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Debraj Chakrabarti (chakr2d@cmich.edu), 214 Pearce Hall, Mt Pleasant, MI 48859, and
Anirban Dawn* (dawn1a@cmich.edu), 201A Pearce Hall, Mt Pleasant, MI 48859. *Laurent Series
in Spaces of Holomorphic Functions and Cohomologies.*

We consider the Fourier expansion in locally convex spaces admitting a continuous linear action of the torus group. Special cases of this include classical Laurent series, Fourier series and series expansions of Dolbeault cohomologies of Reinhardt domains. We prove a Fejér type summability theorem for such series. We also prove the unconditional convergence of Laurent series of holomorphic functions smooth up to the boundary of Reinhardt domains, and of Dolbeault cohomology elements. (Received September 15, 2020)