
Subject: Re: 4 Pi Design Questions

Posted by [Nichol1997](#) on Sat, 02 Jun 2012 00:30:50 GMT

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I went ahead and remeasured them based on your instructions (see attached). I took the measurements in my family room and I think that the mic is picking up room reflections. To verify this, I also measured a MTM speaker and one can see how it almost matches the Pi4 response in certain areas (see 2nd attachment, MTM is labeled as BAMTM on the graph).

I also attached a picture of the mic position along with the mic stand that I had to make. The mic is 36" from the baffle and centered on the top half of the JBL 2226 cone.

Thanks for taking the time to explain where to place the mic when taking measurements. On the graph that you posted of your Pi4 measurements, what type of smoothing did you use (1/12)?

File Attachments

1) [lr pi4 lay dwn 36in centered baffle near top half of 2226.jpg](#), downloaded 7728 times

2) [pi4 ylw, bamtm blu 36, 38 from baffle.jpg](#), downloaded 7779 times

3) [Pi4 Mic Location.jpg](#), downloaded 7531 times
