



GALAXY 51 “DEV’S ROOM” LAYOUT & ACOUSTIC TREATMENT

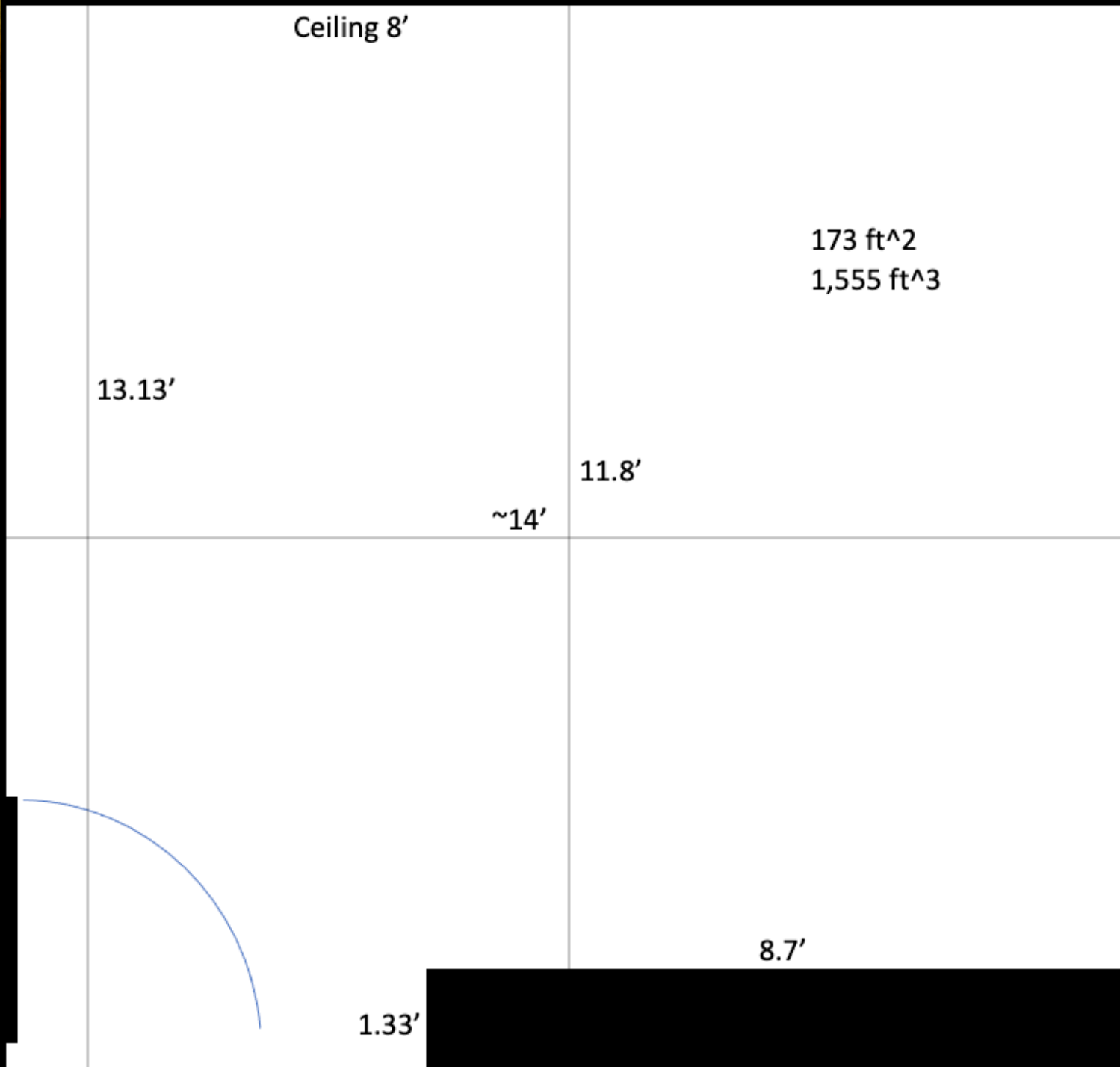
Dave Williams aka Krakadon

1707 NW 36th Ave Camas, WA 98607 – May 27th, 2023



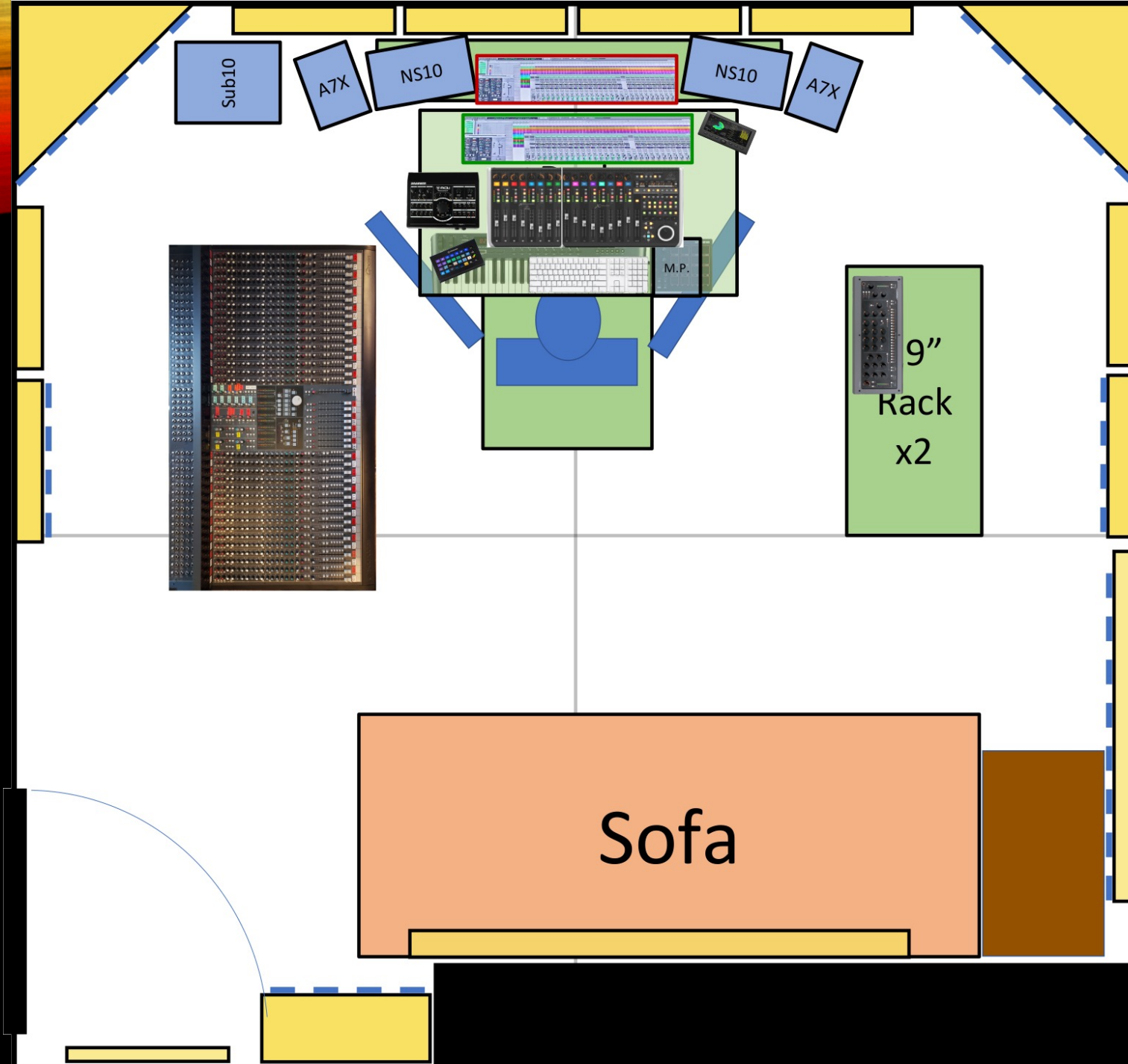
ROOM PICTURES





