



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

Dave Williams aka Krakadon

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



ROOM PICTURES



Ceiling 8'

13.13'

~14'

11.8'

173 ft²
1,555 ft³

8.7'

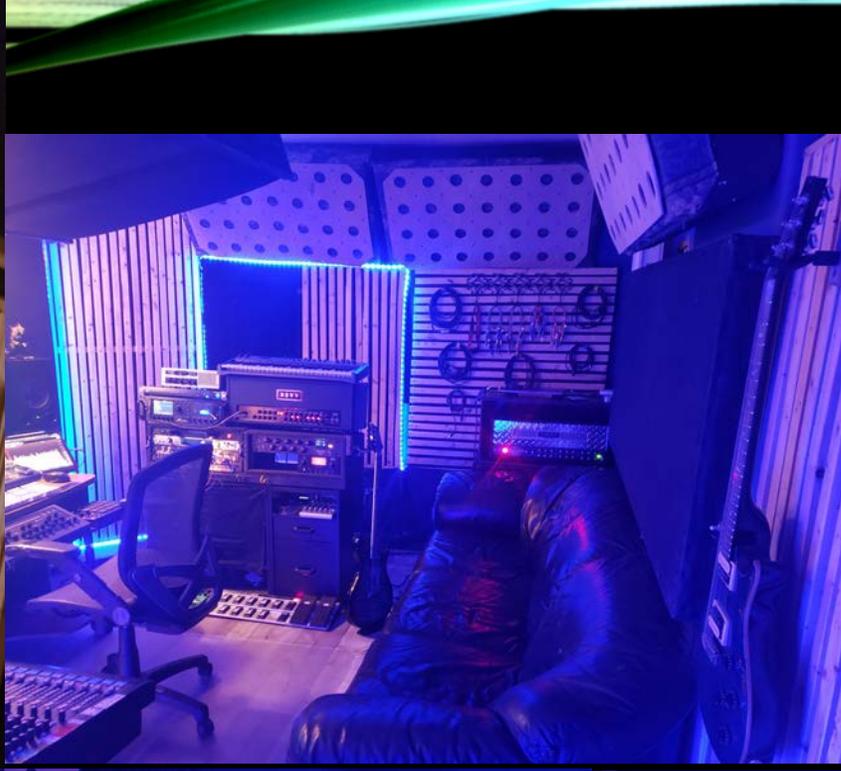
1.33'

ROOM DESCRIPTION

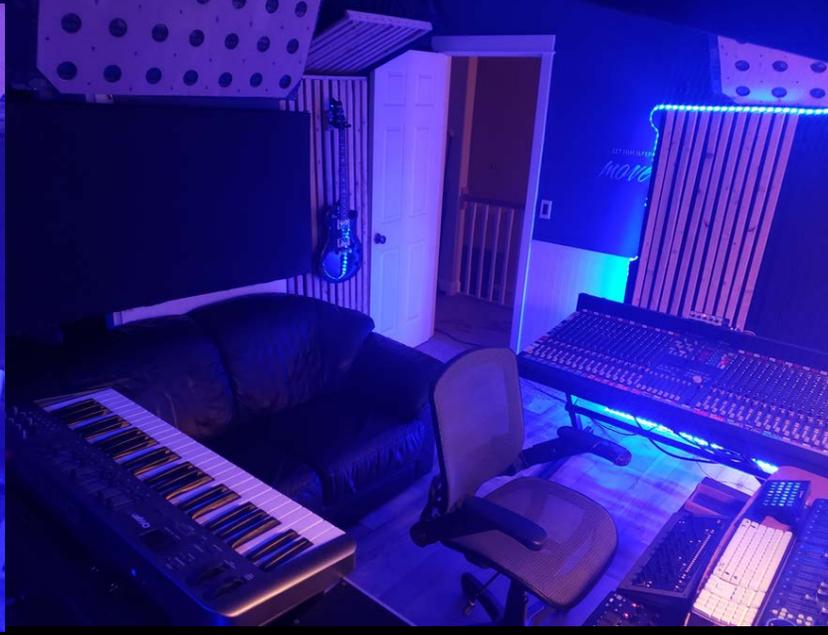
Upstairs bedroom, one door and one window, on one wall a wide closet the protrudes into the room with doors removed, carpeted, wainscot and chair rail moldings, knock-down finished ceiling

