VeCOAX ULTRA+

FIRMWARE UPDATE PROCEDURE

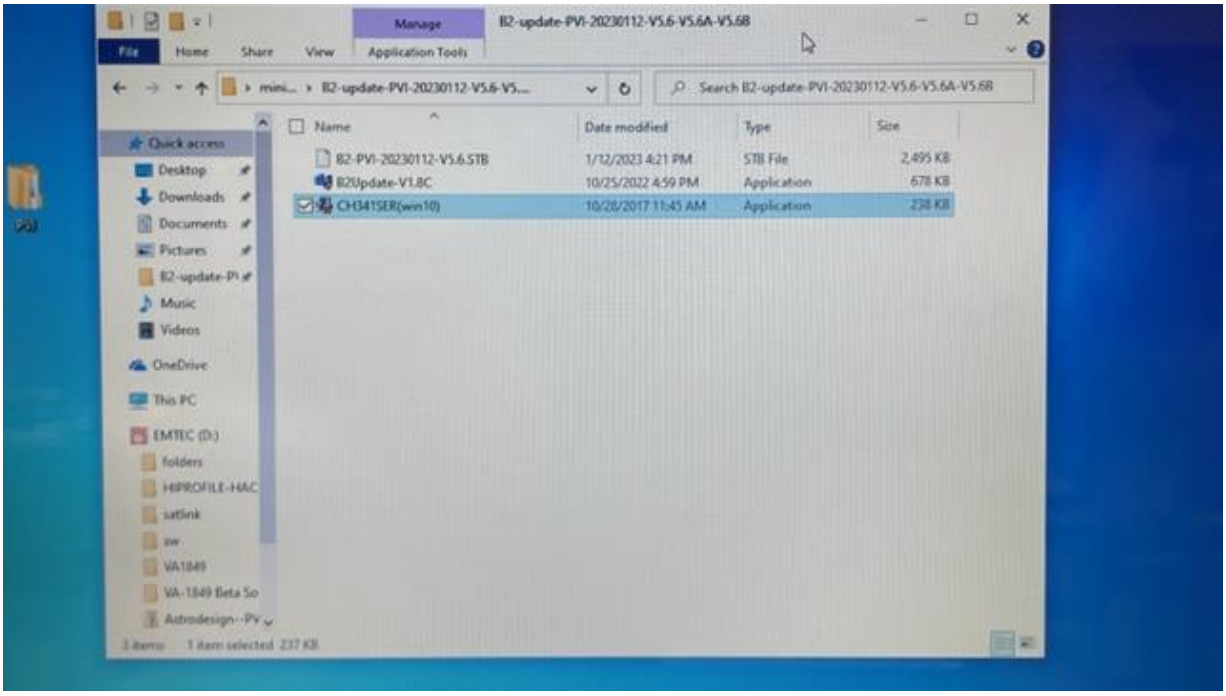
IMPORTANT

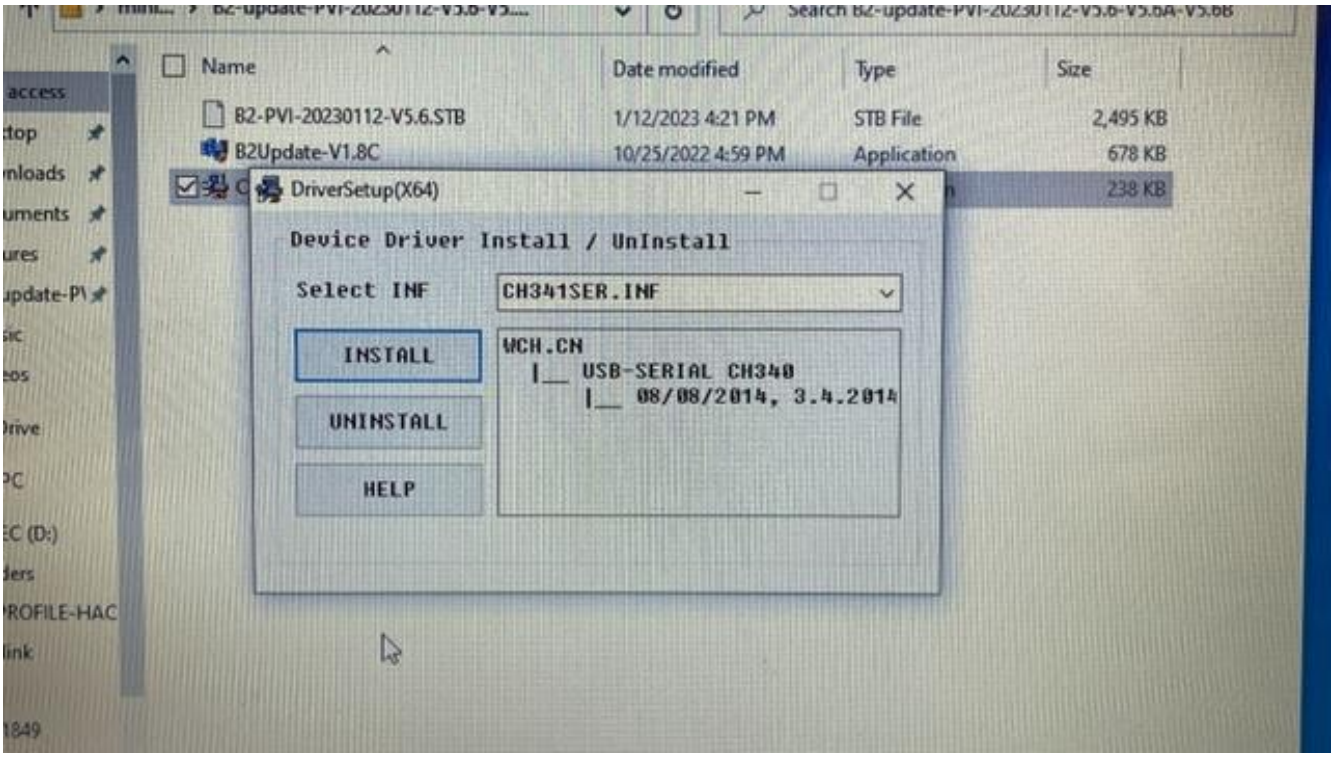
