

Freq. Range **450~470**
Polarization **V**



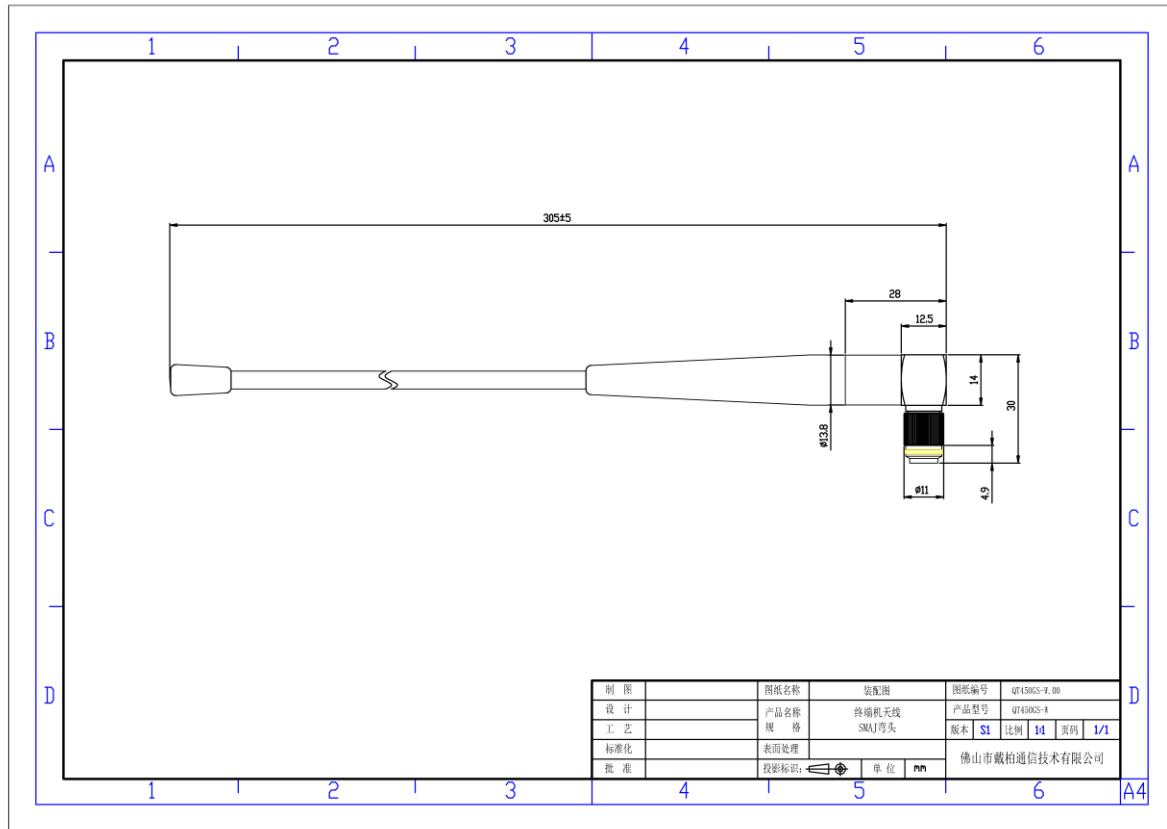
Dipole communications LTD.

450~470MHz 2dBi Terminal Antenna

| Model | QT450GS-W |
|-----------------------|----------------------|
| Freq.Range(MHz) | 450~470 |
| Bandwidth(MHz) | 20 |
| Polarization | Vertical |
| Gain(dBi) | 1.89 |
| Impedance(Ω) | 50 |
| VSWR | ≤ 2 |
| Power(W) | 20 |
| Connector | SMA RA-Male |
| Length(mm) | 305 |
| Color | Black |
| Weight(g) | ~60 |
| Operation Temperature | -40~+75 $^{\circ}$ C |
| Wind load(km/h) | 90 |



