

ForceX ClearWave™ technology delivers a cleaner, more faithful sweep by significantly reducing **harmonic distortion** and lowering noise in the correlation response.

The result is a higher quality seismic source signature with **cleaner frequencies** and **improved sweep fidelity**.

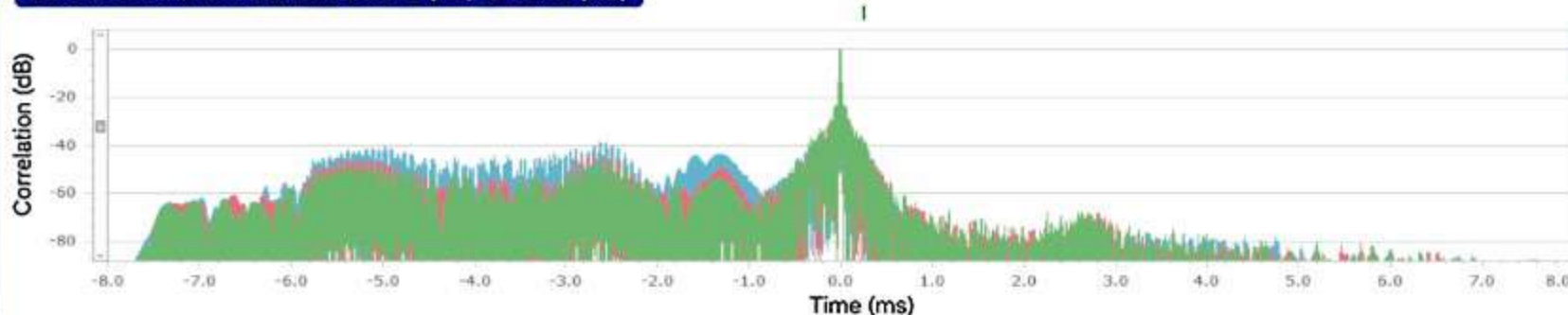


- LOWER DISTORTION**
 Dramatically reduces Total Harmonic Distortion (THD) across the sweep bandwidth.
- CLEANER SWEEP**
 Delivers a purer sweep with cleaner spectral content.
- QUIETER CORRELATION**
 Reduces noise in the crosscorrelation response for a more defined peak.
- SUPERIOR FIDELITY**
 Improves sweep fidelity and consistency for better data quality and imaging.

MEASURED RESULTS. CLEAR DIFFERENCE.

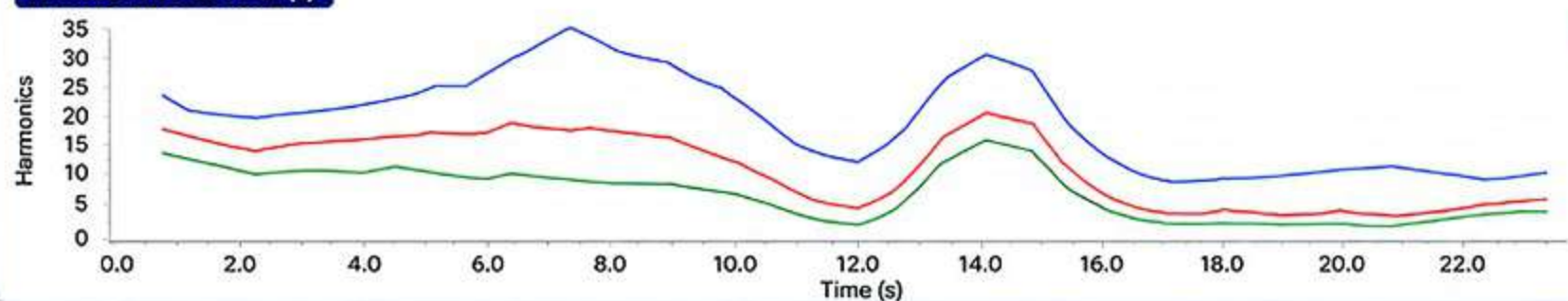
Comparing three sweeps with different electronics and settings.
 Blue and Red are conventional systems. Green is ForceX with ClearWave™ enabled.

