

 $Z_{\rm p}(ht)$  extends to  $Z_{\rm p}(ht+n)$  and to  $Z_{\rm p}(ht-m)$ , where n and m are adjacent height (ht) points above and below the peak  $Z_{\rm p}$  (minimum Z limited close to  $S_1$ ). Finally remove all those Z (ht) values with < 5 % frequency count of total, which are probably the isolated echo floors that show below  $\sim 10$  s duration and are considered as non-cloud echoes.