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Room Acoustic treatment,

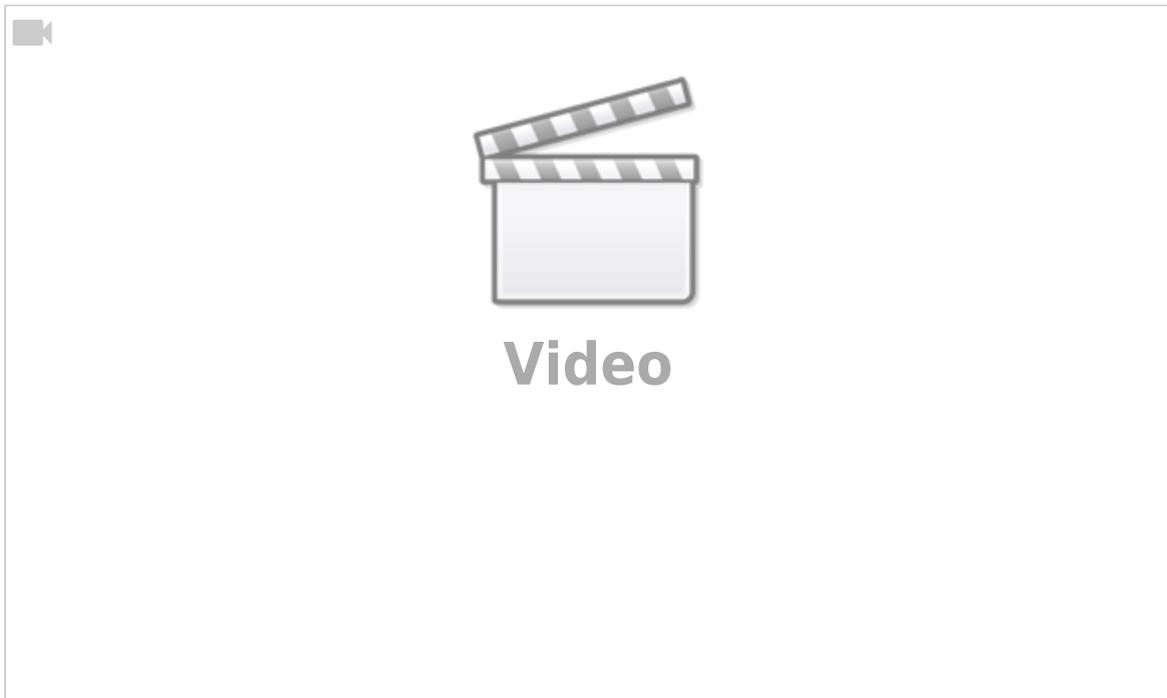
가 가

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-
- RT60
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. 1 가 2 , 3



