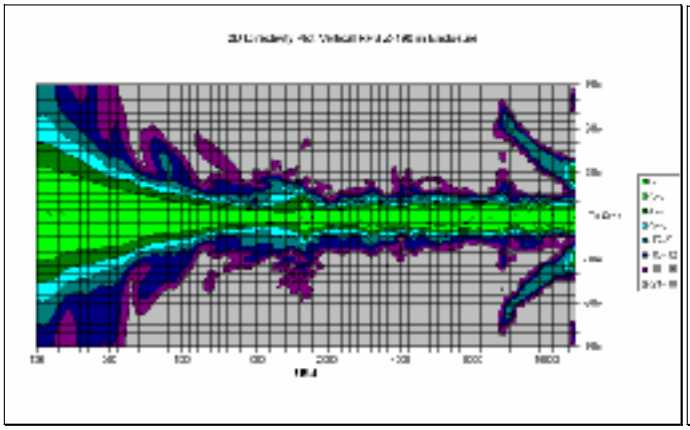
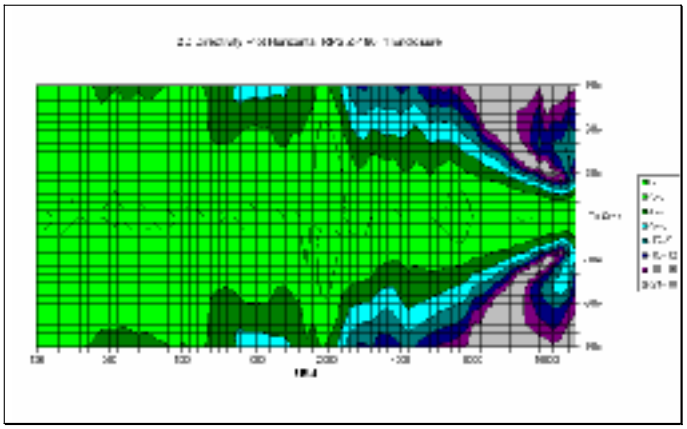
*RADIA*Pro-Line *Planar Magnetic Loudspeaker*