DO NOT LOSE POWER DURING THIS OPERATION

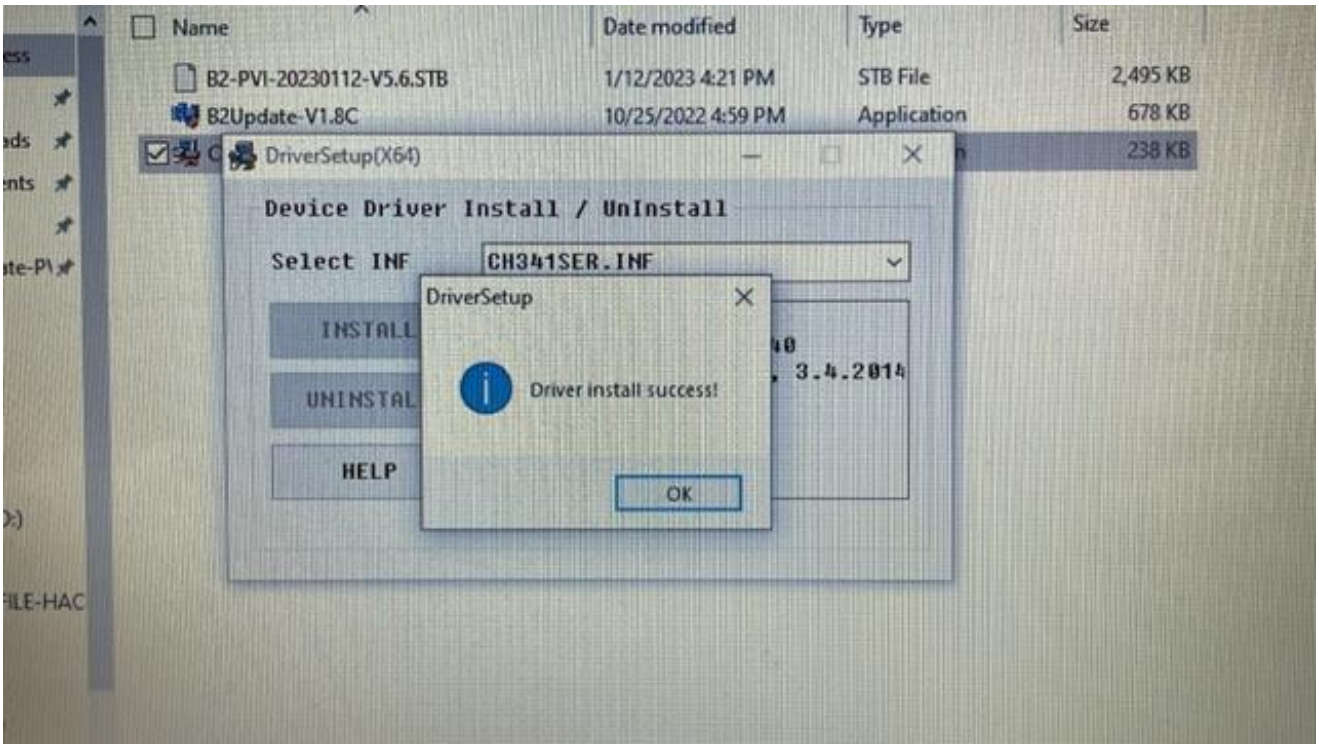
IF NECESSARY, USE A BATTERY BACKUP UNIT TO POWER THIS PROCESS