ROOM DESCRIPTION

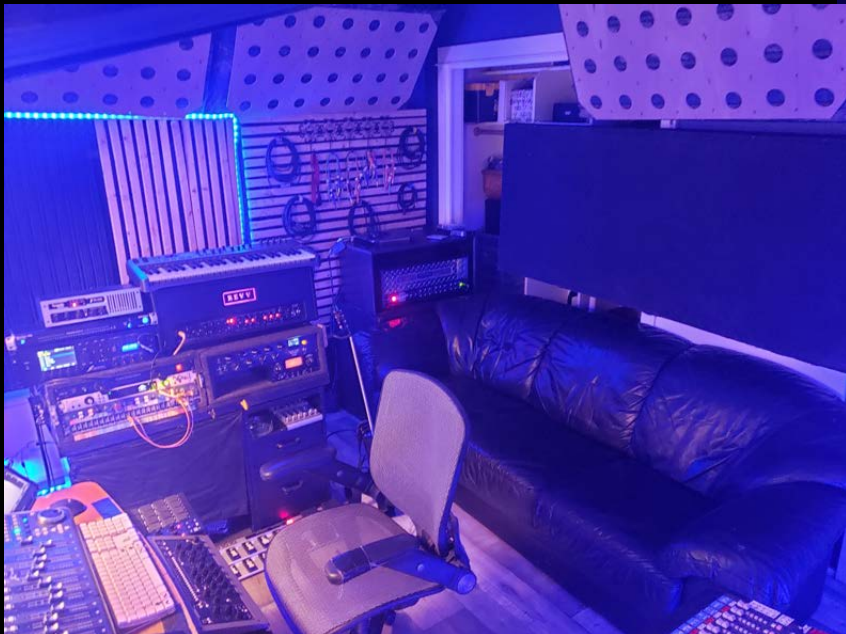
Upstairs bedroom, one door and one window, on one wall a wide closet the protrudes into the room with doors removed, carpeted, wainscot and chair rail moldings, knock-down finished ceiling

