

## PLASMADYNAMIC CONFIGURATIONS IN THE PLASMA STREAM, GENERATED BY MAGNETO-PLASMA COMPRESSOR

Investigation of characteristics of plasma streams, generated by different types of plasma accelerators and magneto-plasma compressors, is one of actual and important researches from point of view basic plasma dynamics and plasma applications in different technologists. It was demonstrated earlier, that near the MPC outlet there forms a stable compression zone, both theoretic and experimental results of plasma stream in the MPC channel were performed. The density and temperature on the inlet of accelerative channel in the self-compressed plasma stream greatly depend on the initial conditions.

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