


Coverage for audio_calculations_test.py: 100%

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31 statements

31 run

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[1](#)from audio_calculations import audio_calculations as ac

[2](#)

[3](#)def test_wavFileOneChannel():

[4](#) a = ac('SineWave.wav')

[5](#) info = a.open_wav_file()

[6](#) assert 48000 == info[1]

[7](#) assert 480000 == info[2]

[8](#) assert 1 == info[3]

[9](#)

[10](#) peak = a.get_peak(info)

[11](#) assert -6.0 == round(peak,1)

[12](#)

[13](#) lufs = a.get_luf(info)

[14](#) assert -9.0 == round(lufs,1)

[15](#)

[16](#)def test_flacFileMultChannels():

[17](#) a = ac('2_Channel_24_48_minus6db.flac')

[18](#) info = a.open_wav_file()

[19](#) assert 48000 == info[1]

```
20 assert 480000 == info[2]

21 assert 2 == info[3]

22

23 peak = a.get_peak(info)

24 assert -0.7 == round(peak,1)

25

26 lufs = a.get_luf(info)

27 assert -4.7 == round(lufs,1)

28

29 def test_mp4FileMultChannels():

30 a = ac('2_Channel_24_48_minus6db.mp4')

31 info = a.open_wav_file()

32 assert 44100 == info[1]

33 assert 443205 == info[2]

34 assert 2 == info[3]

35

36 peak = a.get_peak(info)

37 assert -1.2 == round(peak,1)

38

39 lufs = a.get_luf(info)

40 assert -5.5 == round(lufs,1)
```

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