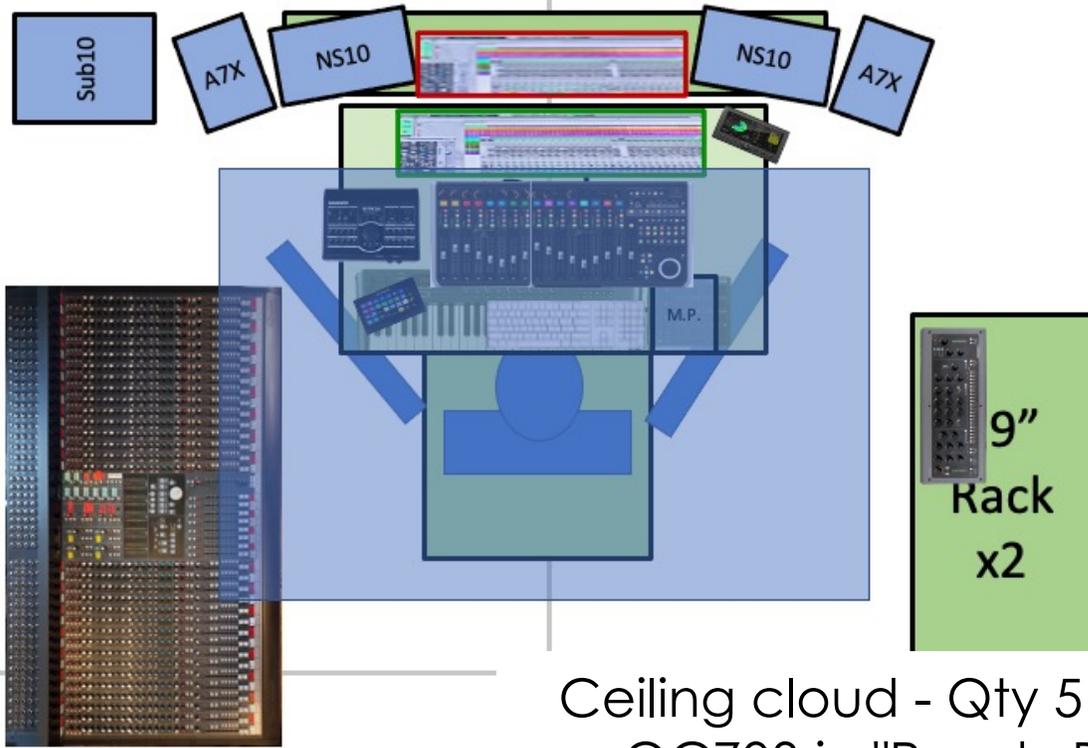


ROOM LAYOUT



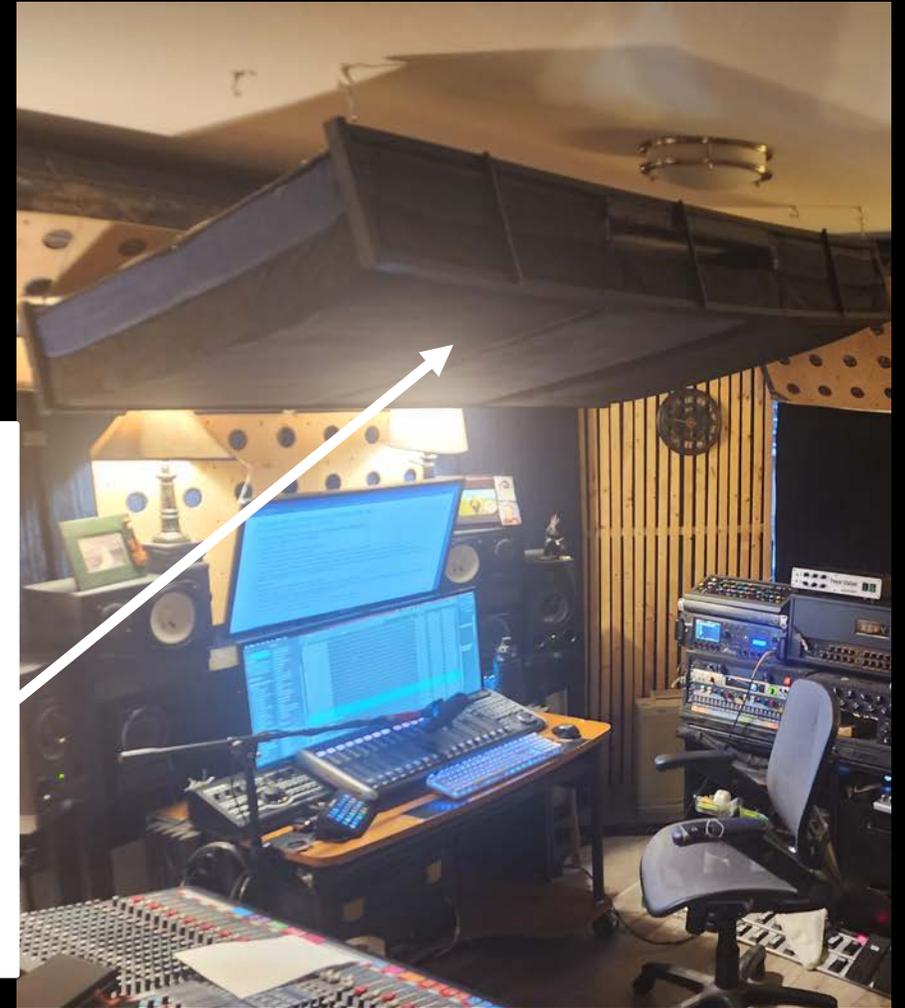