DSP

가

1. RT60,

RT60

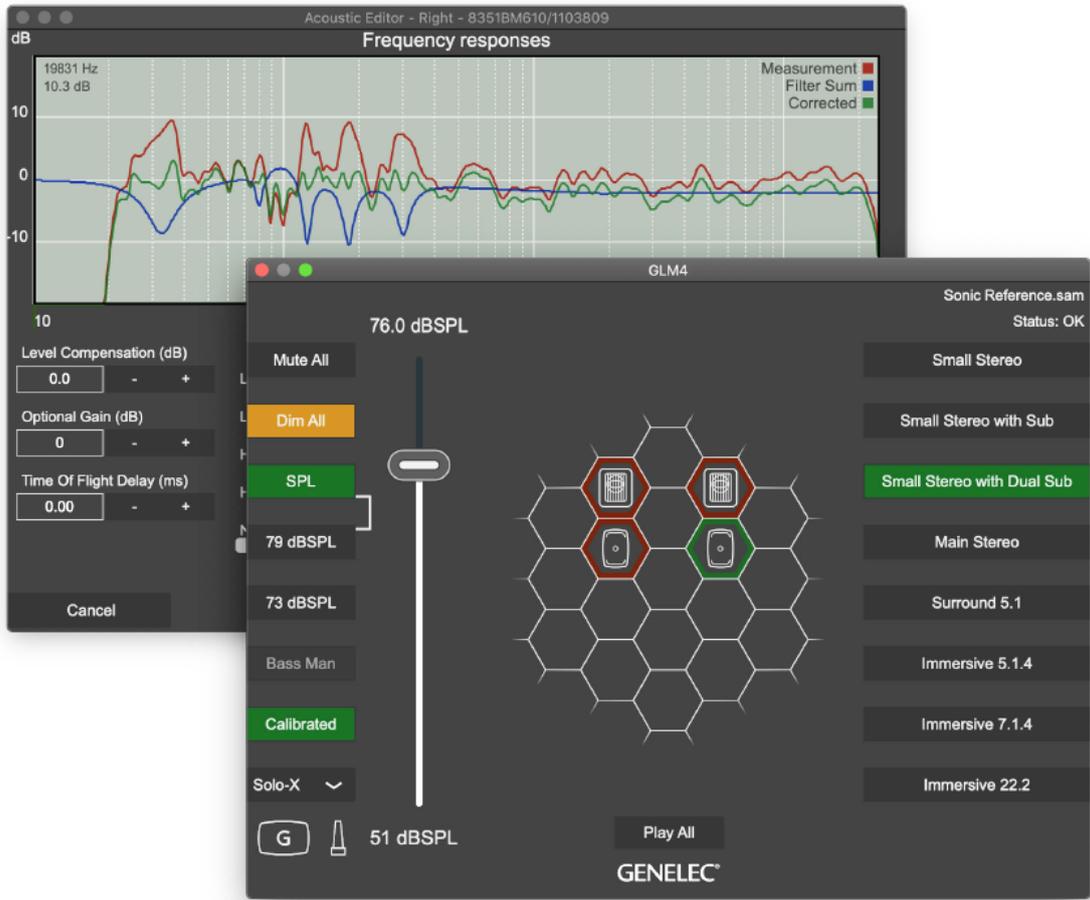
2. DSP

multimedia ARC3, Dirac SoundID Reference IK

DSP 가 GLM DSP 가 , DAC
DSP 가 가 .



ADI-2, Room EQ

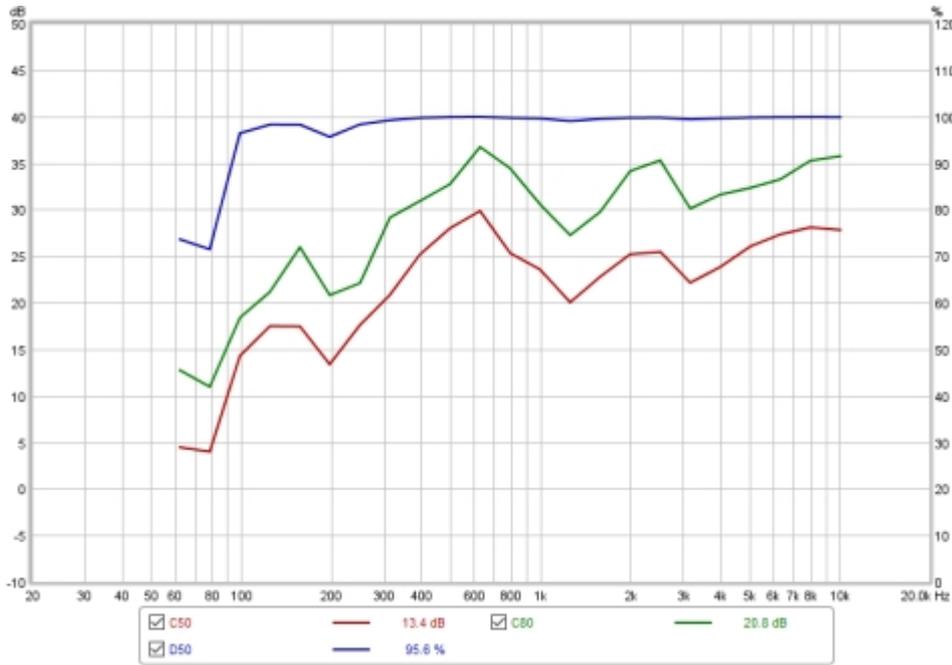


Genelec GLM

...

(Clarity)

가



- C50 : **Clarity at 50ms**, 50ms (dB) . C50 가
- C80 : **Clarity at 80ms**, 80ms (dB) . C80 가
- D50 : **Definition at 50ms**, 50ms (%)

...

