

surface impedance with respect to magnetic field is plotted vs magnetic field in Fig. 3, which is a typical X-Y recording trace. The magnetic field for this run was oriented in the trigonal plane. We observe changes in the electron cyclotron mass of -4 to -8% /kilobar which can be compared with the results of Schirber.¹⁴ Schirber used deHaas-van Alphen studies in a high pressure environment to find a change of $\sim -6\%$ /kilobar for the smallest electron cyclotron mass in bismuth. Both results compare favorably within experimental error. More complete results are now being gathered for future publication.

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