Subject: Re: GPAF 2006
Posted by Bill Agee on Wed, 10 May 2006 17:49:59 GMT
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Hi Jim, it was good to see you again.Don't get me wrong, I liked them very much as they presented themselves.  Yes, I suspect the program material had some to do with the impression of a lack of bass, but by the same token the upper bass to upper treble was very pleasing and detailed with the cuts used.  I guess if it were me, I would have EQ'd the low end a little differently, but that's personal taste.I understand the trade-offs in the design (I think). I'm guessing that the C-T-C spacing is somewhere around 5.5" for the woofers, which limits the choice of crossover frequency to around 2.5K max, and that the tuning was around 65Hz before EQ was applied.  It doesn't look like the WR125S has any response problem for at least 1.5  or 2 octaves above that, so a smaller diameter woofer works great in this regard, plus the bonus of improved off-axis response for the smaller driver.  All at the expense of a higher F3.I don't know how low the G3's will cross, but I suspect much lower than 2.5K, which goes a long way towards diminishing the combing effect and producing good off axis response.  I also suspect that G3's can cross lower in an array than in single driver use which also helps.Well anyway, enough of that.  I just wish I had had more time with them.Bill