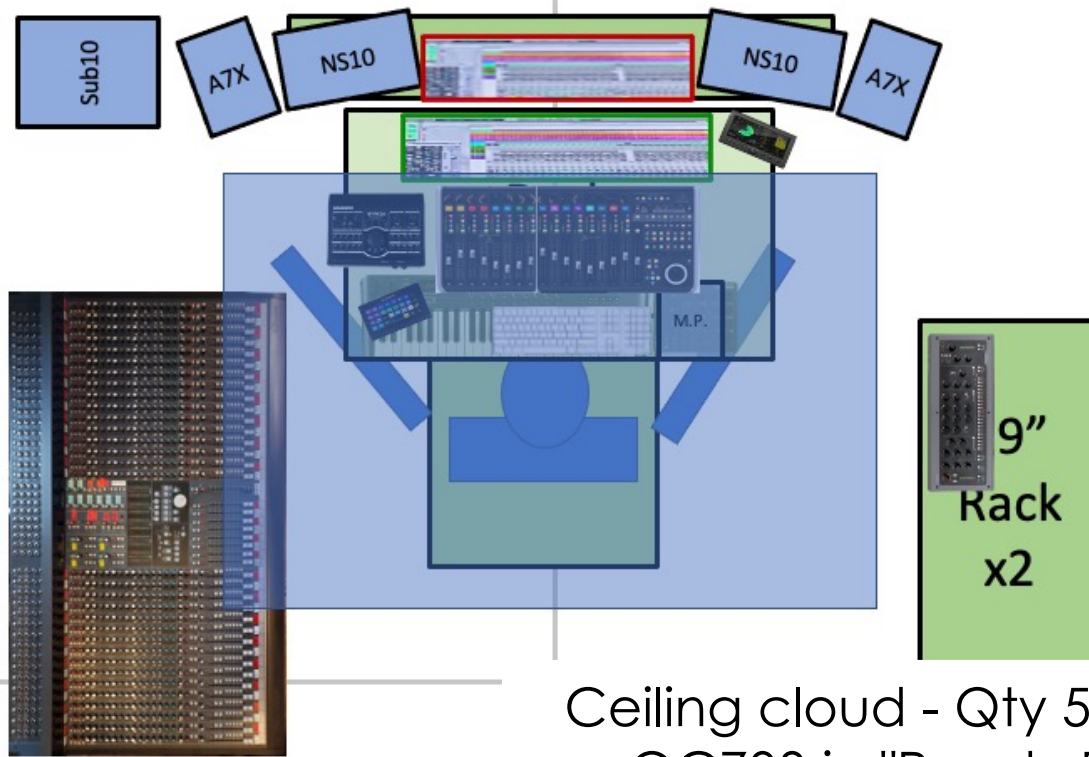


ROOM LAYOUT



ROOM AS
FURNISHED



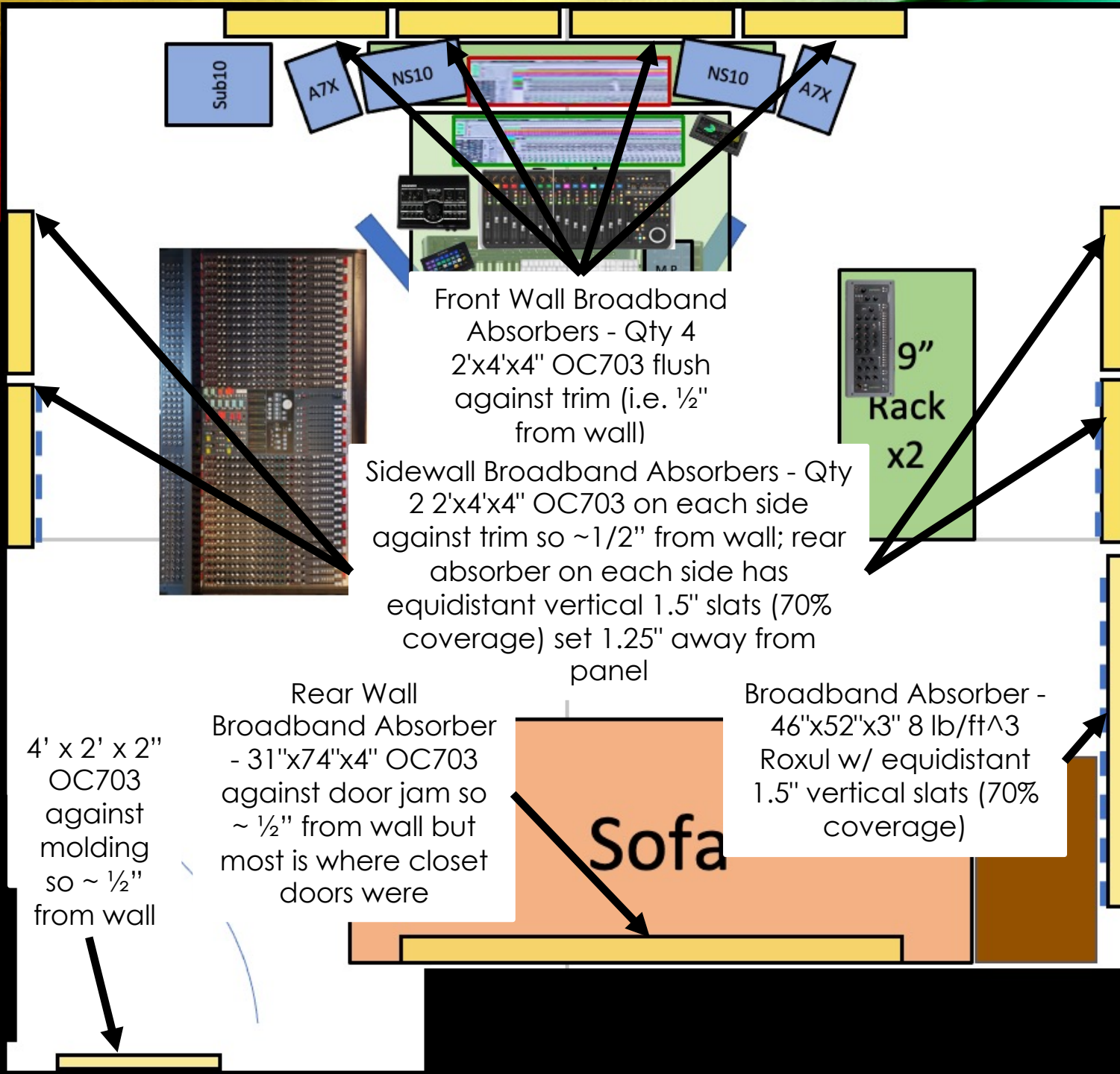


Ceiling cloud - Qty 5 2'x4'x4" OC703 in "Ready Bags" collected in a frame so left & right side are 8" thick and center part is 4" thick, total cloud is 4' x 