Subject: Re: Mono "flanking sub"
Posted by Wayne Parham on Thu, 14 Jul 2016 20:00:27 GMT
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Let's say your mains are 2.5 feet away from the wall behind them, creating a self-interference notch at 110Hz. If the flanking sub is somewhere closer to the back wall - say one foot away - and it is presented the exact same signal, then it will reduce the size of that notch considerably.

But let's say the two mains are phased in such a way that the summed signal is greatly reduced at 110Hz - like if they have some kind of flanger effect on a guitar or something that swaps phase - then the benefit of the summed flanking sub will be lost.

That's probably a rare scenario but it's what I was talking about when I said the summed signal must match the mains at the problem frequency.