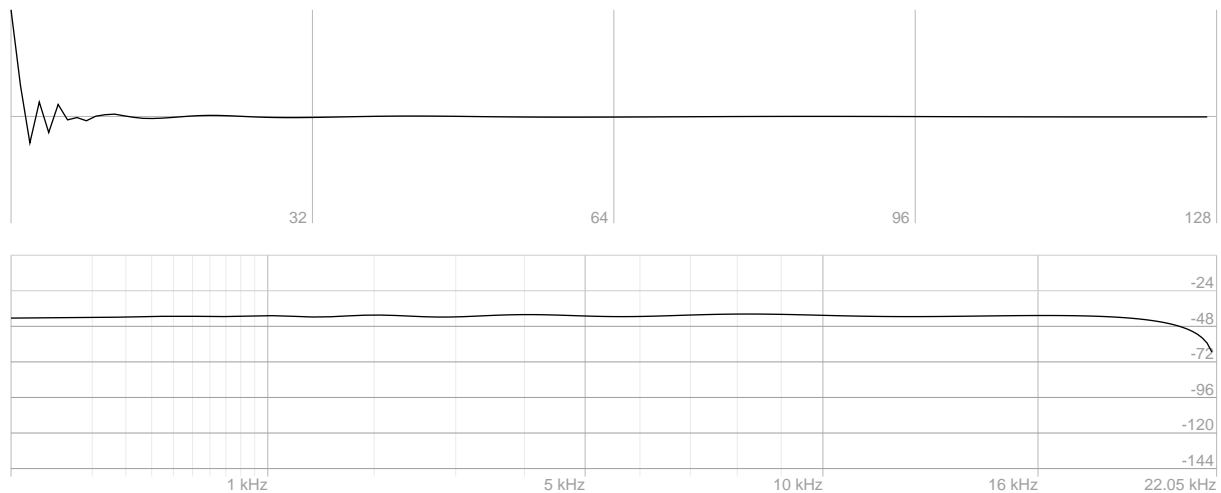


CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



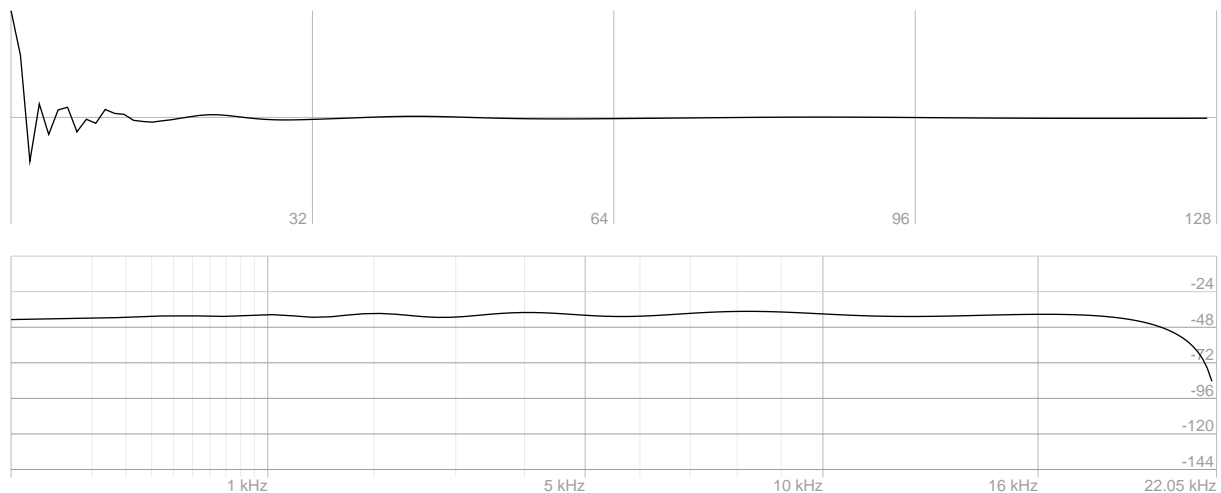
Eq (ID 1773)

10-band equalizer

CPU Load: 0.4 % avg

Audio 1x1: in / out

Controls: 31 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz



Eq2x2 (ID 2594)

stereo 10-band equalizer

CPU Load: 0.7 % avg

Audio 2x2: in:l, in:r / out:l, out:r

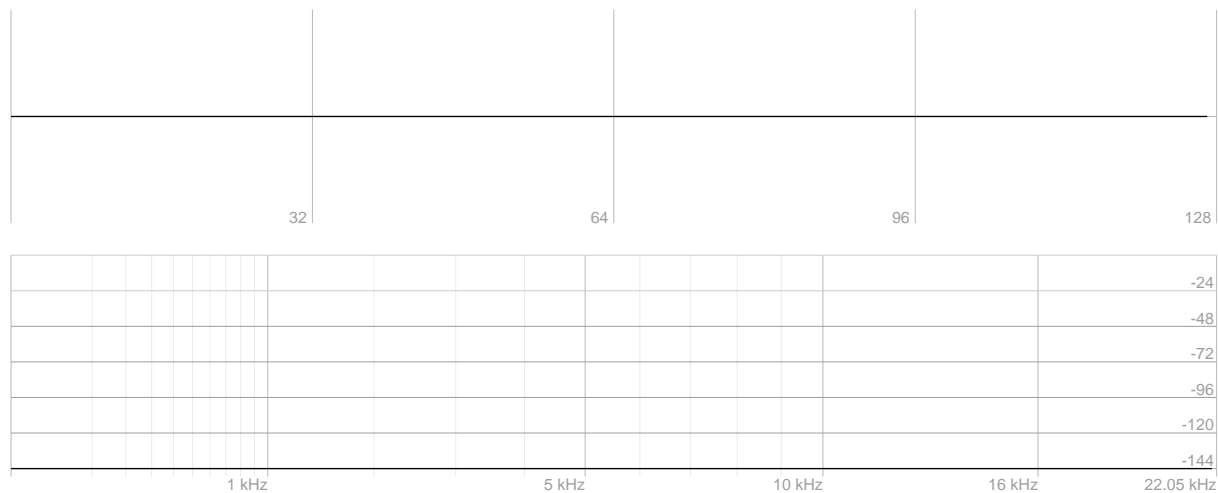
Controls: 31 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



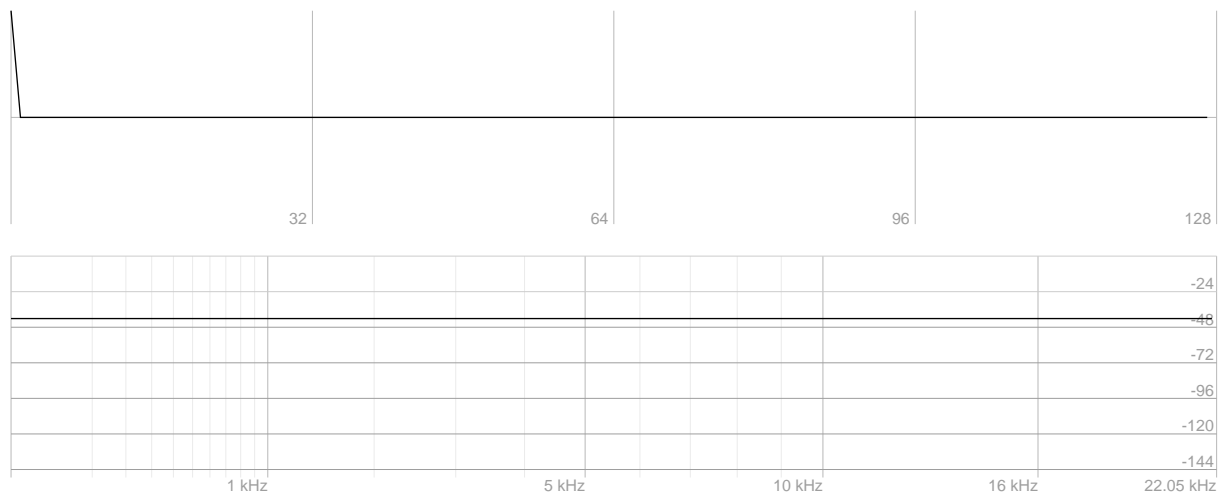
Compress (ID 1772)

Mono compressor

CPU Load: 0.5 % avg

Audio 1x1: in / out

Controls: gain (dB), ratio (1:n), attack (s), release (s), threshold (dB), knee radius (dB)



Pan (ID 1788)