6' suspended from ceiling angled down from the center towards the front

CEILING CLOUD



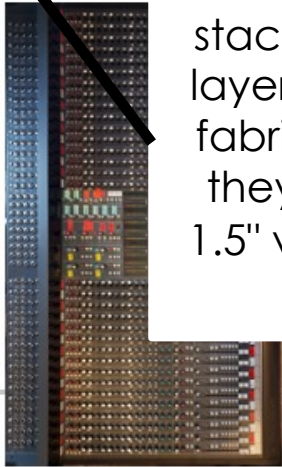
BROADBAND ABSORPTION



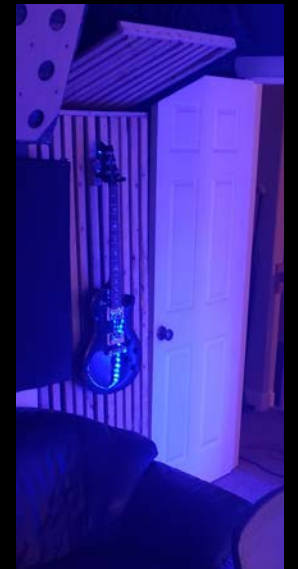
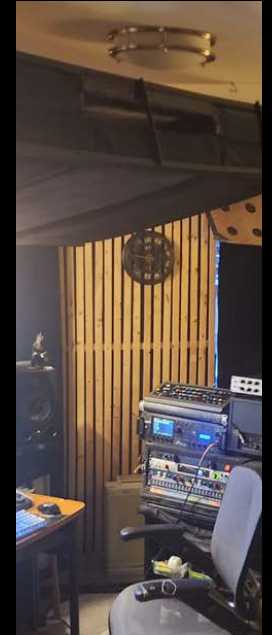
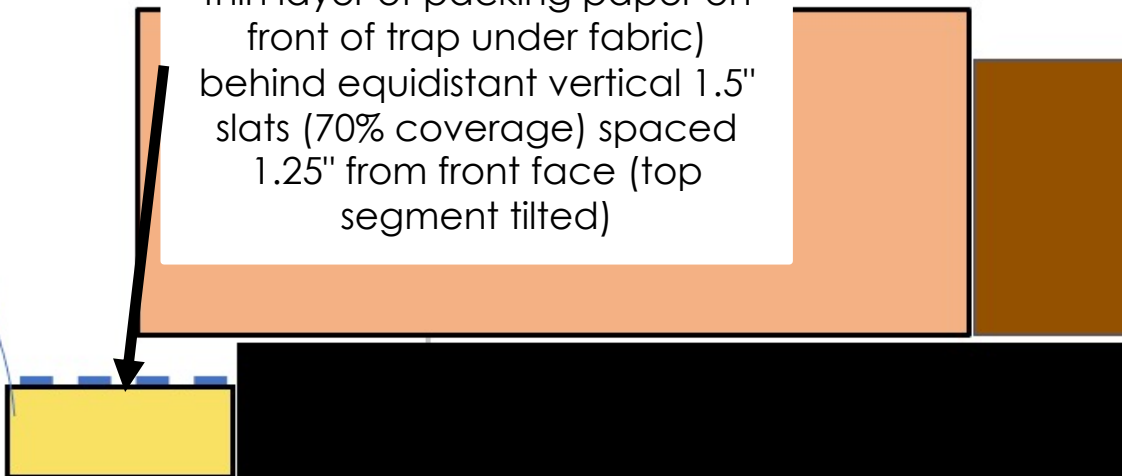
BASS TRAPS