1) Connect your windows computer to the minimod 2+ using a USB cable

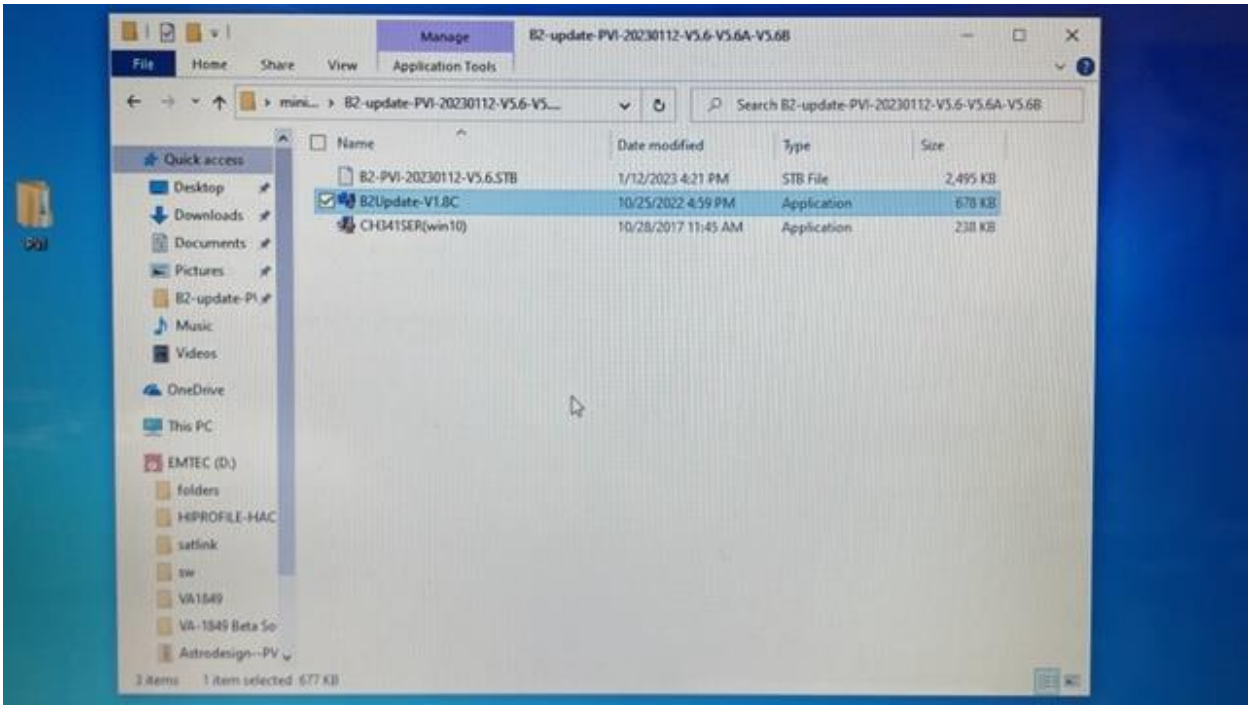
2) Install the USB DRIVER on your windows pc



