
WILLOUGHBY & VOSS

TECHNICAL STATEMENT
IN SUPPORT OF AN APPLICATION TO MODIFY CP
NEW WAVE COMMUNICATION GROUP, INC.
WILLIS, TEXAS

INTRODUCTION

The firm of Willoughby & Voss, has been retained by New Wave Communication Group, Inc., to prepare the attached modification of construction permit application of FM Station KUST at Willis, Texas. This application is not filed in response to a filing window.

FACILITIES

This application proposes to modify Construction Permit BPH-20011220AAU by increasing the overall height of the tower from 129m to 152m, by increasing the center of radiation height above average terrain from 132 to 153.6 and by reducing the effective radiated power from 3.5 kW to 2.55 kW. No other changes are proposed.

ALLOCATIONS

A spacing study using the criteria detailed in §73.207 was performed at the existing/proposed site. This study shows that the instant proposal meets all requirements necessary for a grant of this application.

ELEVATION AND CONTOUR DATA

The average elevation of the terrain within 3 to 16 km. (2 to 10 miles) of the proposed site was obtained from the 30 Second Terrain Database of NGDC. The distances to the pertinent contours were predicted using a computer program which incorporates the FCC F(50,50) curves (Figure 1), from §73.333 and were calculated in accordance with the method described in §73.313 of the current FCC Rules.

KUST RADIO
NARRATIVE