ROOM AS
FURNISHED



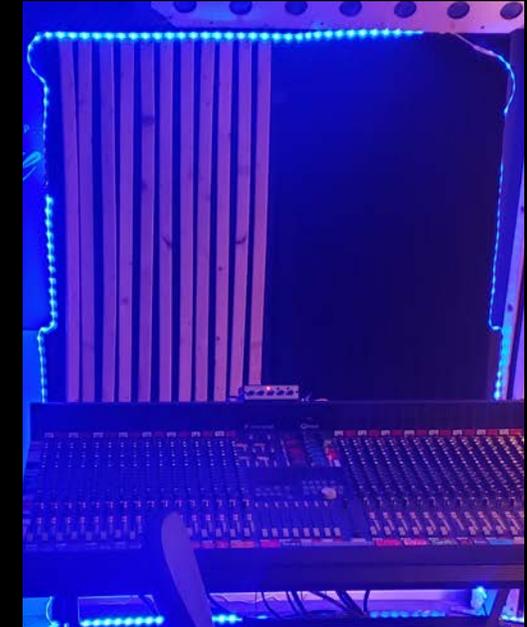
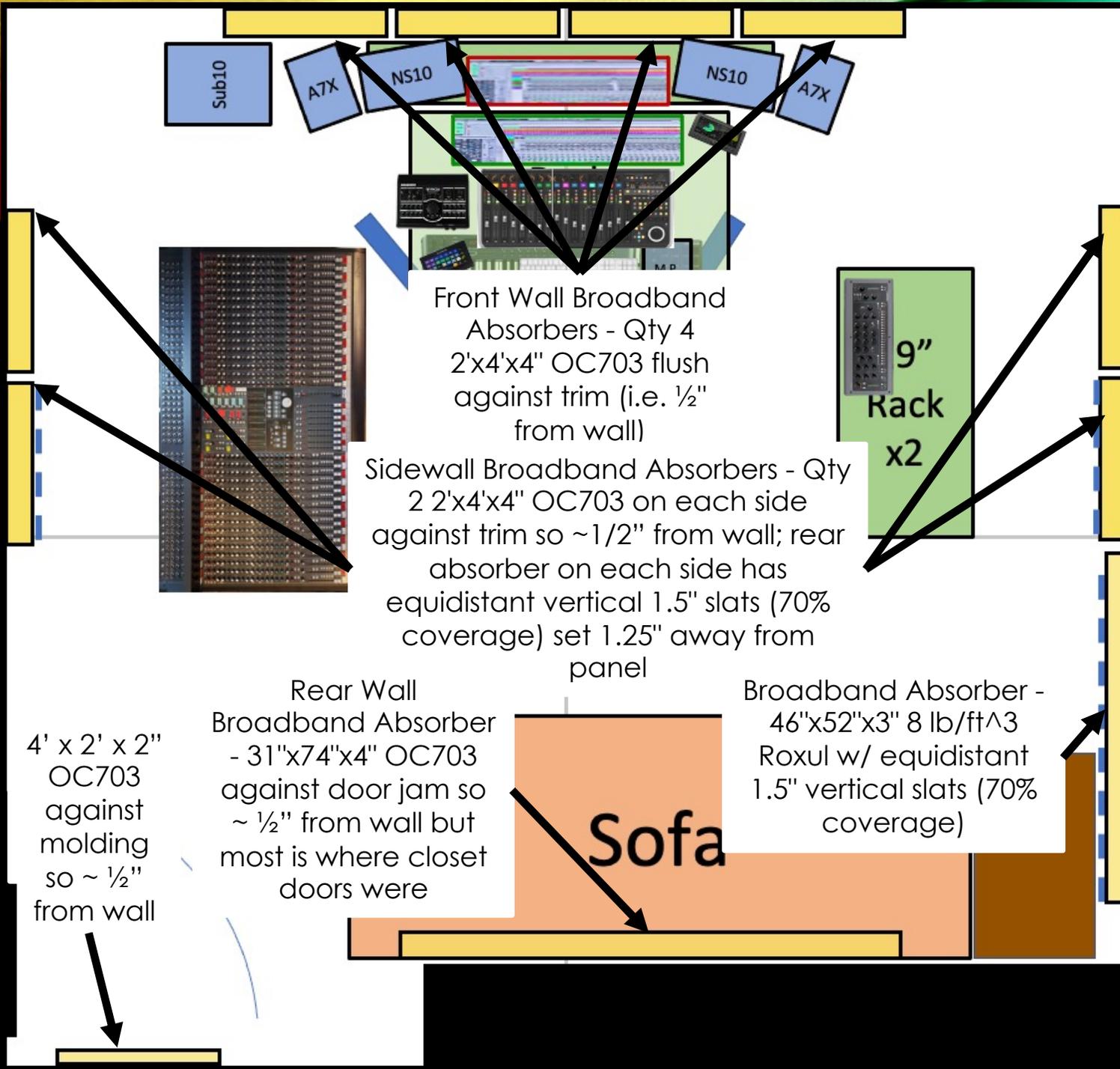