Front Corner Bass Traps - 8' "Superchunk" traps - stacked 24"x24"x34" OC703 triangles (very thin layer of packing paper on front of traps under fabric) (molding and frames each add 1/2" so they sit 1" off of the walls) behind equidistant 1.5" vertical slats (70% coverage) spaced 1.25" from front face



Left Rear Corner Bass Trap - 8'10"x2'x1' deep OC703 (very thin layer of packing paper on front of trap under fabric) behind equidistant vertical 1.5" slats (70% coverage) spaced 1.25" from front face (top segment tilted)



TOP CORNER TREATMENTS

8" thick
"superchunk"

8" thick
"superchunk"

Side and Rear Wall Ceiling
Corner Traps - 2'x4'x8" OC703
w/ tapered rear corners
straddling wall-ceiling
corners, 2 plastic bags of <2
lb/ft³ Roxul/OC703 blend
fluff behind each trap;
2'x4'x3/16" wood panel faces
(horizontal orientation) with
equidistant 2.5"d circles (70%
coverage)

9"
Rack
x2

Sofa





Adam A7X 2-Way Active
Near Fields + Sub10 MkII
Active Subwoofer
Full-Range Speaker System

MONITORING

Yamaha NS-10M
Studio 2-Way Passive
Near Fields

Hafler TransNova
P3000 Power Amp



Hafler



Drawmer mc3.1
Monitor Controller



Avantone
Active
Mixcubes



ACOUSTIC MEASUREMENTS (UNTREATED)



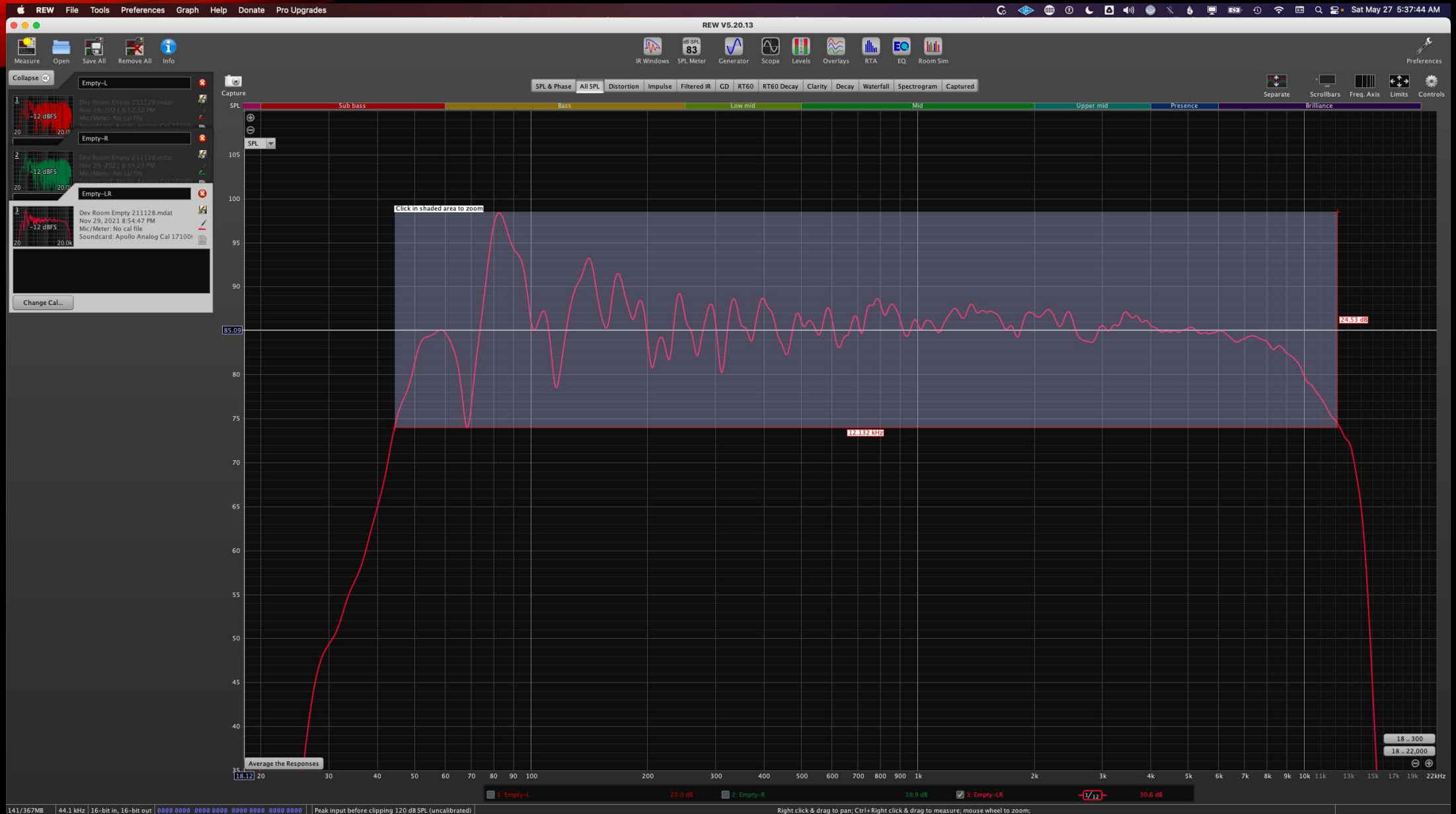
ACOUSTIC MEASUREMENTS (UNTREATED)