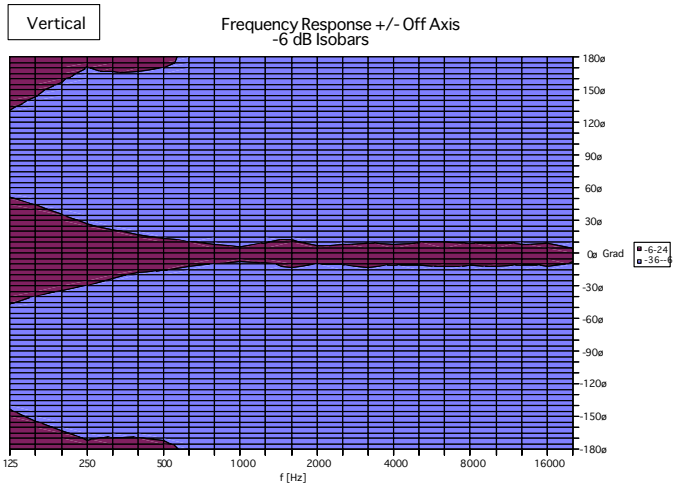
RADIA Pro-Line Technical Data

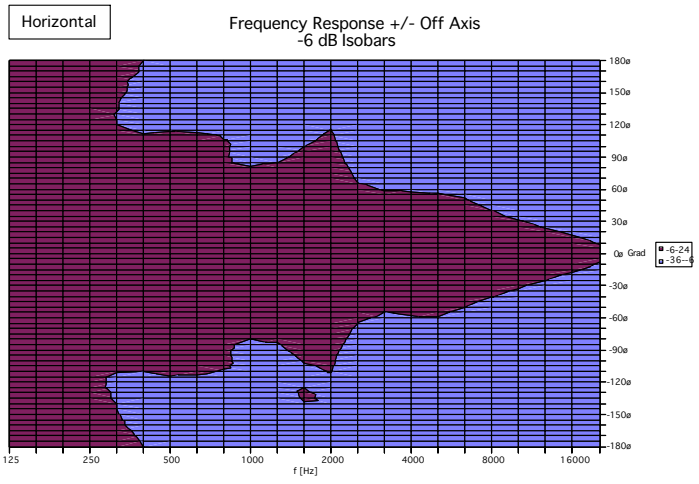


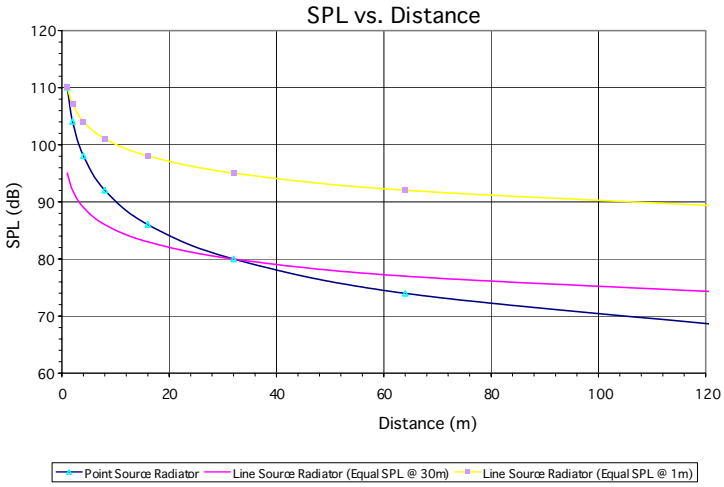
Vertical isobars Pro-1.9 in Enclosure (Measurement distance 5m)



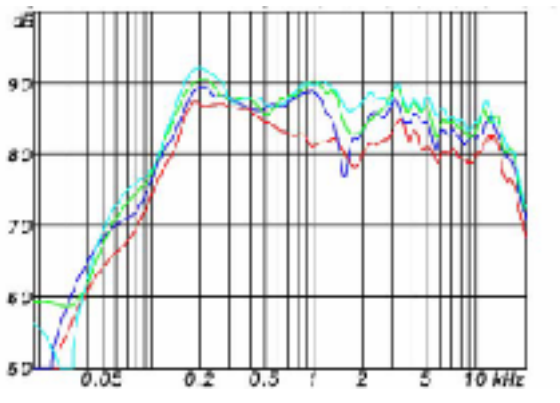
Horizontal isobars Pro-1.9 in Enclosure (Measurement distance 5m)





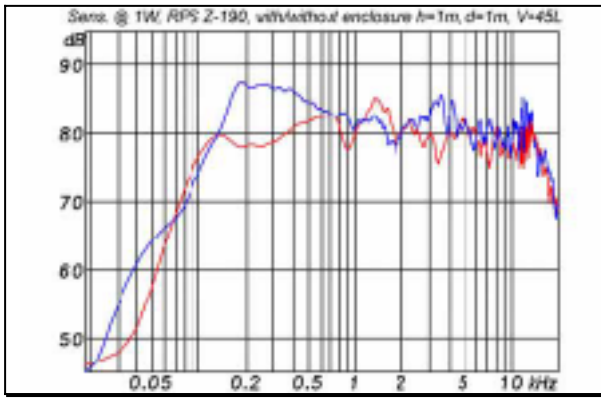


Point source vs. line source SPL reductionrate

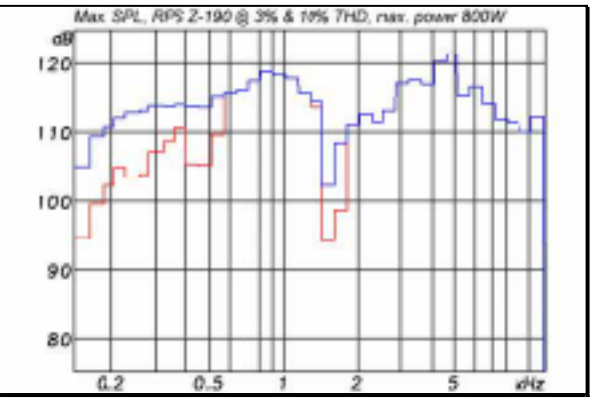


Pro 1.9 SPL measurements at different distances
@1W: 4m-blue green, 3m-green, 2m-dark blue, 1m- red