Pan and width

CPU Load: 0.3 % avg

Audio 1x2: in / out:l, out:r

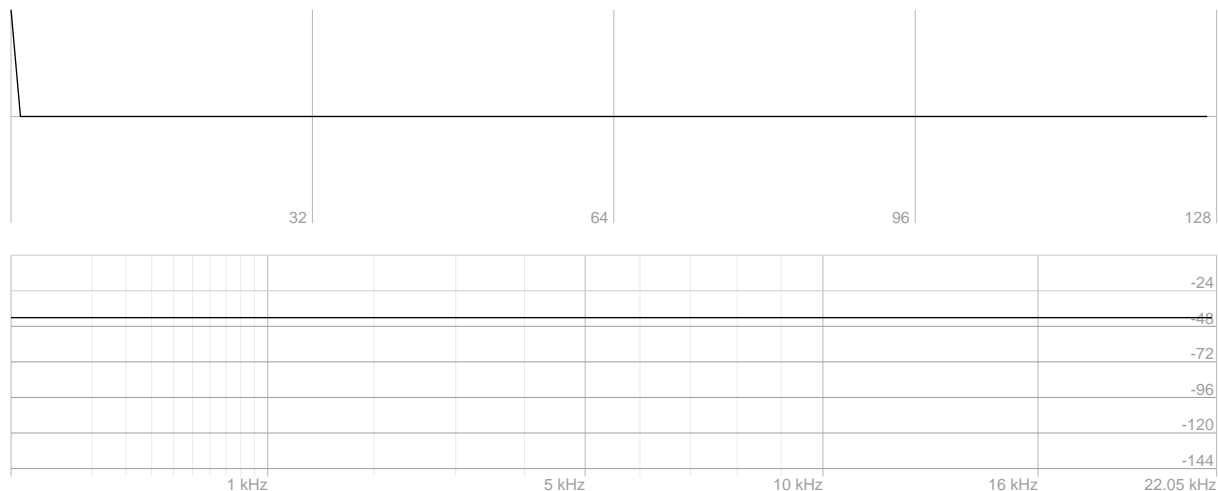
Controls: pan, width, t, mono

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



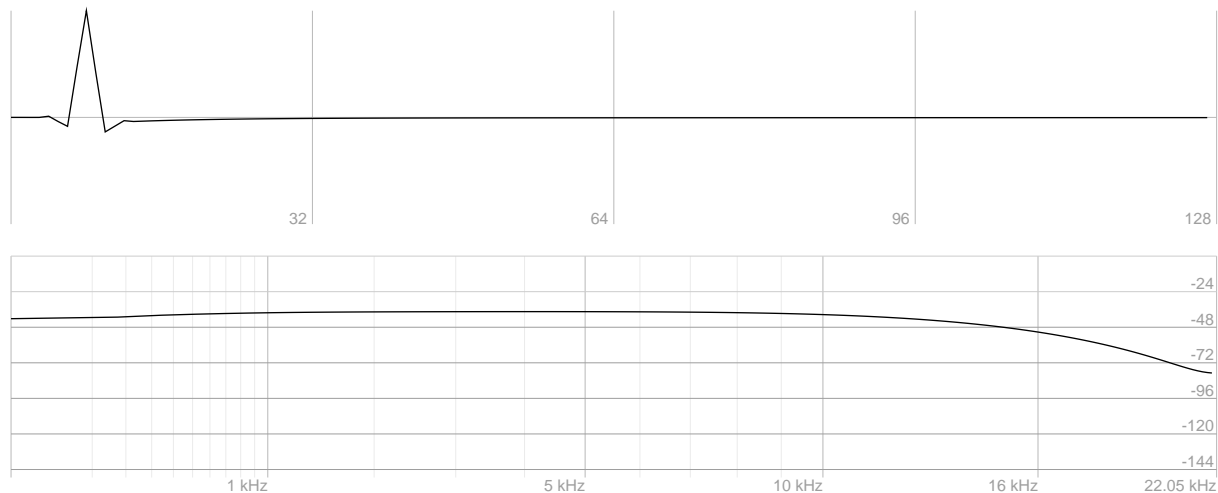
Narrower (ID 2595)

Stereo image width reduction

CPU Load: 0.2 % avg

Audio 2x2: in:l, in:r / out:l, out:r

Controls: strength



PreampIII (ID 1776, independence day special)

Tube preamp emulation

CPU Load: 2.8 % avg

Audio 1x1: in / out

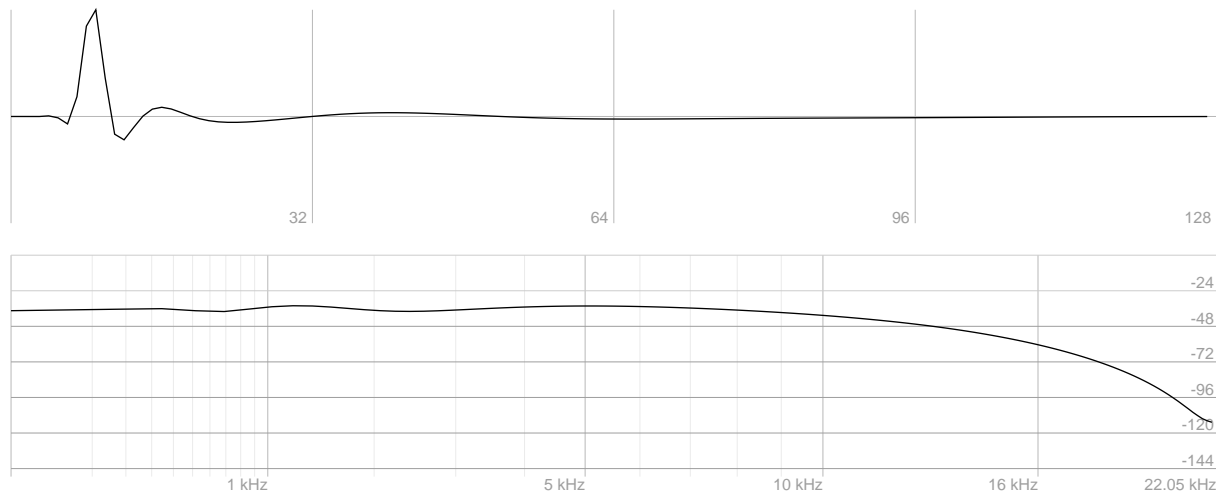
Controls: gain, temperature

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



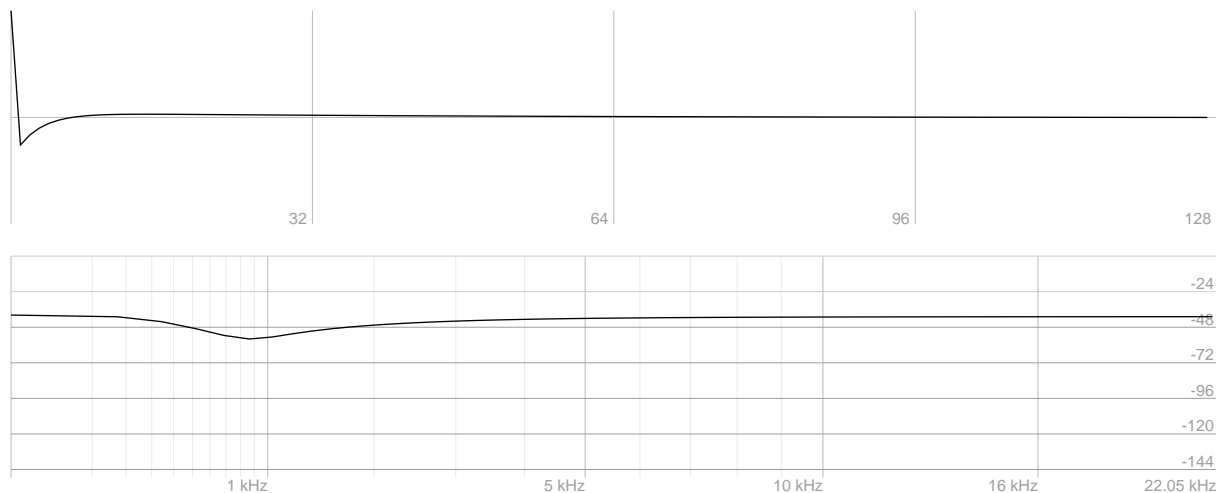
PreampIV (ID 1777)

Tube preamp emulation + tone controls

CPU Load: 2.8 % avg

Audio 1x1: in / out

Controls: gain, temperature, bass, mid, treble, hi



ToneStack (ID 2589)

Tone stack emulation

CPU Load: 0.4 % avg

Audio 1x1: in / out

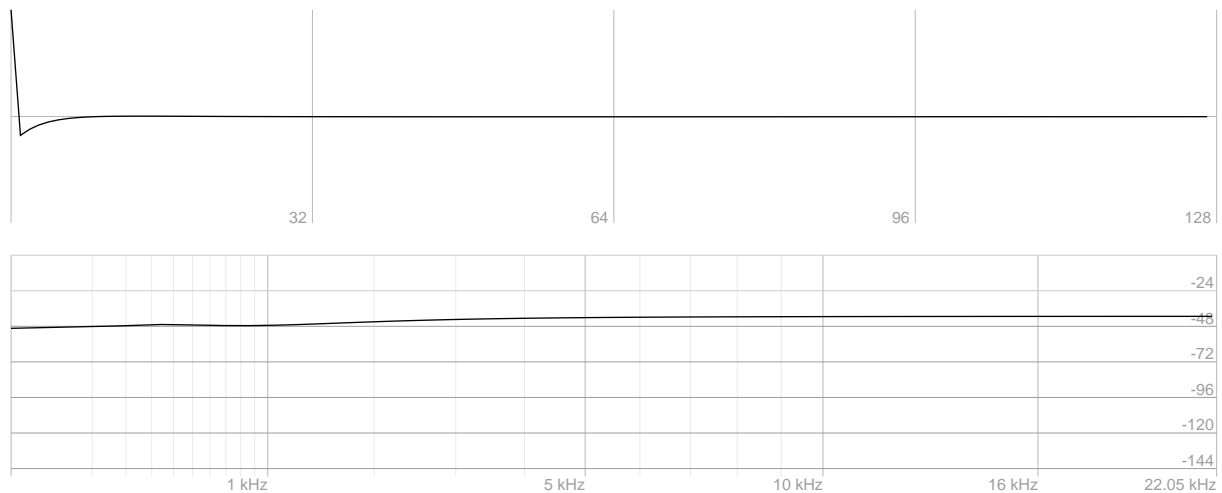
Controls: model, bass, mid, treble

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



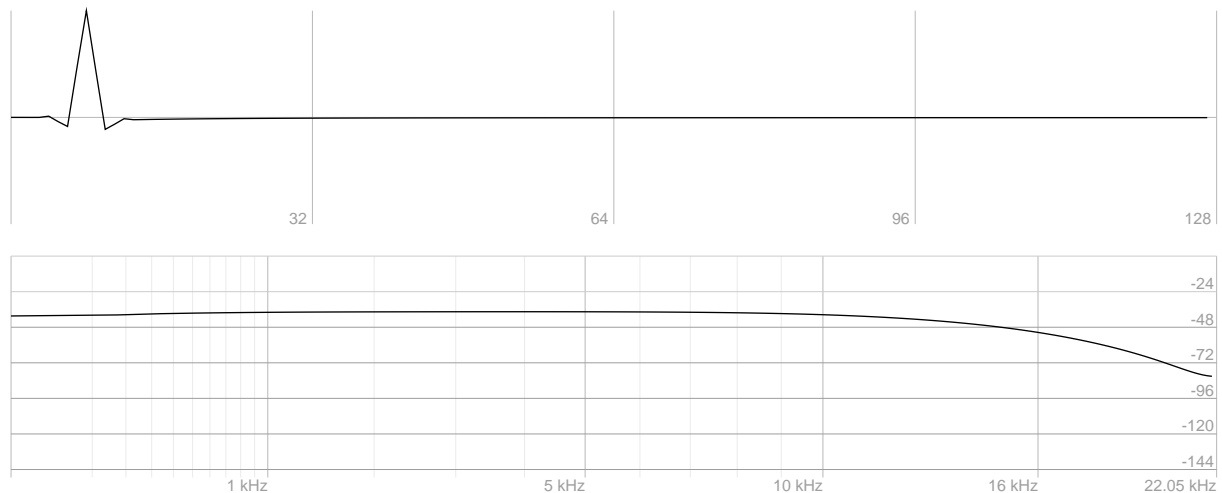
ToneStackLT (ID 2590)

