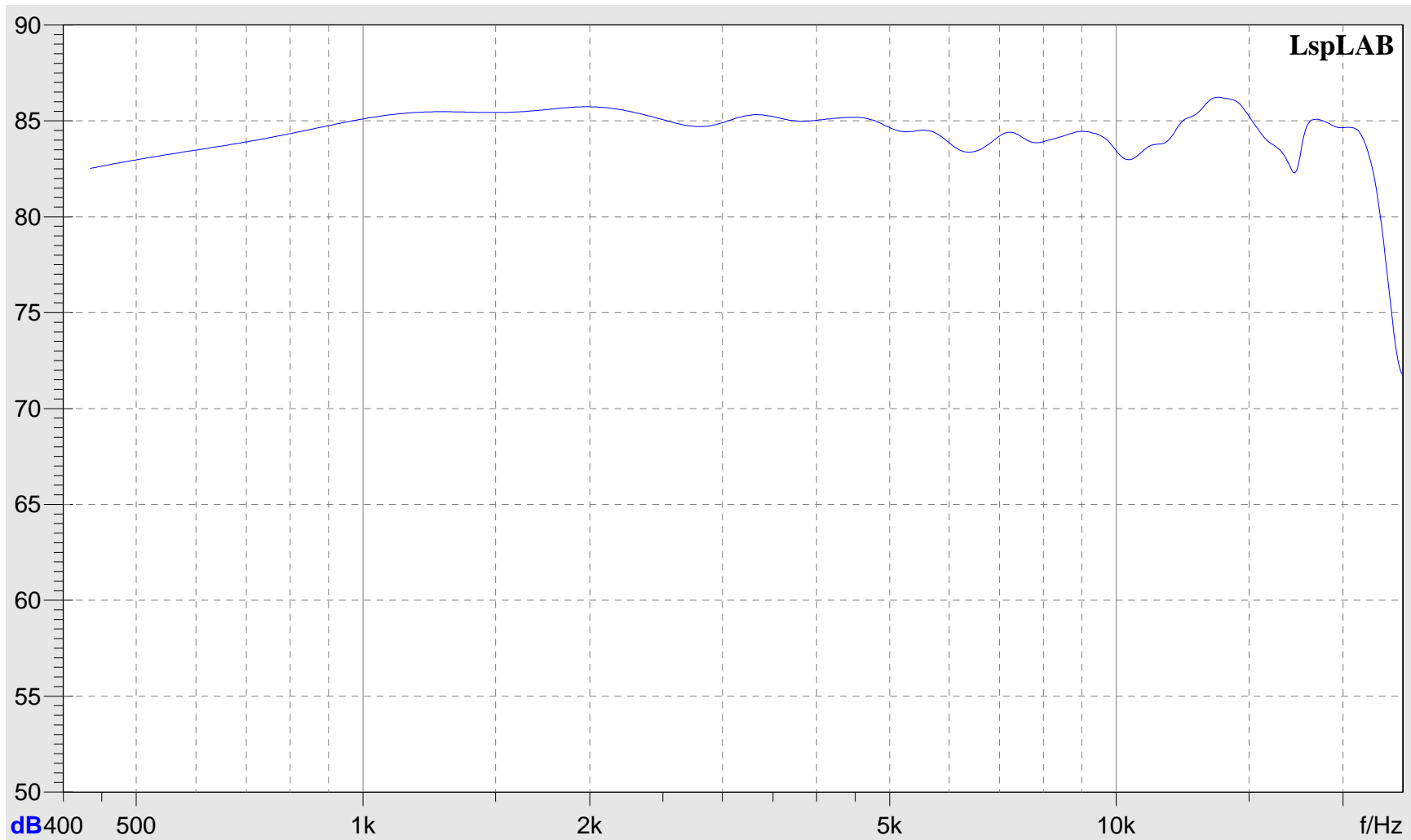


On Axis

Frequency response

Measurement type: FFT on MLS PIR
Done: 9/14/2003 9:39:57 PM
Start/Stop frequency:434.22-23950Hz
Frequencies/Octave: 128

Soundcard: SB Live! Audio [A400] / SB Live! Audio [A400]
Soundcard settings: 16-bit 48000Hz Stereo
FFT Time-Window:2.303ms "Hanning (Cos)"
Mic. compensation:

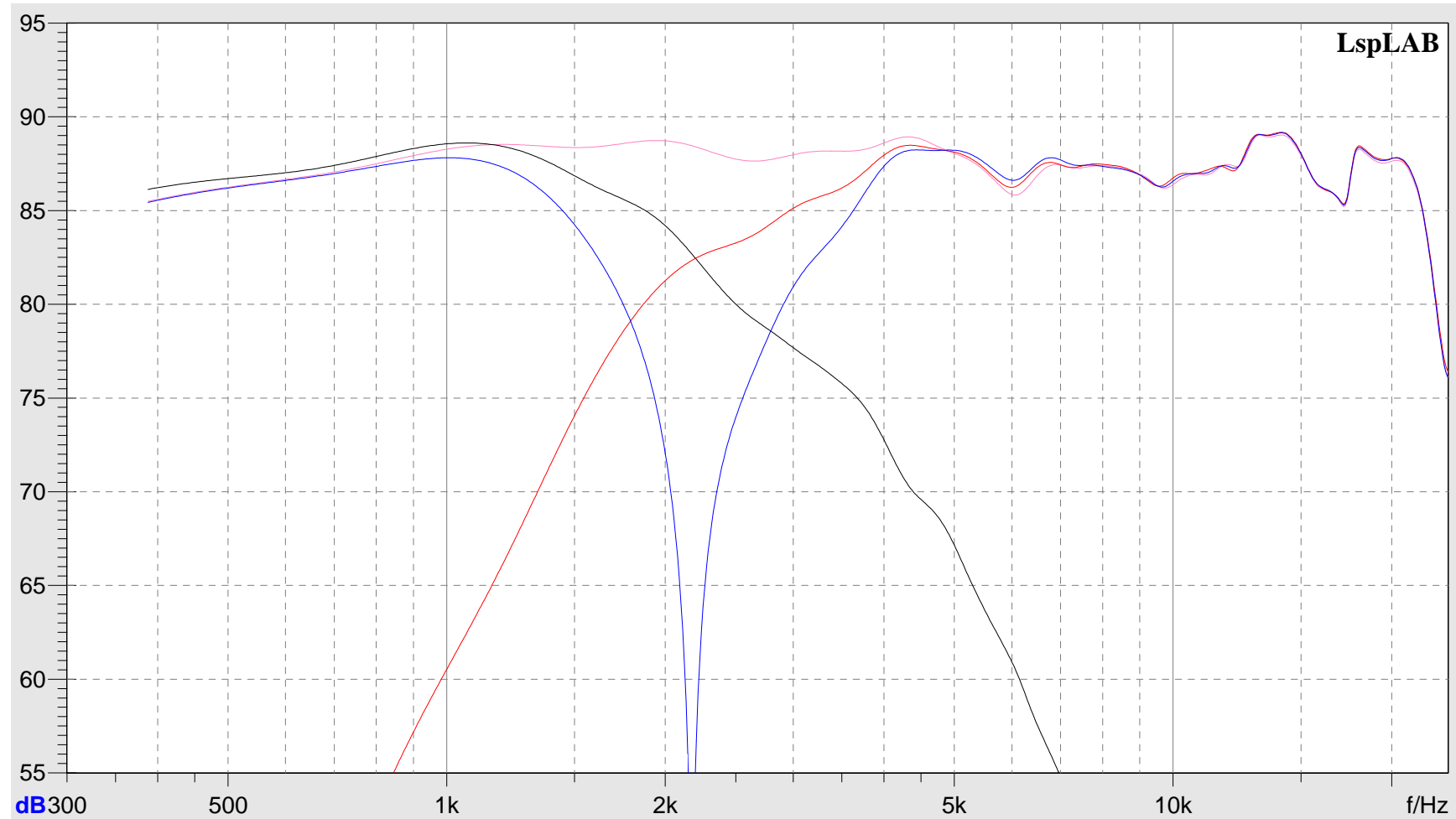


Finished Prototype

Multigraph

Measurement type: Frequency Response

- 1: "reverse"
- 2: "tweeter"
- - - 3: "woofer"
- · - 4: "both"

