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Roberto Barrera (rbarrera@math.tamu.edu), Department of Mathematics, Mailstop 3368, Texas A&M University, College Station, TX 77843, **Jeffrey Madsen** (madsen4@purdue.edu), Department of Mathematics, Purdue University, 150 N. University Street, West Lafayette, IN 47907, and **Ashley K. Wheeler*** (ashleykw@uark.edu), Department of Mathematical Sciences, SCEN 309, University of Arkansas, Fayetteville, AR 72701. *Finiteness of Associated Primes of Local Cohomology Modules over Stanley-Reisner Rings.*

Local cohomology modules, even over a Noetherian ring R , are typically unwieldy. As such, it is of interest whether or not they have finitely many associated primes. We prove the affirmative in the case where R is a Stanley-Reisner ring, over a field, whose associated simplicial complex is a T -space. (Received September 20, 2016)