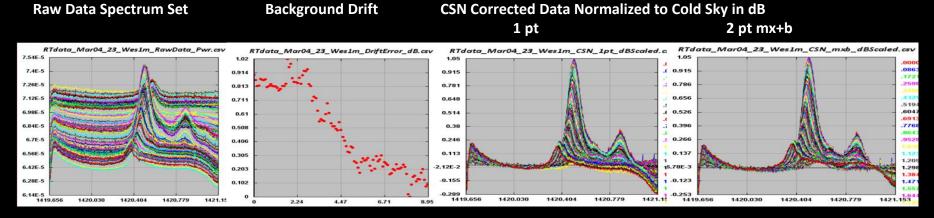
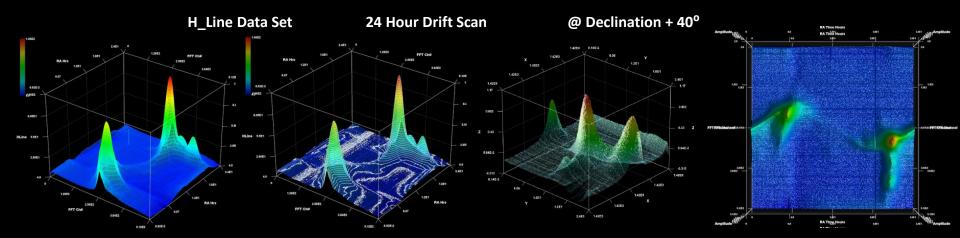
Rinearn 2D & 3D Graphics Software Guide





Processing and Graphics Software Installation

Graphics Software

JRE: Java Runtime Environment (Windows)

Java version(s): 8.0 Platform(s):

Windows 11, Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP,

https://www.java.com/en/download/help/windows_offline_download.html

Rinearn 2D & 3D Graphics Software

https://www.rinearn.com/en-us/graph2d/https://www.rinearn.com/en-us/graph3d/

download and install 2D and 3D

Graphics SoftwareRinearn 2D Graphics Software

From installation subdirectory, create Shortcut to RinearnGraph2D_5.6.30.bat and Drag Shortcut to Desktop

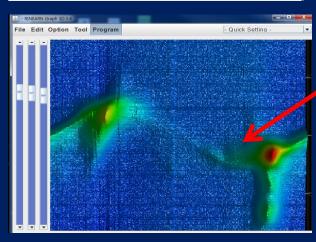
Name	Date modified	Туре	Size
AnimationInput	10/11/2024 4:05 PM	File folder	
AnimationOutput	10/L0/2024 4:05 PM	File folder	
)L bin	1//10/2024 4:05 PM	File folder	
▶ etc	.0/10/2024 4:05 PM	File folder	
<u></u> ire	10/10/2024 4:05 PM	File folder	
) lib	10/10/2024 4:05 PM	File folder	
License	10/10/2024 4:05 PM	File folder	
RinearnGraph2DProgram	10/10/2024 4:05 PM	File folder	
RinearnGraph2DQuickSetting	10/10/2024 4:05 PM	File folder	
Sample	10/10/2024 4:05 PM	File folder	
ReadMe.txt	10/10/2024 4:05 PM	Text Document	8 KB
RinearnGraph2D.jar	10/10/2024 4:05 PM	Executable Jar File	115 KB
RinearnGraph2D_5.6.30.bat	10/10/2024 4:05 PM	Windows Batch File	1 KB
RinearnGraph2D_5.6.30.bat - Shortcut	10/10/2024 4:08 PM	Shortcut	2 KB
SetMemorySize.bat	10/10/2024 4:05 PM	Windows Batch File	1 KB
UpdateJRE.bat	10/10/2024 4:05 PM	Windows Batch File	1 KB

Graphics SoftwareRinearn 3D Graphics Software

From installation subdirectory, create Shortcut to RinearnGraph3D_5.6.36.bat and Drag Shortcut to Desktop

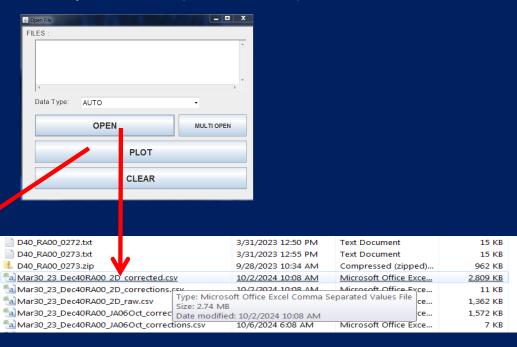
Name	Date my dified	Туре	Size
AnimationInput	8/18/2024 6:13 AM	File folder	
AnimationOutput	8/11/2024 6:13 AM	File folder	
le bin	8/18/2024 6:13 AM	File folder	
letc	/18/2024 6:13 AM	File folder	
👢 jre	8/18/2024 6:19 AM	File folder	
III lib	8/18/2024 6:13 AM	File folder	
license	8/18/2024 6:13 AM	File folder	
RinearnGraph3DProgram	8/18/2024 6:13 AM	File folder	
RinearnGraph3DQuickSetting	8/18/2024 6:13 AM	File folder	
↓ Sample	8/18/2024 6:13 AM	File folder	
ReadMe.txt	8/18/2024 6:13 AM	Text Document	8 KB
Rinearn Graph 3D. jar	8/18/2024 6:13 AM	JAR File	220 KB
RinearnGraph3D_5.6.36.bat	8/18/2024 6:13 AM	Windows Batch File	1 KB
RinearnGraph3D_5.6.36.bat - Shortcut	8/18/2024 6:20 AM	Shortcut	2 KB
SetMemorySize.bat	8/18/2024 6:13 AM	Windows Batch File	1 KB
UpdateJRE.bat	8/18/2024 6:13 AM	Windows Batch File	1 KB

