

NEW FM APPLICATION
FAMILY LIFE EDUCATIONAL FOUNDATION
NEW FM RADIO STATION
CH 215A - 90.9 MHZ - 0.28 KW (DA)
MINDEN, LOUISIANA
October 2007

EXHIBIT B

Channel 6 Television Interference Analysis

The proposed New FM facility is located within the distance specified in §73.525(a)(1) of the rules with regard to KTAL-TV, Channel 06Z, Texarkana, Texas. KTAL-TV is licensed to operate with an effective radiated power of 100.0 kilowatts with a height above average terrain of 482.0 meters. The KTAL-TV site is located at North Latitude 32° 54' 12" and West Longitude 94° 00' 23". The proposed New FM site is inside the 47.0 dBu Grade B contour of KTAL-TV. The KTAL-TV facility delivers a 62.4 dBu contour at the proposed New FM site.

As the proposed New FM site is within the 47.0 dBu contour of KTAL-TV, a series of protected contours for KTAL-TV were calculated. At each of these protected contours, a corresponding interfering contour for the New FM was determined. Each of these points was then connected to determine the depth of interference to KTAL-TV. Exhibit B1 shows the proposed New FM depth of interference to KTAL-TV.

The entire proposed New FM depth of interference area contains 2,933 persons in 113.2 square kilometers. Since this population is below the 3,000 person cap, it is believed this proposal is in compliance with §73.525 of the Commission's rules as it relates to KTAL-TV.

Graham Brock, Inc. - Broadcast Technical Consultants

New FM
Latitude: 32-31-55 N
Longitude: 093-16-12 W
ERP: 0.28 kW
Channel: 215A
Frequency: 90.9 MHz
AMSL Height: 153.9 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model : FCC

KTAL-TV
BLCT-1135
Latitude: 32-54-12 N
Longitude: 094-00-23 W
ERP: 100.00 kW
Channel: 06Z
Frequency: 85.0 MHz
AMSL Height: 552.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.0
Prop Model : FCC

NEW FM DEPTH OF INTERFERENCE

KTAL-TV 62.4 dBu (50/50)

KTAL-TV 47 dBu (50/50)

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Scale 1:850,000

