

EdiTracker

Recorder parameters | Indicators of Digital Processing | Spectrum Estimation | Phase Scanning | Background Scanning | Auditory analysis | Conclusions

Search for discontinuities of phase of stable technical signals available in audio recordings (electromagnetic interference, TTM (tape transport mechanism) beat)

Set frequency: 61.825 Hz 123.65 Hz 185.475 Hz


Phase accuracy: Low Normal High

Narrow-band filter
 Noise cancellation

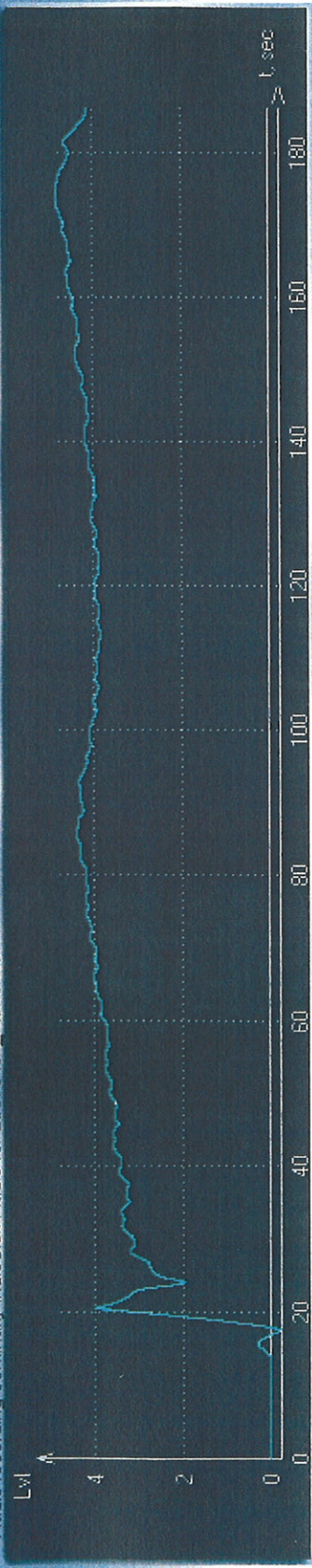
Signal waveform Audio for 20975 left_mono.wav .Fs=44100 Hz

Detected spots of feature discontinuity:
1. 08"848_ms phase break 2.60339
2. 16"852_ms phase break 1.78219
3. 24"857_ms phase break 1.30643

<< Prev Next >> survey 1 sec All



Audio recording continuity indicator. Audio for 20975 left_mono.wav



Procedure

Analysis results: Detected 3 points of abrupt change in phase

Audio recording analysis for precise determination of frequency values of stationary harmonics present in the signal in the specified range

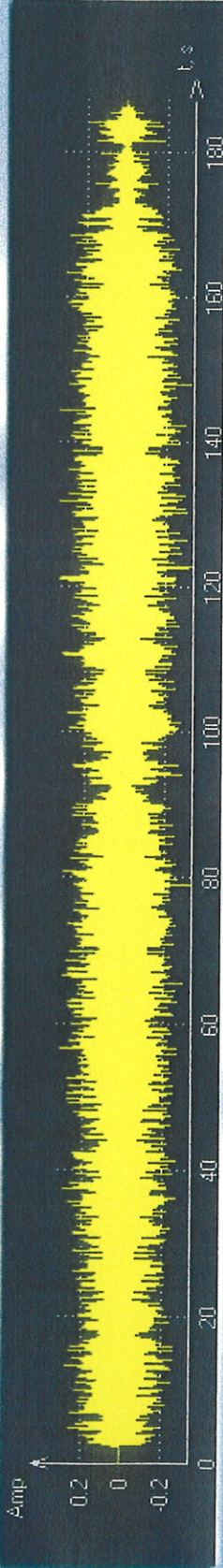
Range from to Hz

Analysis results:

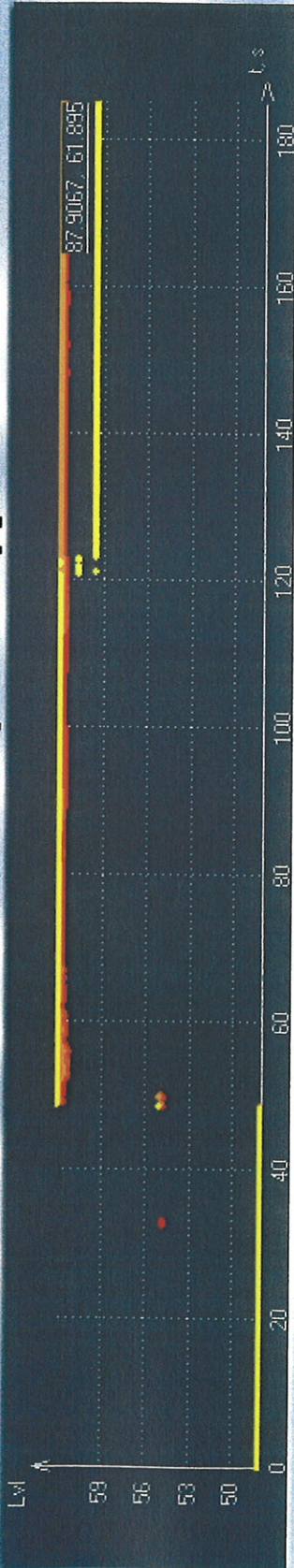
Signal analysis in the range [48 ; 62] revealed the following harmonics:

1. 59.41 Hz
2. 61.825 Hz
3. 61.685 Hz

Signal waveform Audio for 20975 right_mono.wav , Fs=44100 Hz



Indicator of search for a precise frequency value of stationary harmonics in the audio recording: Audio for 20975 right_mono.wav



Scanning accuracy:

Low Normal High

Instantaneous spectrum