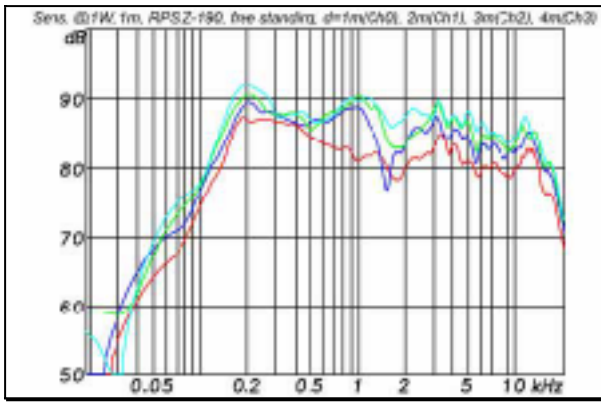
RADIA Pro-Line Technical Data



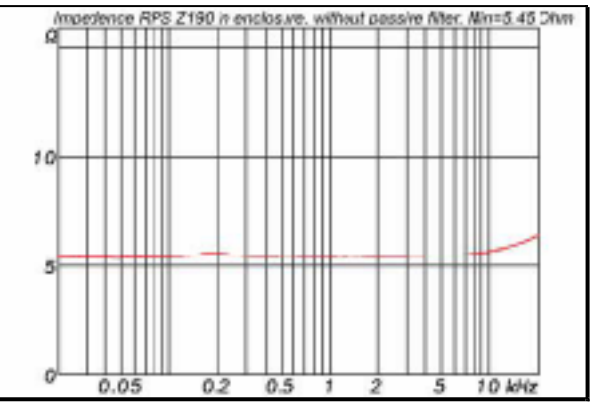
Frequency response Pro-1.9 with/without enclosure, free standing on hard surface in 1/2 freefield.



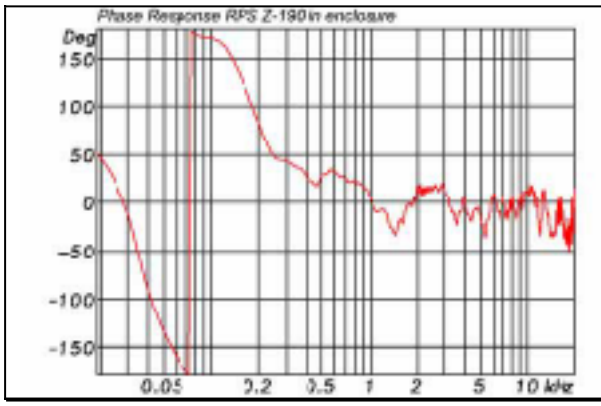
Max. SPL Pro-1.9 in enclosure free standing



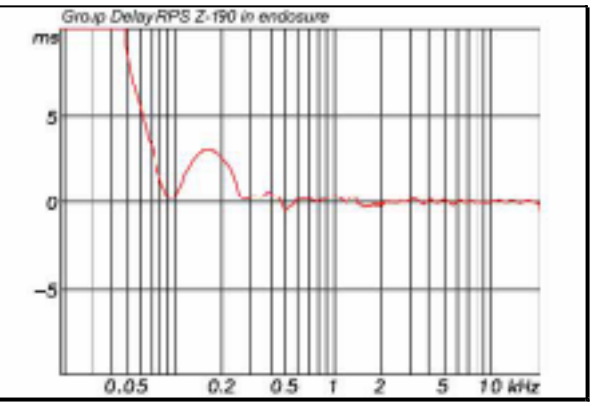
Frequency response Pro-1.9 in enclosure, free standing on hard surface in 1/2 freefield.
Microphone distance d=1m(red),d=2m(blue), d=3m(green) and d=4m(cyan)
Microphone height at 1m (h=1m) from floor.
Sensitivity for all curves is at 1W/1m.



Impedance of the Pro-1.9 in enclosure, free standing on hard surface in 1/2 freefield with passive filter,Resonant frequency: fc=190Hz
Qtc=



Phase response Pro-1.9 in enclosure, free standing on hard surface in 1/2 freefield.



Group delay Pro-1.9 in enclosure, free standing on hard surface in 1/2 freefield.