Ceiling cloud - Qty 5 2'x4'x4" OC703 in "Ready Bags" collected in a frame so left & right side are 8" thick and center part is 4" thick, total cloud is 4' x 6' suspended from ceiling angled down from the center towards the front

CEILING CLOUD



BROADBAND ABSORPTION



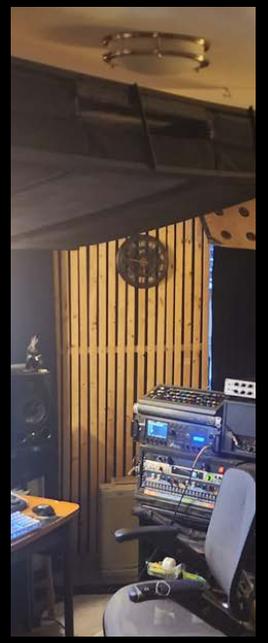
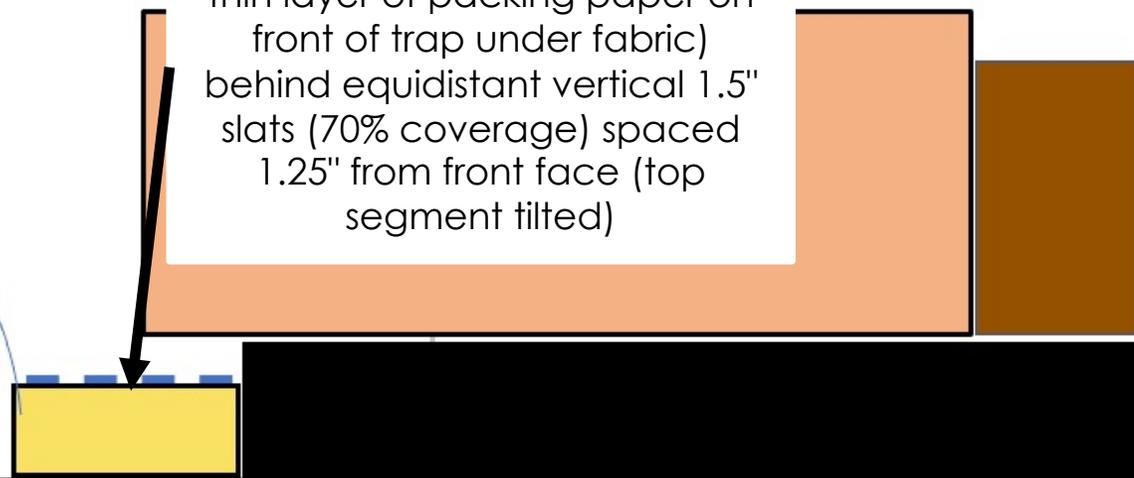
BASS TRAPS



