



**REW**

Some functions



# Help

- [REW help](#)
- [Official REW \(Room EQ Wizard\) Support Forum](#)

# [Measurement REW 5.19]

The screenshot shows the REW 5.19 software interface. The main menu bar includes File, Tools, Preferences, Graph, Help, and Donate. Below the menu bar are icons for Measure, Open, Save All, Remove All, and Info. On the right side, there are icons for IR Windows, SPL Meter (showing 83 dB SPL), Generator, Levels, Overlays, RTA, EQ, and Room Sim.

Annotations with red arrows point to specific parts of the interface:

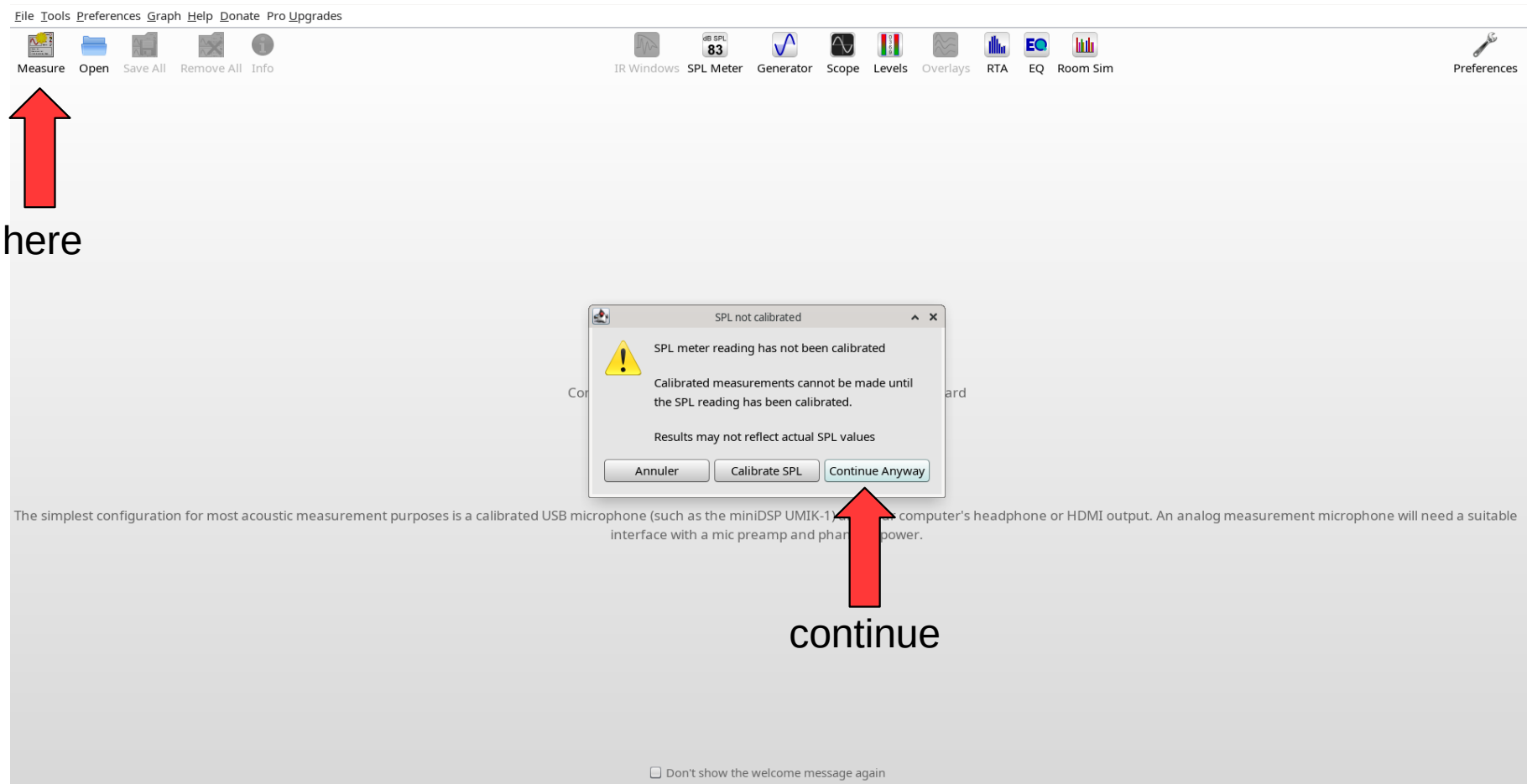
- A red arrow points to the **Measure** icon in the top-left toolbar, with the text "here" below it.
- A red arrow points to the **check settings** text, which points to the "Measure using 256k log sweep from 0 Hz to 20 000 Hz at -20,0 dB taking 5,5 s" section of the "Make a measurement" dialog.
- A red arrow points to the **check level** text, which points to the "Check Levels" button in the "Make a measurement" dialog.
- A red arrow points to the **start** text, which points to the "Start Measuring" button in the "Make a measurement" dialog.

The "Make a measurement" dialog box is open, showing the following settings:

- SPL** (selected) / Impedance
- No timing reference
- Measure using 256k log sweep from 0 Hz to 20 000 Hz at -20,0 dB taking 5,5 s
- Start Freq (Hz): 0, End Freq (Hz): 20 000, Level (dBFS): -20,0, Length: 256k, Sweeps: 1, Total Time: 5,5s
- Output: Default Output, R
- Input: L
- Buttons: Check Levels, Start Measuring, Annuler
- Start Delay: 0
- SPL limit (dB): 100
- ☒ Abort if excessive clipping occurs
- Ready to measure...
- Progress bar: 0 %

On the right side of the dialog, there are three vertical level meters labeled "Out", "In", and "Ref In", each with a scale from 0 to -60 dBFS.