File Edit Option Tool Program Open File Open Data Save Data Save Image Save Setting Load Setting

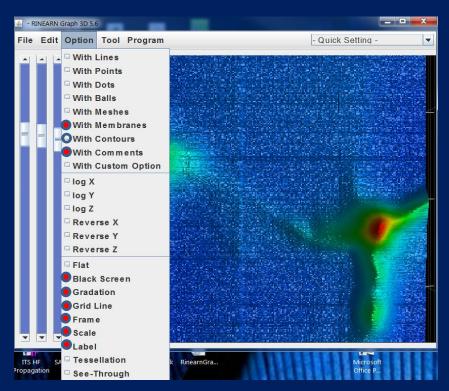


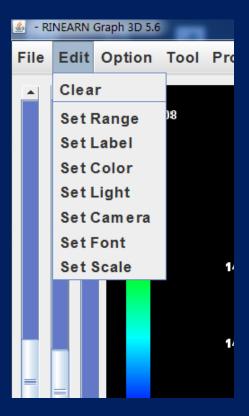
Rinearn 3D Software Guide

Open File: OPEN (locate *.CSV file), Select, PLOT

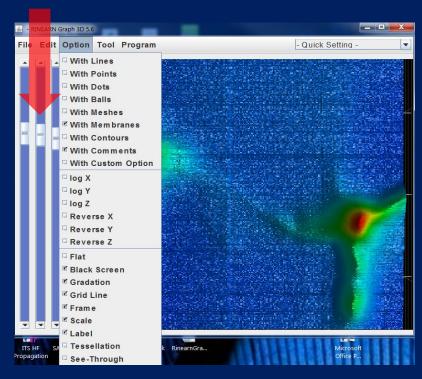


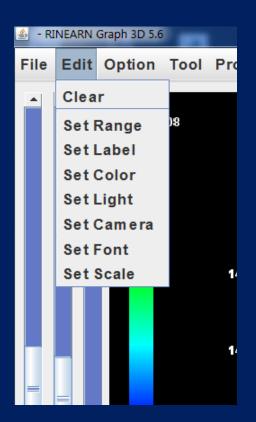
Option panel: typical selections





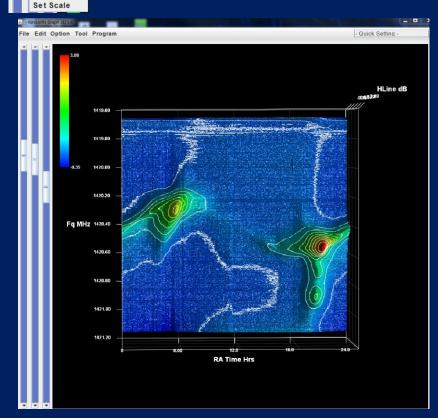
Sliders Change the Size of the Displayed Plot





File Edit Option Clear Set Range Set Label Set Color Set Light Set Camera Set Font

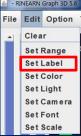
Edit / Set Range



Disable all 'Auto' options
Select 'Else' and enter formats as shown below
to properly label frequencies & Time
Set max min to round numbers for better labeling



Edit / Set Label



- Quick Setting HLine dB 1419.80 -0.35 1420.00 1420.20 Fq MHz 1420.40 1420.60 1420.80 1421.00 1421.20 RA Time Hrs

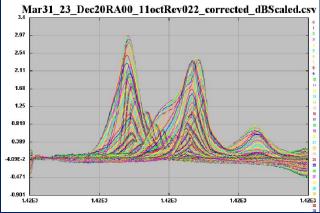
Label the X Y Z axes as appropriate

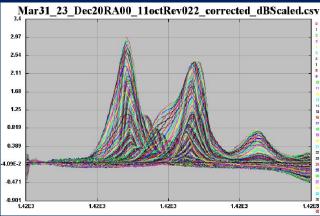
- Set Label	_ D X
- X Axis - Label: Freq MHz	
- Y Axis - Label: FileFrame No	
- Z Axis - Label: H Line dB	
SET	

File Edit Option Clear Set Range Set Label Set Color Set Light Set Camera Set Font