Tone stack emulation, lattice filter 44.1

CPU Load: 0.3 % avg

Audio 1x1: in / out

Controls: bass, mid, treble



AmpIII (ID 1786)

Tube amp

CPU Load: 3.4 % avg

Audio 1x1: in / out

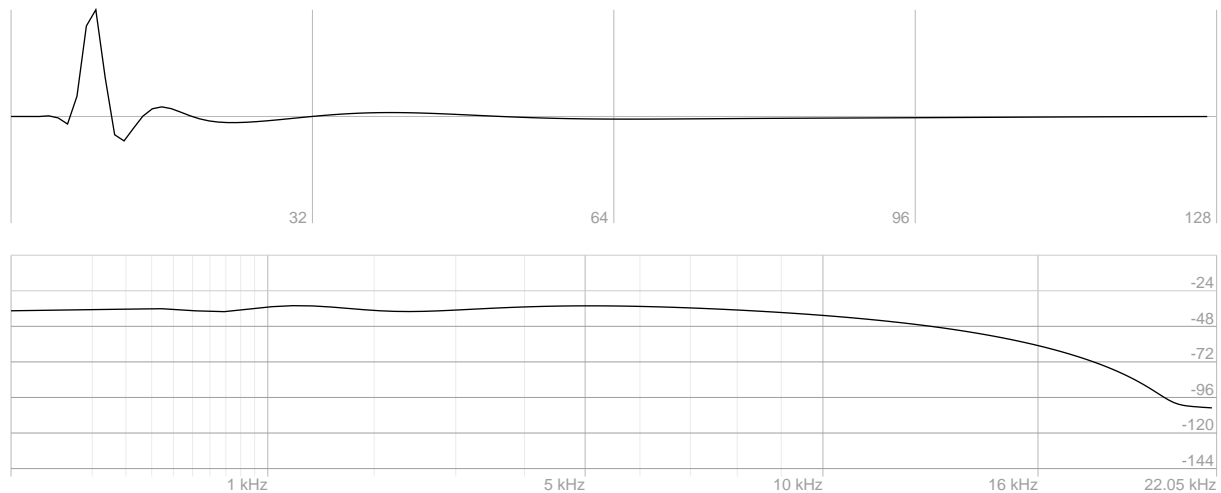
Controls: gain, temperature, drive

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



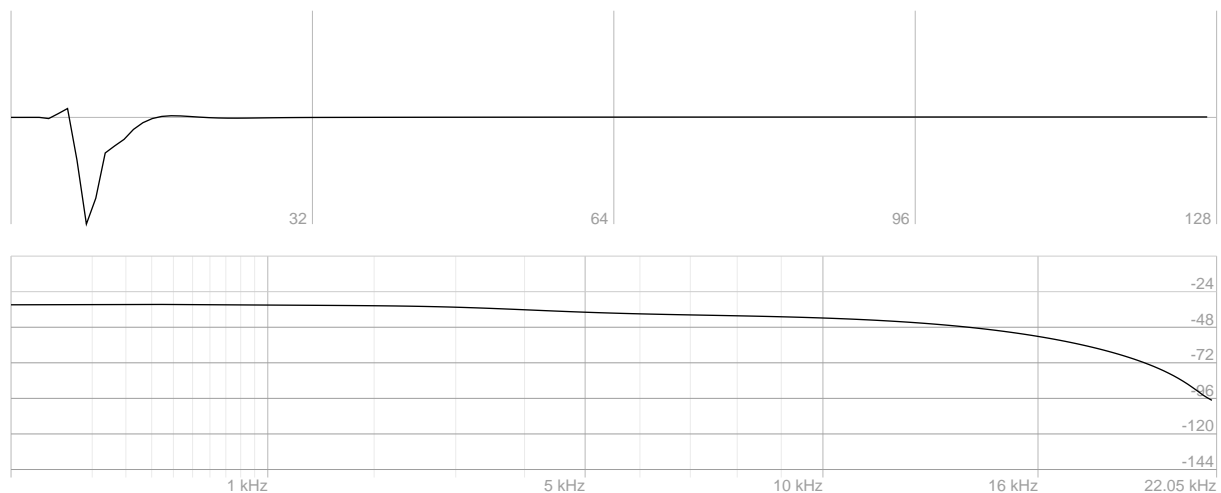
AmpIV (ID 1794)

Tube amp + tone controls

CPU Load: 3.6 % avg

Audio 1x1: in / out

Controls: gain, temperature, bass, mid, treble, hi, drive



AmpV (ID 2587)

Tube amp

CPU Load: 3.6 % avg

Audio 1x1: in / out

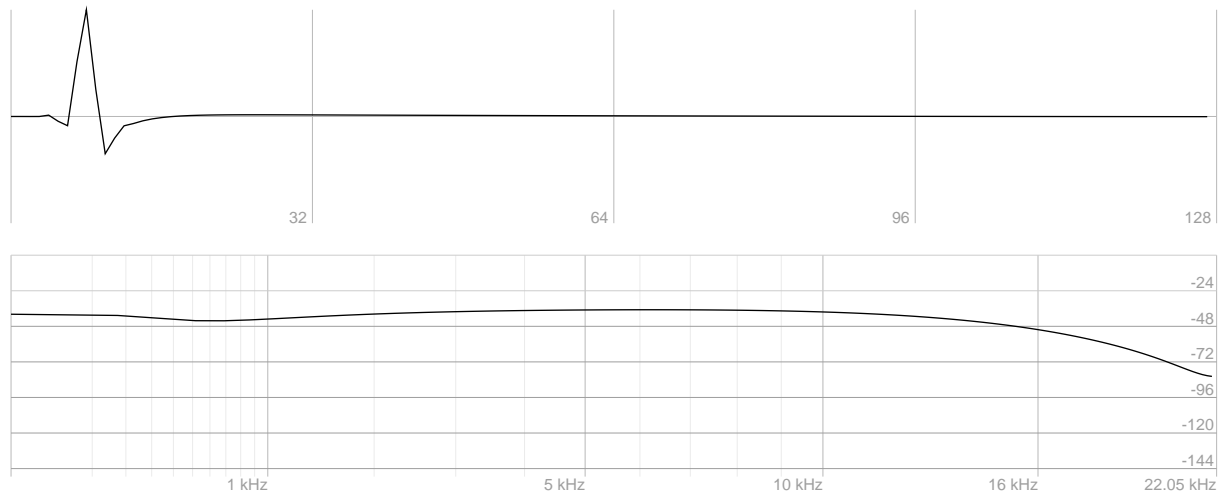
Controls: gain, bass, tone, drive, watts

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



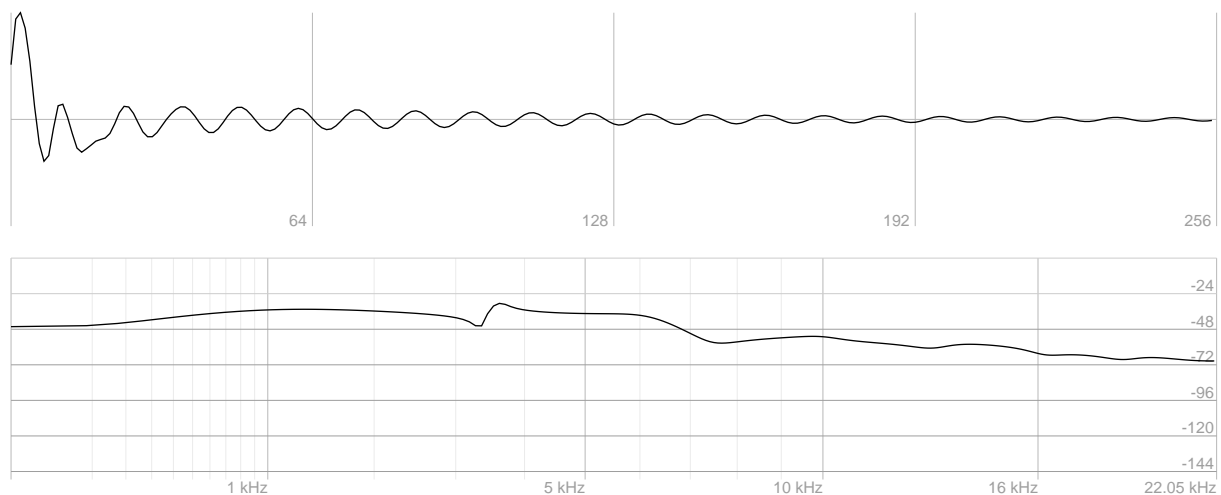
AmpVTS (ID 2592)

Tube amp + Tone stack

CPU Load: 3.6 % avg

Audio 1x1: in / out

Controls: model, gain, bass, mid, treble, drive, watts



Cabinetl (ID 1766)

Loudspeaker cabinet emulation

CPU Load: 0.7 % avg

Audio 1x1: in / out

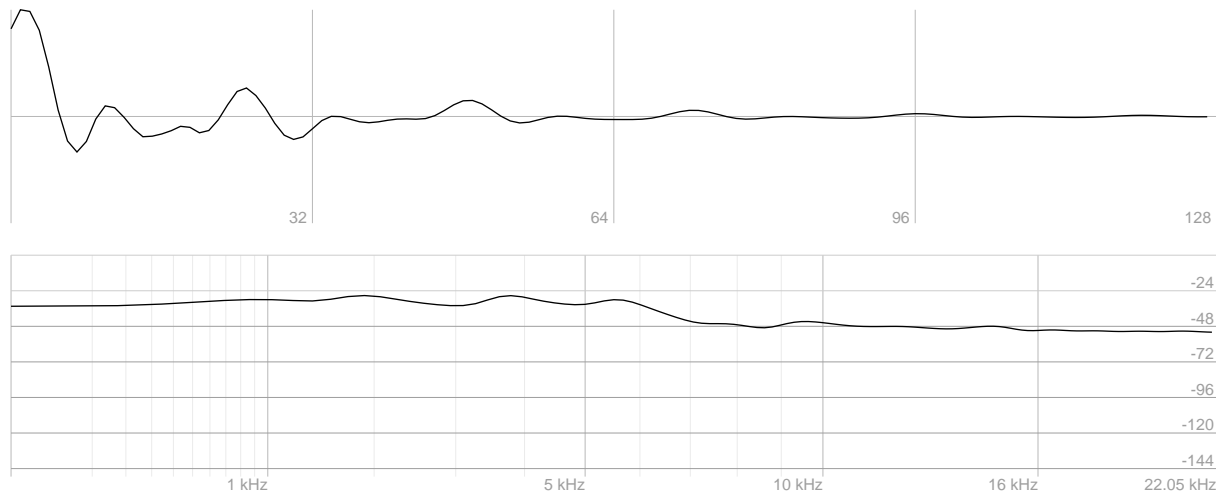
Controls: model, gain (dB)

