

39

**iTracker** | 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 [58 ; 62] revealed the following harmonics:  
1. 61.95 Hz  
2. 61.89 Hz  
3. 61.87 Hz

Signal waveform: Audio for 20973 (2) [44100 Hz].wav , Fs=44100 Hz

**Instantaneous spectrum**  
Amp: 0.0005, 0.0004, 0.0003, 0.0002, 0.0001  
F: 58, 59, 60, 61, 62 Hz

Indicator of search for a precise frequency value of stationary harmonics in the audio recording: Audio for 20973 (2) [44100 Hz].wav

Lvl: 61, 60, 59, 58  
111.222 61.96

Scanning accuracy:  Low  Normal  High

**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:  61.95 Hz  123.9 Hz  185.85 Hz

Phase accuracy:  Low  Normal  High

Narrow-band filter  Noise cancellation

Search

Detected spots of feature discontinuity:

1. 12'850\_ms phase break -2.42867
2. 40'866\_ms phase break -1.9381
3. 52'873\_ms phase break -0.968663
4. 01'16" phase break -1.25965
5. 01'28" phase break -0.778516
6. 02'32" phase break -1.63968

<< Prev Next >> survey | 1 sec

Signal waveform Audio for 20973 (2) [44100 Hz].wav, Fs=44100 Hz

Audio recording continuity indicator: Audio for 20973 (2) [44100 Hz].wav

Analysis results: Detected 6 points of abrupt change in phase

Procedure

34