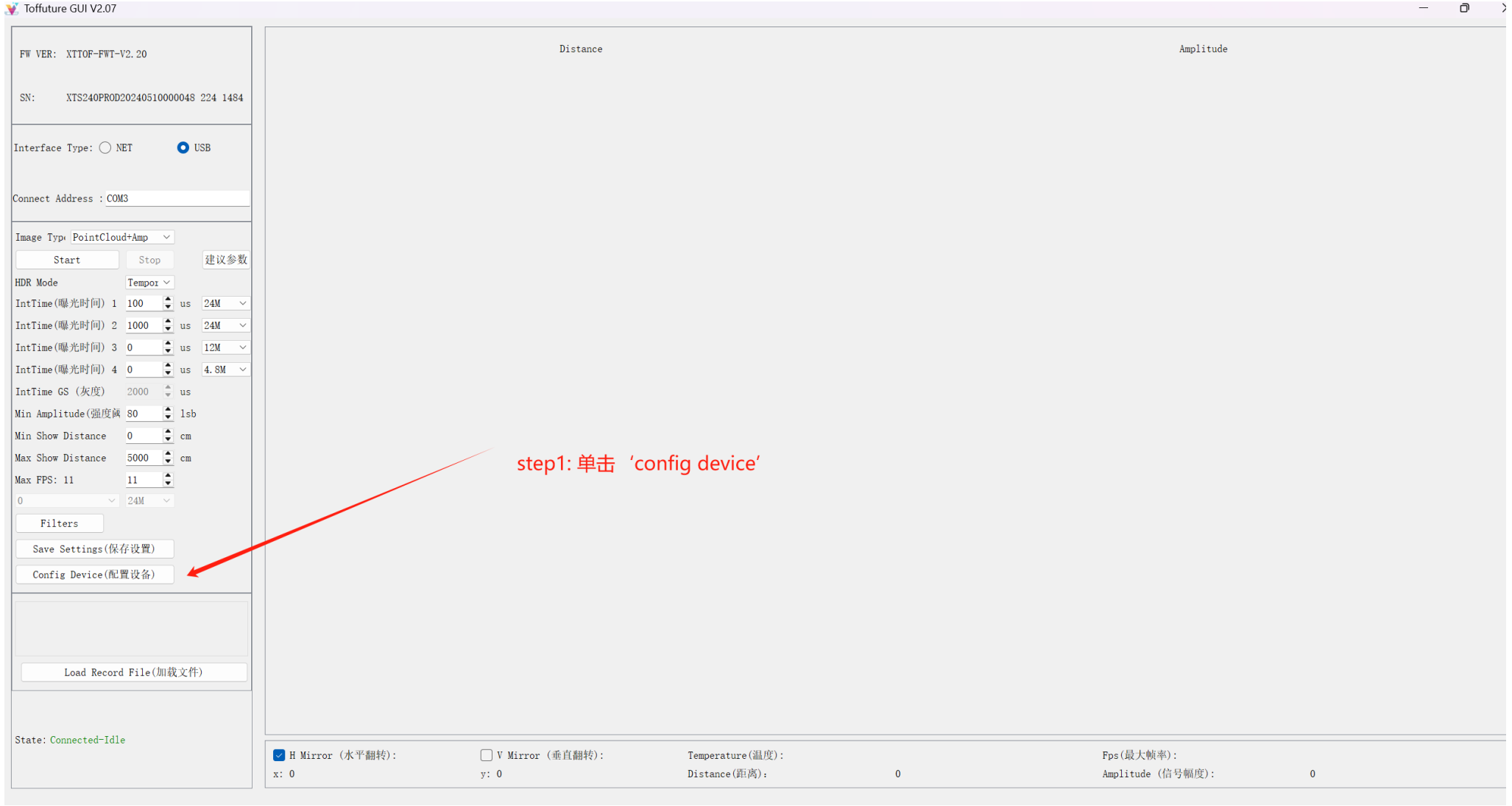
芯光致远 探无止境

芯探（上海）科技有限公司

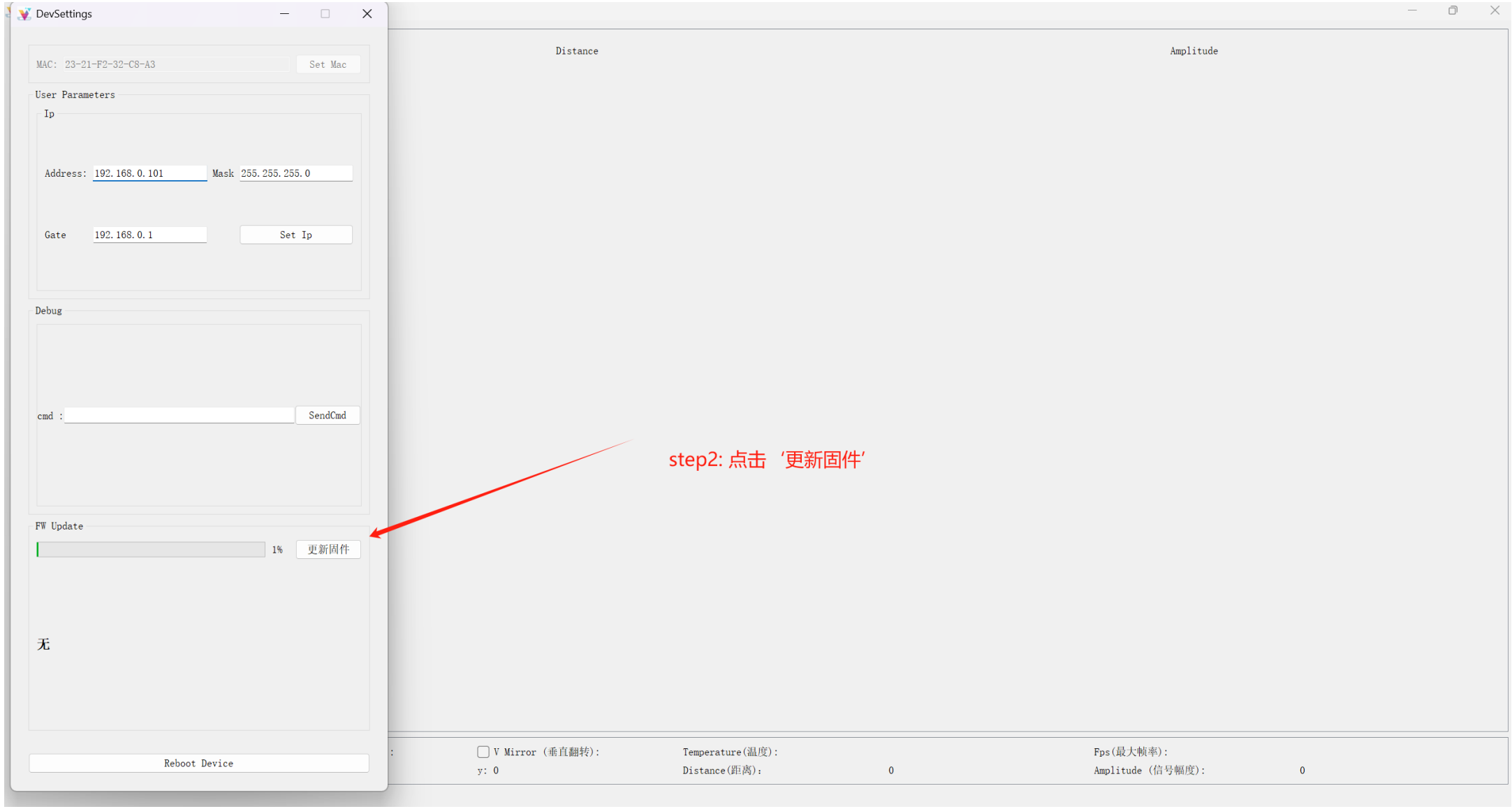
——上位机如何升级雷达固件

-2025.03.25

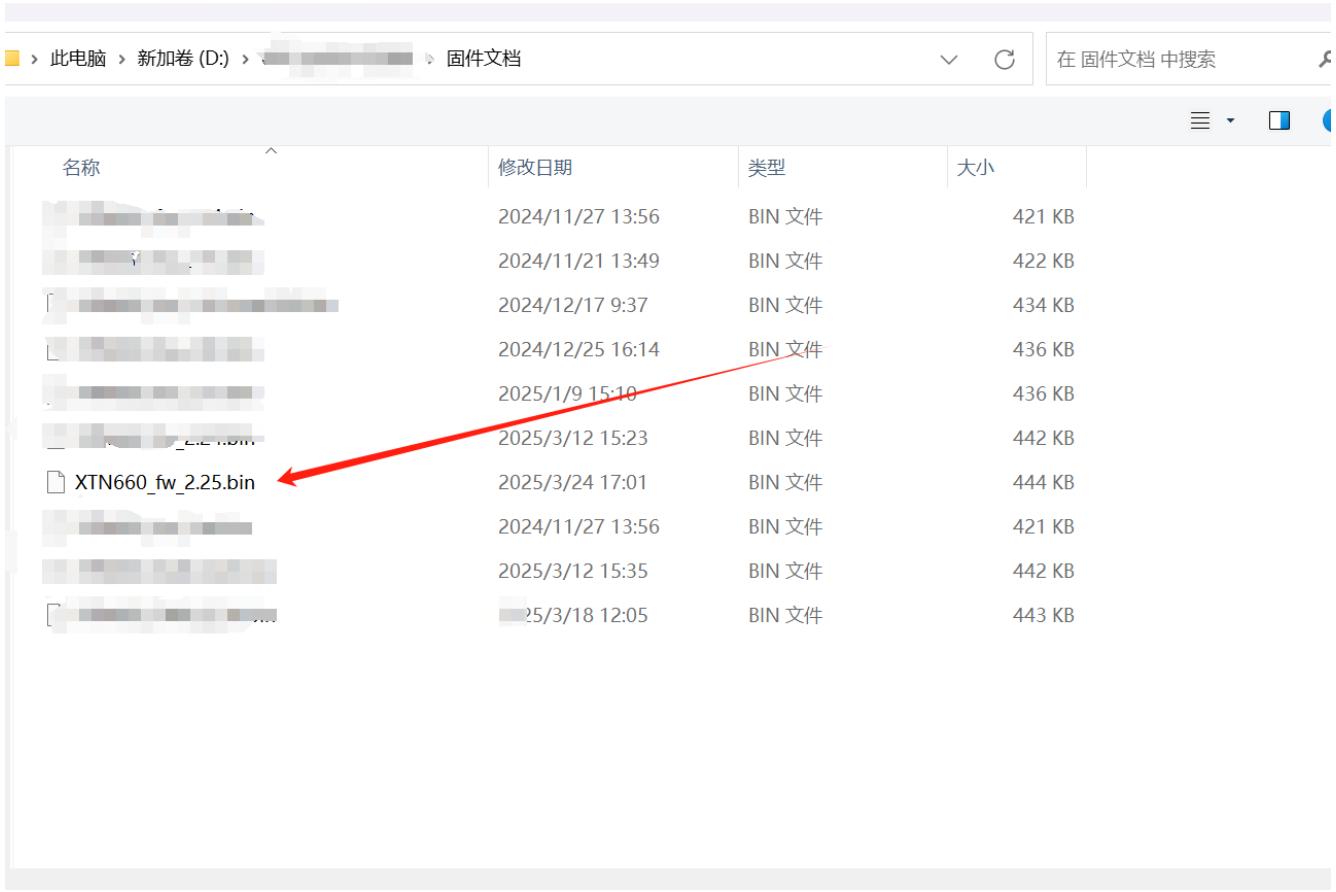
step1


Toffuture GUI V2.07
FW VER: XTTOF-FWT-V2.20
SN: XTS240PROD20240510000048 224 1484
Interface Type: NET USB
Connect Address : COM3
Image Typ PointCloud+Amp
Start
Stop
建议参数
HDR Mode Tempor
IntTime(曝光时间) 1 100 us 24M
IntTime(曝光时间) 2 1000 us 24M
IntTime(曝光时间) 3 0 us 12M
IntTime(曝光时间) 4 0 us 4.8M
IntTime GS (灰度) 2000 us
Min Amplitude(强度阈 80 lsb
Min Show Distance 0 cm
Max Show Distance 5000 cm
Max FPS: 11 11
Filters
Save Settings(保存设置)
Config Device(配置设备)
Load Record File(加载文件)
State: Connected-Idle
Distance
Amplitude
step1: 单击 'config device'
H Mirror (水平翻转):
V Mirror (垂直翻转):
Temperature(温度):
Fps(最大帧率):
x: 0
y: 0
Distance(距离): 0
Amplitude (信号幅度): 0