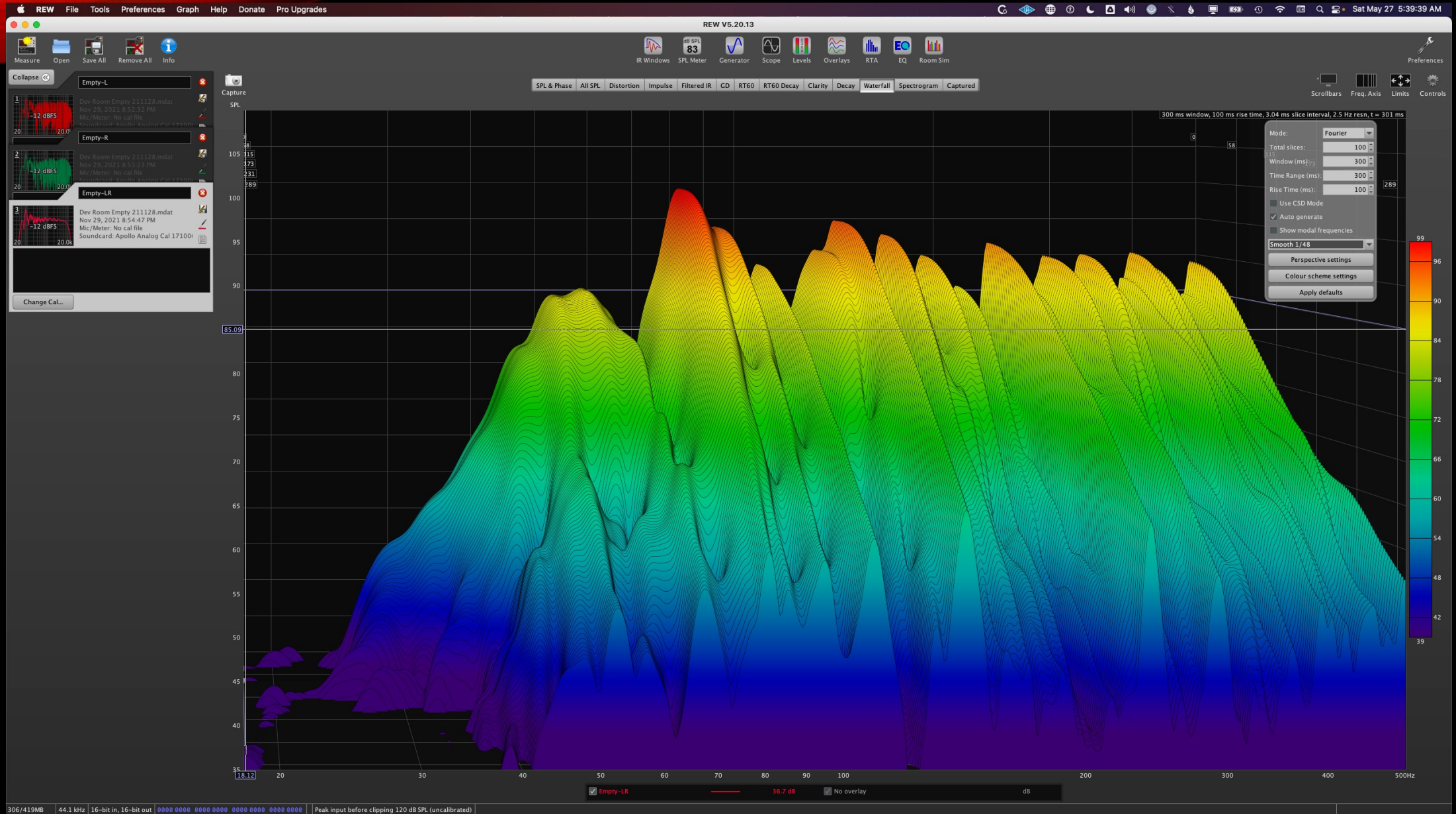
ACOUSTIC MEASUREMENTS (UNTREATED)