# [Measurement REW 5.20 1/3]



# [Measurement REW 5.20 2/3]

The screenshot shows the REW 5.20 software interface. A central 'Make a measurement' dialog box is open, with the 'SPL' tab selected. The dialog contains various settings for a measurement, including Name, Range, Level, Method, Settings, Timing, Protection, Playback, Sample rate, Measurements, Delay, Output, and Input. A red arrow points to the 'here' text in the main window, which is located near the 'Measure' button. Another red arrow points to the 'adjust settings' text, which is located near the 'Start' button. A third red arrow points to the 'check' text, which is located near the 'Check levels' button. A fourth red arrow points to the 'start' text, which is located near the 'Start' button. The background shows a graph of a measurement result, with a red line indicating the frequency response. The graph has a frequency axis from 4k to 20kHz and a level axis from -60 to 0 dB. The level is currently at -25,00 dBFS. The graph also shows a '66 deg' label and a 'dB' label.

here

adjust settings

check

start

# [Measurement REW 5.20 3/3]

Method: **Sweep** **Noise**

Settings: Length: 256k Repetitions: 1 5,5 s

Timing: No timing reference  
Set t=0 at IR peak

Protection: ☒ Abort if heavy input clipping occurs  
☐ Abort above SPL limit 100 dB

Playback: **From REW** **From file**