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



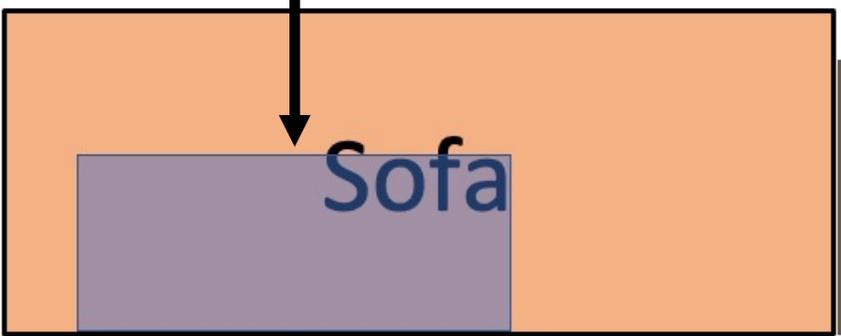
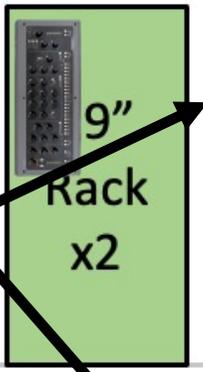
Left Rear Corner Bass Trap - 8'10"x2'x1' deep OC703 (very thin layer of packing paper on front of trap under fabric) behind equidistant vertical 1.5" slats (70% coverage) spaced 1.25" from front face (top segment tilted)



TOP CORNER TREATMENTS



Side and Rear Wall Ceiling Corner Traps - 2'x4'x8" OC703 w/ tapered rear corners straddling wall-ceiling corners, 2 plastic bags of <math>< 2 \text{ lb/ft}^3</math> Roxul/OC703 blend fluff behind each trap; 2'x4'x3/16" wood panel faces (horizontal orientation) with equidistant 2.5" d circles (70% coverage)





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



Drawmer mc3.1 Monitor Controller



Avantone Active Mixcubes



ACOUSTIC MEASUREMENTS (UNTREATED)



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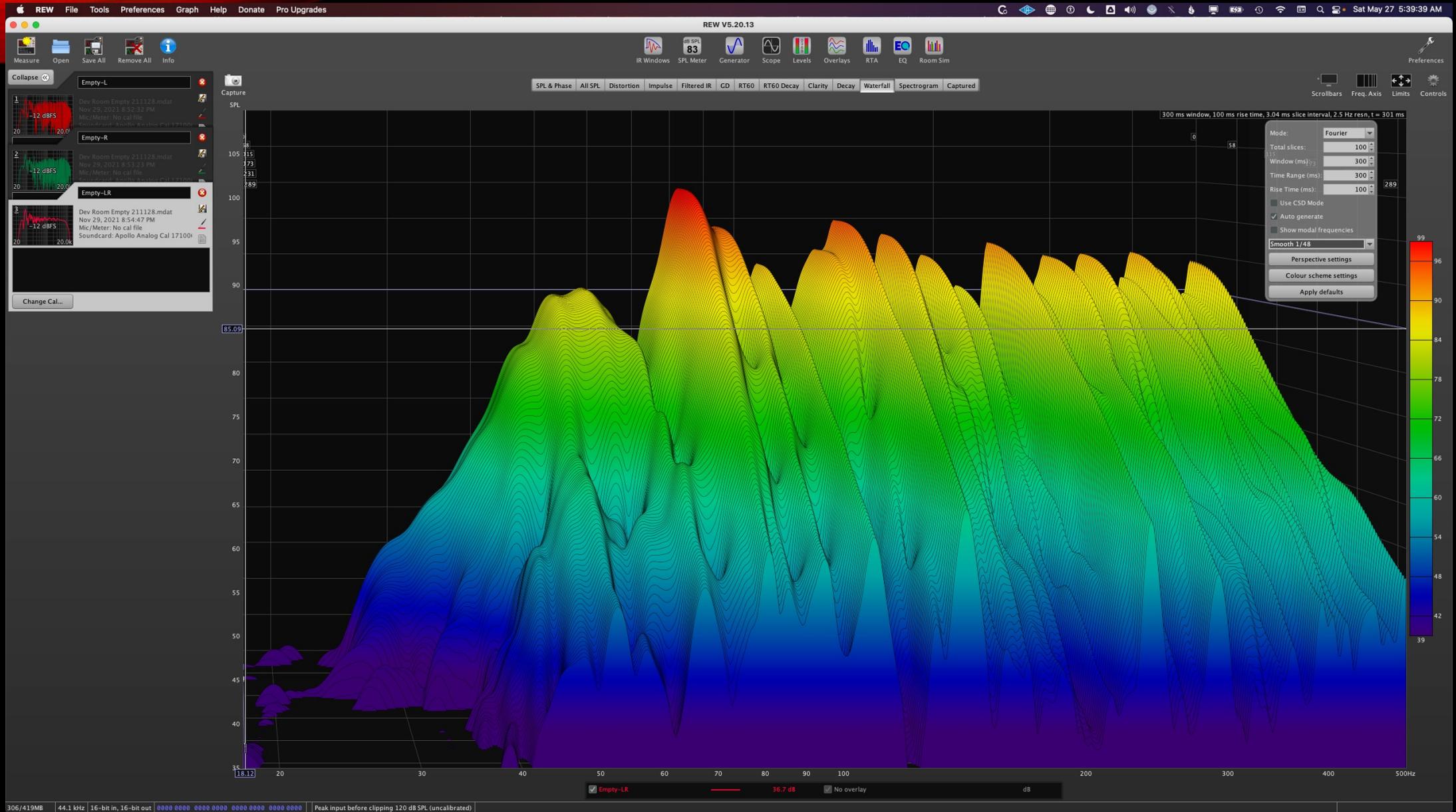
ACOUSTIC MEASUREMENTS (UNTREATED)



