

EFFECT OF WEAK MAGNETIC FIELD
ON THE PARAMETERS OF TERAHERTZ
RADIATION EMITTED BY HOT
CARRIERS IN *p*-Ge

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S u m m a r y

Experimental results are reported on the influence of a weak magnetic field on the intensity and the polarization of a terahertz radiation ($\sim 100 \mu\text{m}$) emitted by hot carriers in *p*-Ge specimens with the (111) or (100) crystallographic direction at a temperature of 5 K and heating electric fields of 300–600 V/cm.