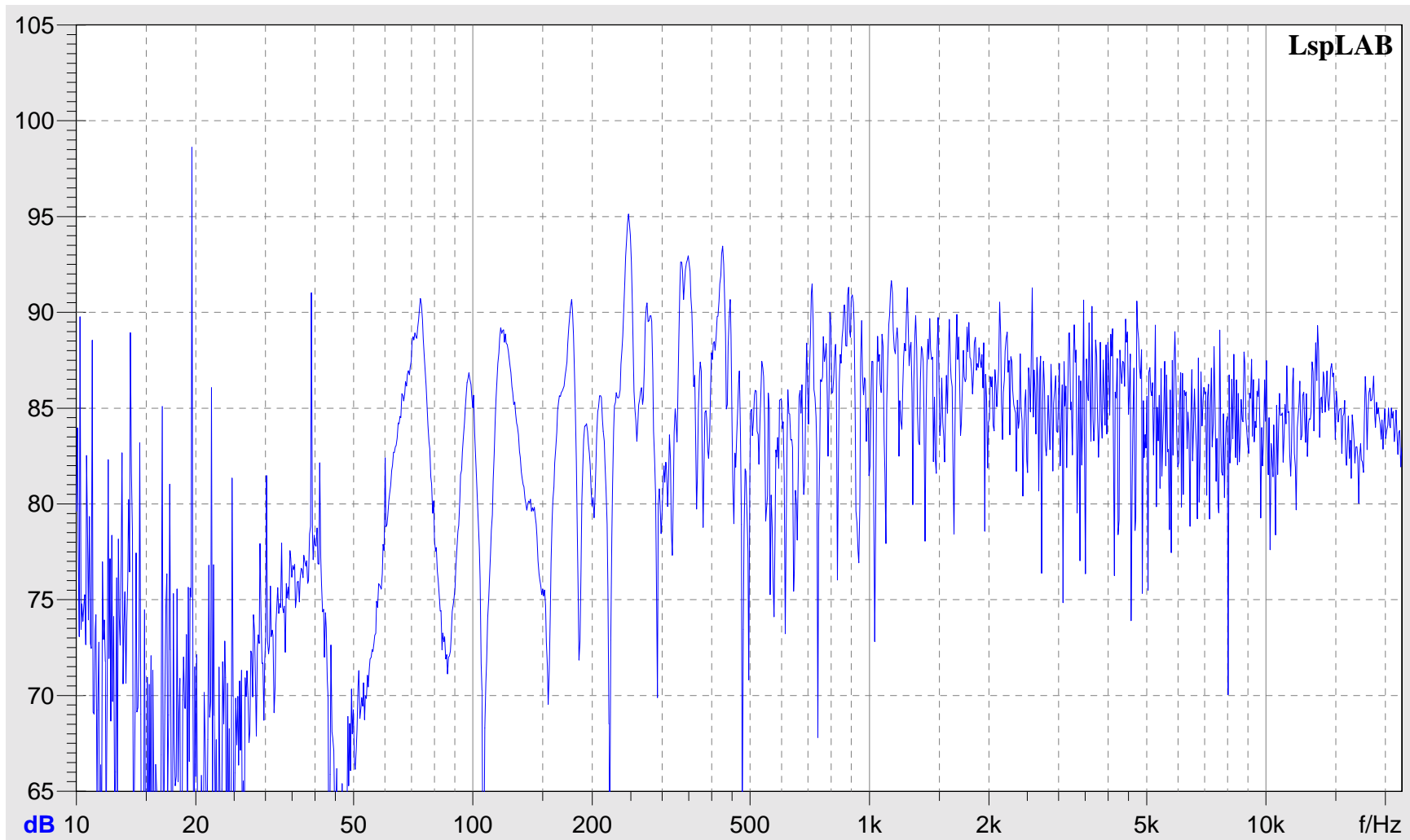


Sweep

Impedance

Measurement type: Frequency response (Sweep)
Done: 9/14/2003 9:50:09 PM
Start/Stop frequency: 10-22000Hz
Frequencies/Octave: 128

Soundcard: SB Live! Audio [A400] / SB Live! Audio [A400]
Soundcard settings: 16-bit 48000Hz Stereo
Sweep Time/Octave: 5s
Mic. compensation:

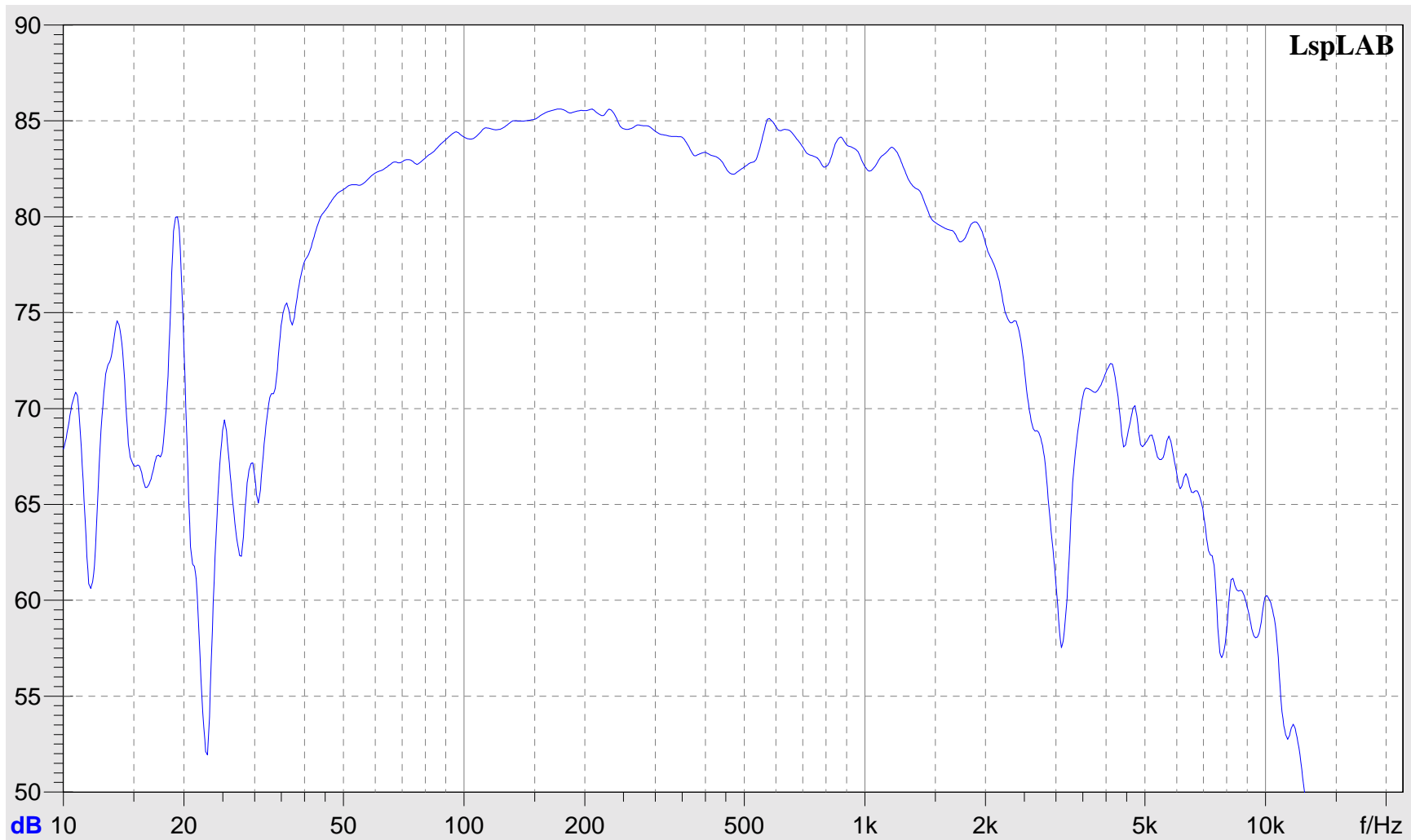


Combined port and woofer

Frequency response

Measurement type: Frequency response (Gated TW)
Done: 9/14/2003 10:08:54 PM
Start/Stop frequency: 10-21973.71Hz
Frequencies/Octave: 128

Soundcard: SB Live! Audio [A400] / SB Live! Audio [A400]
Soundcard settings: 16-bit 48000Hz Stereo
Measurement method: unknown
Mic. compensation:



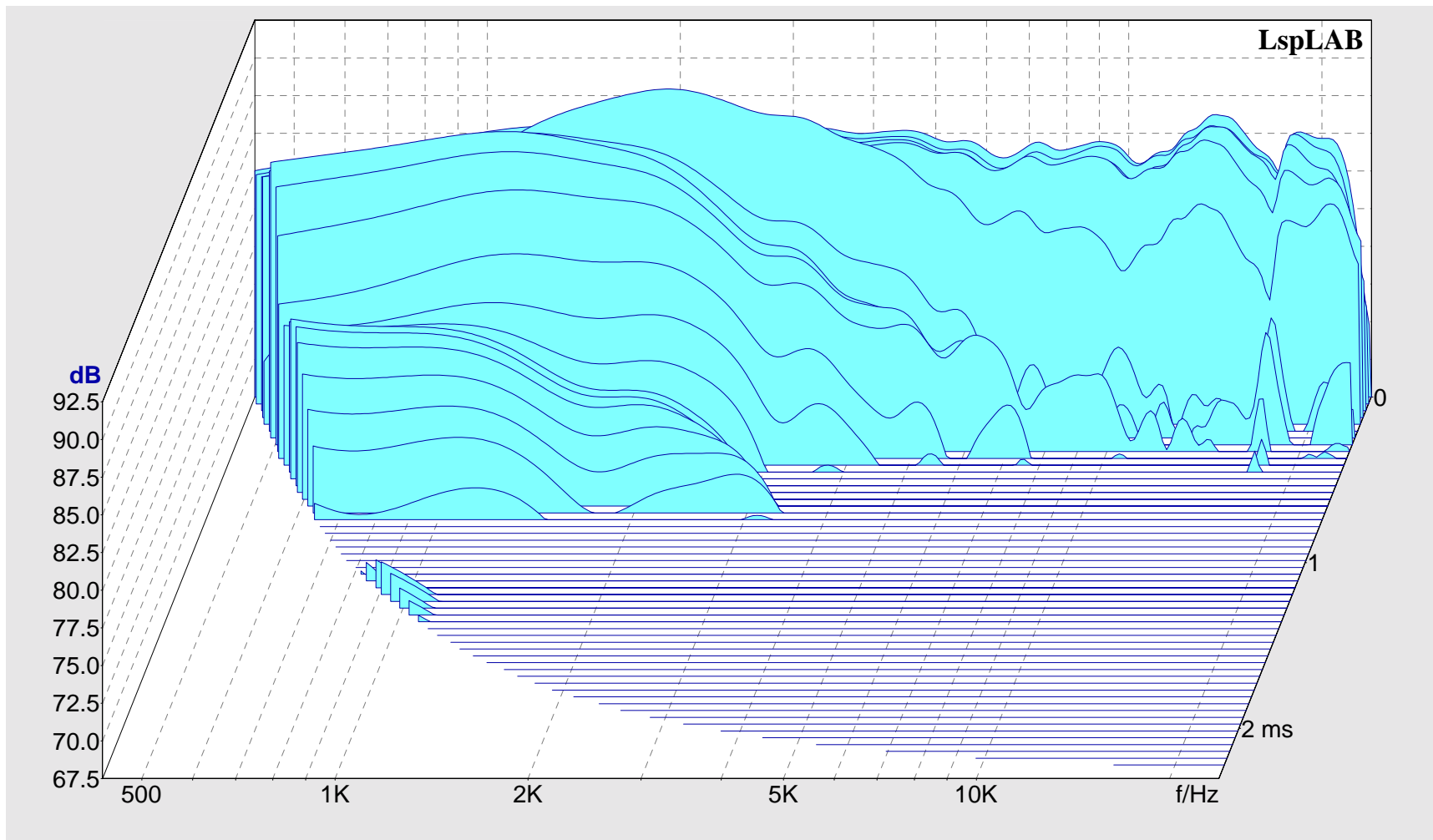
LspLAB

On Axis

Waterfall

Measurement type: CSD
Done: 9/14/2003 9:39:57 PM
Start/Stop frequency: 434.22-23950Hz
Frequencies/Octave: 48

Soundcard: SB Live! Audio [A400] / SB Live! Audio [A400]
Soundcard settings: 16-bit 48000Hz Stereo
MLS Length: 65535
FFT Time-Window: 2.303ms "Hanning (Cos)"
Mic. Compensation:

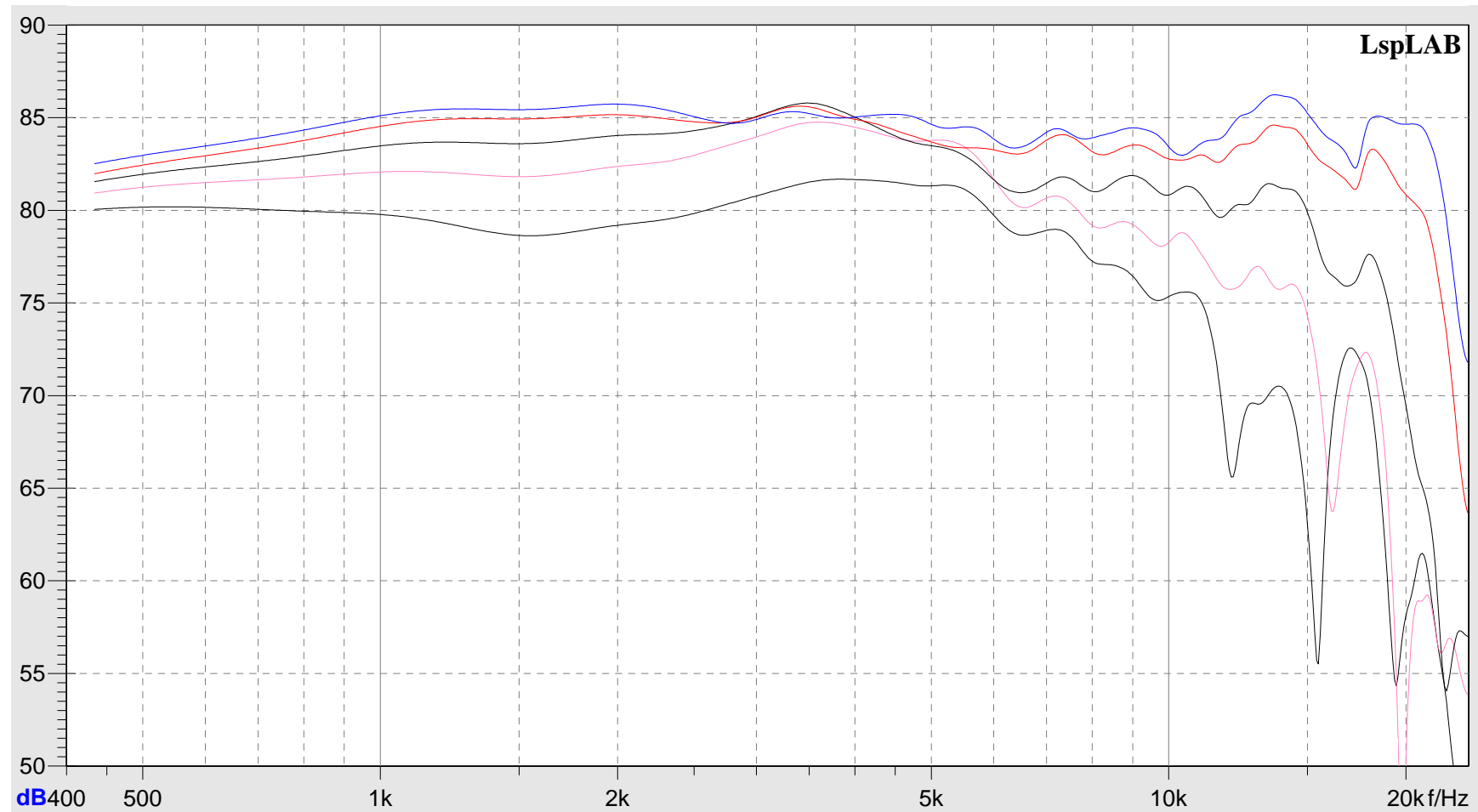


Horizontal Polar Response

Multigraph

Measurement type: Frequency Response

- 1: "On Axis"
- ==== 2: "15 Deg."
- 3: "30 Deg."
- - - - 4: "45 Deg."
- ===== 5: "60 Deg."