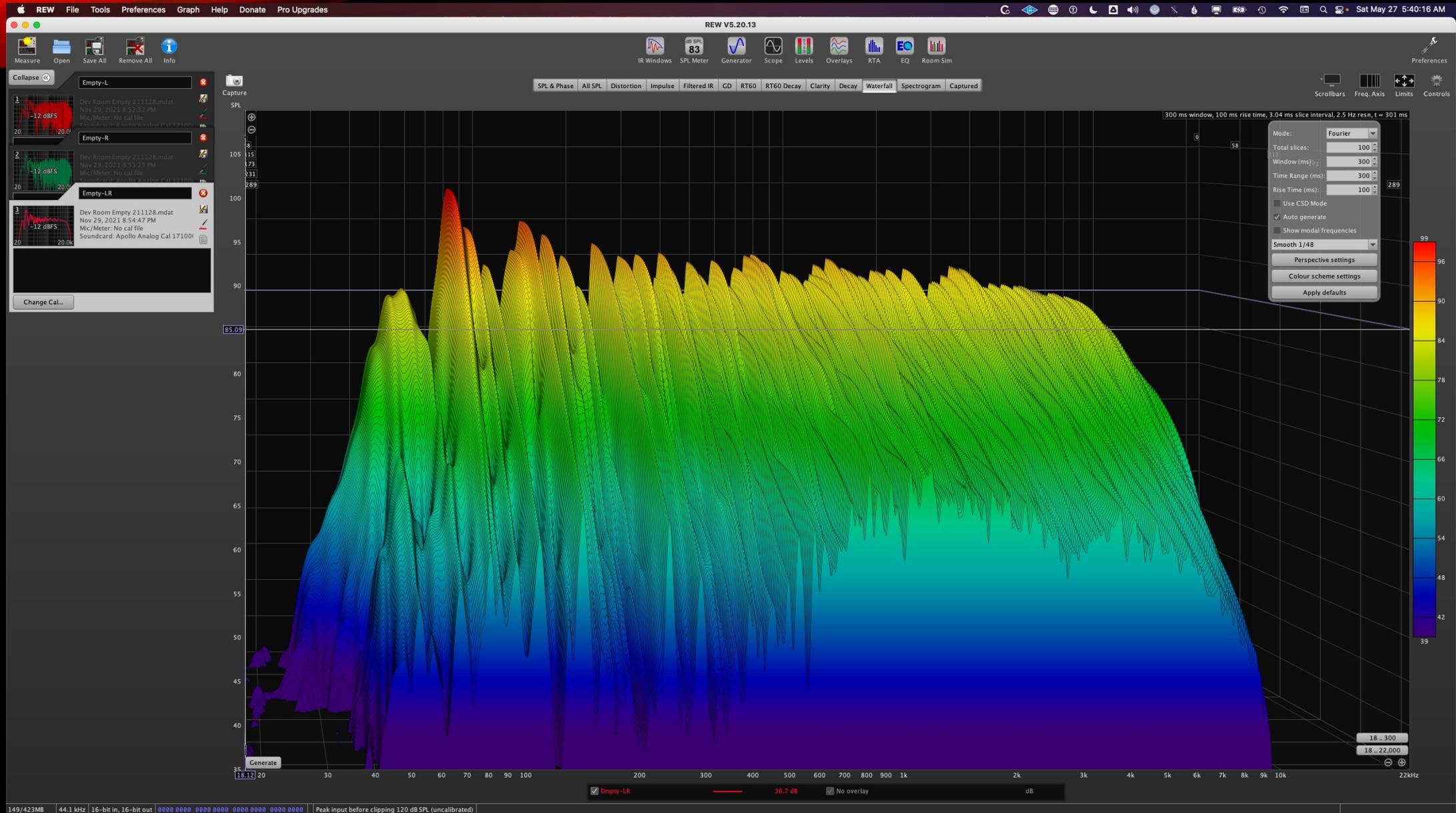
ACOUSTIC MEASUREMENTS (UNTREATED)