Room modes,

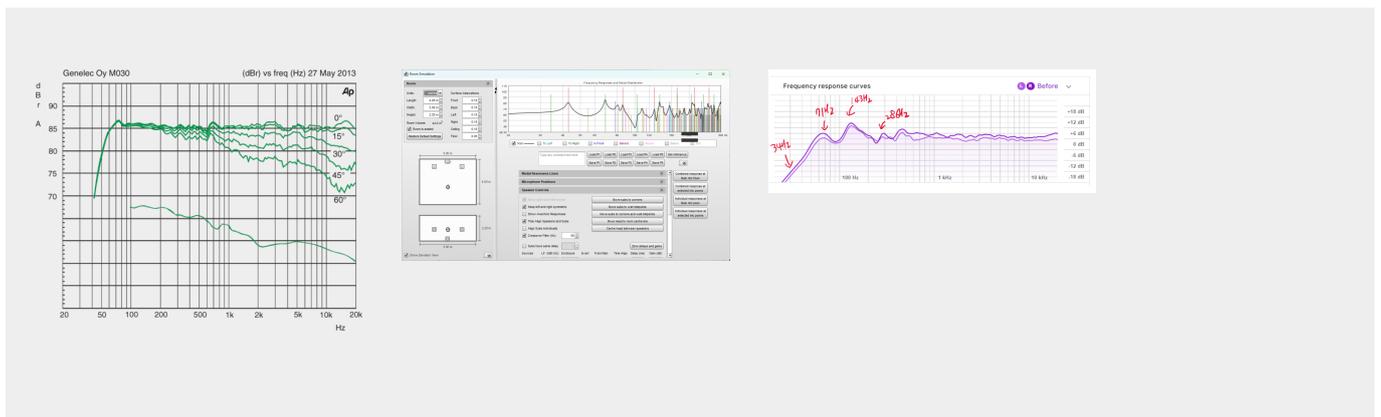
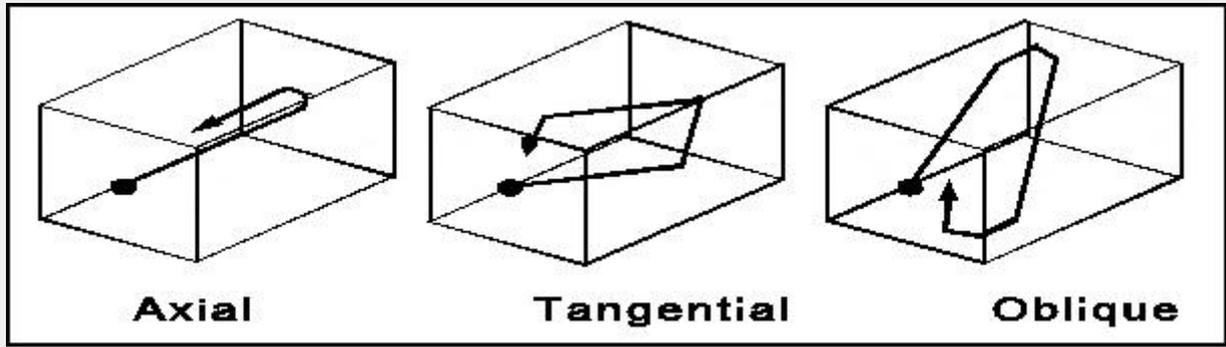
Room

X =

가

가

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RT60

60dB

RT60

(Reverberation Time)

