

Re: op-amps with wide open-loop bandwidth ?

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-03/msg01626.html>

- *From:* "Dave Moore" <valveless@xxxxxxxx>
 - *Date:* Sun, 12 Mar 2006 23:11:11 -0600
-

Oops, "unity" isn't what I meant. I mean, I want any op-amp that is flat (more or less) to 20Khz I'm not looking for any specific specs beyond that, so it's V/mv gain curve isn't so important as long as long as it's reasonable to 20KHz also

I'm simply looking for a wide variety of op-amp types for sonic evaluation. IOW, I'm attempting to correlate what my ear hears with with the variations in specs from one op-amp to another and sadly deficient in the list of op-amps I've evaluated so far are any that are flat open-loop to 20Khz or higher. The best I have on hand are 10KHz.

So far my short list of star performers via the old golden ear test are;
THS4022, THS4052, THS4062, THS4012,
AD828, LT1363

Although it should be mentioned that these are for guitar amplifiers and that Audio Hi-Fi enthusiasts might not agree about the merits of the afore mentioned.

DM

"Dave Moore" <valveless@xxxxxxxx> wrote in message [news:nQ6Rf.5143\\$wO6.2835@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:nQ6Rf.5143$wO6.2835@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

:

: "John Popelish" <jpopelish@xxxxxxxx> wrote in message news:KZGdnUxYwPnxa4nZRVn-rg@xxxxxxxxxxxxxxxxxxxx

:: Dave Moore wrote:

:: > Hello,

:: > Anyone know of any op-amps with

:: > open-loop bandwidth in excess of 20KHz ?

:: >

:: > Thanks.

:: > Dave Moore

:: >

Re: op-amps with wide open-loop bandwidth ?

::>

:: Opamps are rated for speed in units of gain times bandwidth, or gain

:: bandwidth product. What open loop gain are you looking for at 20 kHz?

:

:

: Unity or above.

:

: Above = better :-)

:

:

.