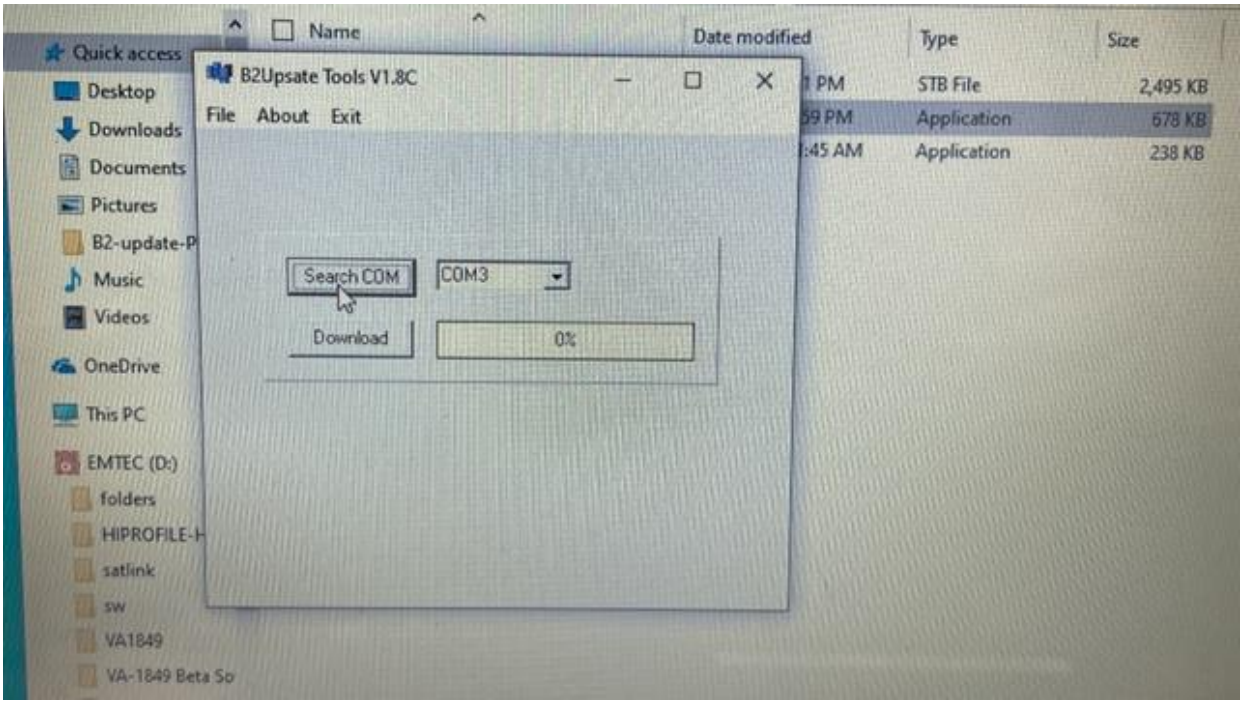

Name
Date modified
Type
Size
B2-PVI-20230112-V5.6.STB
1/12/2023 4:21 PM
STB File
2,495 KB
B2Update-V1.8C
10/25/2022 4:59 PM
Application
678 KB
238 KB
DriverSetup(X64)
Device Driver Install / UnInstall
Select INF
CH341SER.INF
INSTALL
UNINSTALL
HELP
VCH.CN
|__ USB-SERIAL CH340
|__ 08/08/2014, 3.4.2014


Name
Date modified
Type
Size
B2-PVI-20230112-V5.6.STB
1/12/2023 4:21 PM
STB File
2,495 KB
B2Update-V1.8C
10/25/2022 4:59 PM
Application
678 KB
238 KB
DriverSetup(X64)
Device Driver Install / UnInstall
Select INF
CH341SER.INF
INSTALL
UNINSTAL
HELP
DriverSetup
Driver install success!
OK