Sample rate: 48 kHz

Measurements: 1 Delay: 0 seconds

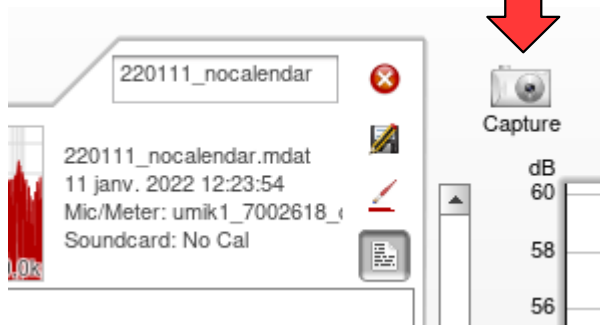
Output: Default Output L

Settings

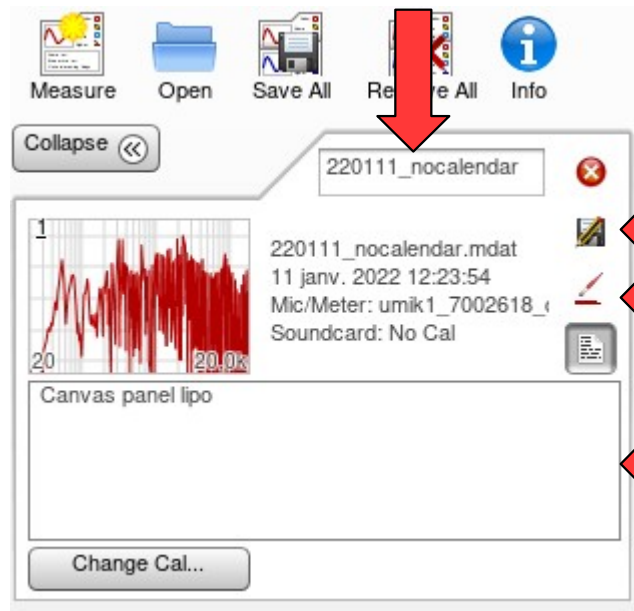
# Save



snapshot



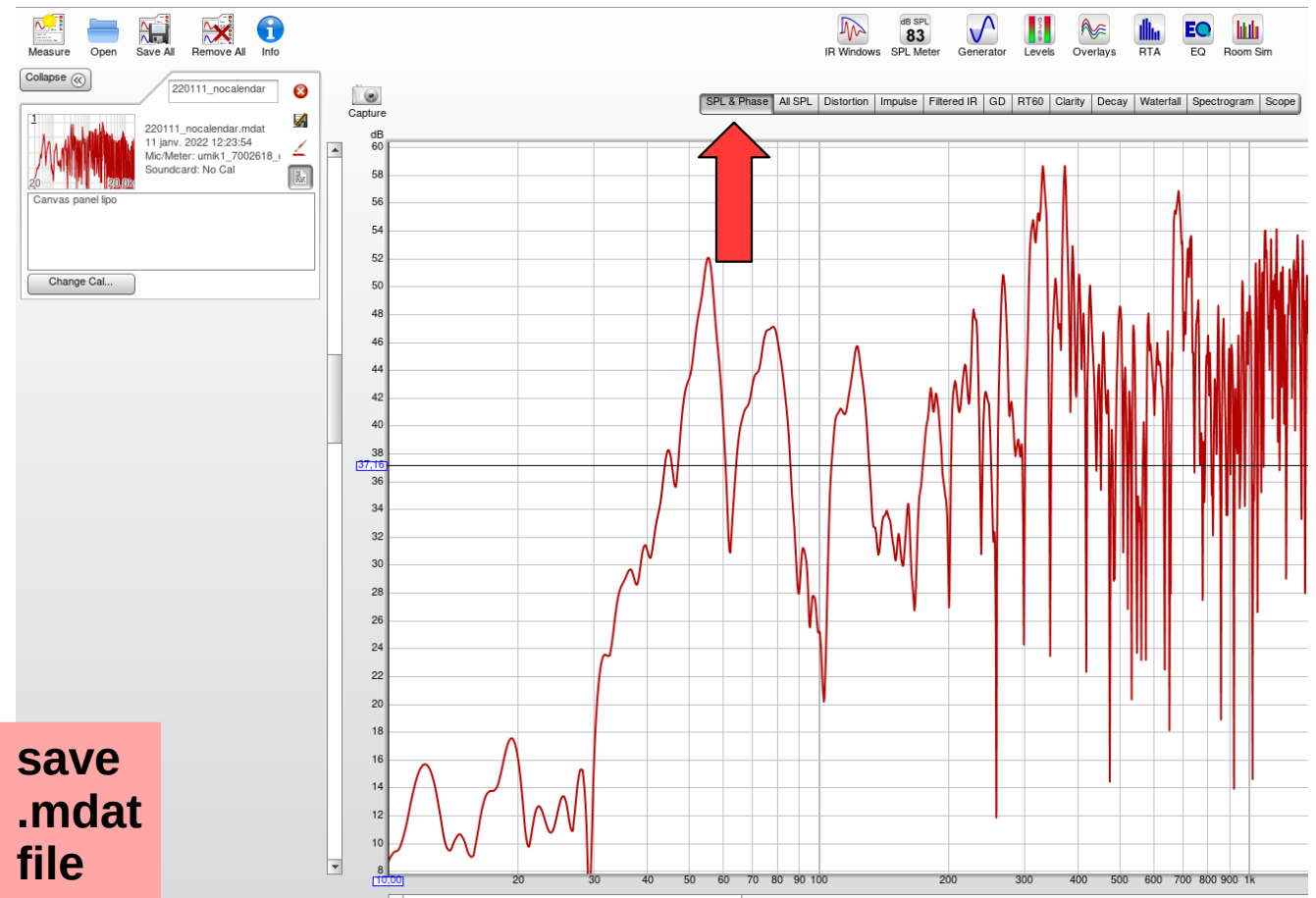
curve name



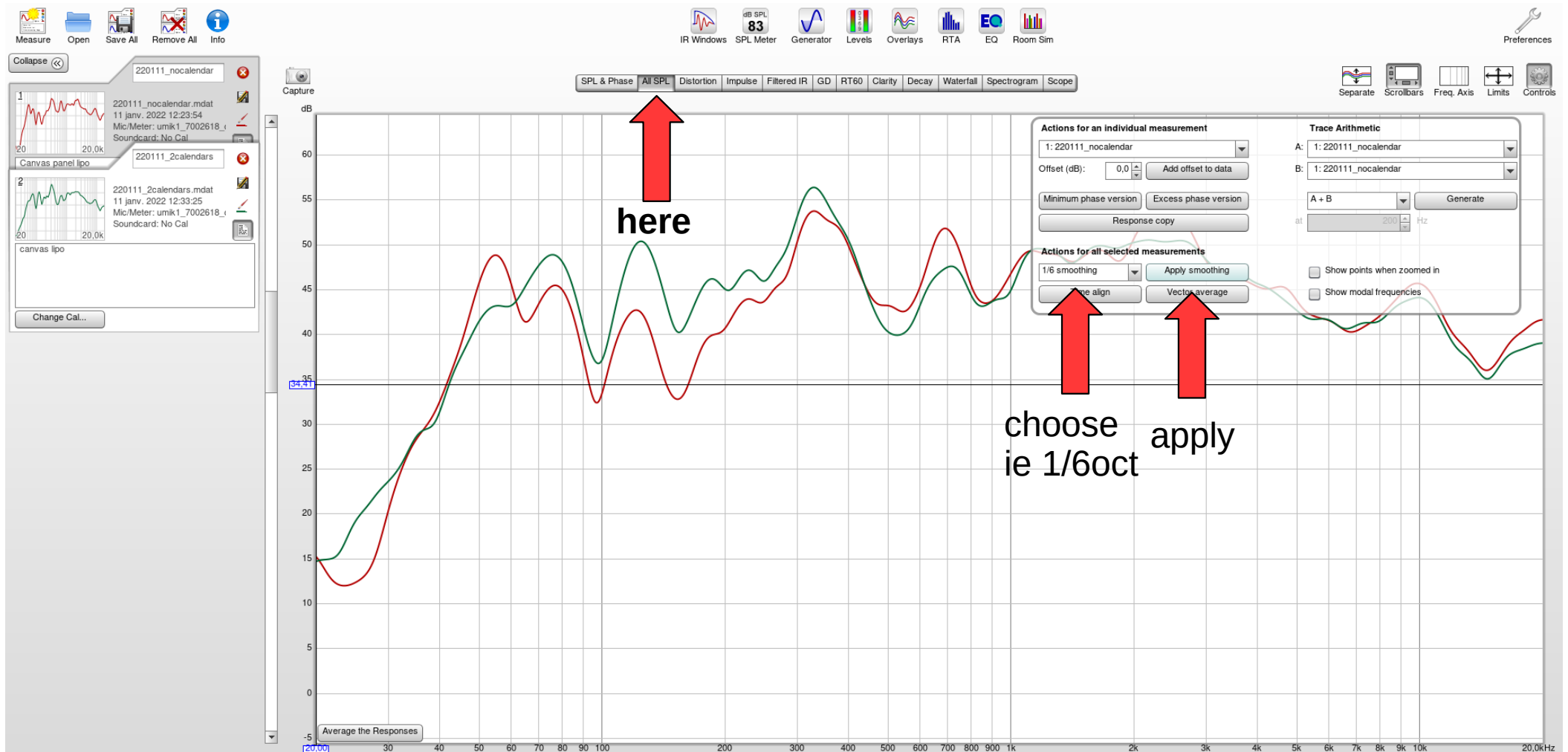
save  
.mdat  
file

curve color

notes

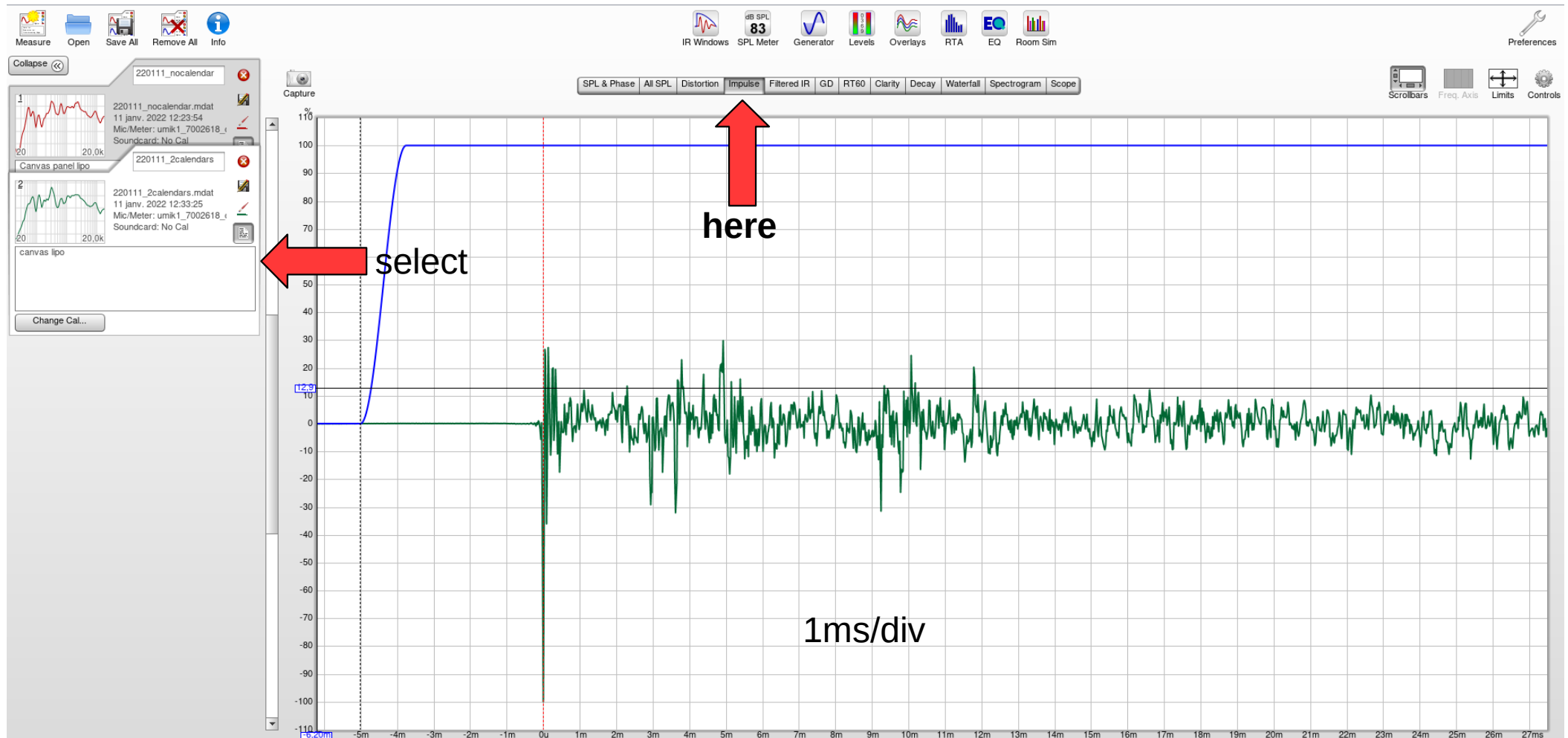


# [All SPL] + smoothing

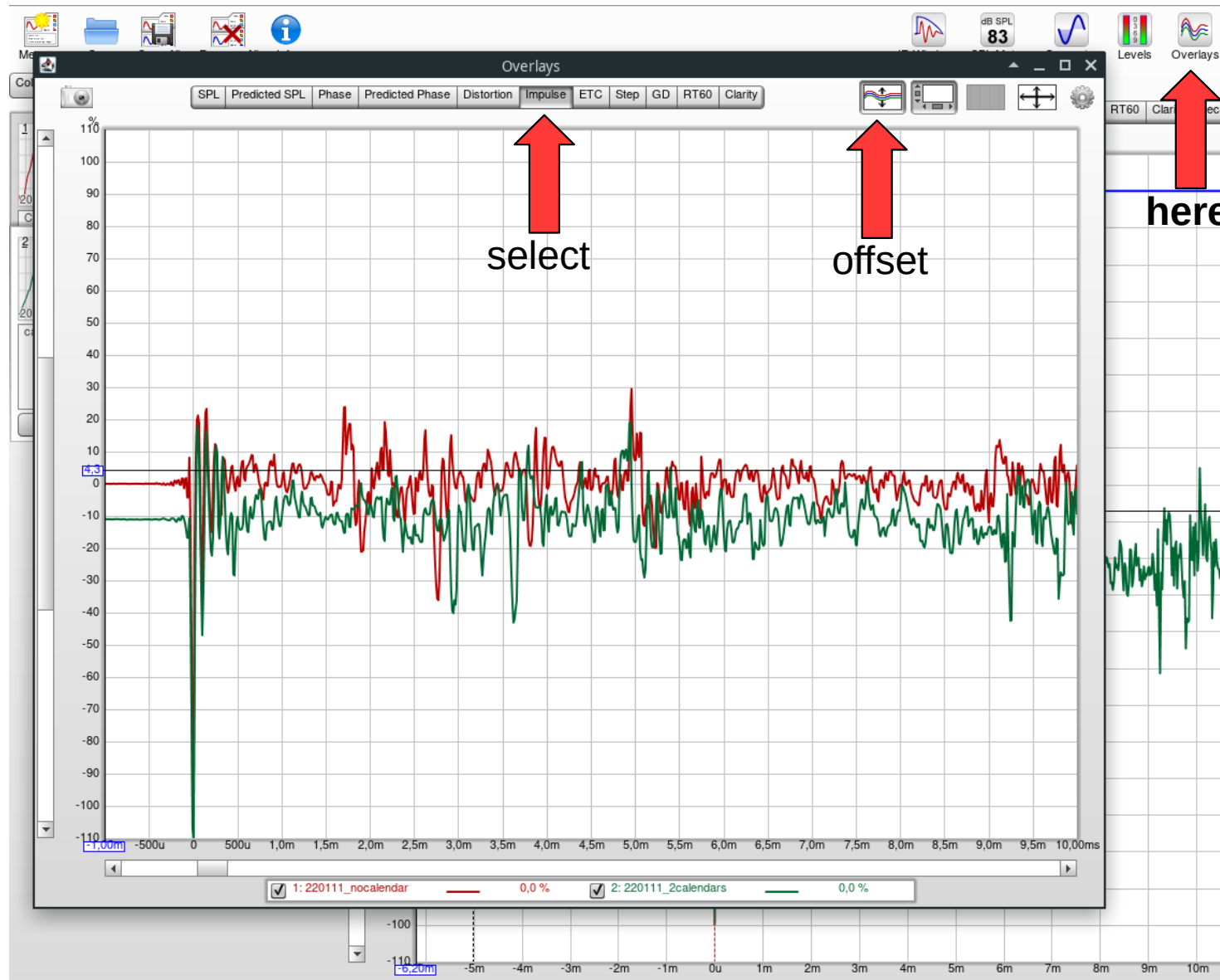