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



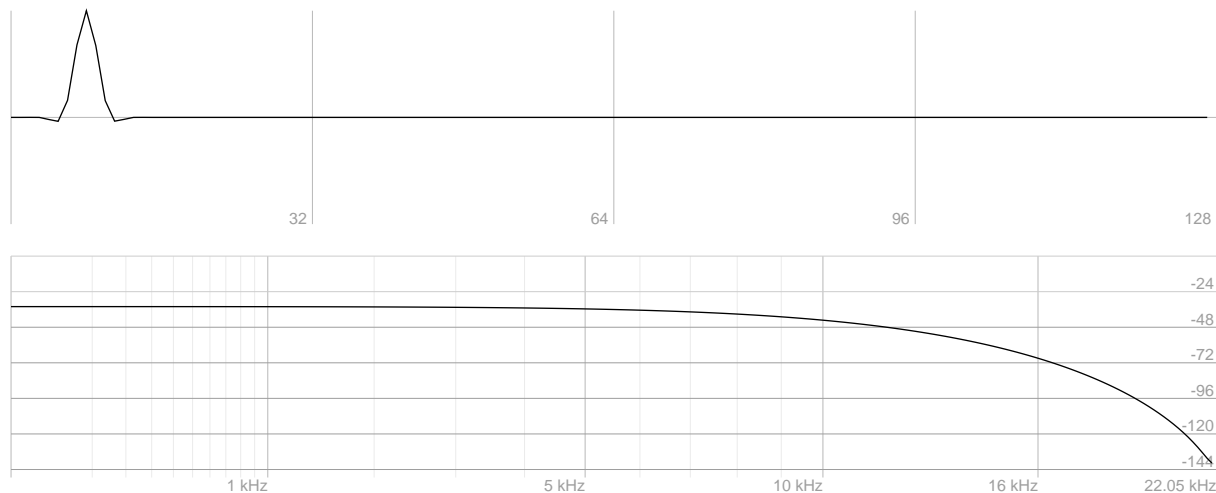
CabinetII (ID 2581)

Refined loudspeaker cabinet emulation

CPU Load: 1.7 % avg

Audio 1x1: in / out

Controls: model, gain (dB)



Clip (ID 1771)

Hard clipper, 8x oversampled

CPU Load: 2.2 % avg

Audio 1x1: in / out

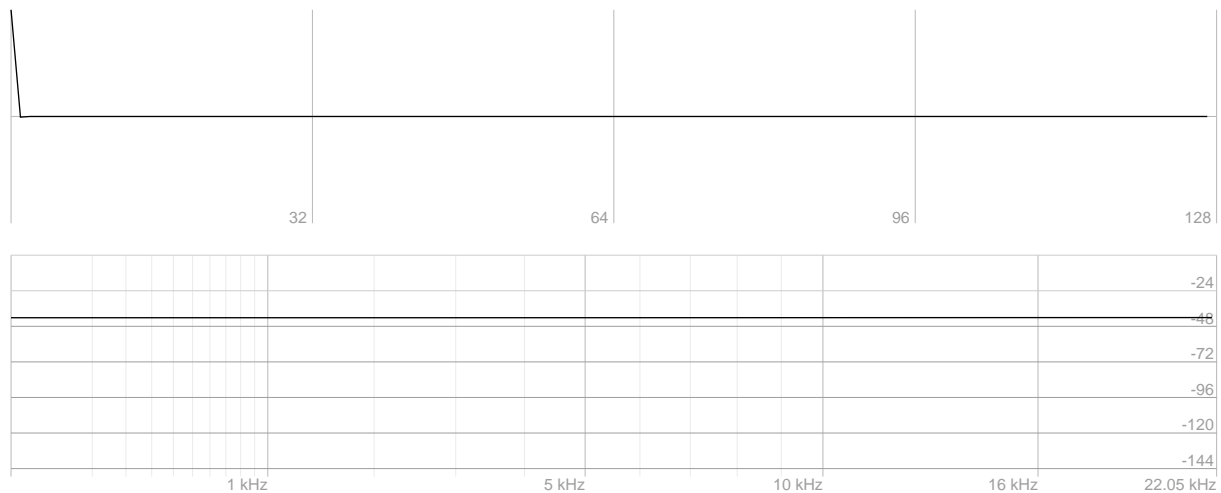
Controls: gain (dB)

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



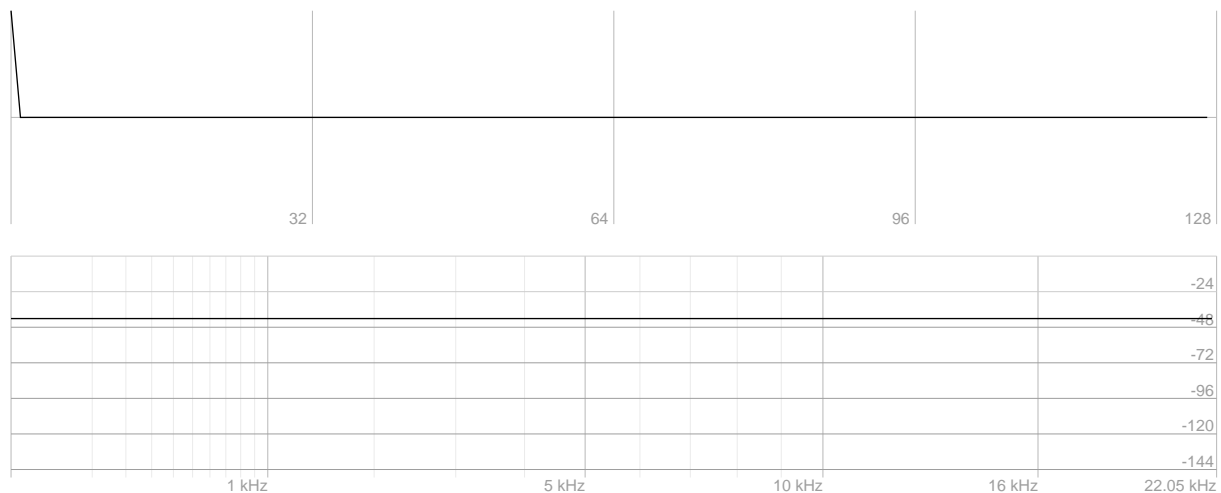
ChorusI (ID 1767)

Mono chorus/flanger

CPU Load: 0.4 % avg

Audio 1x1: in / out

Controls: t (ms), width (ms), rate (Hz), blend, feedforward, feedback



StereoChorusI (ID 1768)

Stereo chorus/flanger

CPU Load: 0.6 % avg

Audio 1x2: in / out:l, out:r

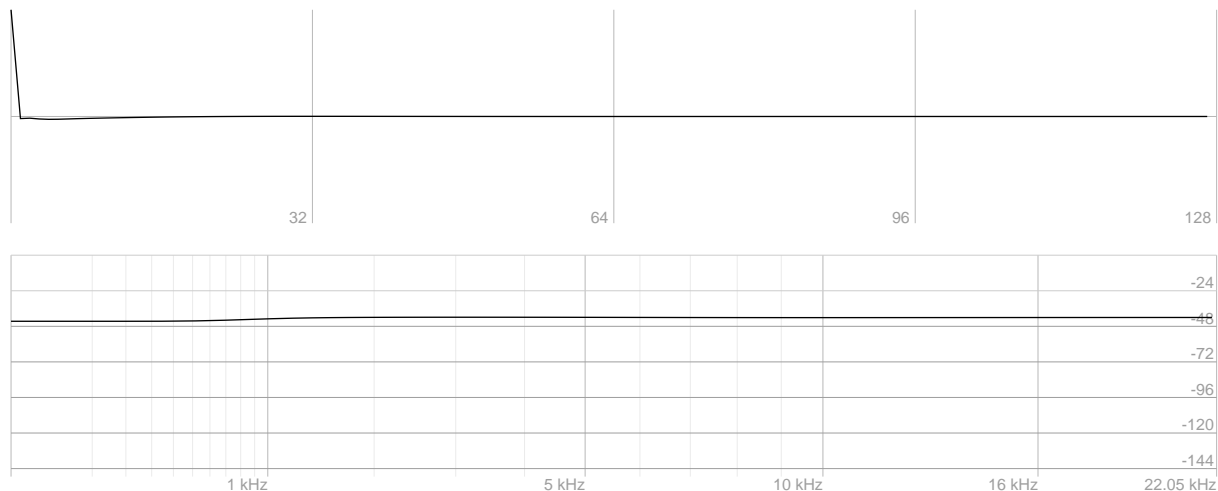
Controls: t (ms), width (ms), rate (Hz), phase, blend, feedforward, feedback

