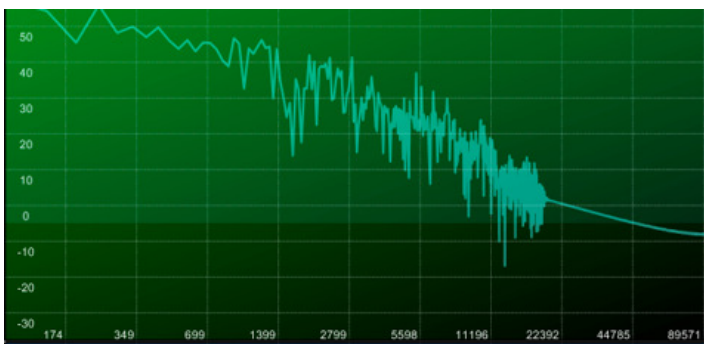


High Resolution Up-conversion for Audio

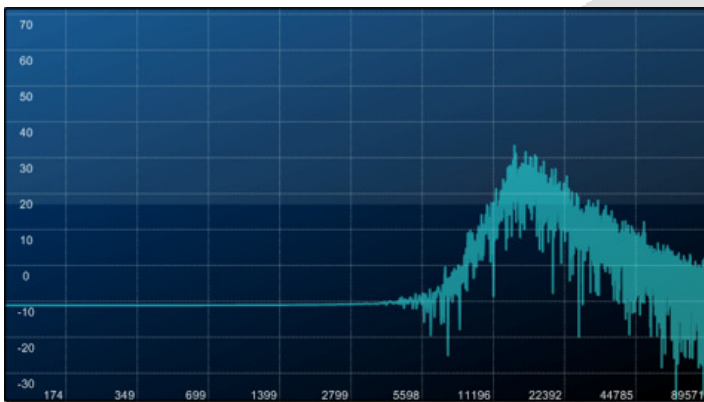
Overview

HFFx nFs is designed to restore missing high frequency content to up-conversions from 1Fs (44.1KHz and 48KHz) where bandwidths are restricted to less than 20KHz to 'High Resolution' audio rates such as 2Fs (88.2KHz, 96KHz), 4Fs (176.4KHz, 192KHz), 8Fs (352.8KHz, 384KHz) to deliver a more open, high resolution sound.

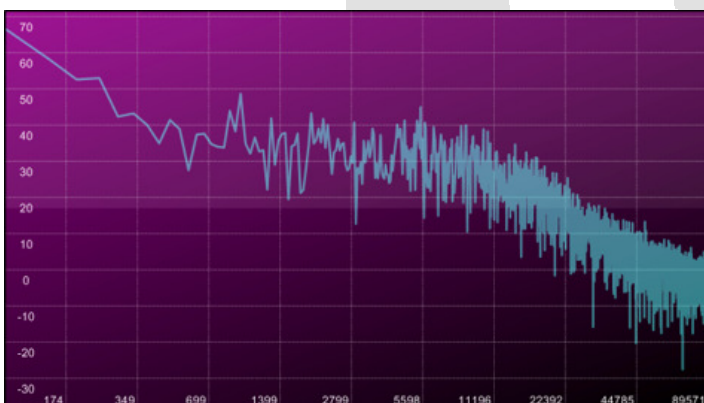
Displays



Incoming audio at 1Fs



Reconstructed harmonics



Reconstructed signal at 4Fs

Features

- Selectable 2Fs, 4Fs or 8Fs harmonic generation
- Level Control of harmonic addition

Implementation

HFFx nFs can be evaluated as a time limited PC Application (PC App) once an NDA is executed.

The PC App can also be used to tune systems and generate parameters that can be used in embedded applications.

Embedded deliverables can vary depending on requirements. The standard system is obfuscated C code, however, ports to many other low-level platforms are possible by arrangement.

Further Information

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