Ea-P016 Room: Lounge Time: June 25 17:30-19:00

The acceleration of downflowing field-aligned electron beams in the auroral diffuse region

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The upflowing and downflowing field-aligned electron beams are observed in the diffuse region of the auroral oval. We conclude that the downflowing field-aligned electron beams are ionospheric origin and are accelerated at the above the upflowing acceleration region.