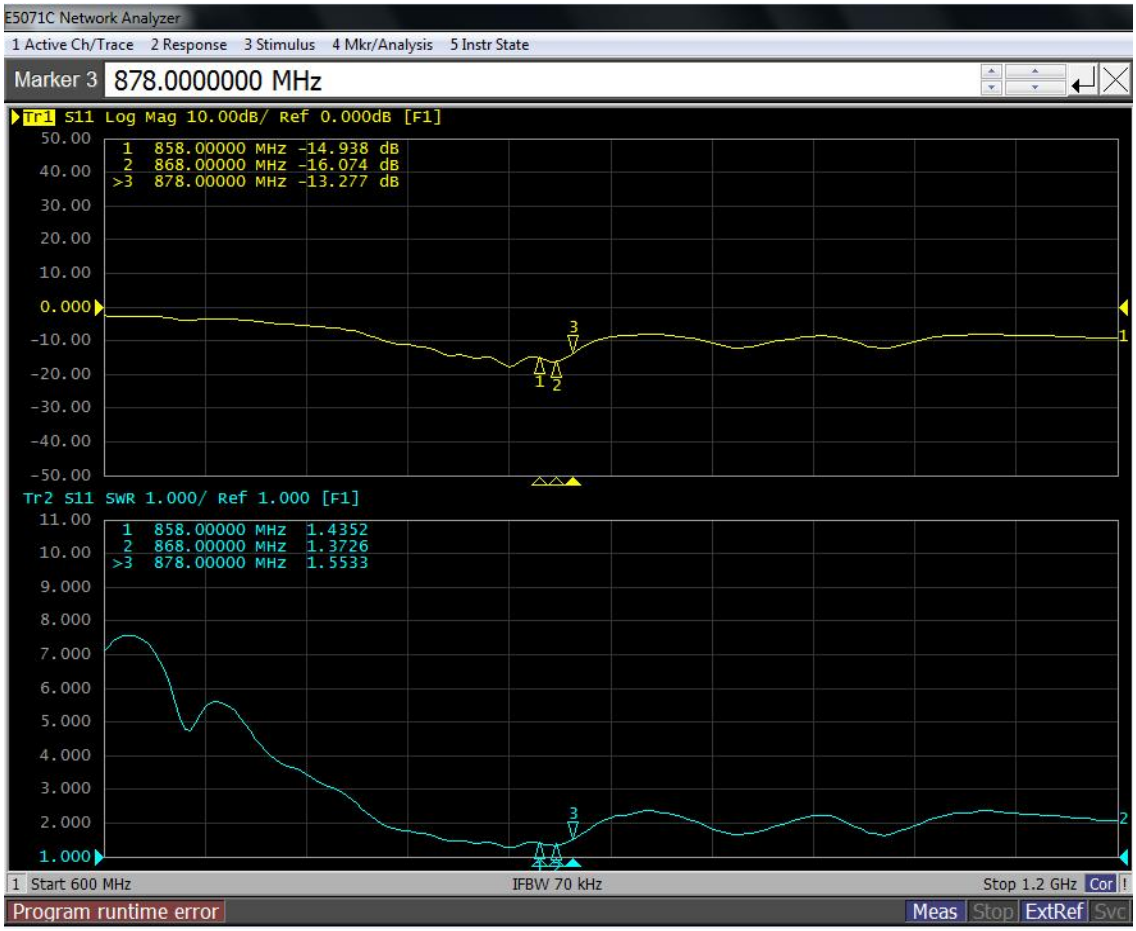
1. Product Overview:

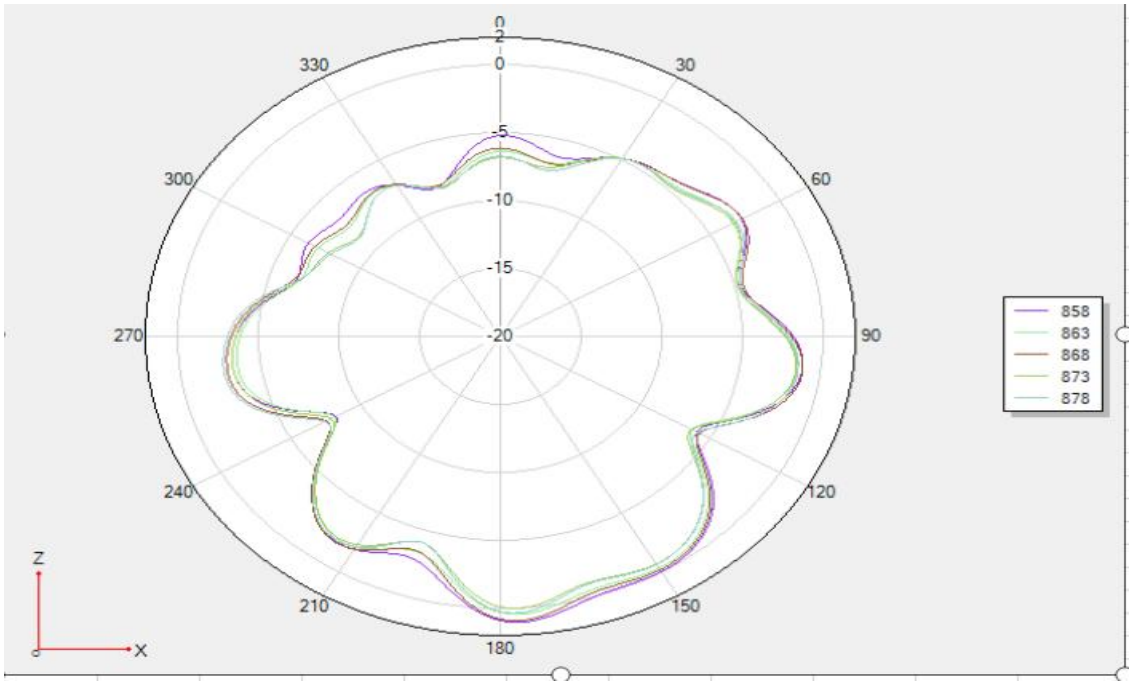
HT-GR-1868 is a bendable glue-stick antenna with 868MHz band. The overall height of the antenna is about 200mm, with SMA-J interface (SMA internal thread internal needle), applicable Broadband communication system in 868MHz band, wireless hotspot coverage, mobile terminal equipment; Such as router, AP, radio, network card, smart TV and so on.

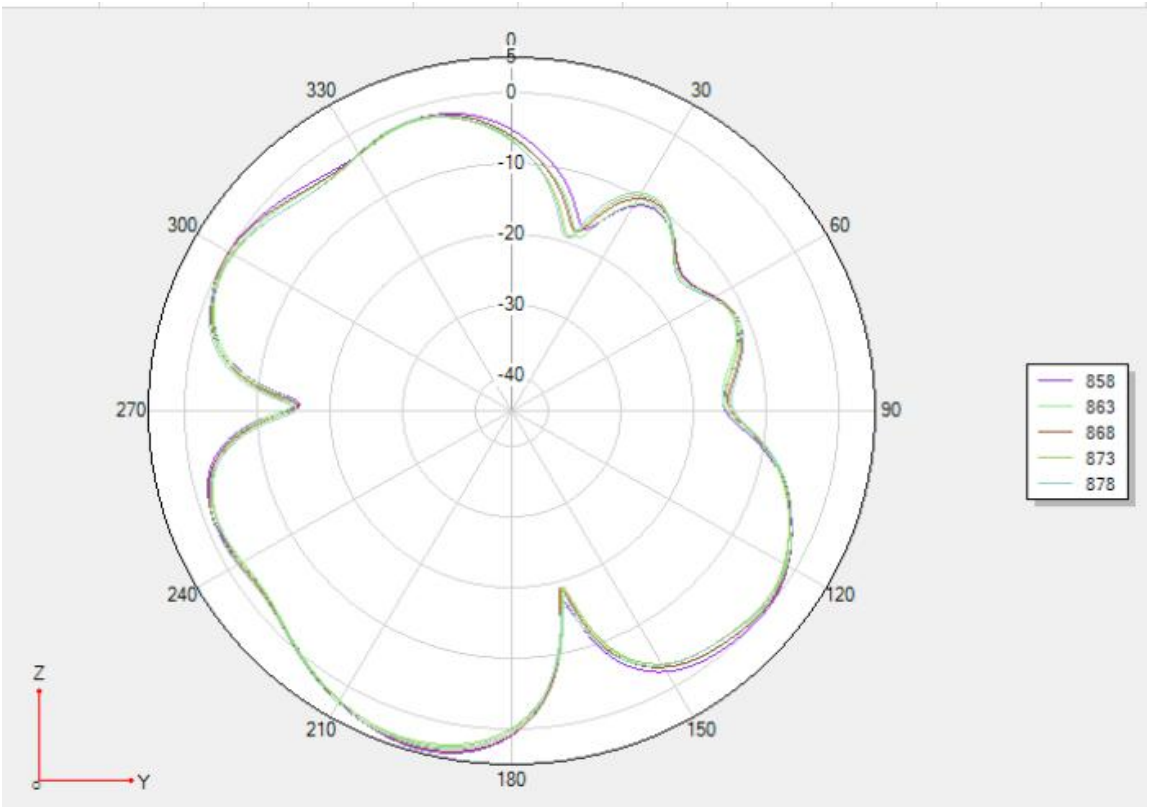
2. Specifications:

Main technical specifications			
Frequency range（MHZ）	868	Frequency Range (MHZ)	868
The characteristic impedance(Ω)	50	Impedance(Ω)	50
Gain(dBi)	4	Gain(dBi)	4
The output voltage Standing wave ratio	≤1.5	VSWR	≤1.5
Radiation direction	360º	Radiation Direction	360º
Polarization mode	Linear polarization	Polarization	Line Polarization
Physical Properties			
Size(mm)	¢11*200	Antenna size(mm)	¢11*200
The Connection method	SMA	Connector Type	SMA-J
Temperature	-30℃~+85℃	Storage Temp	-30℃~+85℃

3. Test report:



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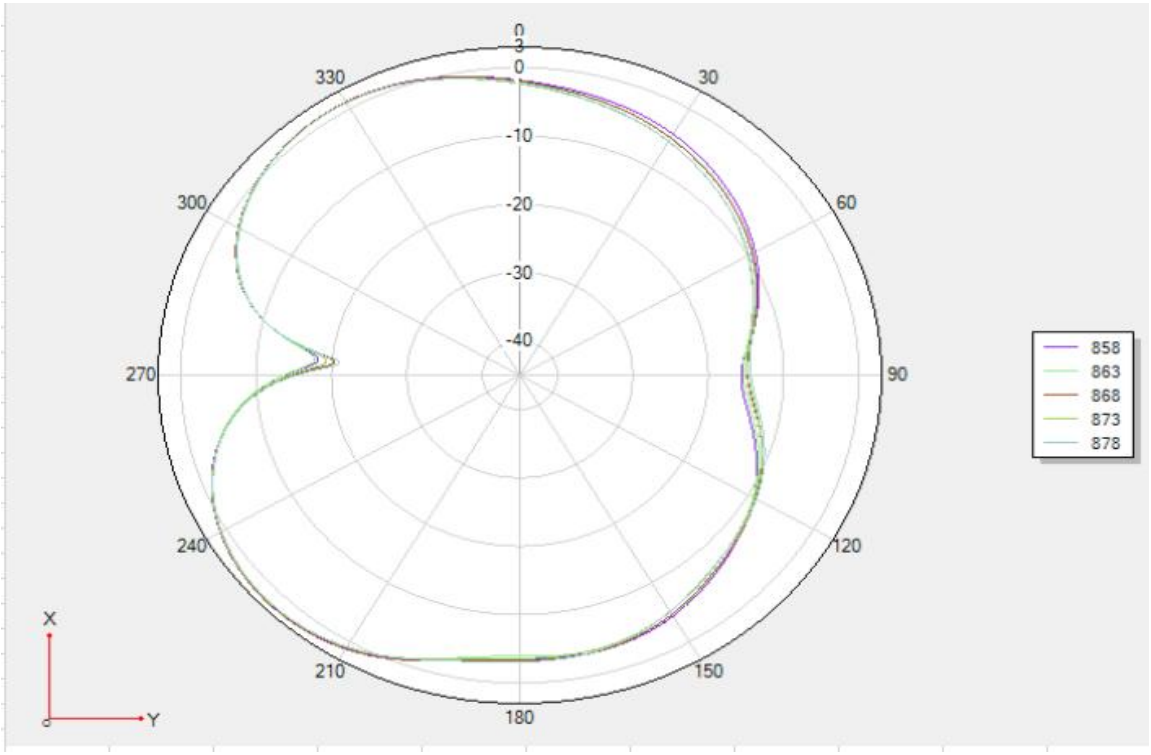