# One IR ([Impulse] Response)

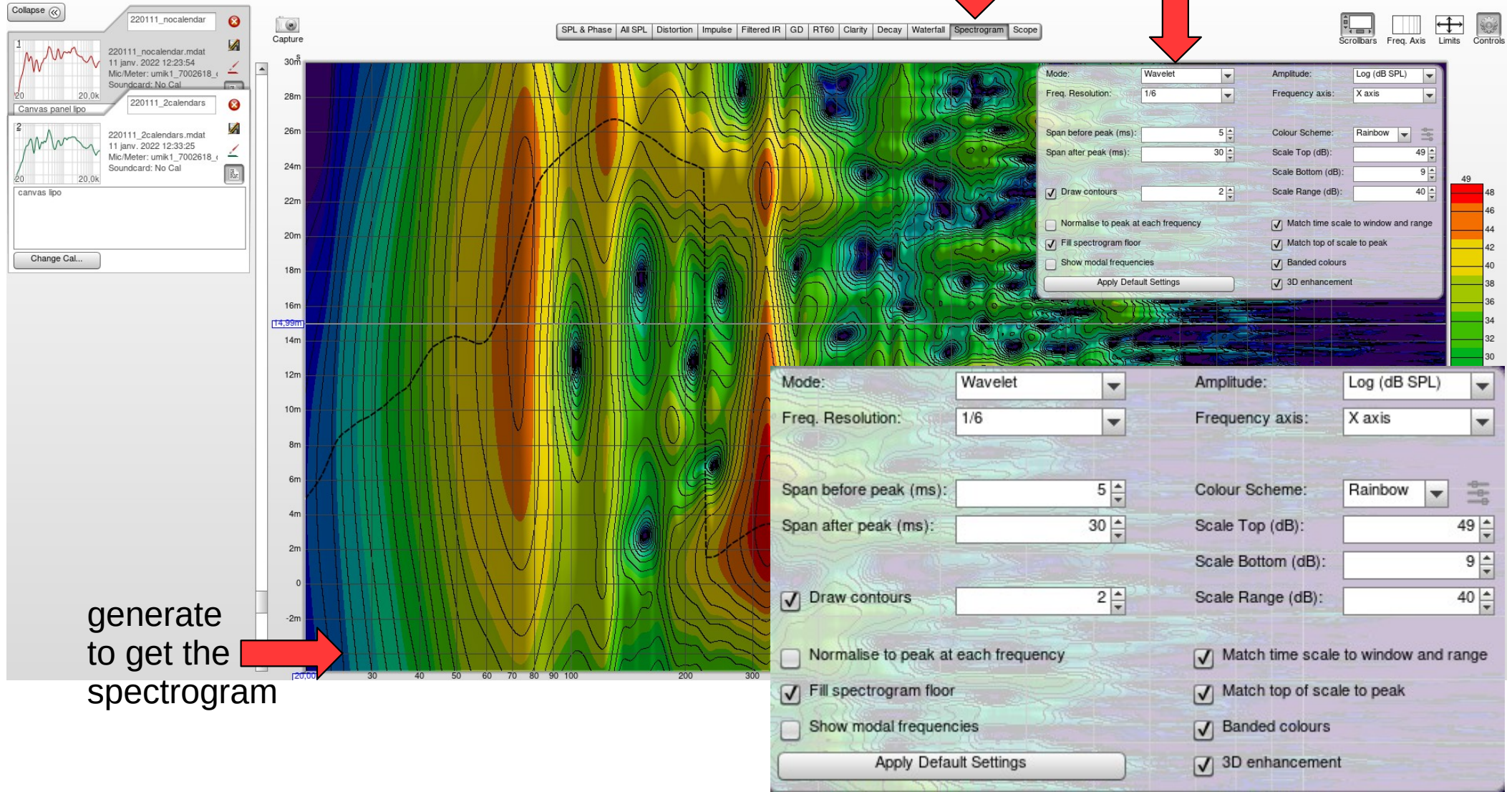


# Several curves (ie IR) [overlays]

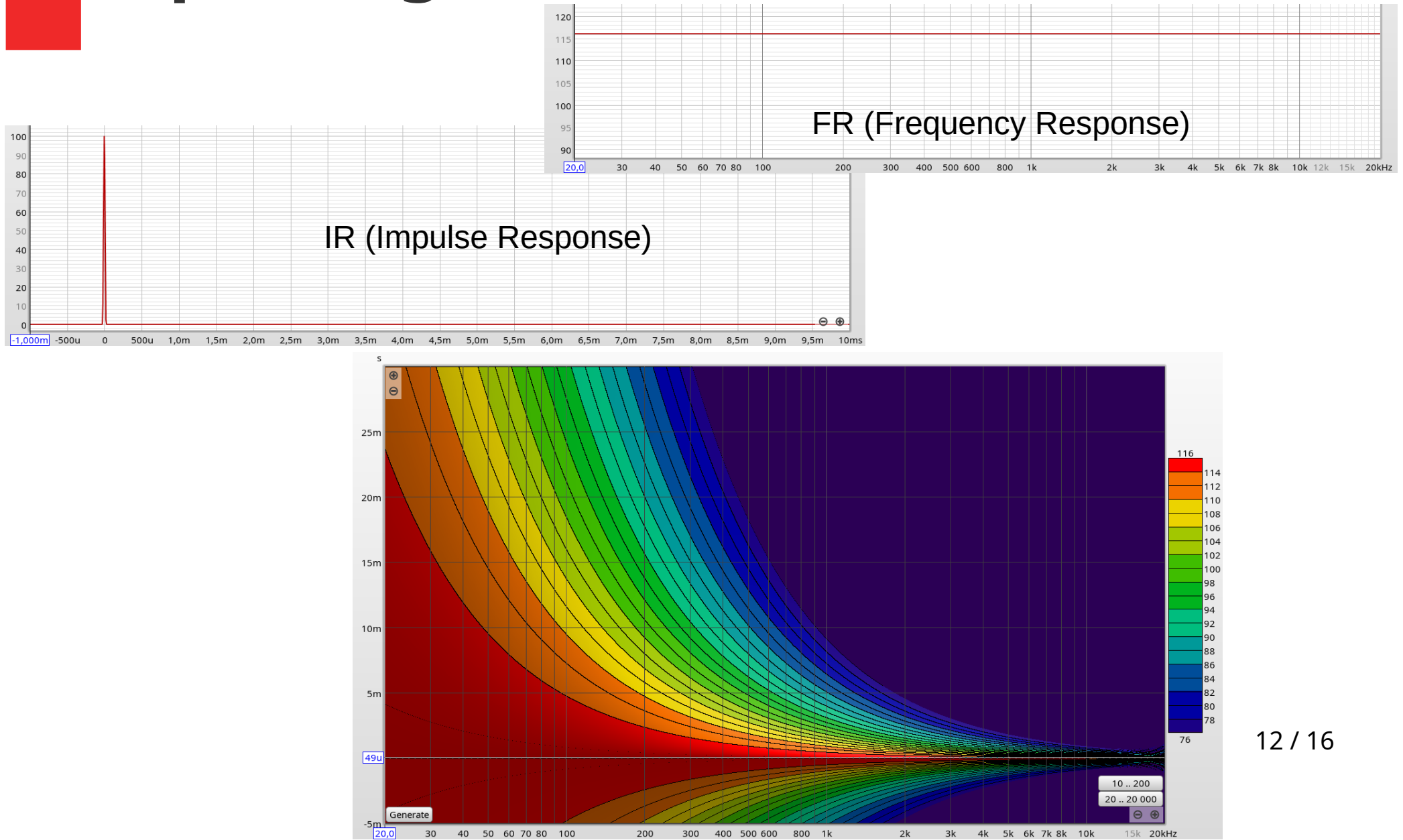


# [Spectrogram] wavelet

parameters  
wavelet 1/6oct

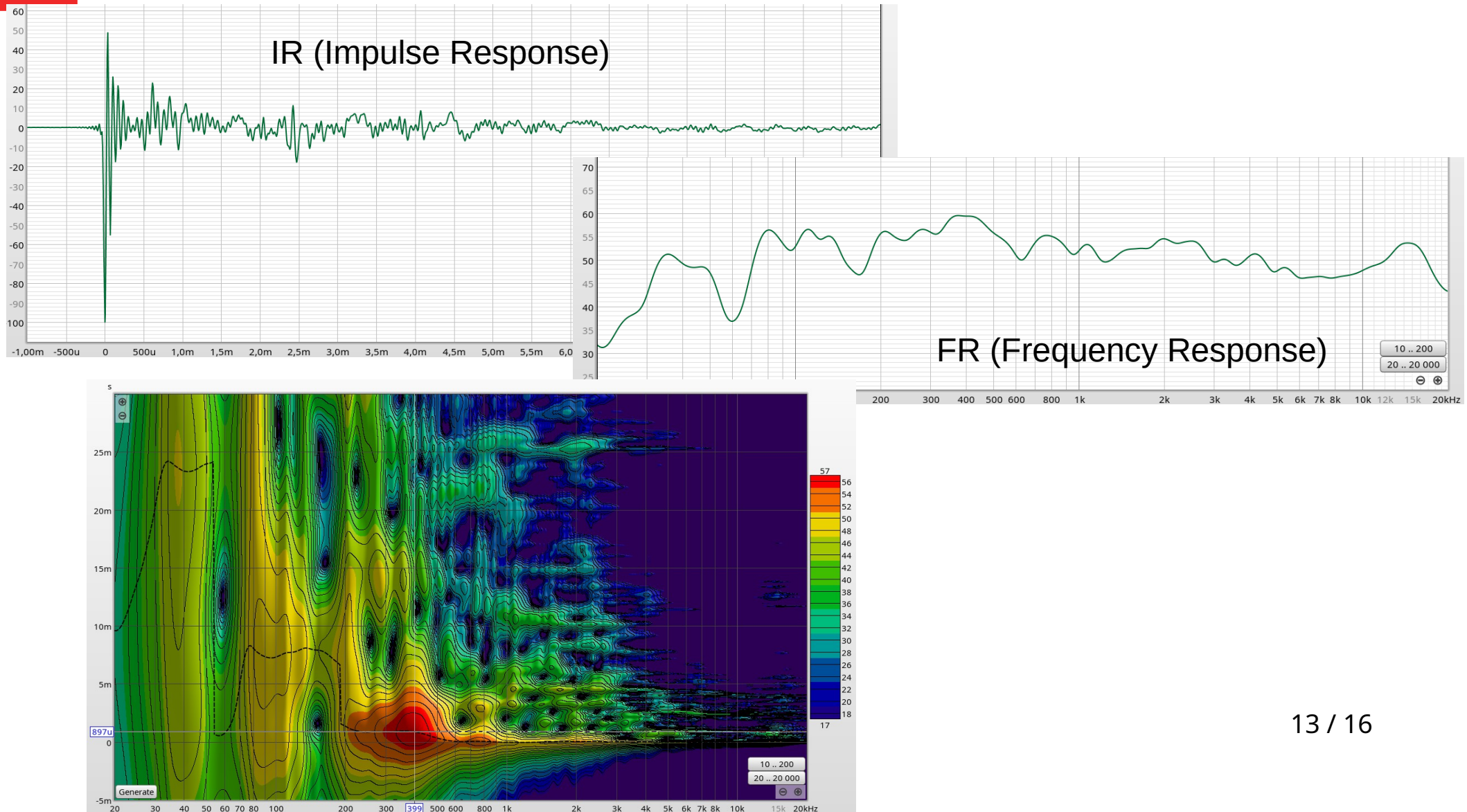


# [Spectrogram] wavelet (Dirac)

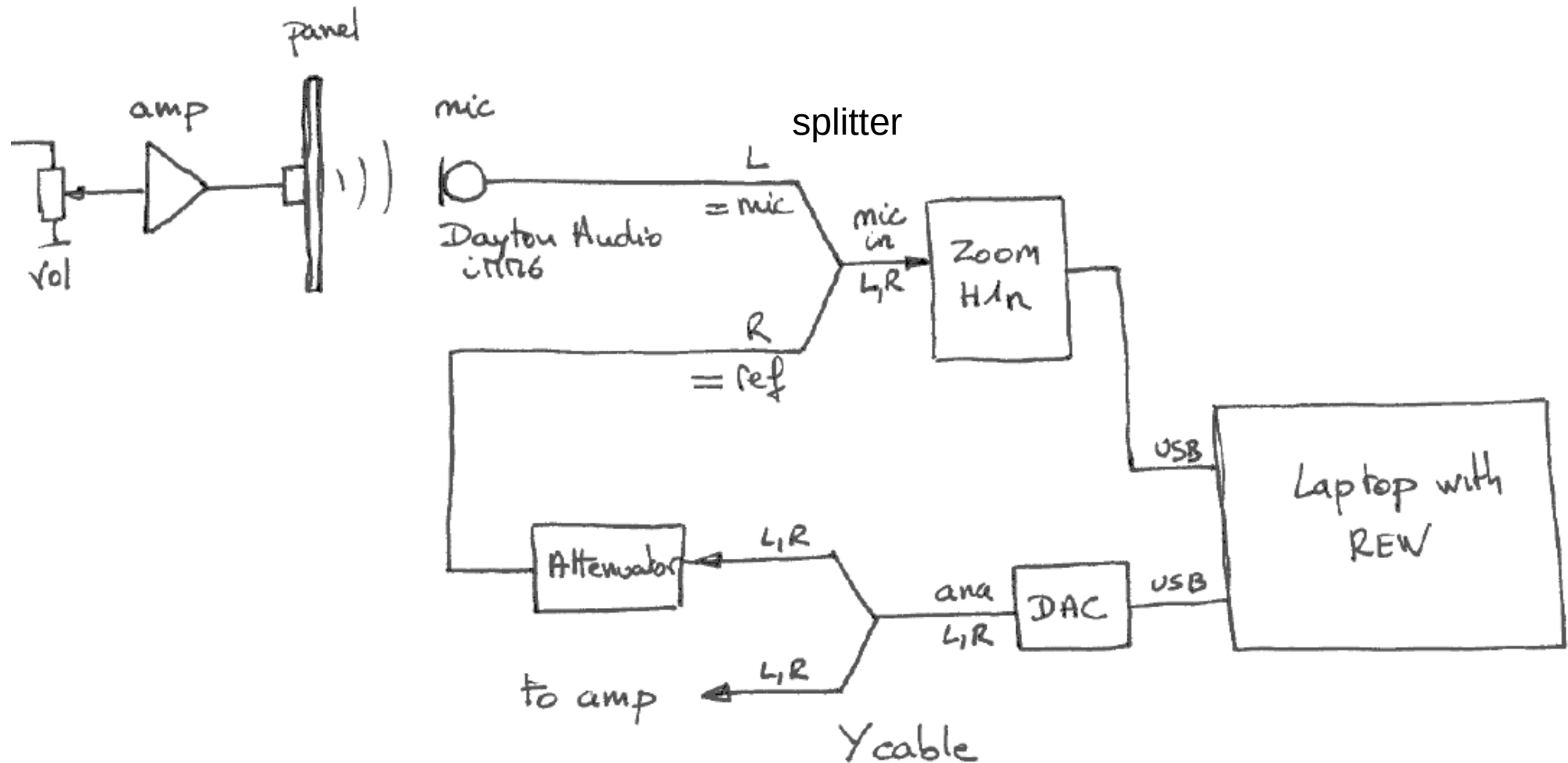




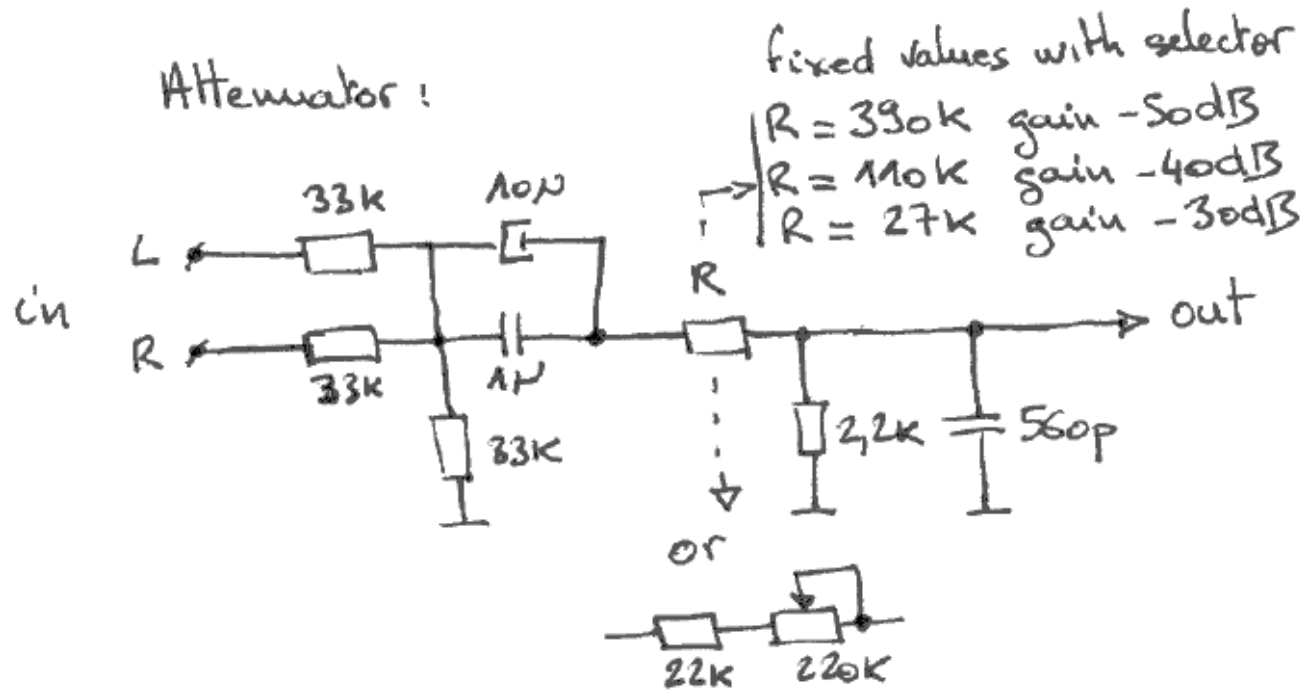
# [Spectrogram] wavelet (real IR)



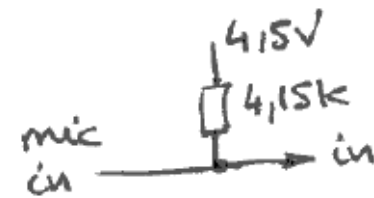
# [Wiring] external time reference



# [Wiring] external time reference



H1n mic in (1channel)



1.10.2022

# [Wiring] external time reference

Make a measurement

Method: **Sweep** **Noise**

Settings: Length: 256k Repetitions: 1 5,5 s

Timing: Use loopback as timing reference Timing offset: 0,0000 ms

Protection: ☒ Abort if heavy input clipping occurs ☐ Abort above SPL limit 100 dB

Playback: **From REW** **From file**

Sample rate: 48 kHz

Measurements: 1 Delay: 0 seconds

Output: Default Output L+R

Ref output: Default Output R

Ref input: L

Input: Default Input R

Cal files...

Check levels Start Annuler

choose loopback

[https://www.roomeqwizard.com/betahelp/help\\_en-GB/html/makingmeasurements.html#aacousticref](https://www.roomeqwizard.com/betahelp/help_en-GB/html/makingmeasurements.html#aacousticref)

output on both signal  
(disconnect then one speaker)

L chosen as ref = attenuator in

R chosen as Mic in