In type A Lie theory, a Demazure character is determined by a partition (dominant weight) and a permutation (Weyl group element). There are several methods to compute Demazure characters. Of particular interest here are a semistandard tableaux description attributed to Lascoux and Schützenberger, and a formula derived from the alcove path model of Lenart and Postnikov. The former is based off a “right key” tableau computation, while the latter computes saturated chains in the Bruhat order. We show that the outputs of these methods are equivalent via an intermediate equality with the “scanning tableau” introduced by this author. (Received September 16, 2015)