

Exhibit 11 Page 1
Radio Free Communications, Inc.
Second-Adjacent Waiver Request
Florence, SC

The proposed LPFM station will broadcast on channel 223, which is within the 93 kilometers second-adjacent minimum distance separation of station WEGX on channel 225. The WEGX interfering contour at the LPFM tower site is 76.25 dB μ F(50,50). Using the ratio of 100:1 (LPFM to WEGX) on the second-adjacent channel, the population within the proposed LPFM 116.25 dB μ contour is zero. Using the antenna manufacturer's vertical radiation pattern the area of interference can be more accurately calculated geometrically, rather than just by using the free space equation alone. This particular antenna is a one bay full-wave spaced Nicom BKG77 antenna. It was determined from the manufacturer's vertical plan that at 40 degrees below horizontal the interference area would extend 29.6 meters toward the ground. The antenna radiation center 45 meters above ground, thus the interference area will never reach the ground. There are no occupied structures or elevated roadways within the interference area of the translator. Therefore, the application is in compliance with §73.807(e)(1) *Waiver of the second-adjacent channel separations.*