3) Run the B2UPDATE application

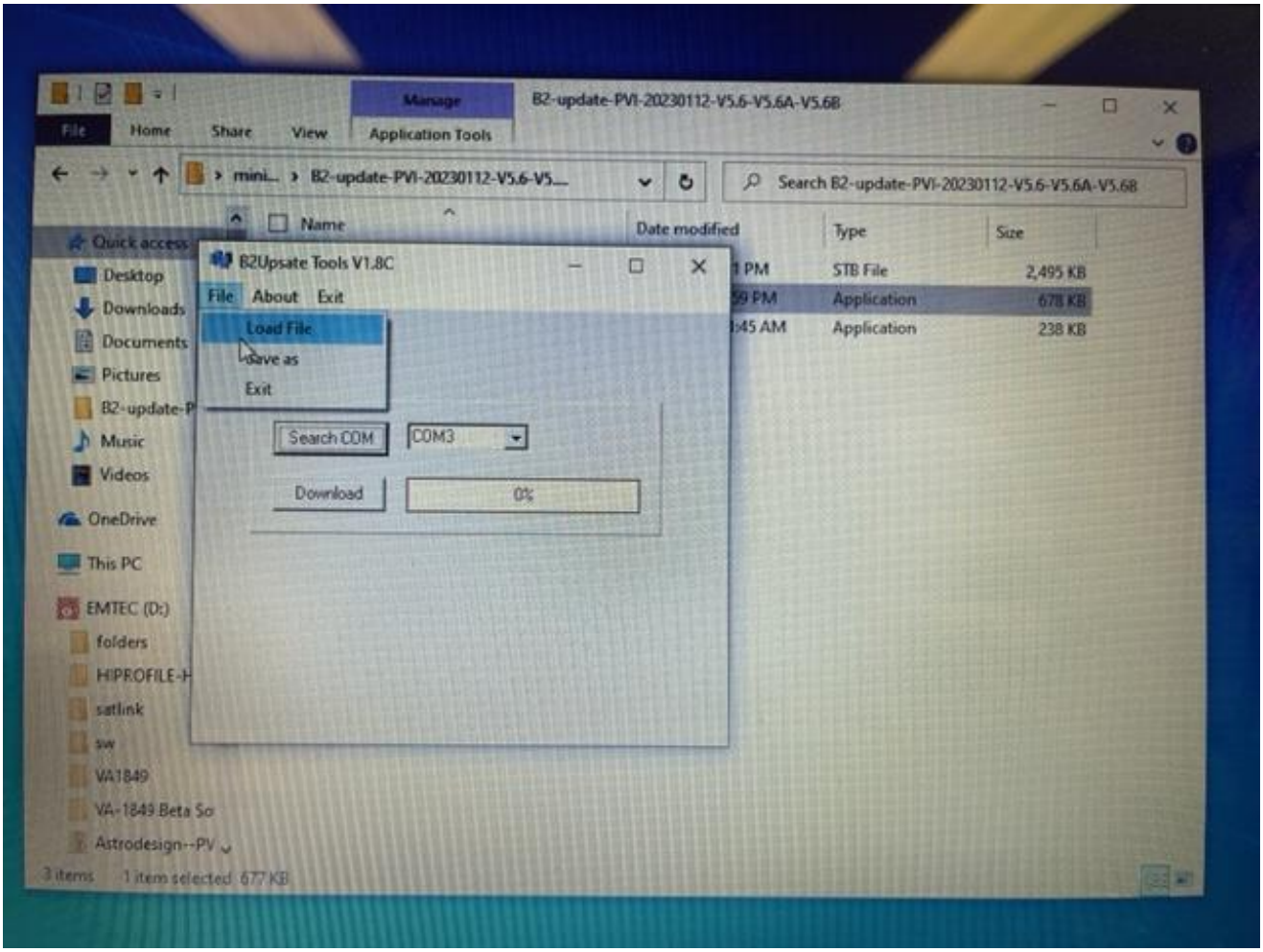


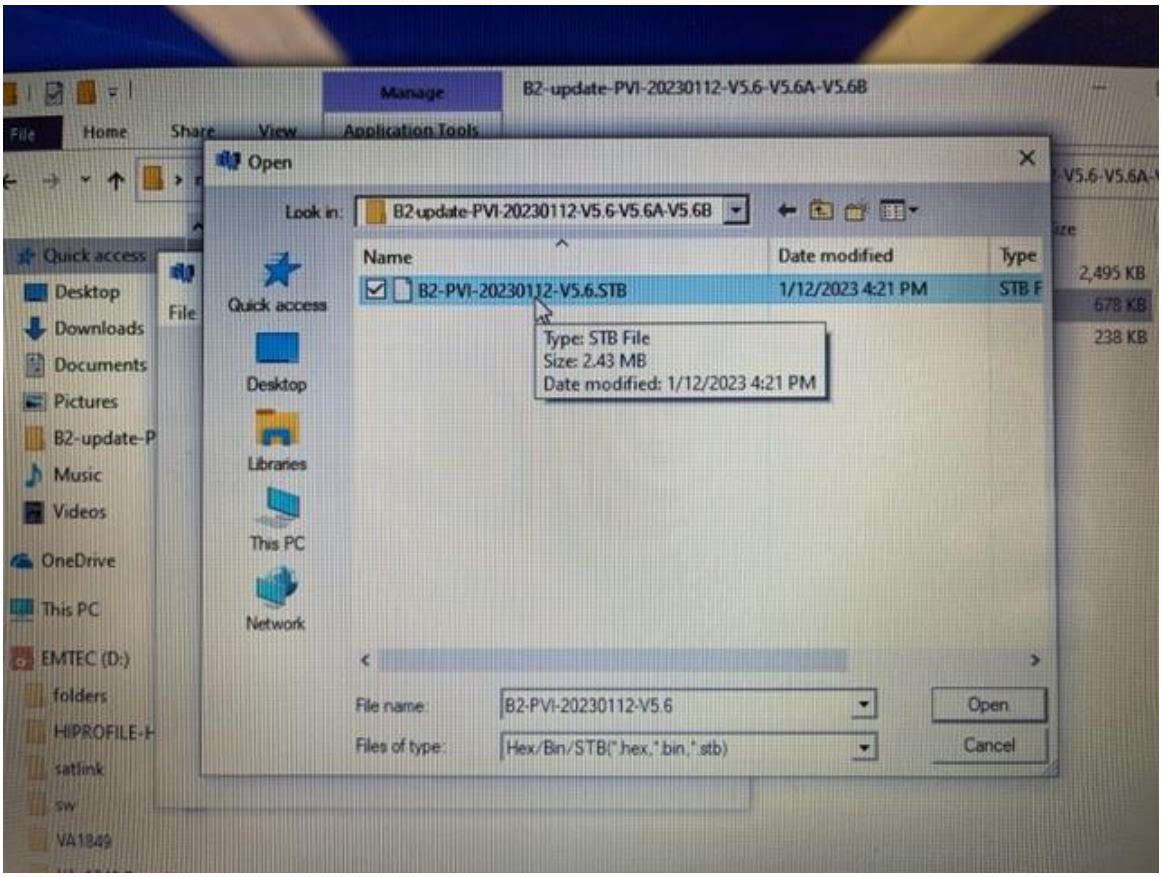
Search for the COM and confirm it is found and selected