step2

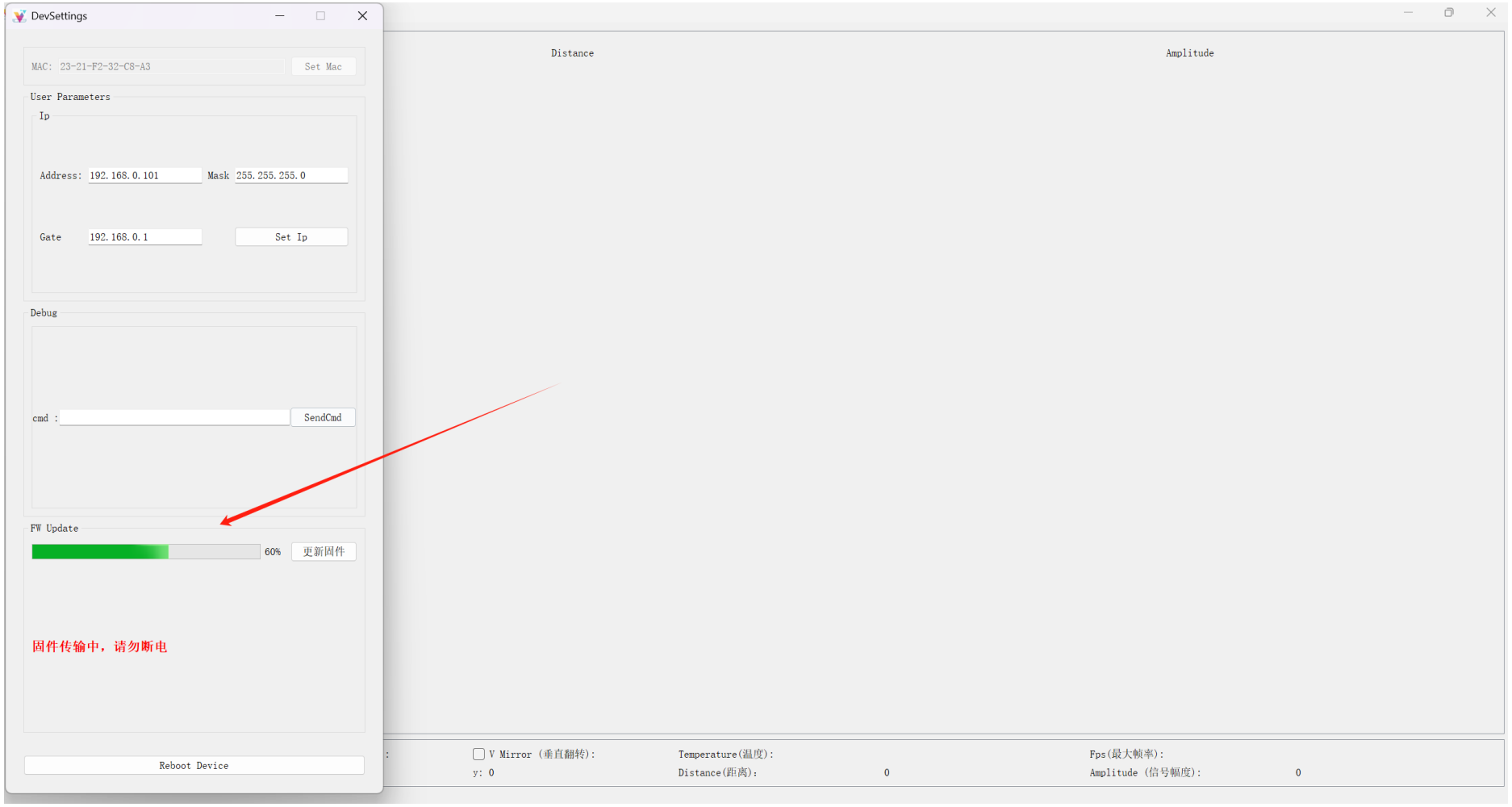

DevSettings
MAC: 23-21-F2-32-C8-A3
Set Mac
User Parameters
Ip
Address: 192.168.0.101
Mask 255.255.255.0
Gate 192.168.0.1
Set Ip
Debug
cmd :
SendCmd
FW Update
1%
更新固件
无
Reboot Device
Distance
Amplitude
step2: 点击‘更新固件’
V Mirror (垂直翻转):
y: 0
Temperature(温度):
Distance(距离):
0
Fps(最大帧率):
Amplitude (信号幅度):
0