가

가 60dB

RT60

RT60

RT60

가

가

RT60

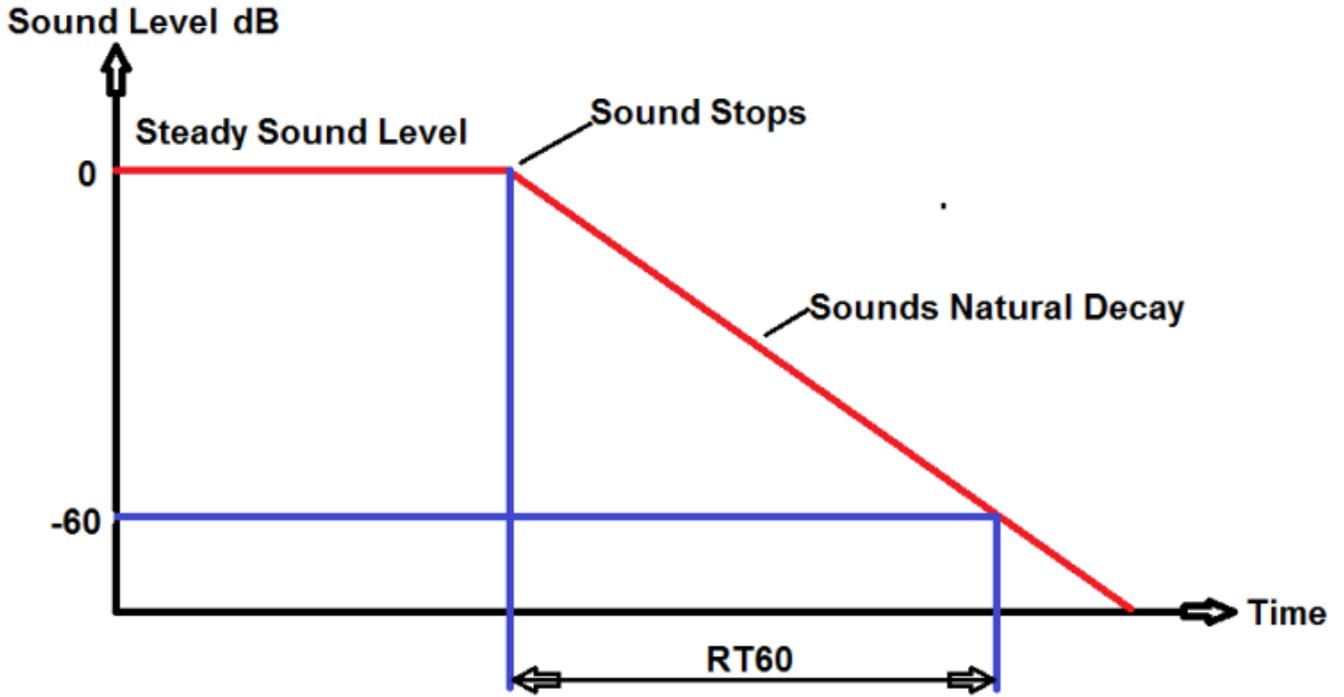
RT60

, 60dB

가

RT60

RT60



Room	RT60 (seconds)
Good classroom	0.6
Echoey classroom	1.2
Underground concrete car garage	3-4

...

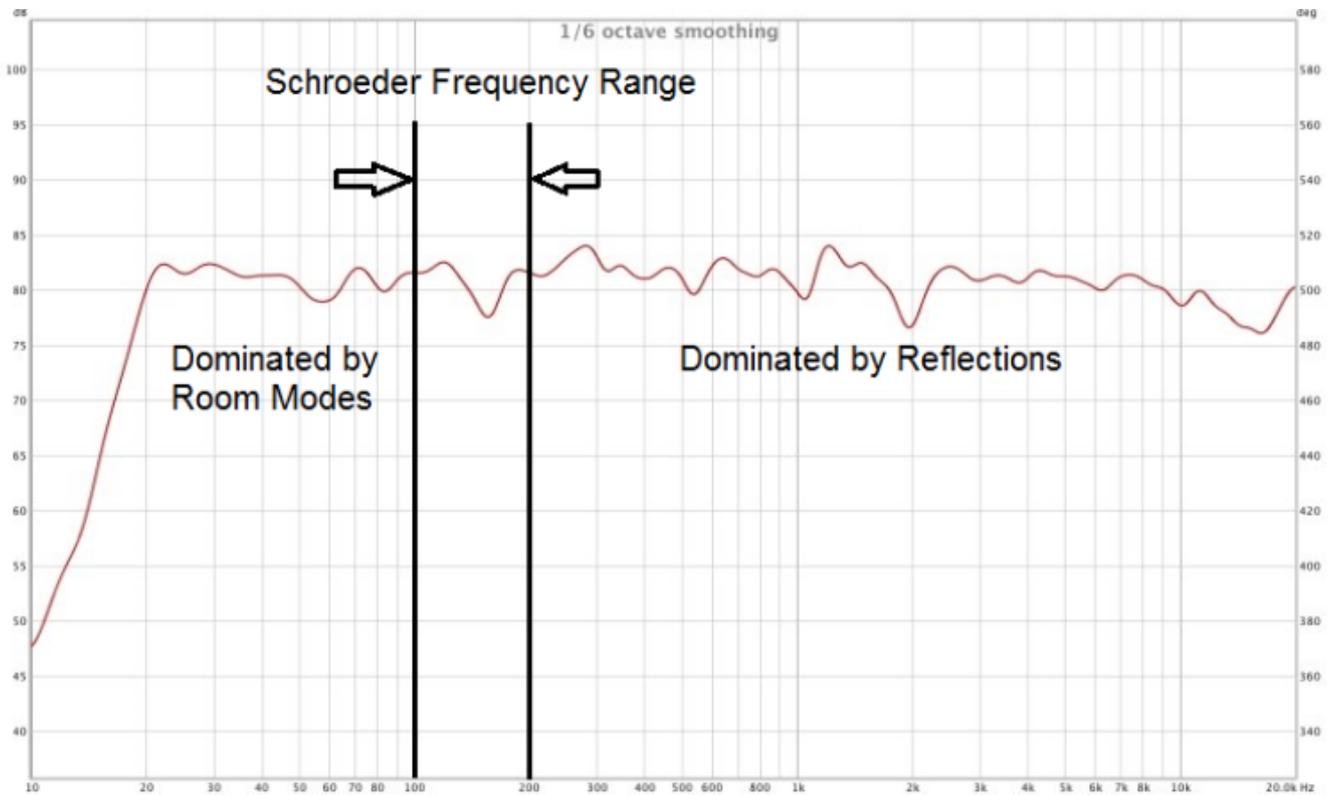
Shroeder frequency

V

RT60,

$$f=2000\sqrt{\frac{RT60}{V}}$$

- 가
- 가

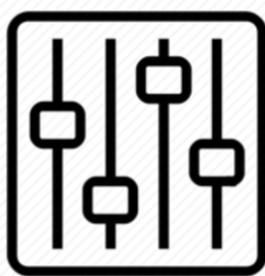


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Reference

https://en.wikipedia.org/wiki/Room_acoustics

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: (admin@homerecz.com)