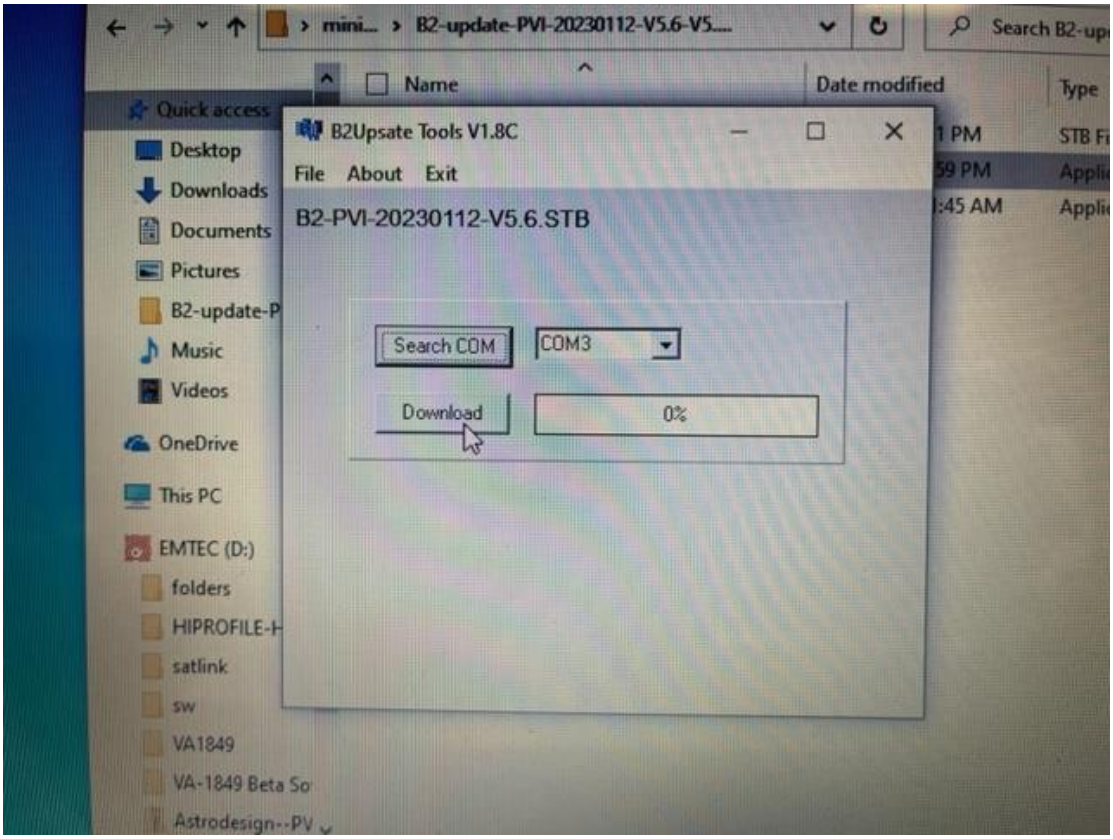
From the FILE menu > LOAD FILE > browse the new firmware upgrade file

