



2355 Ranch Drive, Westminster, CO 80234
Phone: 303-465-5742 ~ Fax: 303-465-4067
E-Mail: stcl@comcast.net

B. W. St. Clair

**Engineering Statement In Support Of A
Minor Change Application Specifying A
New Location For WANN-LD, CP
BMPDTL-20080428ABZ**

Purpose of Application

This application requests a change of location to American Tower's tower #1223132, a distance of 5.9km. It is proposed to add this signal to an existing multi-user antenna. The pattern of this antenna is only slightly different from that specified in the CP. The radiation center above sea level is also only slightly different. The change in coverage is insignificant.

Interference Calculation

In calculating the outgoing interference using the Longley-Rice Terrain dependent Algorithm of OET Bul 69 a data point spacing of 0.1km was used. This data point spacing is necessary to get the required accuracy given the rolling hills topography outside the Atlanta area. No station is predicted to receive more than the allowed interference for its class.

It is requested that the FCC run the interference analysis also using the 0.1km terrain data point spacing.

Non-Ionizing Radiation

The non-ionizing radiation at head height at ground level in the vicinity of the antenna is less than 0.1% of the allowable public limit. Accordingly no special precautions are required to protect the public.

Engineer's Statement

This engineering statement is based on information supplied by Richland towers, the site, tower and antenna owner. The information was compared and found consistent to manufacturers specifications for similar equipment. The information herein is true and correct to the best of my knowledge and belief.

Respectfully submitted,

B. W. St. Clair
Engineering Consultant
March 25, 2009