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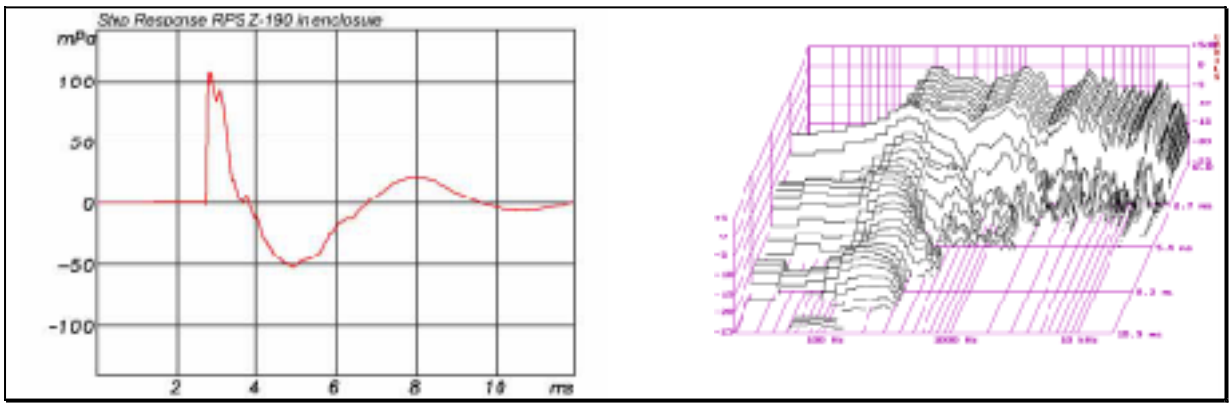
RADIA Pro-Line Technical Data

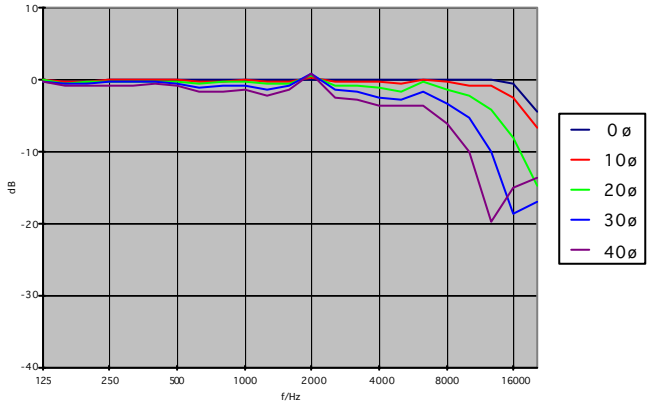


Step response Pro-1.9 in enclosure,free standing on hard surface in 1/2freefield.

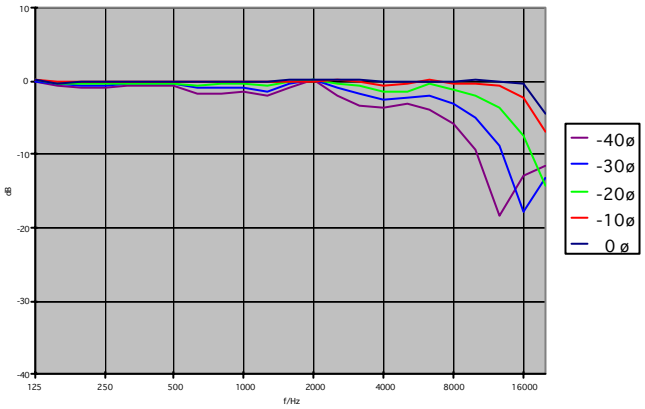
Decay spectrum Pro-1.9 in enclosure, free standing on hard surface in 1/2freefield.

