**Response to Referees‘ Comments on RSI: RSI25-AR-01434R**

Title: Optimization and Active Stabilization of a Far-Infrared Laser for NSTX-U High Poloidal WavenumberScattering Diagnostics

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We very much appreciate the referees’ comments and suggestions which obviously improve the quality of our manuscript. The manuscript has been revised accordingly. Below, we have provided details on our response to the referees. *The text in red is our reply*, and *the text in blue is what is added/modified in the revision.*

**Reviewer: 1**

Comments to the Author