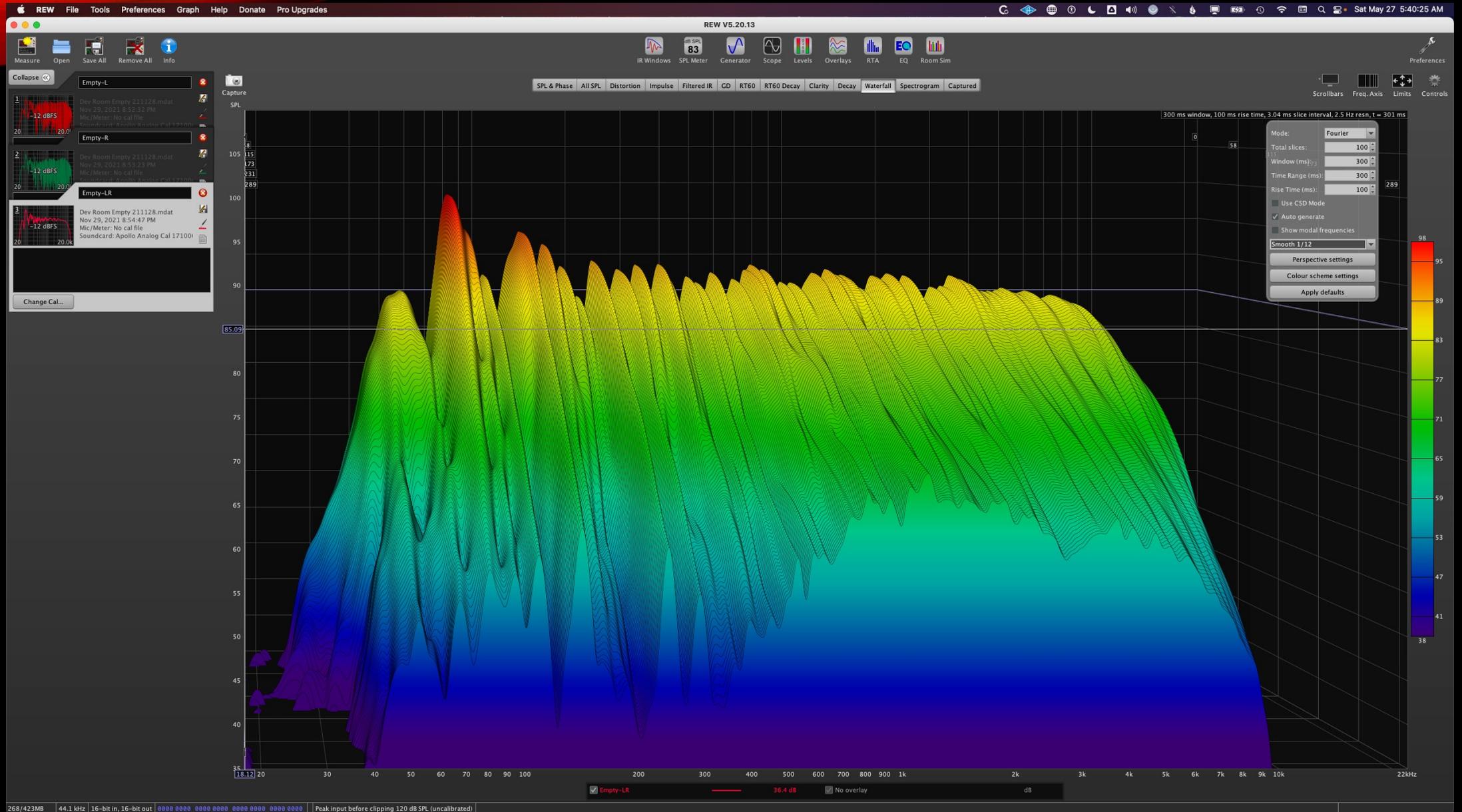
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