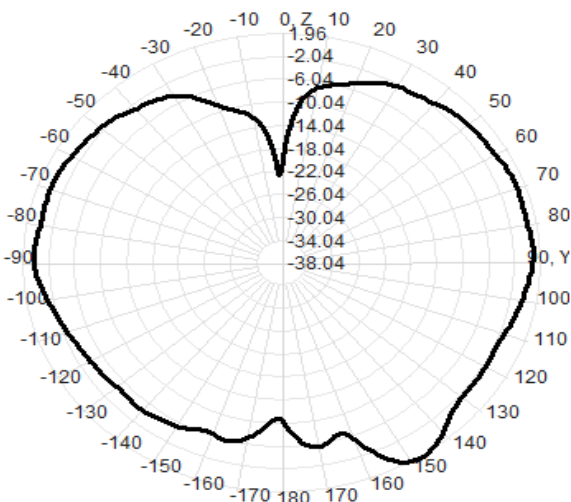
1、天线尺寸图



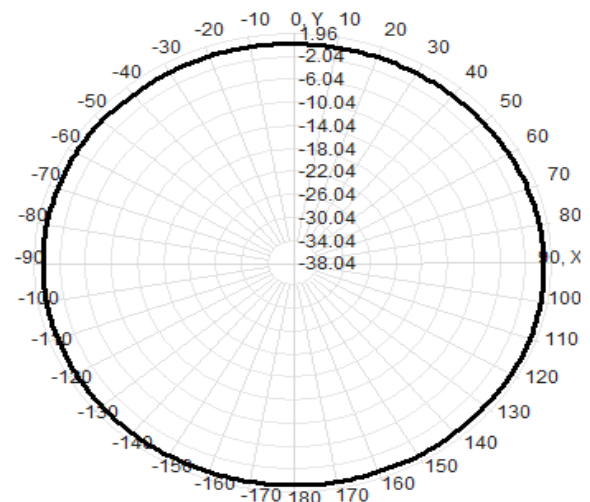
2、驻波比图



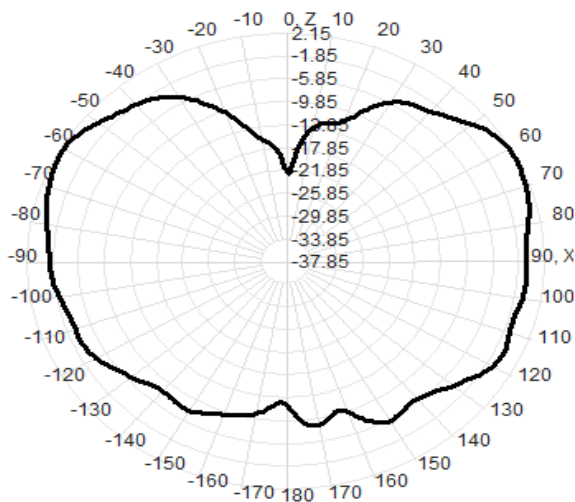
3、辐射方向图



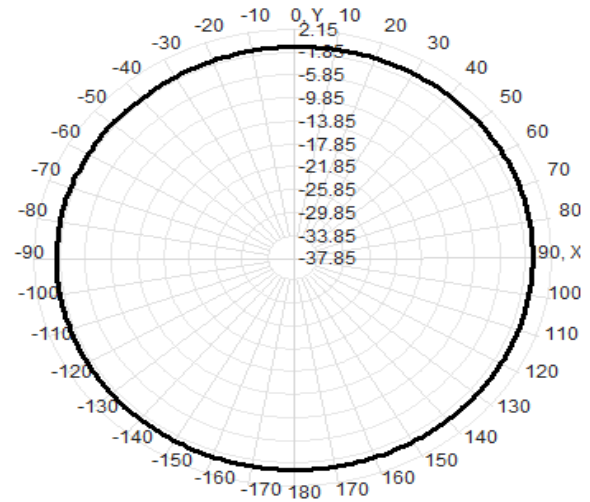
E(450MHz)



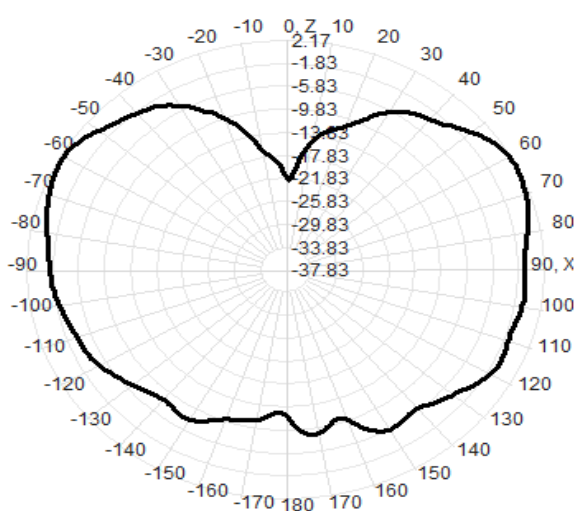
H(450MHz)



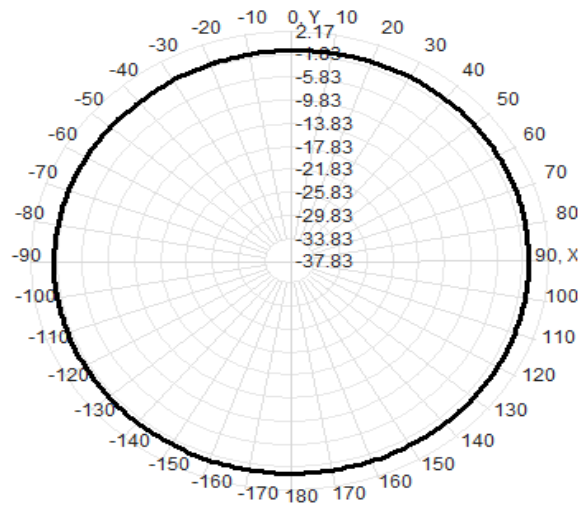
E(460MHz)



H(460MHz)



E(470MHz)



H(470MHz)

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4、增益曲线图

| | | | |
|-------------------------|--------------|--------------|--------------|
| Frequency ID | 2 | 7 | 9 |
| Frequency (MHz) | 450.0 | 460.0 | 470.0 |
| Efficiency (dBi) | -1.33 | -2.00 | -2.13 |
| Gain (dBi) | 1.89 | 1.89 | 1.82 |
| Efficiency (%) | 73.55 | 63.03 | 61.20 |