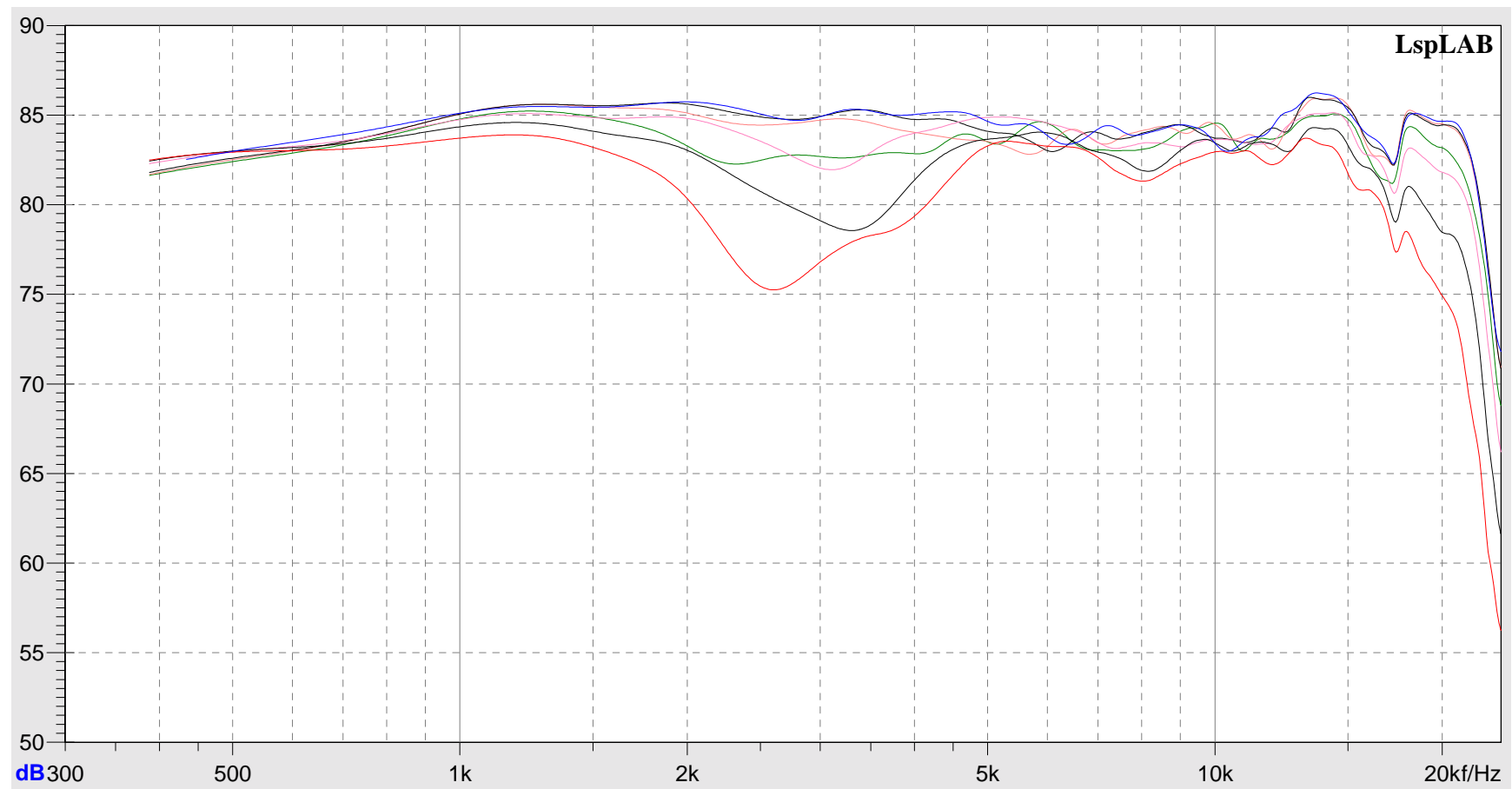


Vertical Polar Response

Multigraph

Measurement type: Frequency Response

- ===== 1: "On Axis"
- ===== 2: "-15 Deg. Vert"
- 3: "-10 Deg. Vert"
- ==== 4: "-05 Deg. Vert"
- 5: "05 Deg. Vert"
- ===== 6: "10 Deg. Vert"
- ===== 7: "15 Deg. Vert"



Raw Driver Responses

Multigraph

Measurement type: Frequency Response

- 1: "tweeter only"
- 2: "woofer only"