Horizontal

Frequency Response Off Axis +

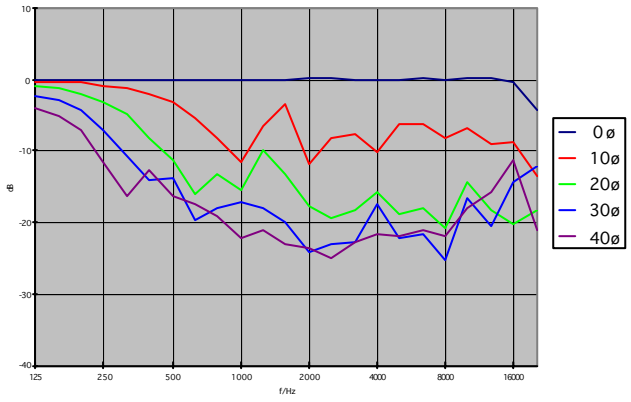


Frequency Response Off Axis -

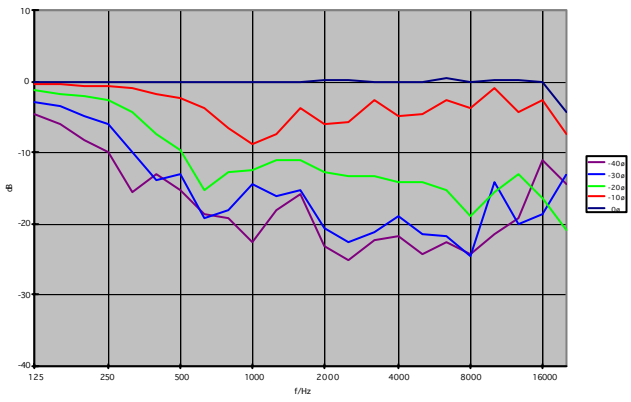


Vertical

Frequency Response Off Axis +



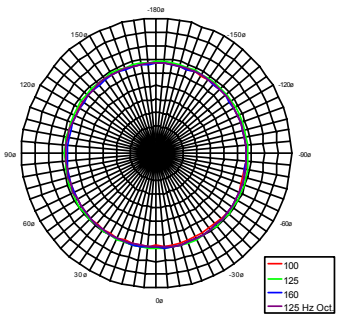
Frequency Response Off Axis -



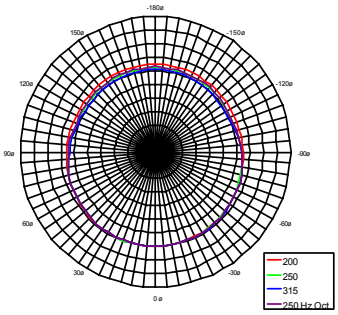
RADIA Pro-Line Technical Data

Horizontal Polars

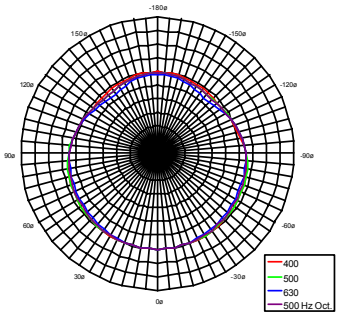
Polar Plots at 125 Hz Octave: 6dB/division



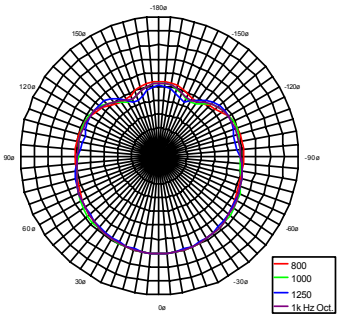
Polar Plots at 250 Hz Octave: 6dB/division



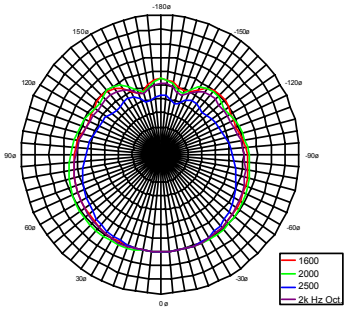
Polar Plots at 500 Hz Octave: 6dB/division



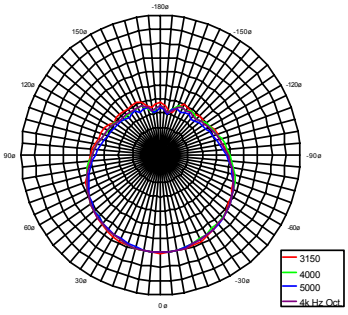
Polar Plots at 1k Hz Octave: 6dB/division



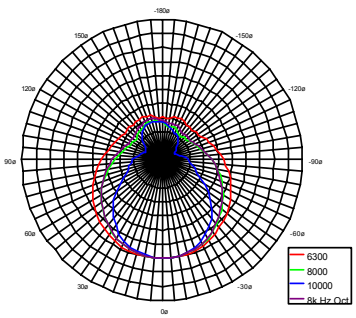
Polar Plots at 2k Hz Octave: 6dB/division