The UPGRADE FILE has extension .STB

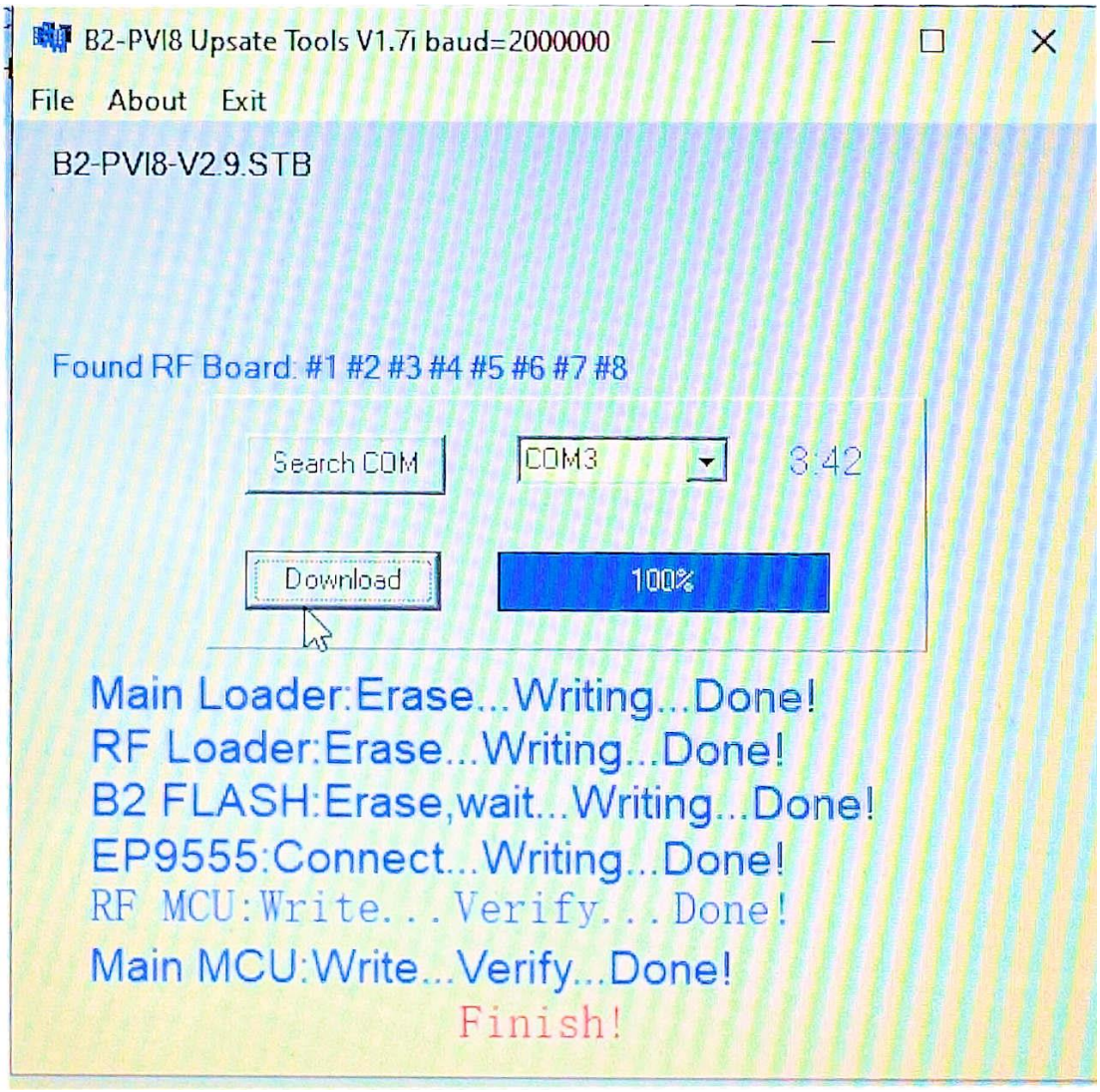



Manage
B2-update-PVI-20230112-V5.6-V5.6A-V5.6B
File
Home
Share
View
Application Tools
Open
Look in:
B2-update-PVI-20230112-V5.6-V5.6A-V5.6B
Name
Date modified
Type
B2-PVI-20230112-V5.6.STB
1/12/2023 4:21 PM
STB F
Type: STB File
Size: 2.43 MB
Date modified: 1/12/2023 4:21 PM
Quick access
Desktop
Libraries
This PC
Network
File name:
B2-PVI-20230112-V5.6
Files of type:
Hex/Bin/STB(*.hex,*.bin,*.stb)
Open
Cancel
Quick access
Desktop
Downloads
Documents
Pictures
B2-update-P
Music
Videos
OneDrive
This PC
EMTEC (D:)
folders
HIPROFILE-H
satlink
sw
VA1849
2,495 KB
678 KB
238 KB

