

Inference at * 1
of proof for Lemma assert_of_band:

```

1. p :  $\mathbb{B}$ 
2. q :  $\mathbb{B}$ 
 $\vdash (\uparrow(p \wedge_b q)) \iff ((\uparrow p) \& (\uparrow q))$ 
  by (((OnHyps [2;1] BoolInd)
    CollapseTHEN (Rewrite
      (UnfoldC 'band'

        ORTHENC HigherC ifthenelse_evalC
        ORTHENC HigherC assert_evalC
        0)).)

    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t
    ) inil_term))).
.

```