

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

**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. 61.79 Hz
2. 61.72 Hz
3. 61.51 Hz

Signal waveform Audio for 00765 (2) [44100 Hz].wav , Fs=44100 Hz

Instantaneous spectrum

Indicator of search for a precise frequency value of stationary harmonics in the audio recording: Audio for 00765 (2) [44100 Hz].wav

Scanning accuracy:  Low  Normal  High

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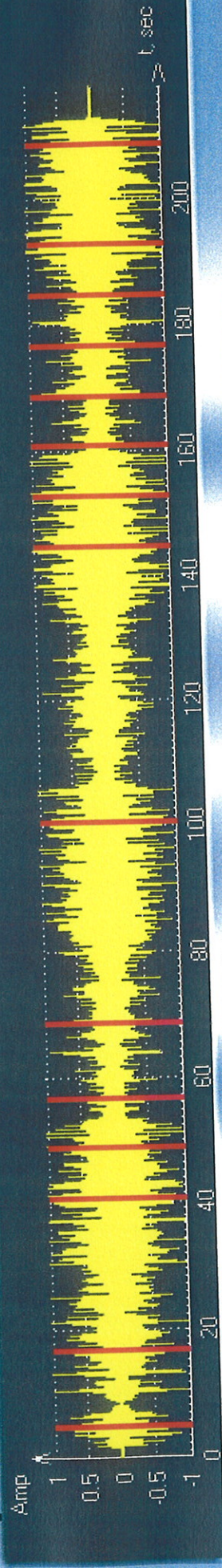
Search for discontinuities of phase of stable technical signals available in audio recordings (electromagnetic interference, TTM (tape transport mechanism; beat))

Set frequency:  61.79 Hz  123.58 Hz  185.37 Hz

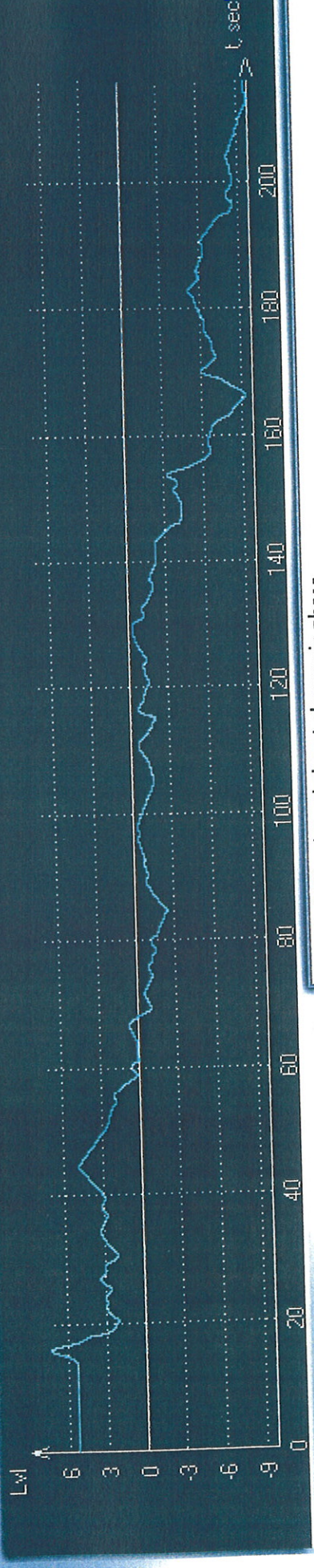
Phase accuracy:  Low  Normal  High

Narrow-band filter  
 Noise cancellation

Signal waveform Audio for 00765 (2) [44100 Hz].wav, Fs=44100 Hz



Audio recording continuity indicator: Audio for 00765 (2) [44100 Hz].wav



Detected spots of feature discontinuity:

- 1. 04"845\_ms phase break 4.48796
- 2. 16"852\_ms phase break -4.38727
- 3. 40"866\_ms phase break 0.674196
- 4. 48"870\_ms phase break -1.65434
- 5. 56"875\_ms phase break -1.89406
- 6. 01"08" phase break -1.02165
- 7. 01"40" phase break -0.716388
- 8. 02"24" phase break -1.36006

<< Prev Next >> survey | 1 sec

Analysis results: Detected 15 points of abrupt change in phase

Procedure

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