

AMEND BPED-19960307ME
RADIO TRAINING NETWORK, INC.
NEW FM STATION
CH 218C3 - 91.5 MHZ - 20.5 KW
SEBRING, FLORIDA
October 2004

EXHIBIT B

Channel 6 Television Interference Analysis

The proposed new FM is located within the distance specified in §73.525(a)(1) of the rules as it relates to WKMG-TV, Channel 6, Orlando, Florida. WKMG-TV operates with an effective radiated power of 100.0 kilowatts with a height above average terrain of 445 meters. The WKMG-TV site is located at North Latitude 28° 36' 08" and West Longitude 81° 05' 37". The proposed new FM facility will operate with a circularly polarized antenna with an effective radiated power of 20.5 kilowatts in the horizontal and vertical planes. The proposed new FM site is outside the Grade B contour of WKMG-TV.

The 47 dBu (50/50) Grade B contour of WKMG-TV is shown on Exhibit B1. Based on the proposed new FM channel, the 79.5 dBu (50/10) contour of the new FM would have to cross the 47 dBu protected contour of WKMG-TV for interference to result. As Exhibit B1 shows, there is no overlap of contours between the new FM and WKMG-TV. As such, this proposal is in compliance with §73.525 with respect to WKMG-TV.

Graham Brock, Inc. - Broadcast Technical Consultants

New FM
Latitude: 27-26-31 N
Longitude: 081-40-06 W
ERP: 20.50 kW
Channel: 218C3
AMSL Height: 111.6 m

WKMG-TV
BLCT-19960725KG
Latitude: 28-36-08 N
Longitude: 081-05-37 W
ERP: 100.00 kW
Channel: 06-
AMSL Height: 458.0 m

WKMG-TV 47 dBu (50/50)

NEW FM 79.5 dBu (50/10)

EXHIBIT B2
AMEND BPED-19960307ME
RADIO TRAINING NETWORK, INC.
NEW FM STATION
CH 218C3 - 91.5 MHZ - 20.5 KW (DA)
SEBRING, FLORIDA
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