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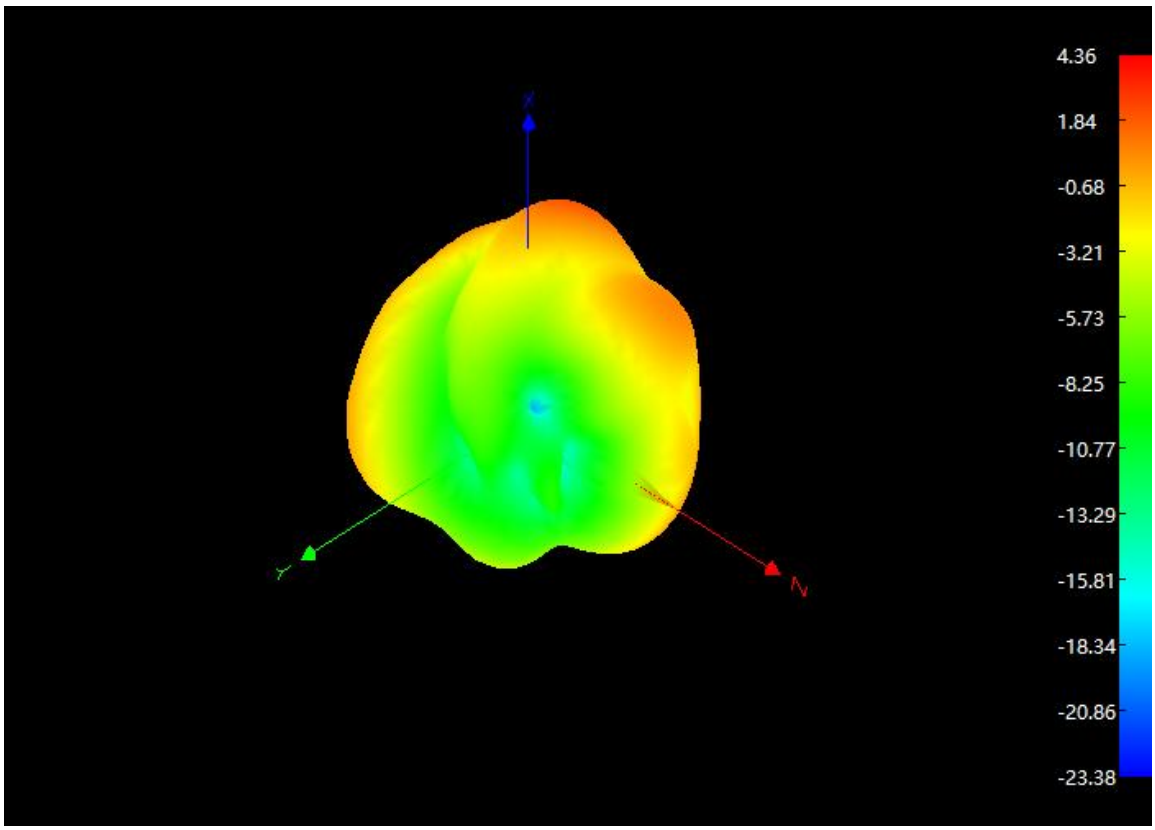

4. Common issues:

- The antenna frequency must match the frequency of the wireless device, otherwise the communication effect is not good;
- The lower the communication frequency, the longer the wavelength, the better the diffraction performance.
- When there is a linear communication obstacle, the communication distance will be attenuated accordingly.
- Note the antenna radiation direction. Incorrect antenna installation direction may result in a short transmission distance.
- Sea water has a strong ability to absorb radio waves, so the seaside test results are not good;