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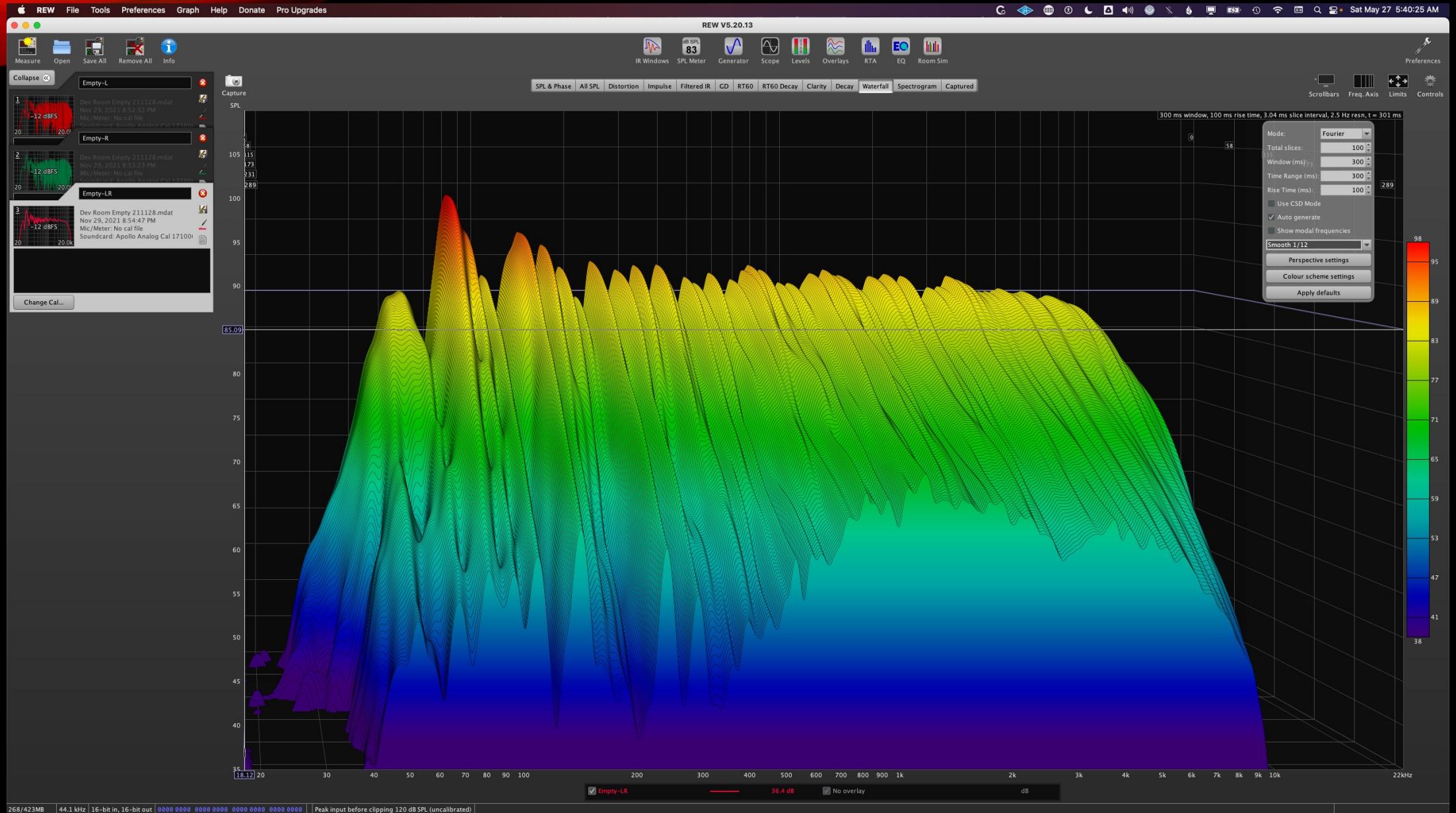


