Subject: 103db/watt midrange and tweeter ribbons..bass line array
Posted by Scooter on Fri, 23 May 2008 06:04:00 GMT
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A 0.4" wide x 90" long 5.8u Al tweeter ribbon with 1T could reach 103 db/wattA 3" wide x 90" long 8u Al midrange riggon with 0.6T could reach 103 db/wattCustom DIY bridge topology amps would be necessary to direct drive the 0.1-0.2 ohm midrange ribbon. 32 watts Class-A would seem adequate, and a high current delivery challengeFive 15" woofers in parallel could match the 103 db/watt of the ribbons. A high 0.94 Qts like the Lambda Dipole woofers would save some baffle boost power. Should reach below 30Hz in most rooms.Since this is Ultimate...an array of sealed bipole woofer stacked pairs would pressurize the room for 16Hz-30Hz.