What is claimed is:

1. A method of encoding an audio signal, the method comprising:

receiving the audio signal;

obtaining, performed by at least one processor, first parameters of a current frame of the audio signal;

selecting, performed by the at least one processor, a class of the current frame of the audio signal from among a plurality of classes including a music class and a speech class, based on the first parameters of the current frame;

obtaining second parameters including first tonality, second tonality and third tonality;

determining, performed by the at least one processor, whether to change the selected class of the current frame based on the obtained second parameters and a hangover parameter;

when it is determined to change the selected class of the current frame, changing, performed by the at least one processor, the selected class of the current frame to another class;

encoding, performed by the at least one processor, the current frame, based on either the selected class or the another class of the current frame; and

generating a bitstream based on the encoded current frame,

wherein the first tonality is obtained from a subband of 0 to 1 kHz, the second tonality is obtained from a subband of 1 to 2 kHz and the third tonality is obtained from a subband of 2 to 4 kHz.

2. The method of claim 1, wherein the changing is performed based on at least two independent states.

3. The method of claim 1, wherein the second parameters further include a difference between a voicing parameter and a correlation parameter.

4. The method of claim 1, wherein the determining of whether to change the selected class of the current frame comprises:

determining whether the current frame has speech characteristics when the current frame is classified as the music class; and

determining whether the current frame has music characteristics when the current frame is classified as the speech class.

5. The method of claim 1, wherein the changing comprises:

changing a classification of the current frame, when the current frame is classified as the music class and has speech characteristics; and

changing the classification of the current frame, when the current frame is classified as the speech class and has music characteristics.