ACOUSTIC MEASUREMENTS (UNTREATED)



The screenshot displays the REW (Room EQ Wizard) software interface. The main window shows a 3D waterfall plot of an impulse response, with frequency on the vertical axis (35 to 100 kHz) and time on the horizontal axis (0 to 10 ms). The plot is color-coded by amplitude, with a color bar on the right ranging from 39 to 99 dB. The interface includes a top menu bar, a toolbar with various analysis tools, a left sidebar for file management, and a right sidebar with settings for the current plot. The status bar at the bottom shows system information and the current file name 'Empty-LR'.

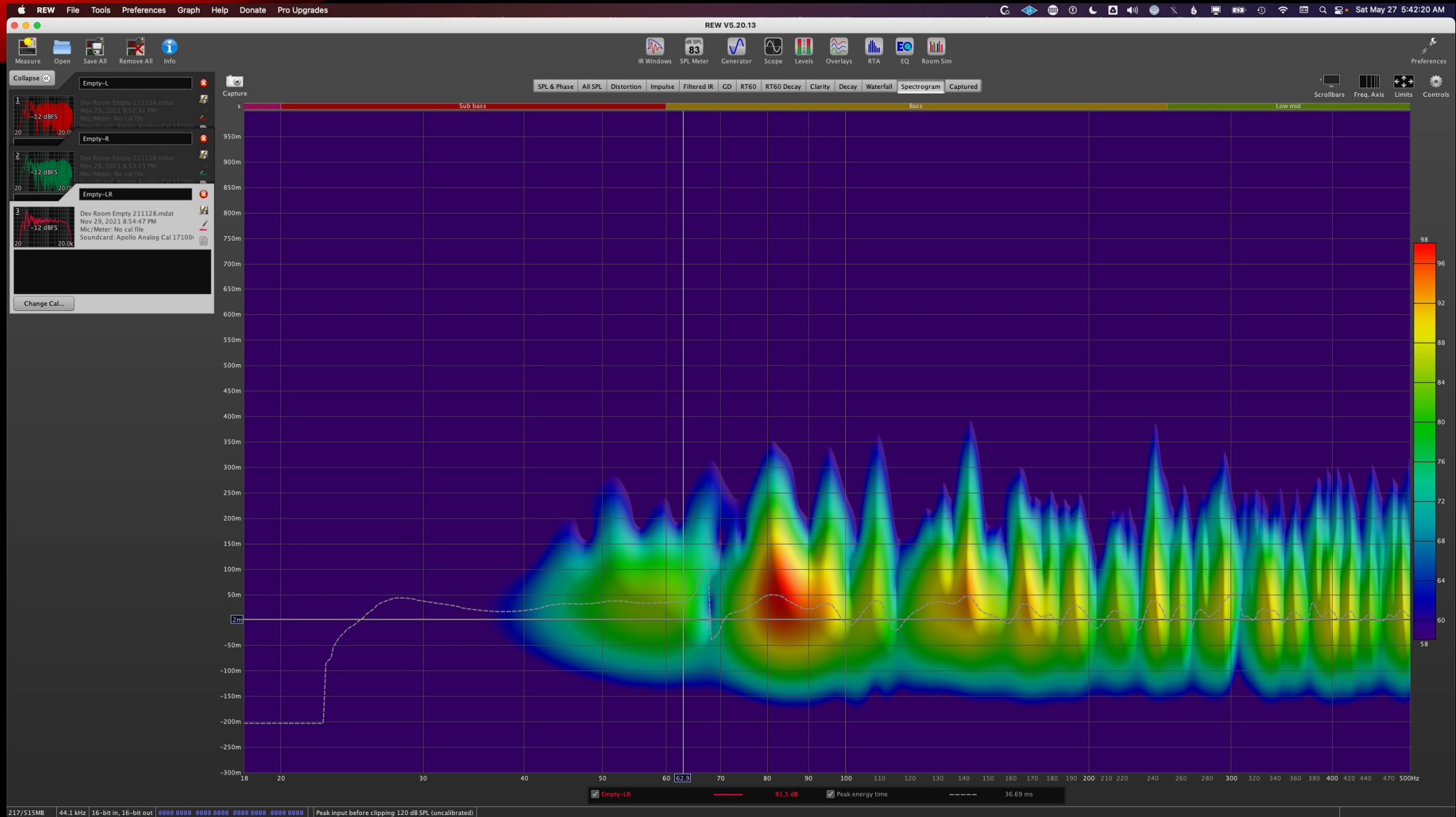
ACOUSTIC MEASUREMENTS (UNTREATED)



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