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



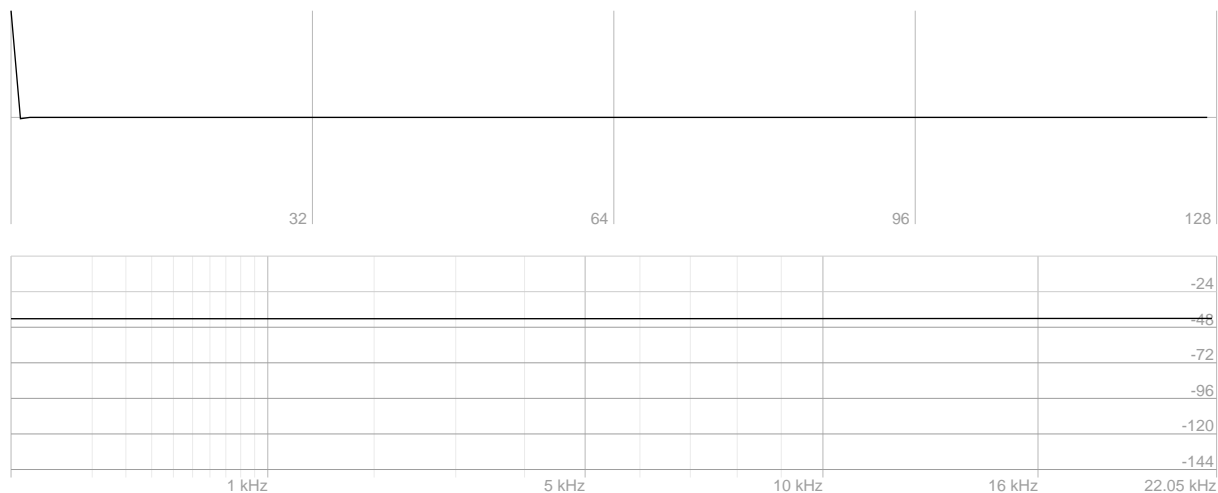
ChorusII (ID 2583)

Mono chorus/flanger modulated by a fractal

CPU Load: 0.9 % avg

Audio 1x1: in / out

Controls: t (ms), width (ms), rate, blend, feedforward, feedback



StereoChorusII (ID 2584)

Stereo chorus/flanger modulated by a fractal

CPU Load: 1.0 % avg

Audio 1x2: in / out:l, out:r

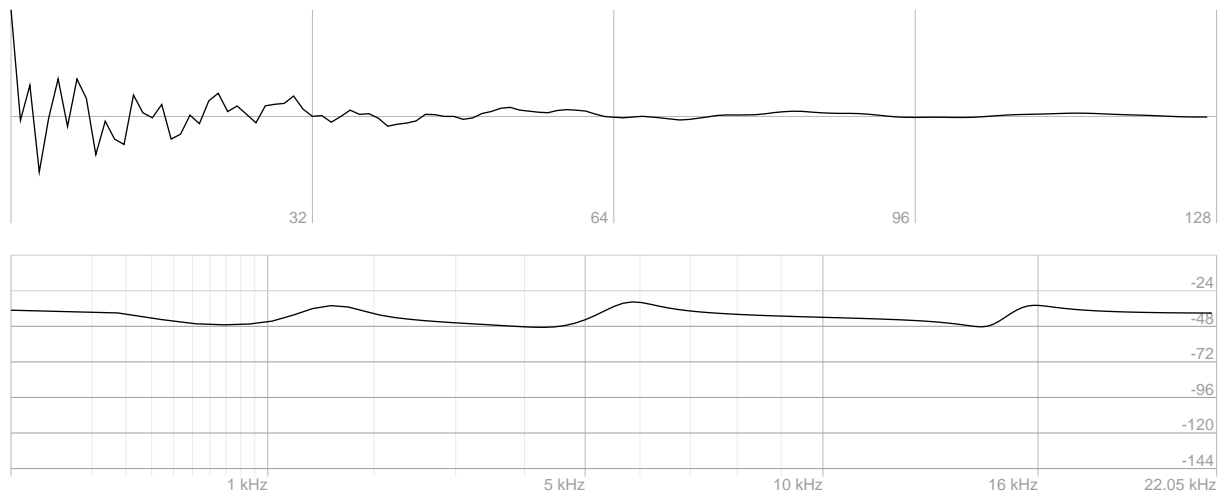
Controls: t (ms), width (ms), rate, blend, feedforward, feedback

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



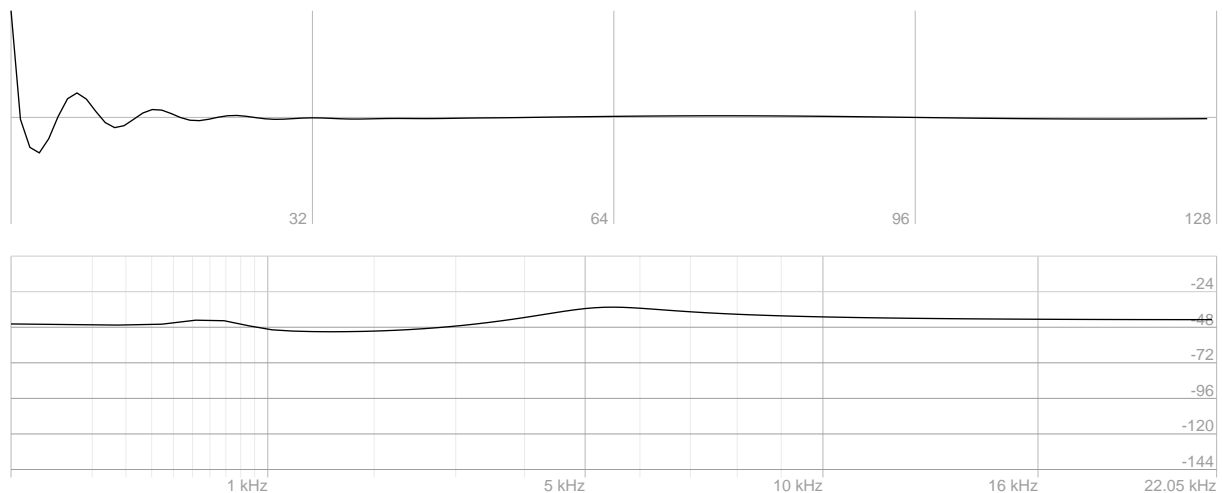
PhaserI (ID 1775)

Mono phaser

CPU Load: 0.4 % avg

Audio 1x1: in / out

Controls: rate (Hz), depth, spread, feedback



PhaserII (ID 2586)

Mono phaser modulated by a Lorenz fractal

CPU Load: 0.3 % avg

Audio 1x1: in / out

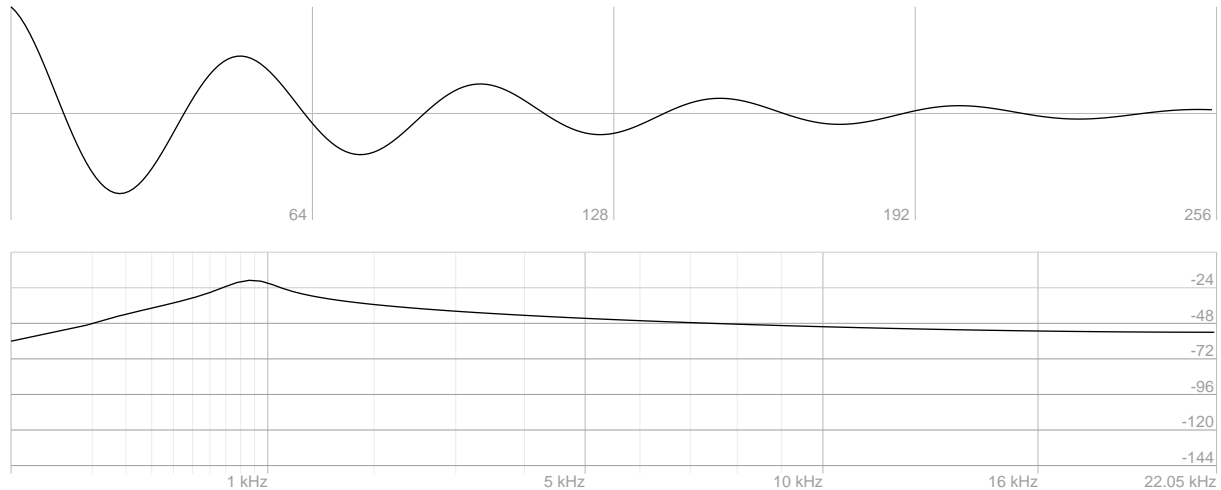
Controls: rate, depth, spread, feedback

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



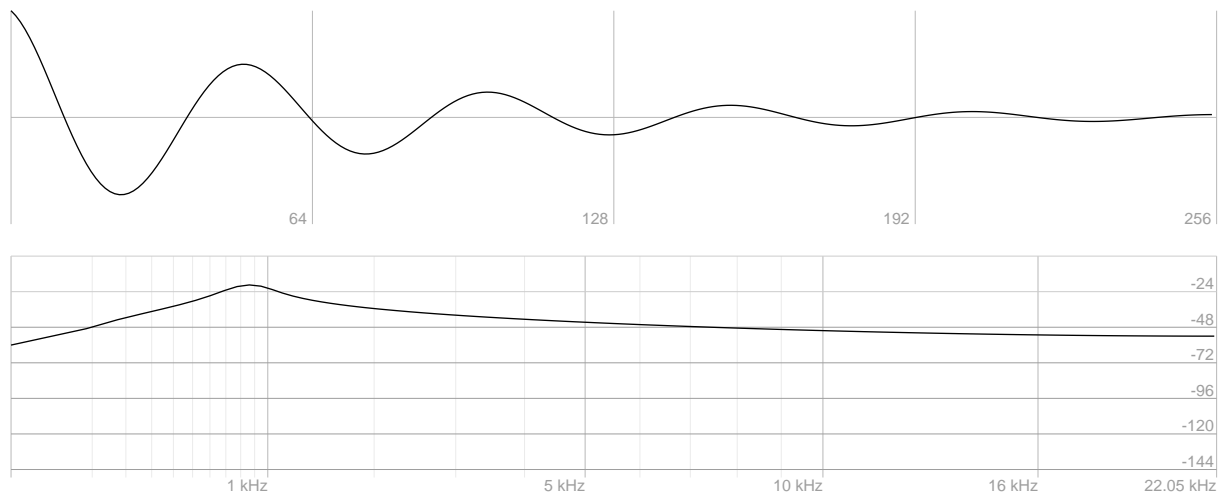
SweepVFI (ID 1782)

Resonant filter swept by a Lorenz fractal

CPU Load: 0.6 % avg

Audio 1x1: in / out

Controls: f, Q, mode, depth:x, depth:y, depth:z, h



SweepVFII (ID 2582)