step3



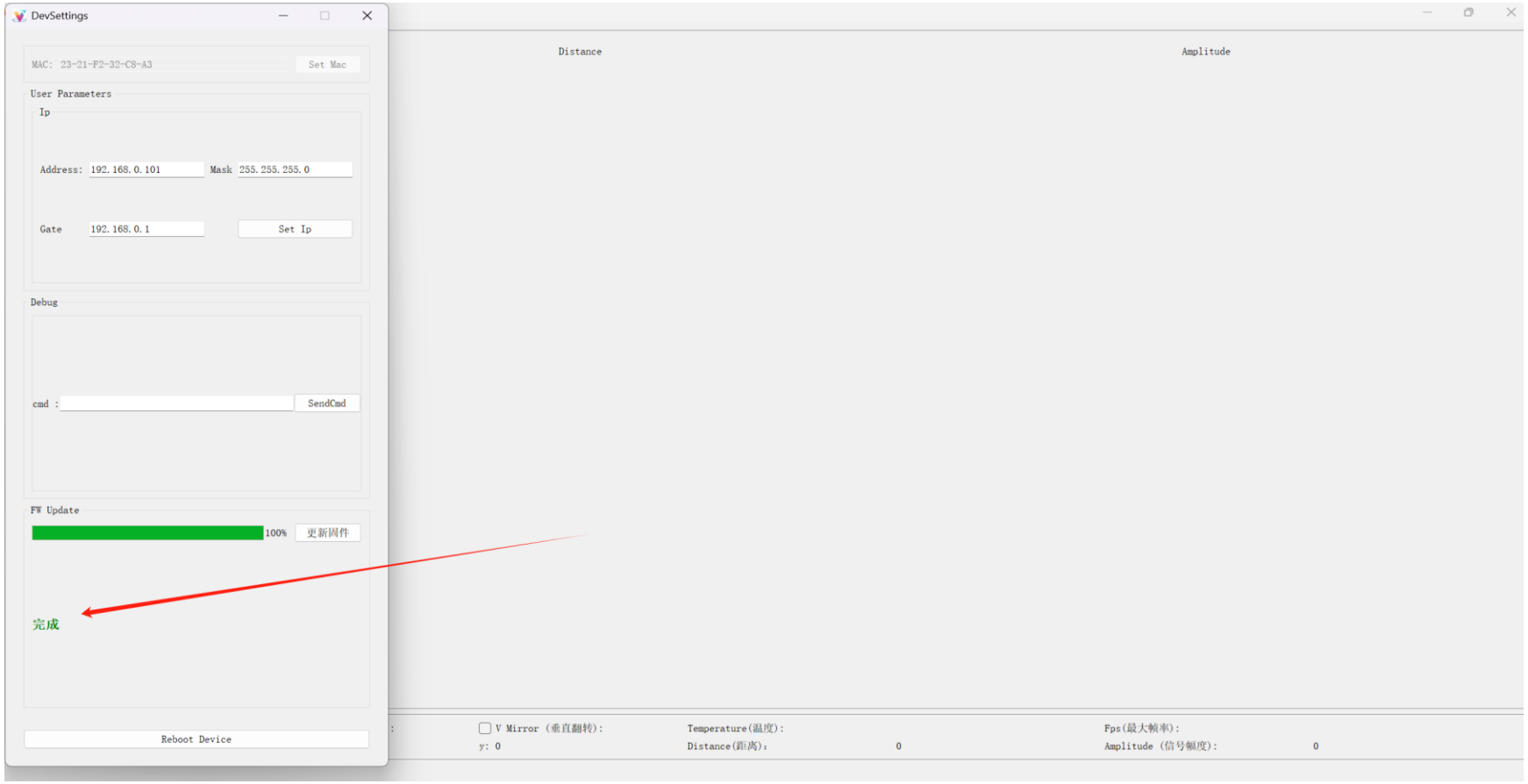
在弹出的文件选择界面找到需要升级的新的固件文件，并选中。

step4



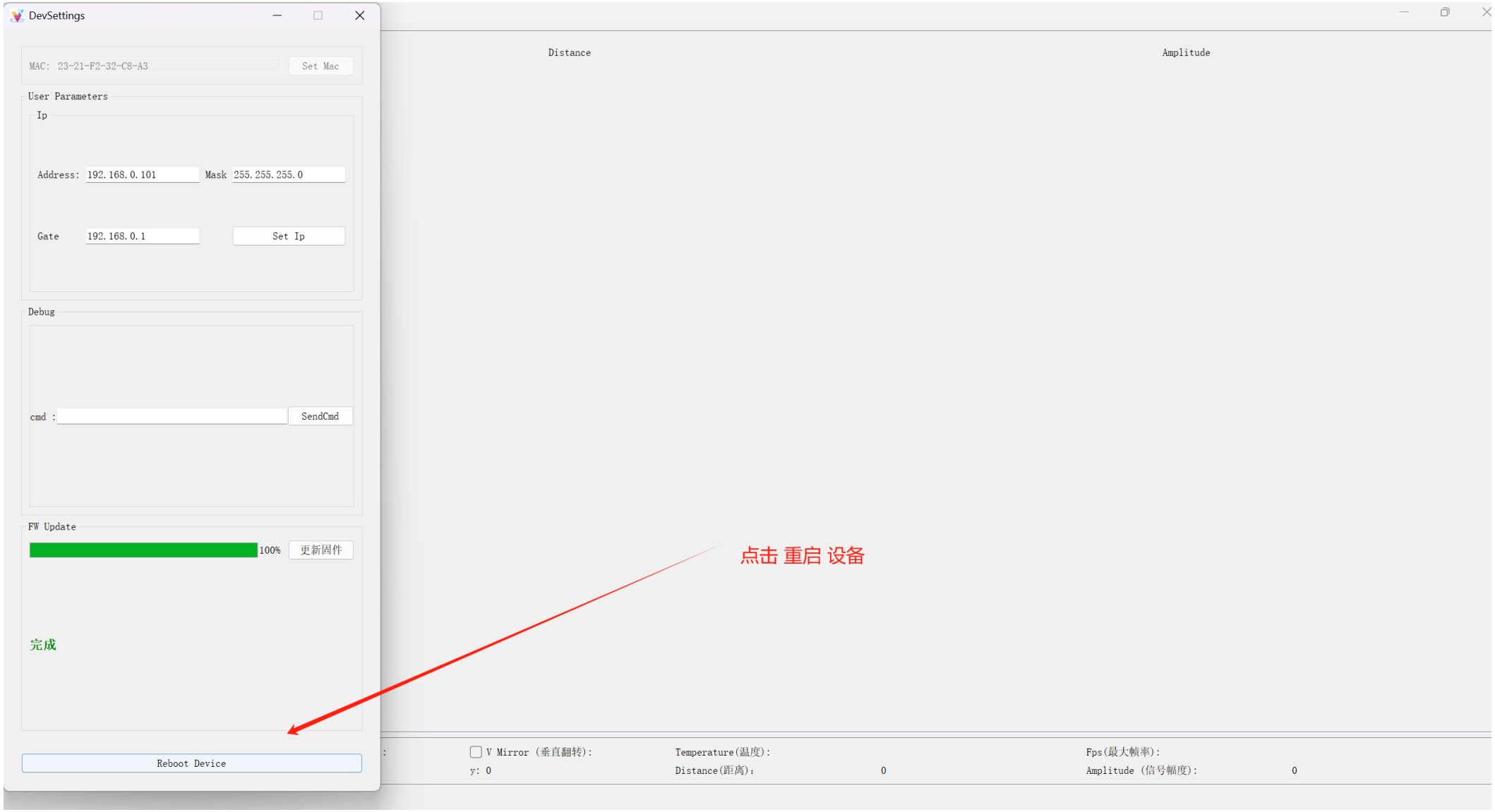
等待雷达升级中，切勿让雷达断电！！！

step5

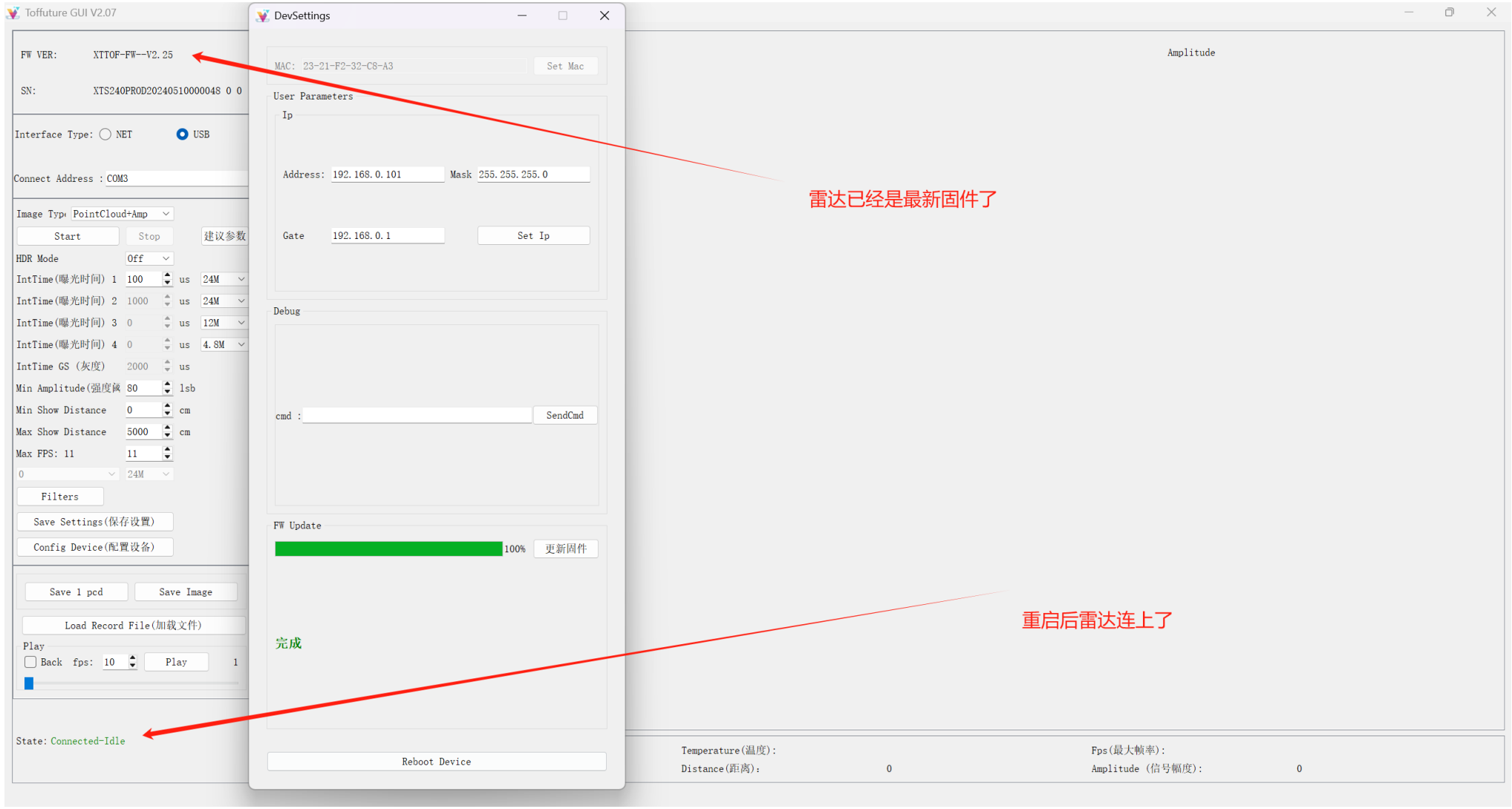


左下角显示绿色的完成字样表示雷达已经升级完毕。

step6


DevSettings
MAC: 23-21-F2-32-C8-A3
Set Mac
User Parameters
Ip
Address: 192.168.0.101
Mask 255.255.255.0
Gate 192.168.0.1
Set Ip
