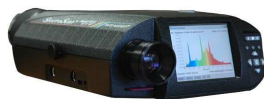




Audio & Video Calibration and Consulting

Calibration Report

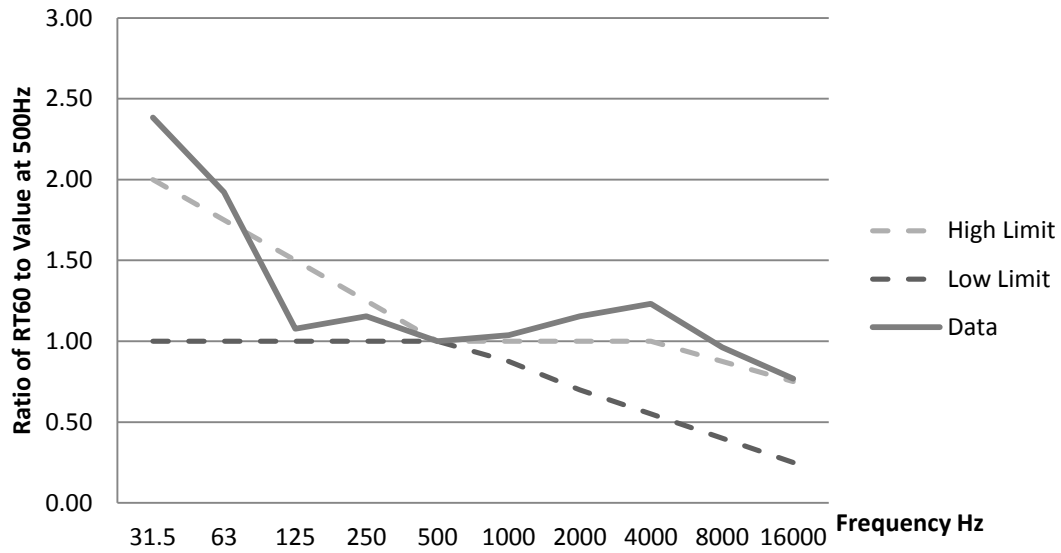
Photo Research PR-670 Verified Color and Sencore SP-495 with
Earthworks M30 Microphone Sound Measurements



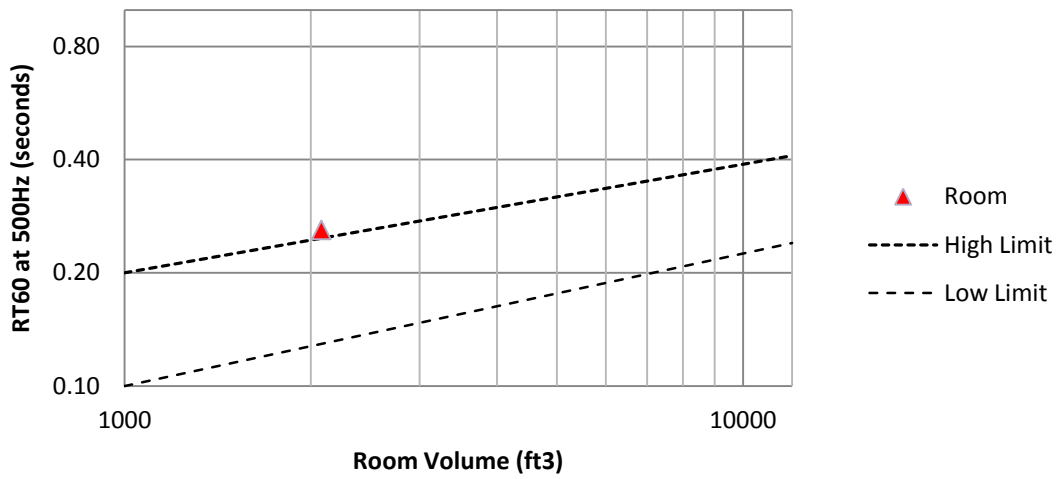
W. Jeff Meier
Phone: 573-480-9664
Email: jeff@accucalhd.com
www.accucalhd.com

