Figure 1: Hall Coefficient field dependence for three multicarrier semiconductor samples

Figure 2: Resistivity field dependence for three multicarrier semiconductor samples
Figure 3: Field dependence of elements of conductivity tensor for a single carrier semiconductor device

Figure 4: Resultant mobility spectrum from application of QMSA to the field dependent data
Figure 5: Conductivity tensor field dependence for a multicarrier HEMT device

![Figure 5](image)

Figure 6: Resultant mobility spectrum from application of QMSA to the field dependent data

![Figure 6](image)
Figure 7: Temperature dependent carrier concentrations for multicarrier HEMT structure

Figure 8: SdH measurements at various temperatures for a HEMT device