Set Scale

Edit / Set Color





Color Settings are useful for **2D** graphics, But seem to have no effect on the **3D** display

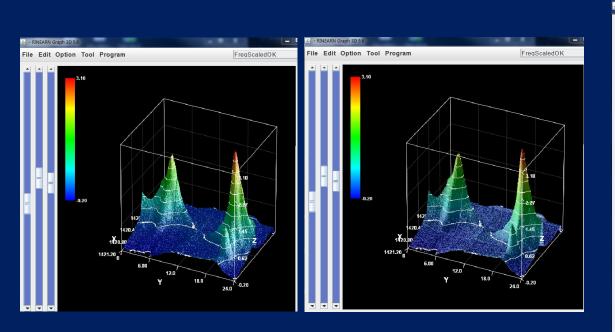


File Edit Option Clear Set Range Set Label Set Color Set Light Set Camera Set Font

Set Scale

Edit / Set Light

This is an interesting set of 3D display controls Experiment!

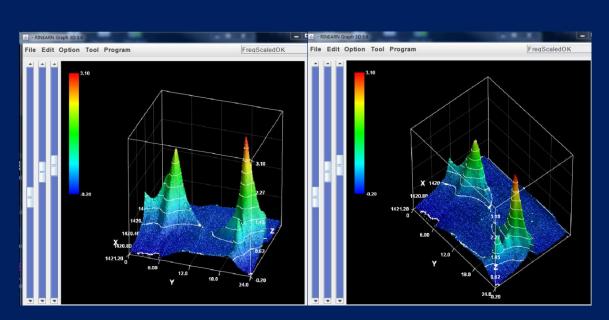




Set Range Set Label Set Color Set Light Set Camera Set Scale

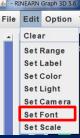
Edit / Camera

Camera set the Viewing Position from which the 3D Graph is seen Try different options





Edit / Set Font



HLine dB -0.35 1420.00 1420.20 Fq MHz 1420.40 1420.60 1420.80 1421.00 1421.20 **RA Time Hrs**

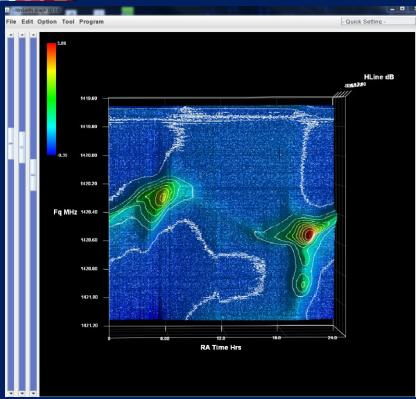
Select **Font** parameters as you wish .

Select Fonts



Edit / Set Scale

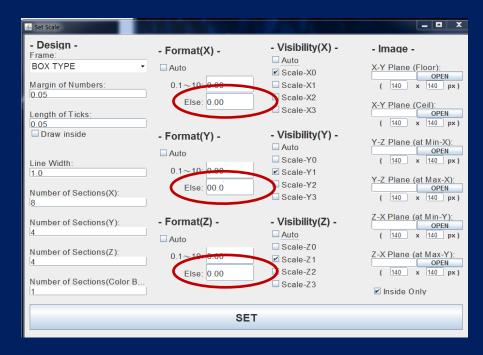
Set Range
Set Label
Set Color
Set Light
Set Camera
Set Font
Set Scale



Disable all 'Auto' options
Select 'Else' and enter formats as shown below
to properly label frequencies & Time

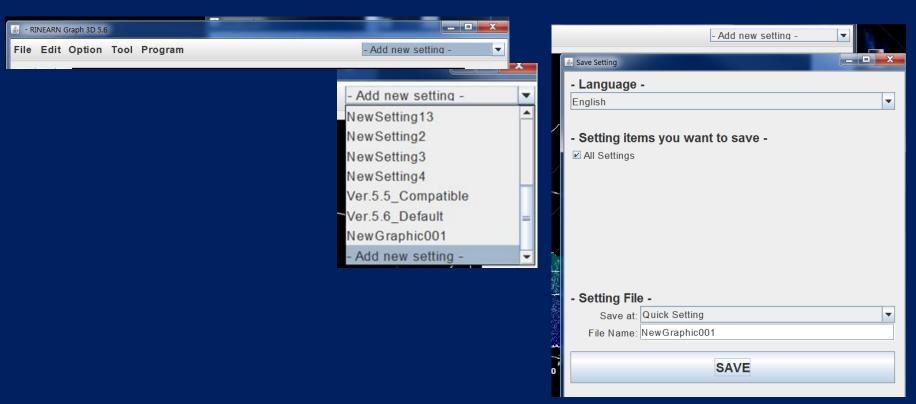
Select the **Number of Sections** to make the plot increments Show 'round' numbers.

(Image allow you to display a photo at a location)



Add new setting

You can save All graphic Settings to Named Quick Settings



Understanding the 3D Graphics PLOT

This is not intended to be a detailed explanation, but a starting point for researching the topics