Resonant filter, f and Q swept by a Lorenz fractal

CPU Load: 0.7 % avg

Audio 1x1: in / out

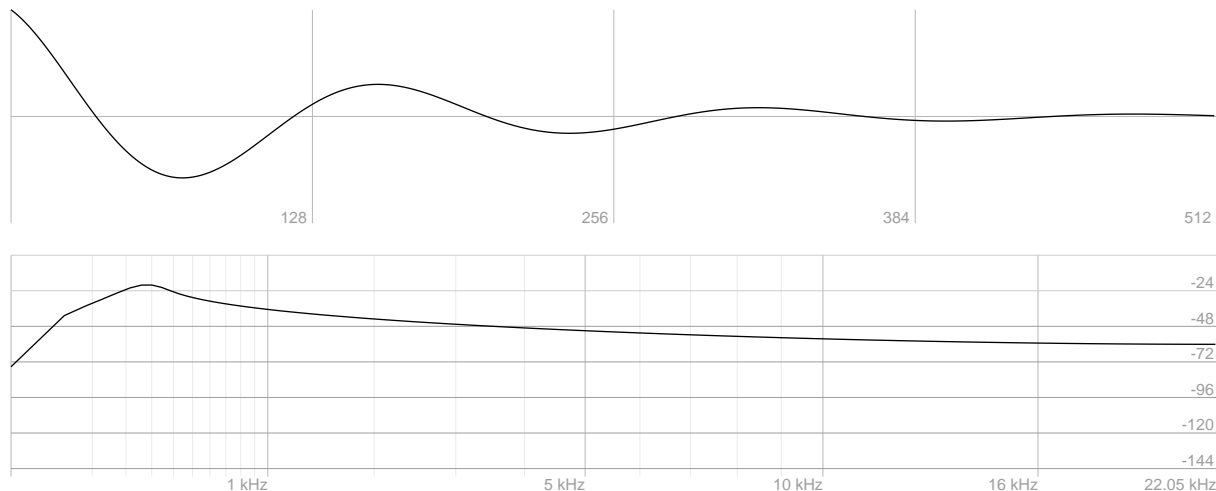
Controls: f, Q, mode, f:depth:x, f:depth:y, f:depth:z, f:h, Q:depth:x, Q:depth:y, Q:depth:z, Q:h

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



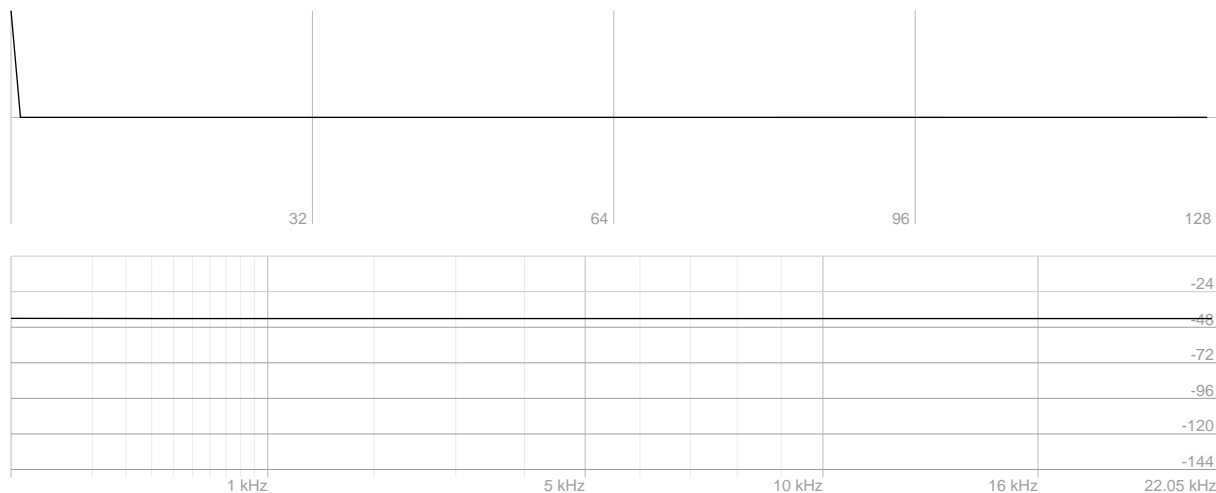
AutoWah (ID 2593)

Resonant envelope-following filter

CPU Load: 0.6 % avg

Audio 1x1: in / out

Controls: f, Q, depth



Scape (ID 2588)

Stereo delay + Filters

CPU Load: 0.8 % avg

Audio 1x2: in / out:l, out:r

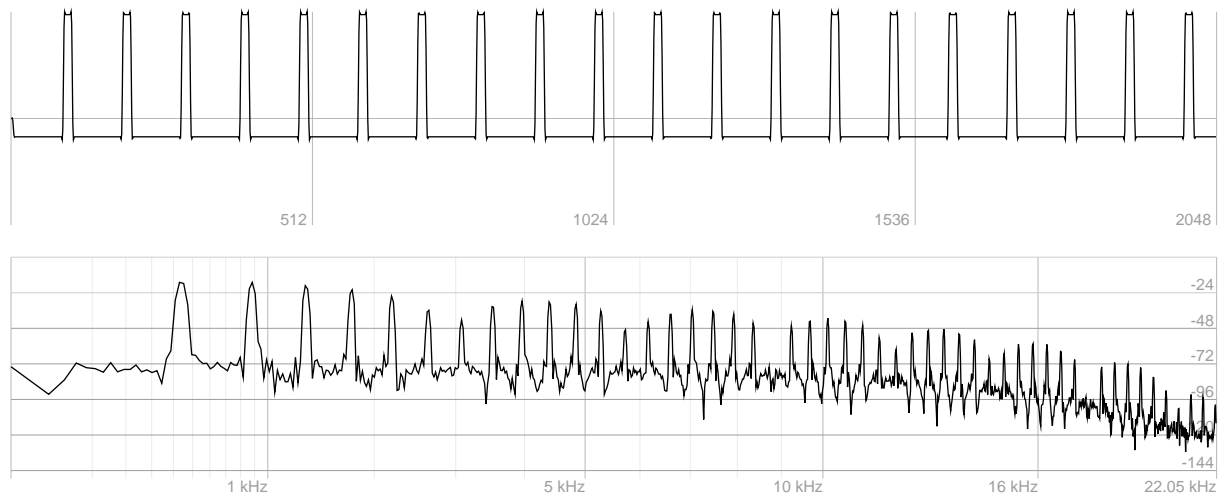
Controls: bpm, divider, feedback, dry, blend

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



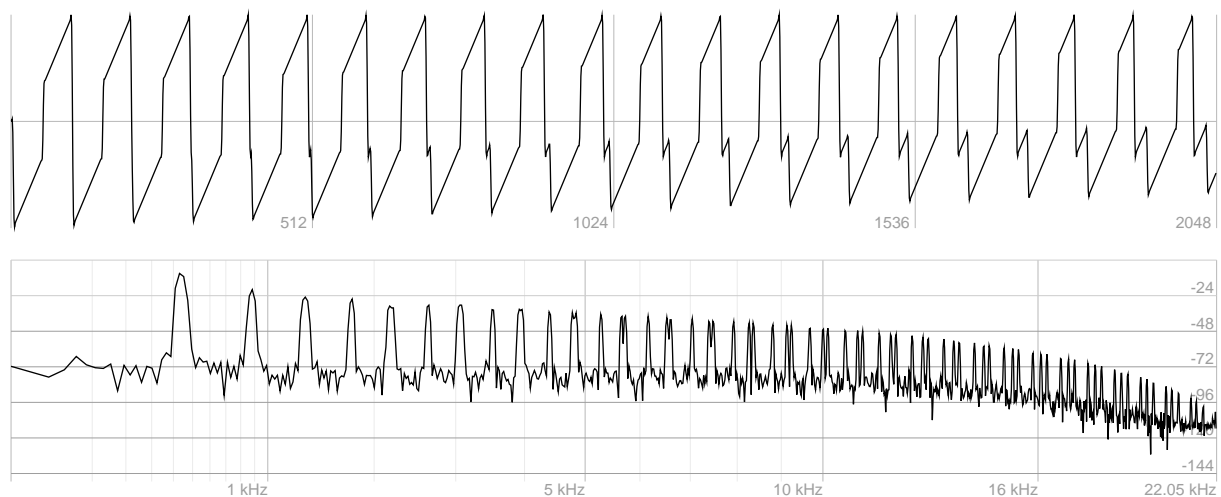
VCOs (ID 1783, no inputs)

Virtual 'analogue' oscillator

CPU Load: 1.0 % avg

Audio 0x1: out

Controls: f, tri .. saw, ~ .. square, volume



VCOd (ID 1784, no inputs)

Double VCO with detune and hard sync options

CPU Load: 1.5 % avg

Audio 0x1: out

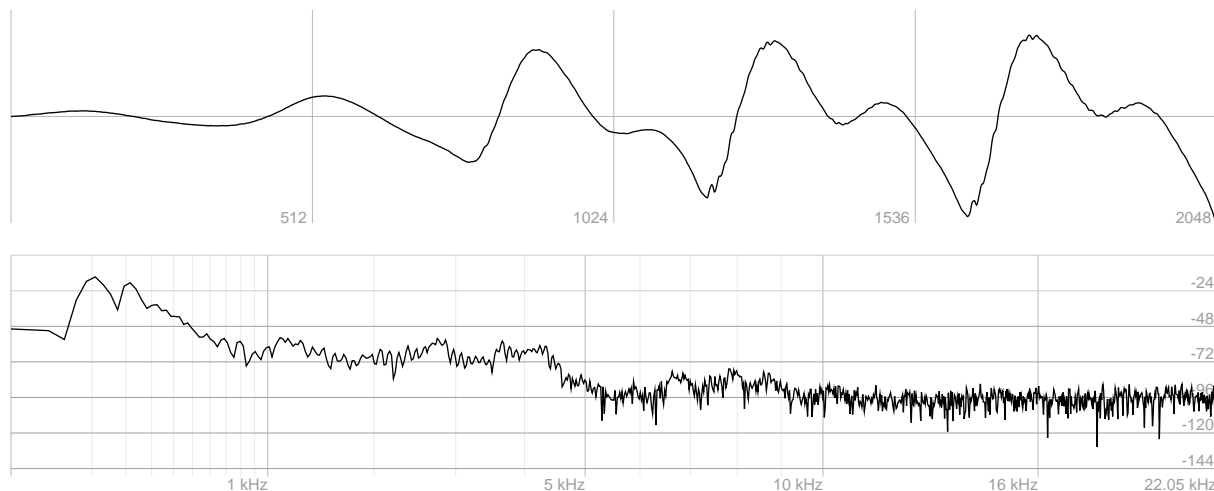
Controls: f, 1: tri .. saw, 1: ~ .. square, 2: tri .. saw, 2: ~ .. square, 2: tune, sync, blend, volume