Debug
cmd :
SendCmd
FW Update
100%
更新固件
完成
Reboot Device
Distance
Amplitude
点击 重启 设备
V Mirror (垂直翻转):
y: 0
Temperature(温度):
Distance(距离):
0
Fps(最大帧率):
Amplitude (信号幅度):
0

step7


Toffuture GUI V2.07
FW VER: XTTOF-FW--V2.25
SN: XTS240PROD20240510000048 0 0
Interface Type: NET USB
Connect Address : COM3
Image Typ PointCloud+Amp
Start
Stop
建议参数
HDR Mode Off
IntTime(曝光时间) 1 100 us 24M
IntTime(曝光时间) 2 1000 us 24M
IntTime(曝光时间) 3 0 us 12M
IntTime(曝光时间) 4 0 us 4.8M
IntTime GS (灰度) 2000 us
Min Amplitude(强度阈 80 lsb
Min Show Distance 0 cm
Max Show Distance 5000 cm
Max FPS: 11 11
Filters
Save Settings(保存设置)
Config Device(配置设备)
Save 1 pcd
Save Image
Load Record File(加载文件)
Play
Back fps: 10 Play 1
State: Connected-Idle
DevSettings
MAC: 23-21-F2-32-C8-A3
Set Mac
User Parameters
Ip
Address: 192.168.0.101 Mask 255.255.255.0
Gate 192.168.0.1 Set Ip
Debug
cmd : SendCmd
FW Update
100%
更新固件
完成
Reboot Device
Amplitude
雷达已经是最新固件了
重启后雷达连上了
Temperature(温度):
Distance(距离): 0
Fps(最大帧率):
Amplitude (信号幅度): 0

感谢！

纯固态FLASH激光雷达领跑者

芯探（上海）科技有限公司

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