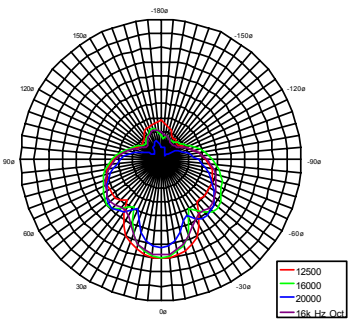
Polar Plots at 4k Hz Octave: 6dB/division



Polar Plots at 8k Hz Octave: 6dB/division



Polar Plots at 16k Hz Octave: 6dB/division



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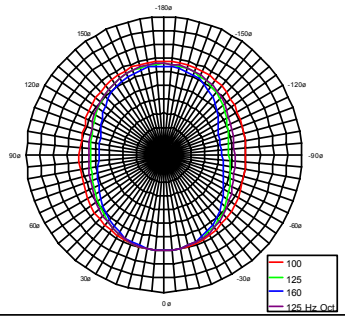
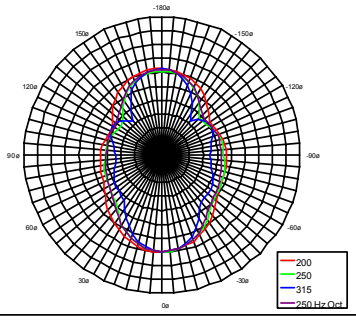
RADIA Pro-Line Technical Data

Vertical Polars

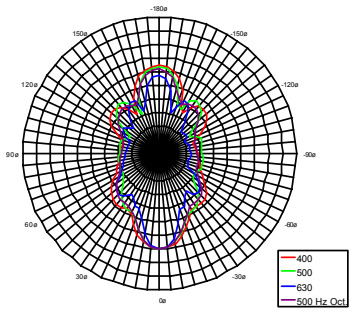
Polar Plots at 125 Hz Octave: 6dB/division



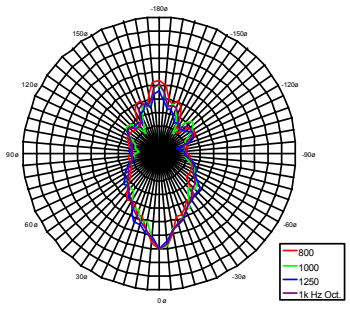
Polar Plots at 250 Hz Octave: 6dB/division



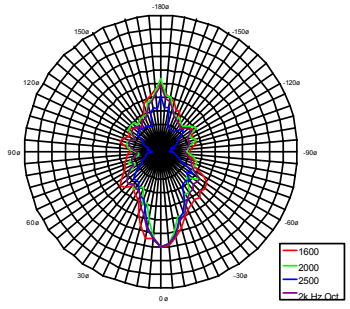
Polar Plots at 500 Hz Octave: 6dB/division



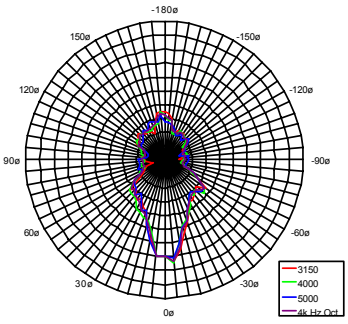
Polar Plots at 1k Hz Octave: 6dB/division



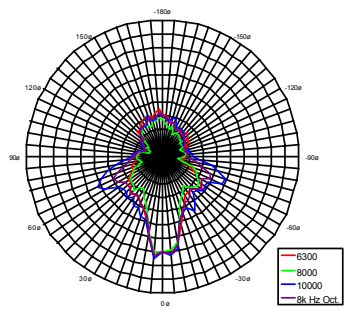
Polar Plots at 2k Hz Octave: 6dB/division



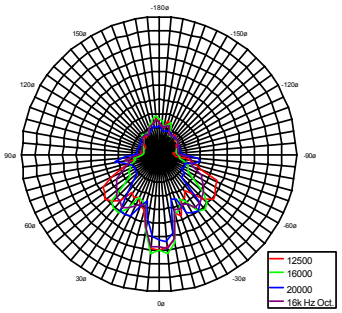
Polar Plots at 4k Hz Octave: 6dB/division



Polar Plots at 8k Hz Octave: 6dB/division



Polar Plots at 16k Hz Octave: 6dB/division



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