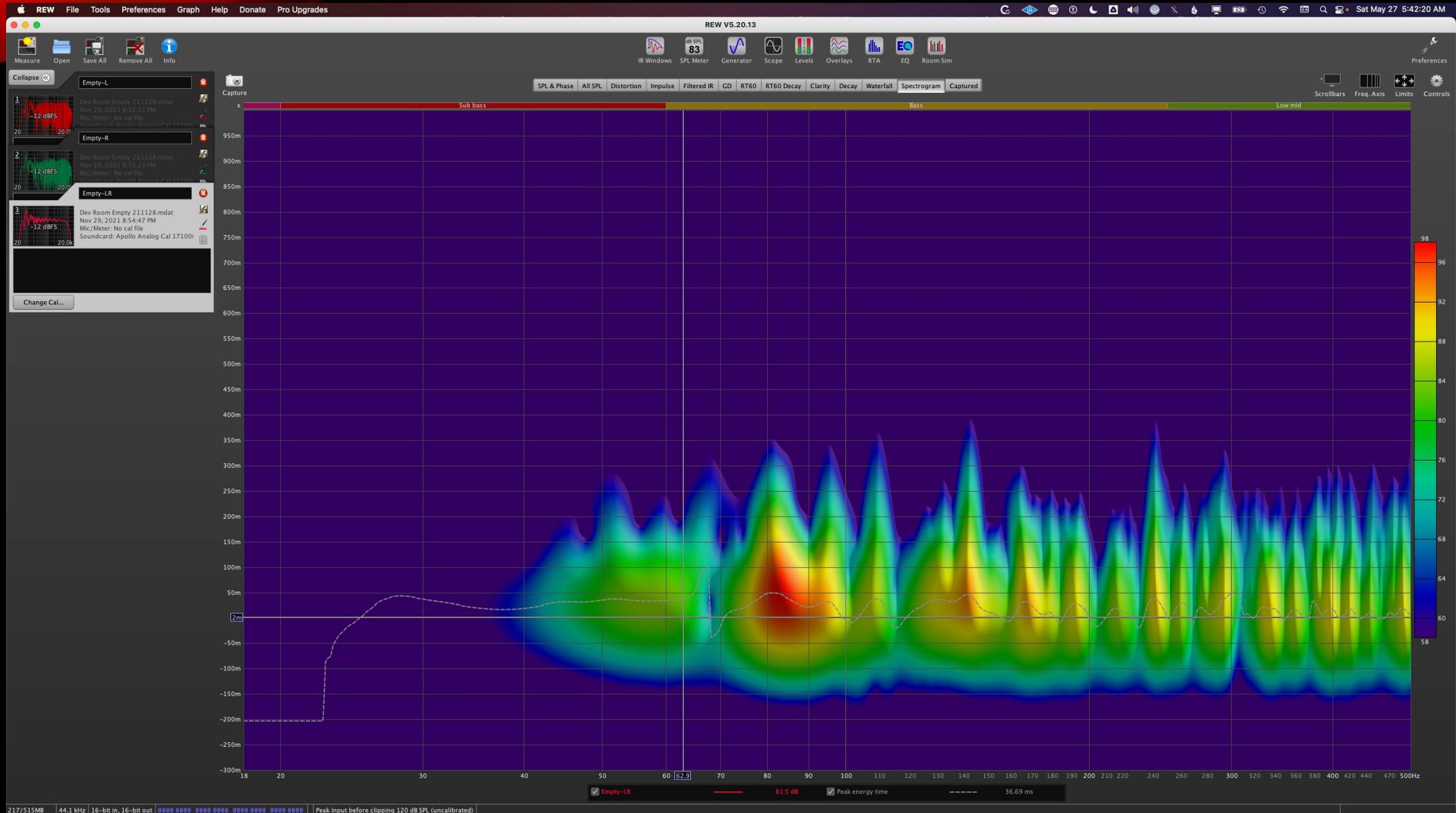
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