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Subject: JTR Growler

Posted by [Wayne Parham](#) on Sun, 21 Oct 2007 18:43:17 GMT

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JTR Growler basshorn sub

33.2v for 200 watts, 46.9v for 400 watts and 66.3v for 800 watts.

Growler impedance

Next, we measured output at 28.3v. Since we measured 10 meters away, the values correspond to 2.83v/1M.

The blue line is SPL, and the violet line shows distortion. Since measurement was taken at 10 meters, add 20dB to find SPL at 1 meter. With 100 watts input, the 10 meter measurement works out the same as 1 watt input measured at a distance of 1 meter.

Growler response at 10 meters with 28.3v input (2.83v/1M)

From this, we perform an inverse FFT to obtain impulse and step response:

Growler 48 Impulse Response

Growler Step Response

Measurement at 100 watts:

Growler response at 10 meters with 23.5v (100w) input (1W/1M)

Measurement at 200 watts:

Growler response at 10 meters with 33.2v (200w) input

Measurement at 400 watts:

Growler response at 10 meters with 46.9v (400w) input

Measurement at 800 watts:

Growler response at 10 meters with 66.3v (800w) input

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