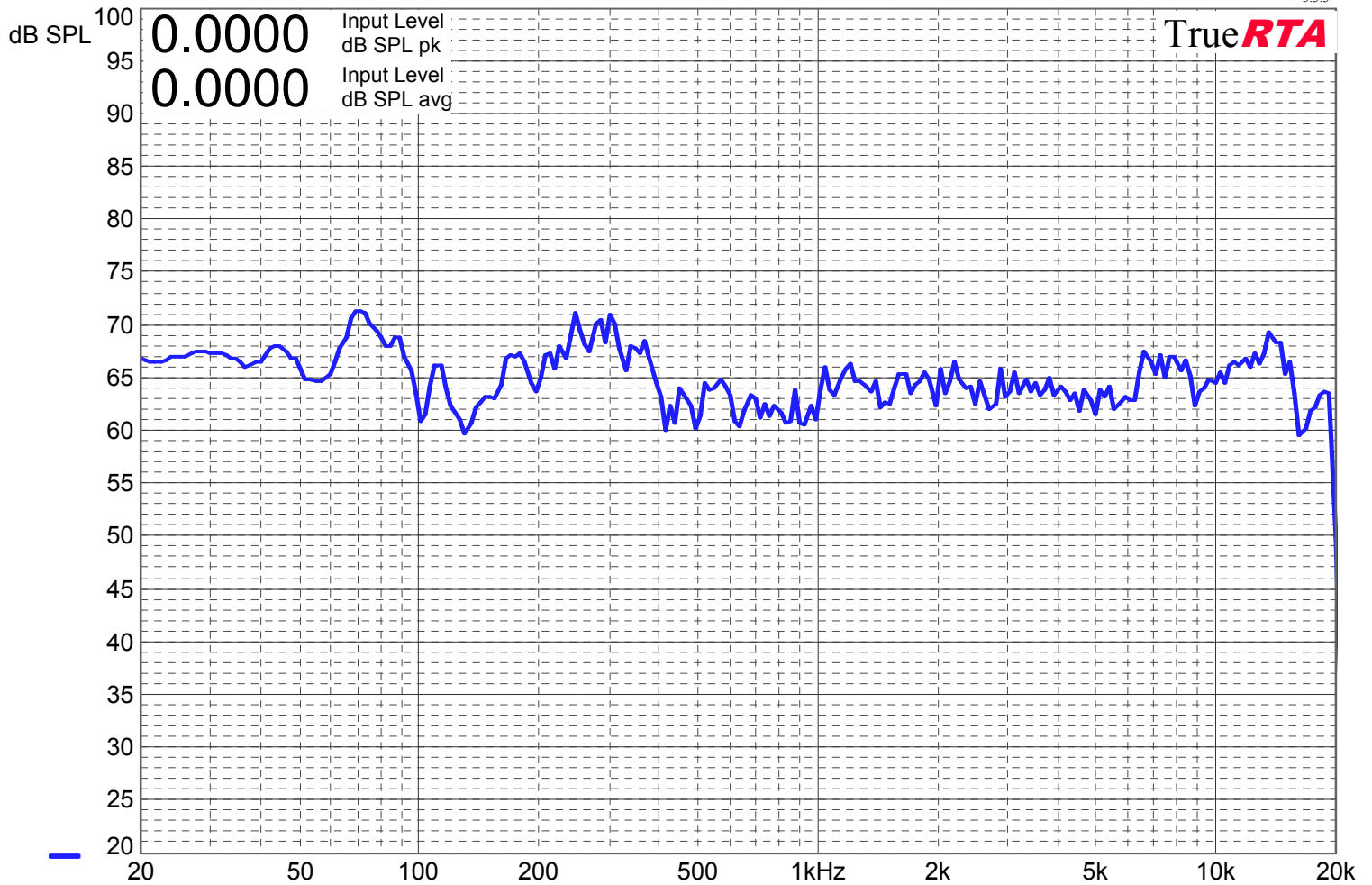


Freq. Dependent Room Reverb vs. Limits



Room Acoustics vs. Target





Workbench Notes:

- .1. Project Filename: Untitled Project Data acquired: 18Feb2013, 2:20 PM
- .2. Mic Cal File: AccuCal CalFile.txt Input f(s) = 48 kHz Output f(s) = 48 kHz
- .3. House Curve File: AccuCal Small RoomX-Curve.txt FFT Size = 16 k
- .4. Data was acquired manually Input Selection: L No. of Averages = 100
- .5. Sound System Correction: OFF Relative Mode: OFF Peak Hold: OFF

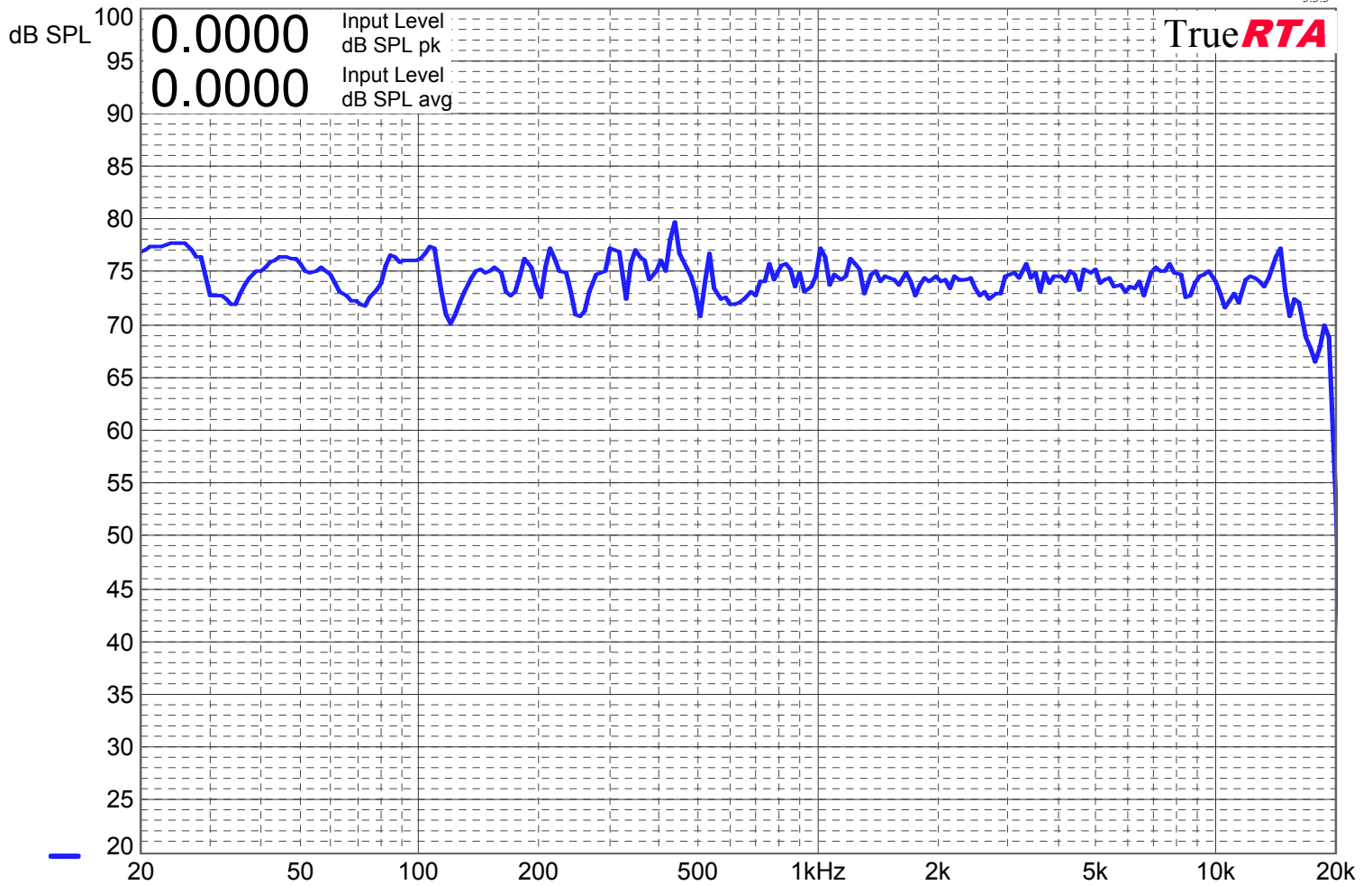
AccuCal

922 Lakespur Drive
Sugar Land, Texas 77479

281-565-2922

Measurements by: W Jeff Meier

Title: AV - Consultant



Workbench Notes:

- .1. Project Filename: Untitled Project Data acquired: 17Feb2013, 7:01 PM
- .2. Mic Cal File: AccuCal CalFile.txt Input f(s) = 48 kHz Output f(s) = 48 kHz
- .3. House Curve File: AccuCal Small RoomX-Curve.txt FFT Size = 16 k
- .4. Data was acquired manually Input Selection: L No. of Averages = 100
- .5. Sound System Correction: OFF Relative Mode: OFF Peak Hold: OFF

AccuCal

922 Lakespur Drive
Sugar Land, Texas 77479

281-565-2922

Measurements by: W Jeff Meier

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Emotiva Preamp

Front 90Hz/24db
Center 80Hz/24db
Surround 120Hz/24db
Subwoofer 150Hz/24db
Left Front 10.4ft
Center 9.1ft
Right Front 10.4ft
Left Surround 5.9ft
Right Surround 6.2ft
Subwoofer 10.4ft
LFE Level 0db all modes
Left Front 0db
Center -2.5db
Right Front 0.0db
Right Surround -4.0db
Left Surround +2.0db
Subwoofer -2db
Manual EQ-1
Front Left
#1 795.57Hz,+3db, 2
#2 1.78kHz,+2db 0.5
#3 7.27kHz, -2.25db, 1.375
Center
#1 2.47kHz, +3db, 0.25
#2 987.25Hz -2.5db, 2
#3 293.15Hz, +1db, 2
#4 451.42Hz, +2.25db, 2.75
#5 4.01kHz, +0.25db, 2
#6 5.85kHz, -1db, 1.375
Front Right
#1 987.25Hz, +2.5db, 2
#2 195.57Hz, -4db, 3.375
#3 301.15Hz, -1.75db, 4
#4 10.05kHz, +1.5db, 0.25
#5 695.16Hz, +1.5db, 0.25
#6 7.88kHz, -3.5db, 2
Left Surround
#1 1.52kHz, +3db, 0.25
#2 7.07kHz, -4.75db, 2.75
#3 236.23Hz, -6.5db, 2
Right Surround
#1 2.1kHz, +3db, 0.25
#2 249.33Hz, -5.75db, 2
#3 516.6Hz, +2db, 2
#4 2.98kHz, +3db, 2
#5 6.52kHz, -4.25db, 2
Subwoofer
#1 56.53Hz, +3db, 7
#2 76.06Hz, -3db, 6.125
#3 99.62Hz, +3db, 4

Rythmik Subwoofer Settings

PEQ On
Level -12db
Bandwidth 11 O'Clock
Feq 12 O'Clock
Level 12:10 O'Clock
Crossover Max Hz
Phase 180 deg

Definitive Subwoofer

Notes.txt

Level 8:30 O'Clock
Crossover Max Hz

AccuCal™

AccuCal™

This service will ensure you are receiving peak performance from your home theater system. State of the art test equipment and design tools are used to achieve optimal results from your display and sound system.



Services Include:

- Video calibration to refine color, contrast and resolution to achieve the through the window look you paid for.
- Audio calibration to optimize your system's frequency response, clarity and balance so you can enjoy the sound as it was meant to be heard.

- Consultation to aid you in the selection of equipment that matches your needs and budget.
- Acoustical design and strategic speaker placement to immerse the room with vibrant sound.
- Video design to attain maximum display performance within your room.

Experience:

- Over two hundred home theaters a year.
- Degreed engineer.
- Modest to high end home theaters around the country.



Your path to the Home Theater ExperienceSM