4) **Click DOWNLOAD to start the upgrade**

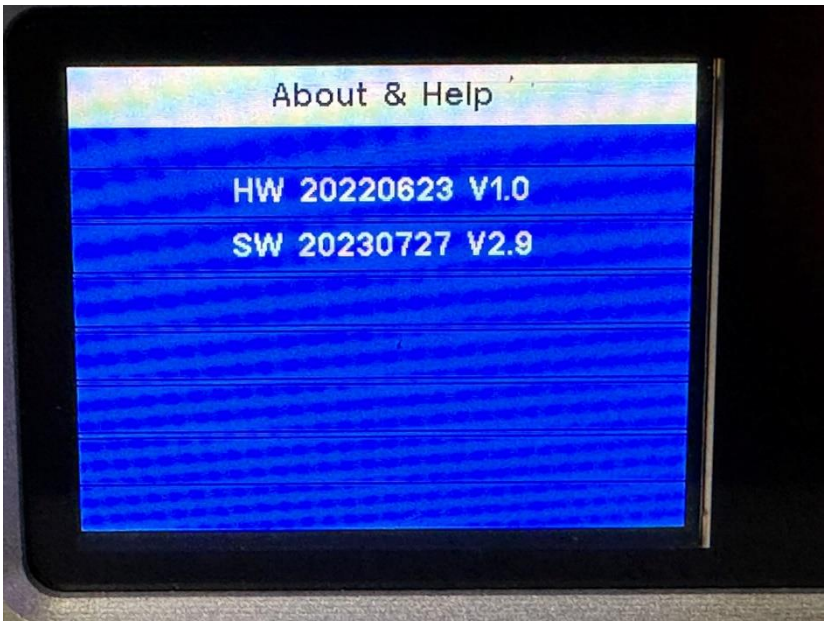


5) **Wait the upgrade to complete – you will see the following message**

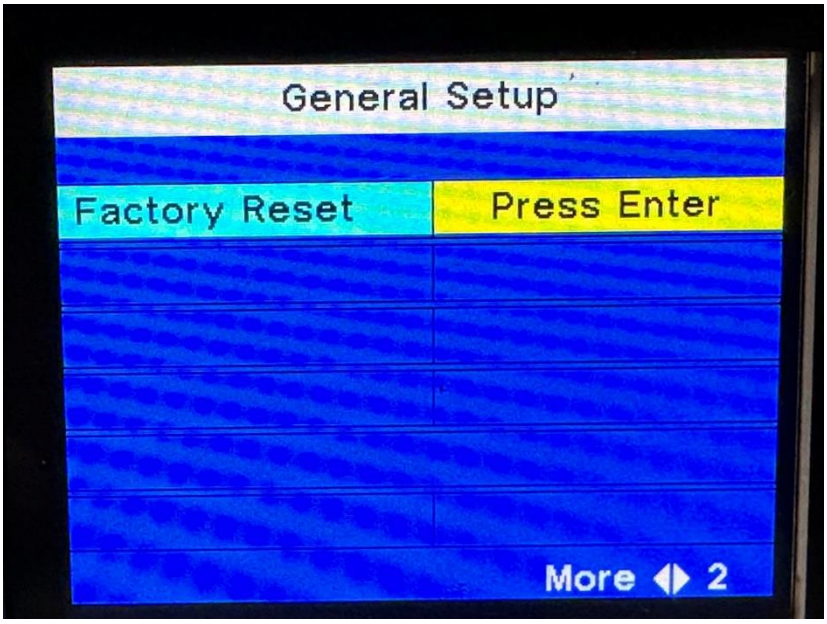


6) **Unplug the power from the unit**

7) **Reconnect the power and check the new version is installed**



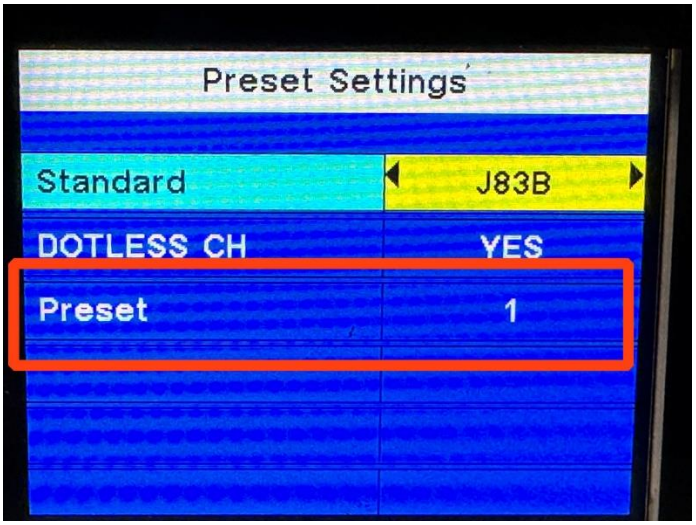
8) **After reboot, execute a FACTORY RESET so the new firmware will clear all the parameters.**



9) **Set again the final parameters you need (standard / channel / name etc) following the ULTRA+ installation guide from this link**

https://shop.provideoinstruments.com/pages/tech-support-for-vecoax-ultra-plus-hdmi-sdi-qam-atsc-dvbt-isdbt-dvbc-digital-television-broadcast-hdtv-rf-encoders-modulators

You can also click the back arrow button and RECAL A PRESET so the unit will set all for you at once



10) Test the unit for proper operation.