FLAC-compressed wave file (44.1 kHz, 24 bit, stereo)
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Please verify correctness of peak and average meters programmatically and
visually.

Given levels describe the left channel, while the right channel has been
amplified by +0.20 dB. All readouts should be validated on both peak and
average meters.

00:00.000 - 00:01.000 silence
00:01.000 - 00:04.000 sine wave (997 Hz, -24.1 dB FS peak)

                       [left level meters should read -24.1 dB]
                       [right level meters should read -23.9 dB]

00:04.000 - 00:05.000 silence
00:05.000 - 00:08.000 sine wave (997 Hz, -23.1 dB FS peak)

                       [left level meters should read -23.1 dB]
                       [right level meters should read -22.9 dB]

00:08.000 - 00:09.000 silence
00:09.000 - 00:12.000 sine wave (997 Hz, -22.1 dB FS peak)

                       [left level meters should read -22.1 dB]
                       [right level meters should read -21.9 dB]

00:12.000 - 00:13.000 silence
00:13.000 - 00:16.000 sine wave (997 Hz, -21.1 dB FS peak)

                       [left level meters should read -21.1 dB]
                       [right level meters should read -20.9 dB]

00:16.000 - 00:17.000 silence
00:17.000 - 00:20.000 sine wave (997 Hz, -20.1 dB FS peak)

                       [left level meters should read -20.1 dB]
                       [right level meters should read -19.9 dB]

00:20.000 - 00:21.000 silence
00:21.000 - 00:24.000 sine wave (997 Hz, -19.1 dB FS peak)

                       [left level meters should read -19.1 dB]
                       [right level meters should read -18.9 dB]

00:24.000 - 00:25.000 silence
00:25.000 - 00:28.000 sine wave (997 Hz, -18.1 dB FS peak)

                       [left level meters should read -18.1 dB]
                       [right level meters should read -17.9 dB]

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00:28.000 - 00:29.000  silence
00:29.000 - 00:32.000  sine wave (997 Hz, -17.1 dB FS peak)

                       [left  level meters should read  -17.1 dB]
                       [right level meters should read  -16.9 dB]

00:32.000 - 00:33.000  silence
00:33.000 - 00:36.000  sine wave (997 Hz, -16.1 dB FS peak)

                       [left  level meters should read  -16.1 dB]
                       [right level meters should read  -15.9 dB]

00:36.000 - 00:37.000  silence
00:37.000 - 00:40.000  sine wave (997 Hz, -15.1 dB FS peak)

                       [left  level meters should read  -15.1 dB]
                       [right level meters should read  -14.9 dB]

00:40.000 - 00:41.000  silence
00:41.000 - 00:44.000  sine wave (997 Hz, -14.1 dB FS peak)

                       [left  level meters should read  -14.1 dB]
                       [right level meters should read  -13.9 dB]

00:44.000 - 00:45.000  silence
00:45.000 - 00:48.000  sine wave (997 Hz, -13.1 dB FS peak)

                       [left  level meters should read  -13.1 dB]
                       [right level meters should read  -12.9 dB]

00:48.000 - 00:49.000  silence
00:49.000 - 00:52.000  sine wave (997 Hz, -12.1 dB FS peak)

                       [left  level meters should read  -12.1 dB]
                       [right level meters should read  -11.9 dB]

00:52.000 - 00:53.000  silence
00:53.000 - 00:56.000  sine wave (997 Hz, -11.1 dB FS peak)

                       [left  level meters should read  -11.1 dB]
                       [right level meters should read  -10.9 dB]

00:56.000 - 00:57.000  silence
00:57.000 - 01:00.000  sine wave (997 Hz, -10.1 dB FS peak)

                       [left  level meters should read -10.1 dB]
                       [right level meters should read  -9.9 dB]

01:00.000 - 01:01.000  silence
01:01.000 - 01:04.000  sine wave (997 Hz,  -9.1 dB FS peak)

                       [left  level meters should read  -9.1 dB]
                       [right level meters should read  -8.9 dB]

                       [left  overload meter should be empty]
                       [right overload meter should read -9]
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01:04.000 - 01:05.000  silence
01:05.000 - 01:08.000  sine wave (997 Hz,  -8.1 dB FS peak)

                       [left  level meters should read  -8.1 dB]
                       [right level meters should read  -7.9 dB]

                       [left  overload meter should read -8]
                       [right overload meter should read -8]

01:08.000 - 01:09.000  silence
01:09.000 - 01:12.000  sine wave (997 Hz,  -0.1 dB FS peak)

                       [left  average meter should read  -0.1 dB]
                       [right average meter should read  +0.1 dB]
                       [left  peak    meter should read  -0.1 dB]
                       [right peak    meter should read  +0.0 dB]

                       [left  overload meter should read  0]
                       [right overload meter should read  0]

01:12.000 - 01:13.000  silence
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Validation settings
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File: level_meters_stereo.flac
Host SR: 44 100 Hz
Channel: All
Display: [x] Peak meter level
          [x] Average meter level