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



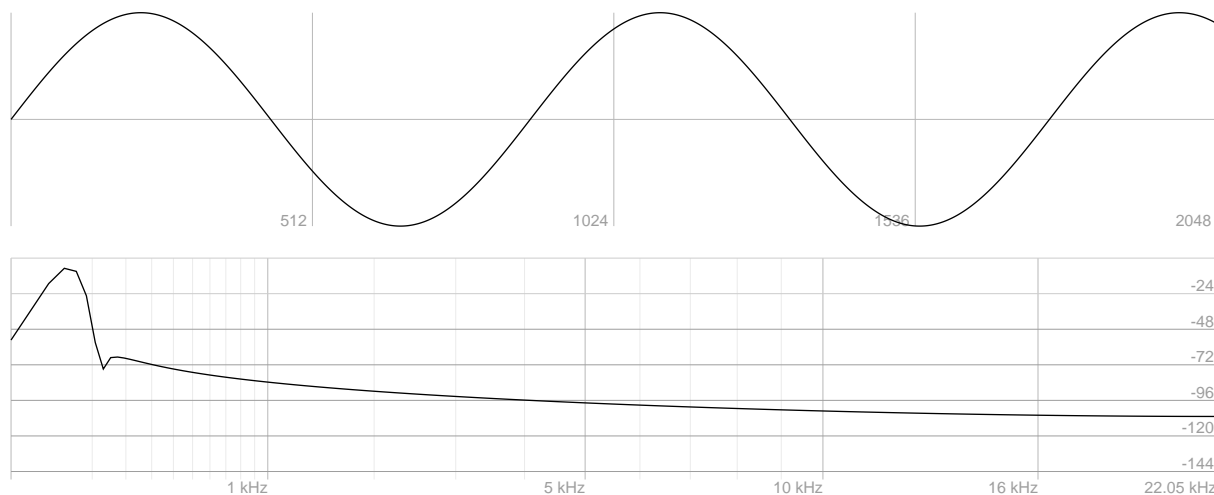
CEO (ID 1770, no inputs)

Chief Executive Oscillator

CPU Load: 0.2 % avg

Audio 0x1: out

Controls: mpm, volume, damping



Sin (ID 1781, no inputs)

Sine wave generator

CPU Load: 0.3 % avg

Audio 0x1: out

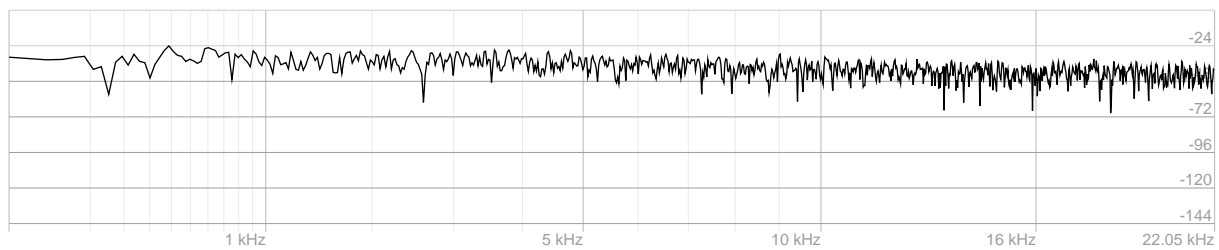
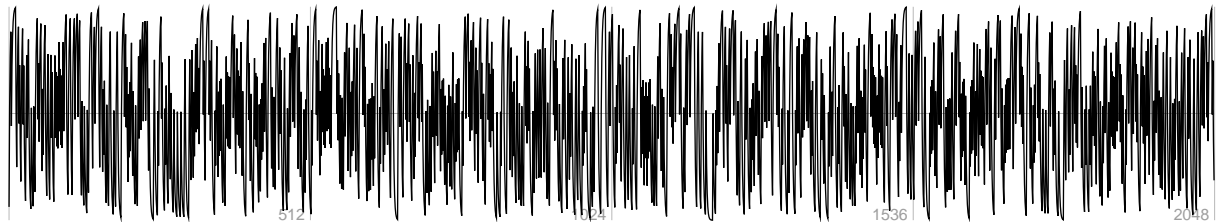
Controls: f, volume

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



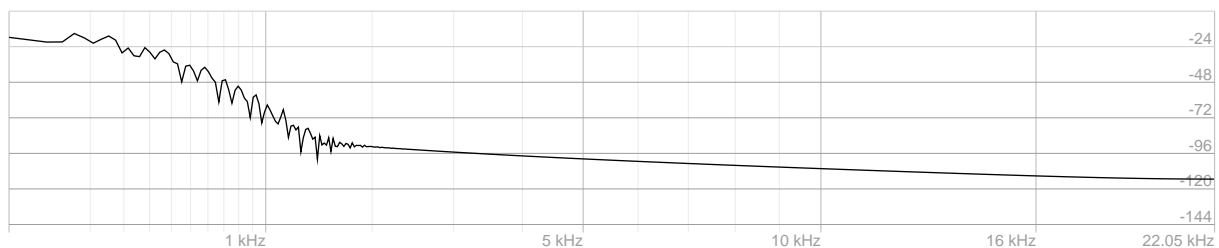
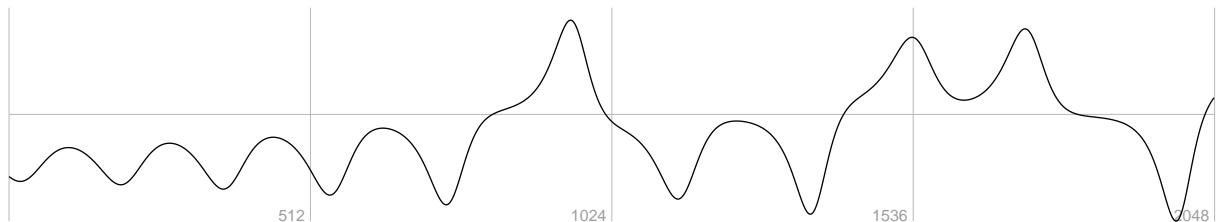
White (ID 1785, no inputs)

White noise generator

CPU Load: 0.2 % avg

Audio 0x1: out

Controls: volume



Lorenz (ID 1774, no inputs)

The sound of a Lorenz attractor

CPU Load: 0.3 % avg

Audio 0x1: out

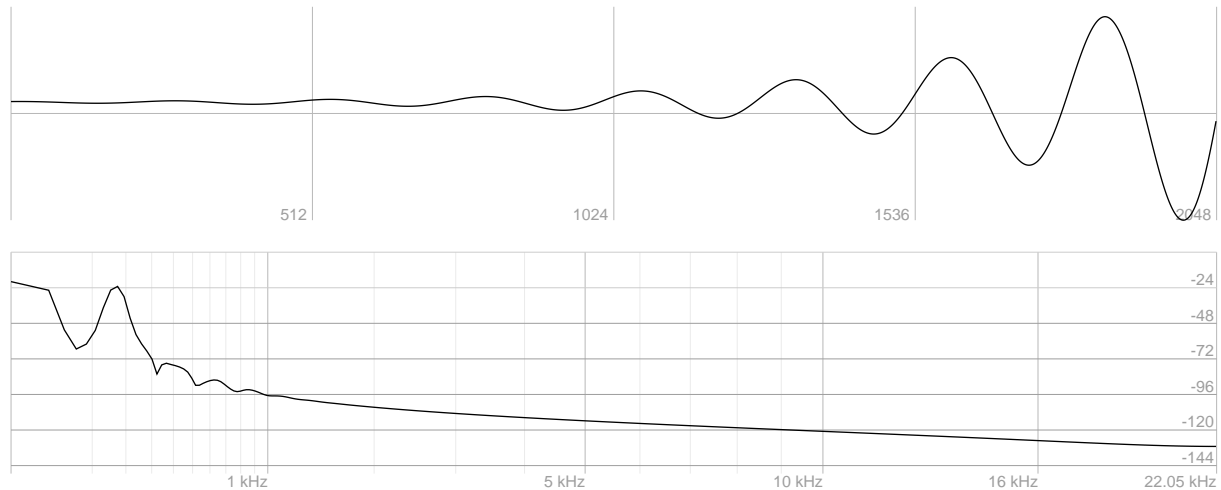
Controls: h, x, y, z, volume

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



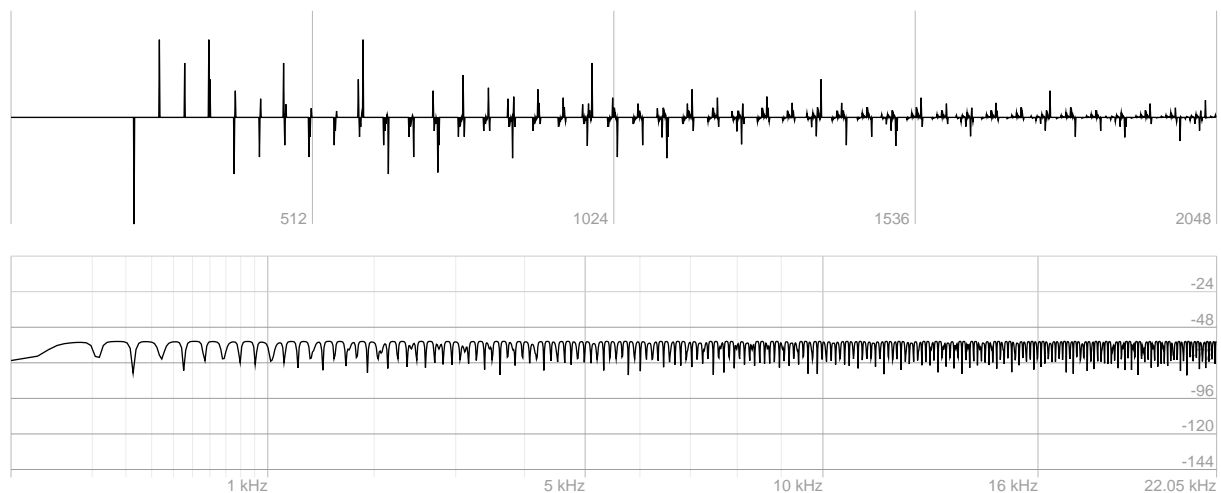
Roessler (ID 1780, no inputs)

