

Method for increase of intelligibility of speech in patients with sensorineural hearing loss relates to medicine and can be used for processing speech signals in hearing apparatuses with purpose of improvement of speech reception by patients that suffer from sensorineural hearing loss. The method is in fact that in spectrum of speech signal one separated formants, after that filtration is carried out for two first formants of sounds that are included to speech sequence, with following separation of frequency bands that are at boundary with range of formant peak, with laying of filter to spectrum of speech signal with cutoff of frequencies over 1 kHz. Separation of most informative regions of spectrum promotes improvement of speech reception, increase of intelligibility of speech signal in patients with sensorineural hearing loss.