

# Engineering Statement

**This states the following:**

- 1) In the application as an exhibit we included an LPONE that showed the D/U of the proposed facility to K23ES now KEZT-CA, is 28 db as required by the rules. The LPONE summary used by the FCC staff indicates “interference” merely because of rounding.
  
- 2) Using  $F(50,90) = F(50,50) - [F(50,10) - F(50,50)]$  the grade B contour of KOLO-DT went was found to reach 57.079 km and the field strength at this distance to be 1586.41 micro V/m. The distance from KMMW-LP to KOLO-DT was found to be 194 km hence KMMW-LP is 136.92 km away from KOLO-DT grade B contour boundary. Also KMMW-LP has field strength of 32.56 microV/m at this distance, which exceeds the +2 db required by the rules by a comfortable margin of 16.88 db.
  
- 3) We also included in the application as an exhibit, a Longley rice summary that shows only 0.36 % interference to KRCB-DT which rounds to zero. As a result no cognizable interference is caused to KRCB-DT.

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Kebre Beckford, Engineer

November 8, 2002