

# **ABSORPTION OF LOWER HYBRID AND UPPER HYBRID PUMP WAVES IN MAGNETIZED PLASMA**

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The kinetic theory of fluctuations in the spatially homogeneous and inhomogeneous magnetized plasma in the presence of a HF pump wave field with frequencies near the lower hybrid and upper hybrid frequencies is developed. The effective absorption length is calculated. It is shown that for the thermonuclear plasma the effective absorption length is of the same scale as plasma dimension that ensures effective dissipation of the HF pump power.