The sound of a Roessler attractor

CPU Load: 0.3 % avg

Audio 0x1: out

Controls: h, x, y, z, volume



JVRev (ID 1778)

Stanford-style reverb from STK

CPU Load: 0.6 % avg

Audio 1x2: in / out:l, out:r

Controls: t60 (s), blend

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600

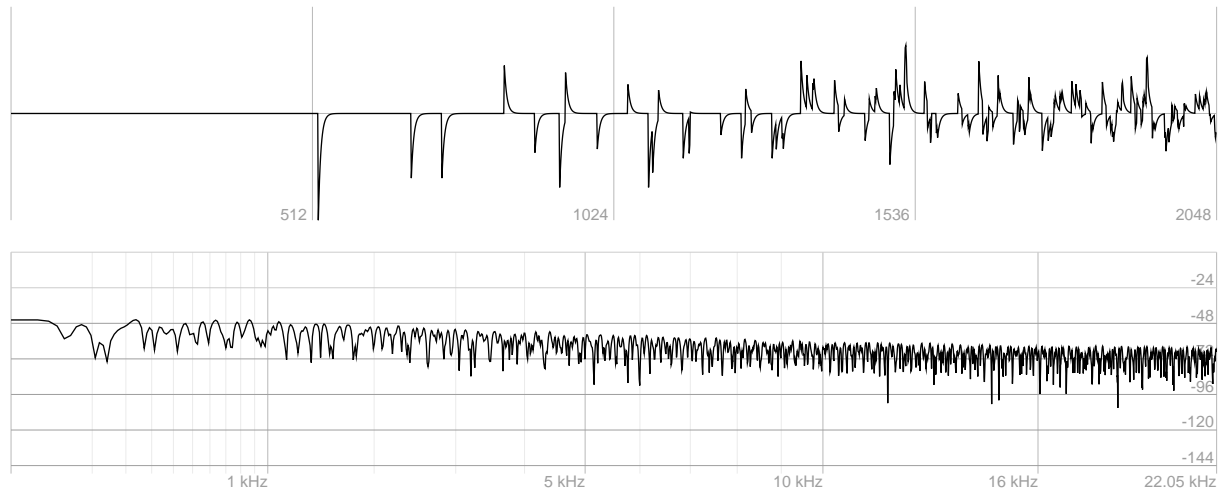


Plate (ID 1779)

Versatile plate reverb

CPU Load: 1.5 % avg

Audio 1x2: in / out:l, out:r

Controls: bandwidth, tail, damping, blend

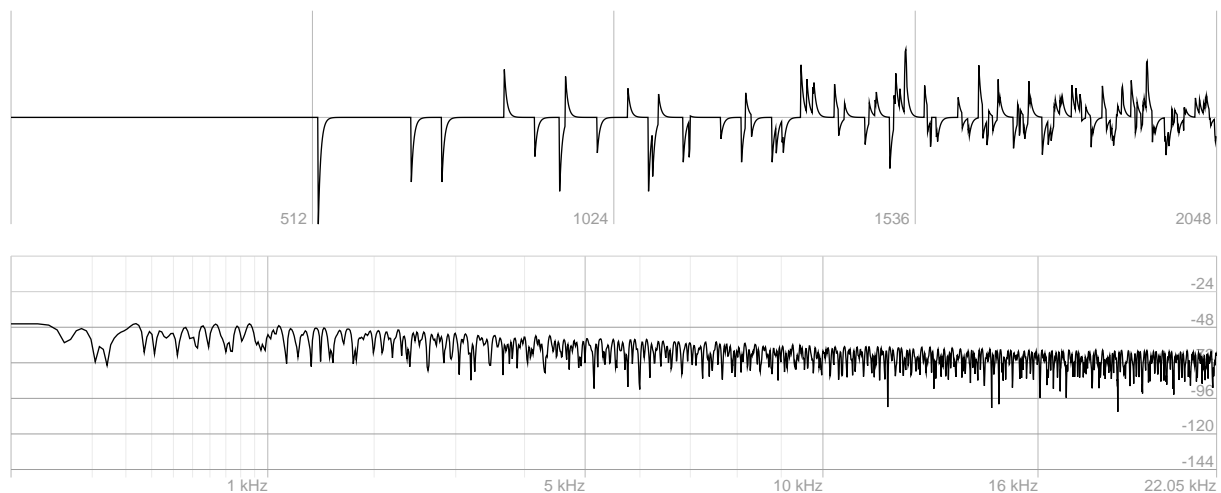


Plate2x2 (ID 1795)

Versatile plate reverb, stereo inputs

CPU Load: 1.5 % avg

Audio 2x2: in:l, in:r / out:l, out:r

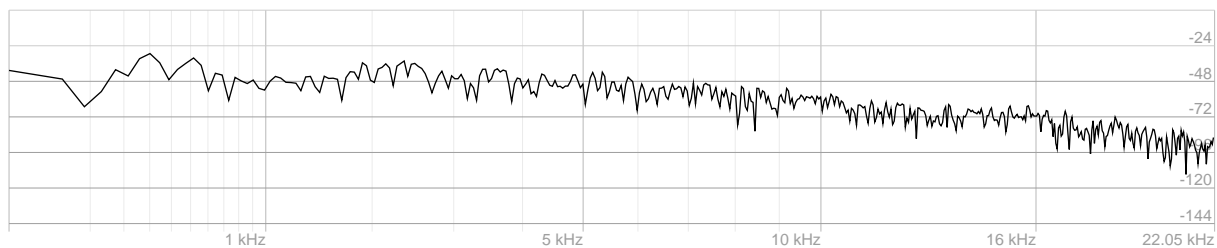
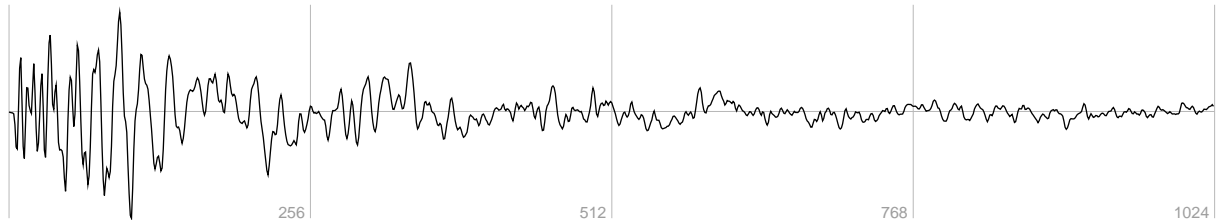
Controls: bandwidth, tail, damping, blend

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



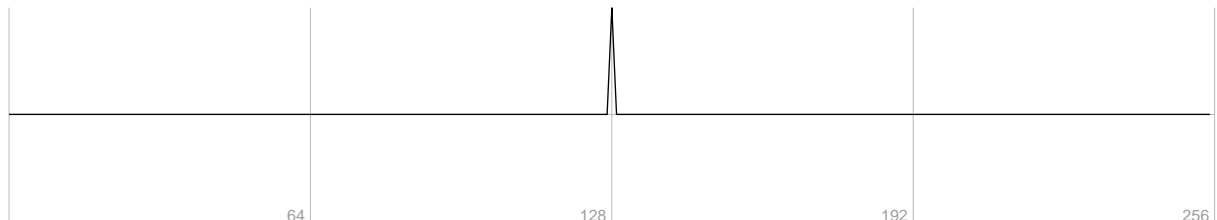
Click (ID 1769, no inputs)

Metronome

CPU Load: 0.3 % avg

Audio 0x1: out

Controls: bpm, volume, damping



Dirac (ID 2585, no inputs)

One-sample impulse generator

CPU Load: 0.3 % avg

Audio 0x1: out

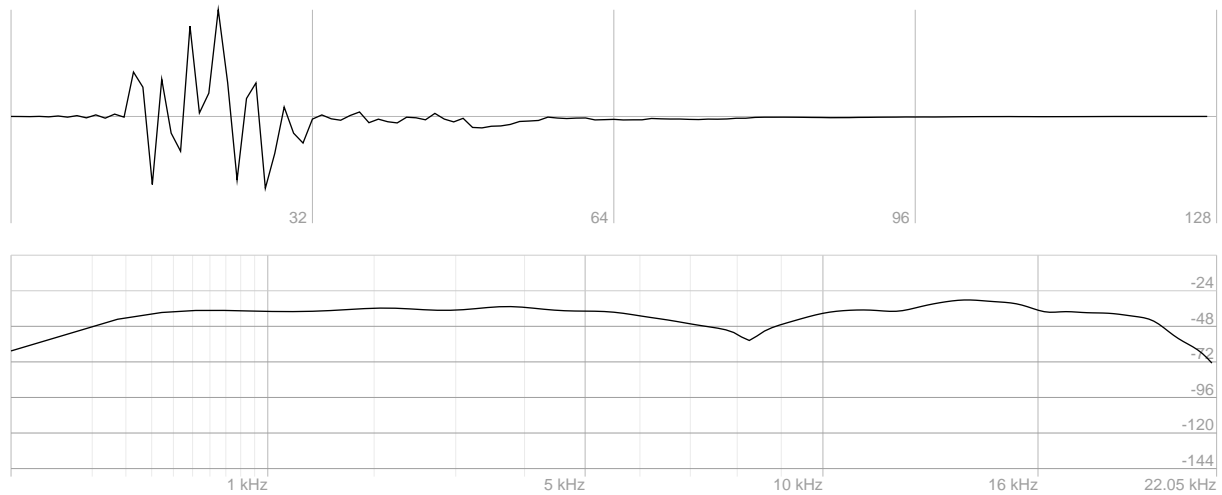
Controls: ppm, volume, damping

CAPS data sheet

Version 0.4.5, March 26 2011

Normalized impulse response (filters) or output (generators)

Estimated CPU usage figures for 2.7 ms through-latency audio (44.1 kHz), 2.4 GHz Core2 6600



HRTF (ID 1787)

Head-related transfer function at elevation 0

CPU Load: 1.2 % avg

Audio 1x2: in / out:l, out:r

Controls: pan