Subject: Re: Cornerhorns - what corners are "good enough"?
Posted by Wayne Parham on Thu, 24 Mar 2022 14:47:23 GMT
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I've found that windows are OK as long as they're closed, don't rattle and the opposing wall isn't treated, making it vastly different.

I would have thought it would make more difference, but it doesn't seem so. I think the reason is the drywall - by itself - works more like a panel absorber than as an HF absorber. The window would seem to be more reflective at HF, but down low, it vibrates much like the drywall does. So they are not as different at midrange and low frequencies, and at high frequencies, the waveguide prevents them from getting much energy, at least not at an angle that would reflect towards the listeners.

I've even been in rooms with a lot of glass on one side - like a sliding glass door - and found it to be unnoticeable.

I would expect there comes a place where this no longer applies. Like one side totally glass and the other totally drywall. But I haven't run into that.

I would also expect that having the wall behind the speakers or behind the listeners completely glass might be a problem. I know brick can be - it's too reflective, so if the wall behind the listeners is brick, you get a slap echo from behind, which is unnatural. But these are different walls, and those kinds of effects are somewhat to be expected.