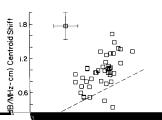
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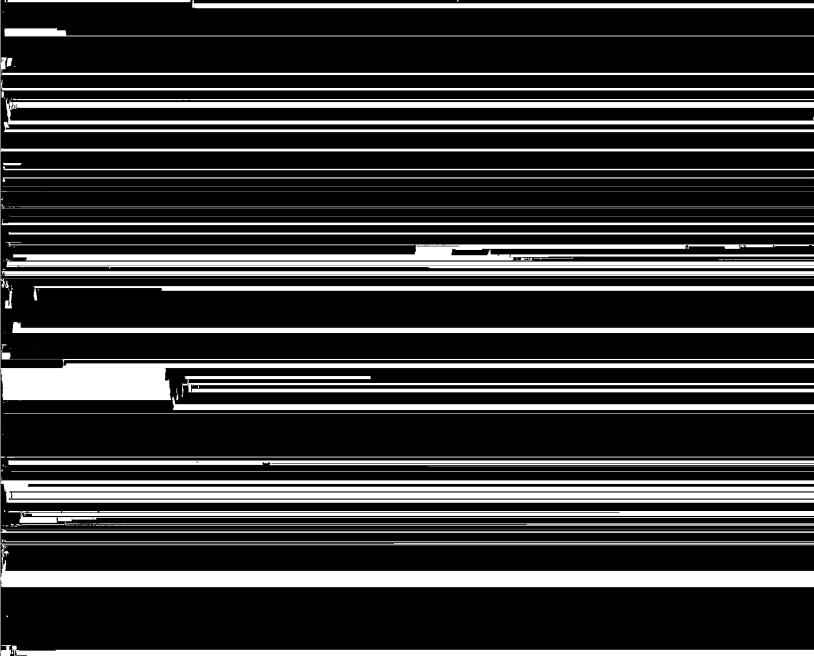
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bandwidth of the spectrum decreases with depth instead of remaining constant [20]. Normal mammalian liver tissue attenuation is well described by power law functions in the low MHz band, with n of 1.1-1.3 (2, 4, 7, 16, 19). Abnormal livers and other tissues have a wider range of n (2, 4, 7, 11); thus, linearity assumptions may to be of limited applicability to tissues. For cases where n >



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PARKER et al.: COMPARISON OF TECHNIQUES FOR IN VIVO MEASUREMENTS	;	

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## IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, VOL. 35, NO. 12, DECEMBER 1988

	Robert M. Lerner received degrees in electrical		Robert C. Waag (S'59-M'66-SM'83) received
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