CROSSCORRELATION ENVELOPE (dB) vs TIME (ms)



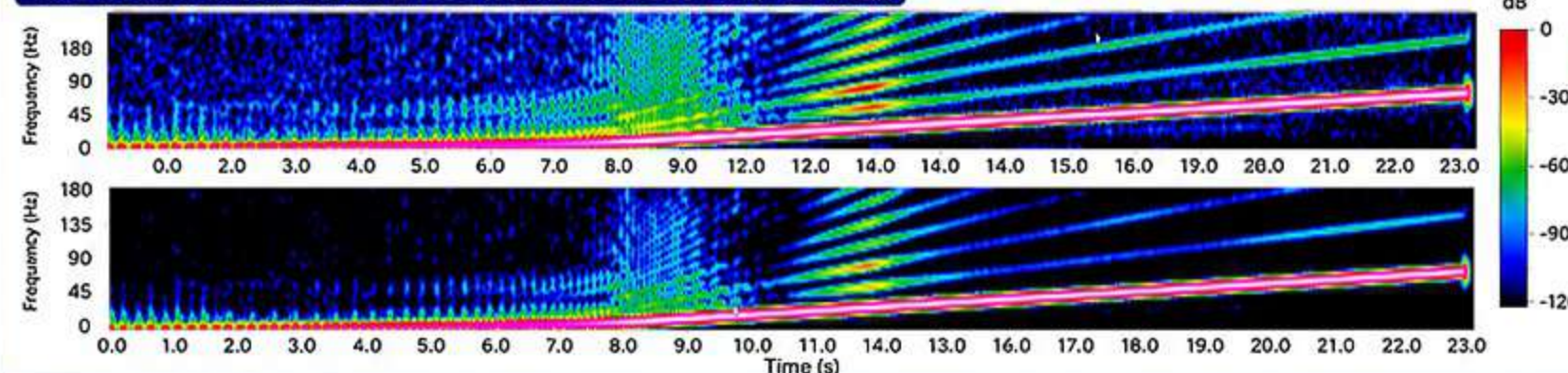
QUIETER CORRELATION
 ClearWave™ delivers a quieter correlation response with a cleaner, sharper peak.

HARMONICS vs TIME (s)



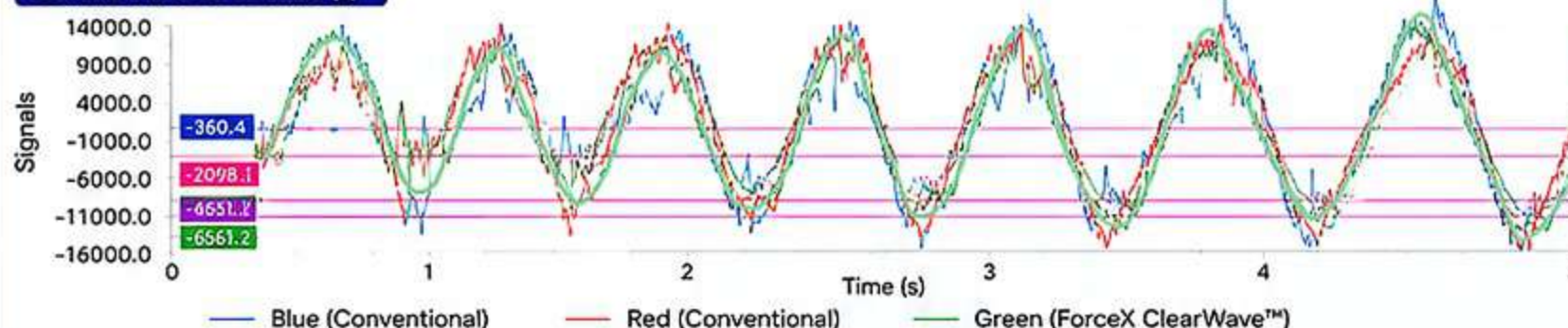
LOWER HARMONICS
 Significantly reduced harmonic content across the entire sweep duration.

TIME VARIANT SPECTRAL AMPLITUDE (dB) vs FREQUENCY (Hz) vs TIME (s)



REDUCED DISTORTION PRODUCTS
 ClearWave™ minimizes harmonic build-up and keeps energy focused in the fundamental frequency.

SIGNAL TRACES vs TIME (s)



CLEANER SIGNAL
 ClearWave™ produces the cleanest and most stable sweep with superior signal fidelity.



**LOWER DISTORTION. LOWER NOISE IN CORRELATION.
 CLEANER FREQUENCIES. HIGHER SWEEP QUALITY.**