Inference at $*$
 of proof for Lemma band_tt_simp:

$\vdash \forall u{:}\mathbb{B}.\ (u \wedge_b \mathrm{tt}) = u$
  by ((((UnivCD)
  CollapseTHENM (BoolEval))·)
  CollapseTHEN ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

    .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_91857_{band_tt_simp}.html