

**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.

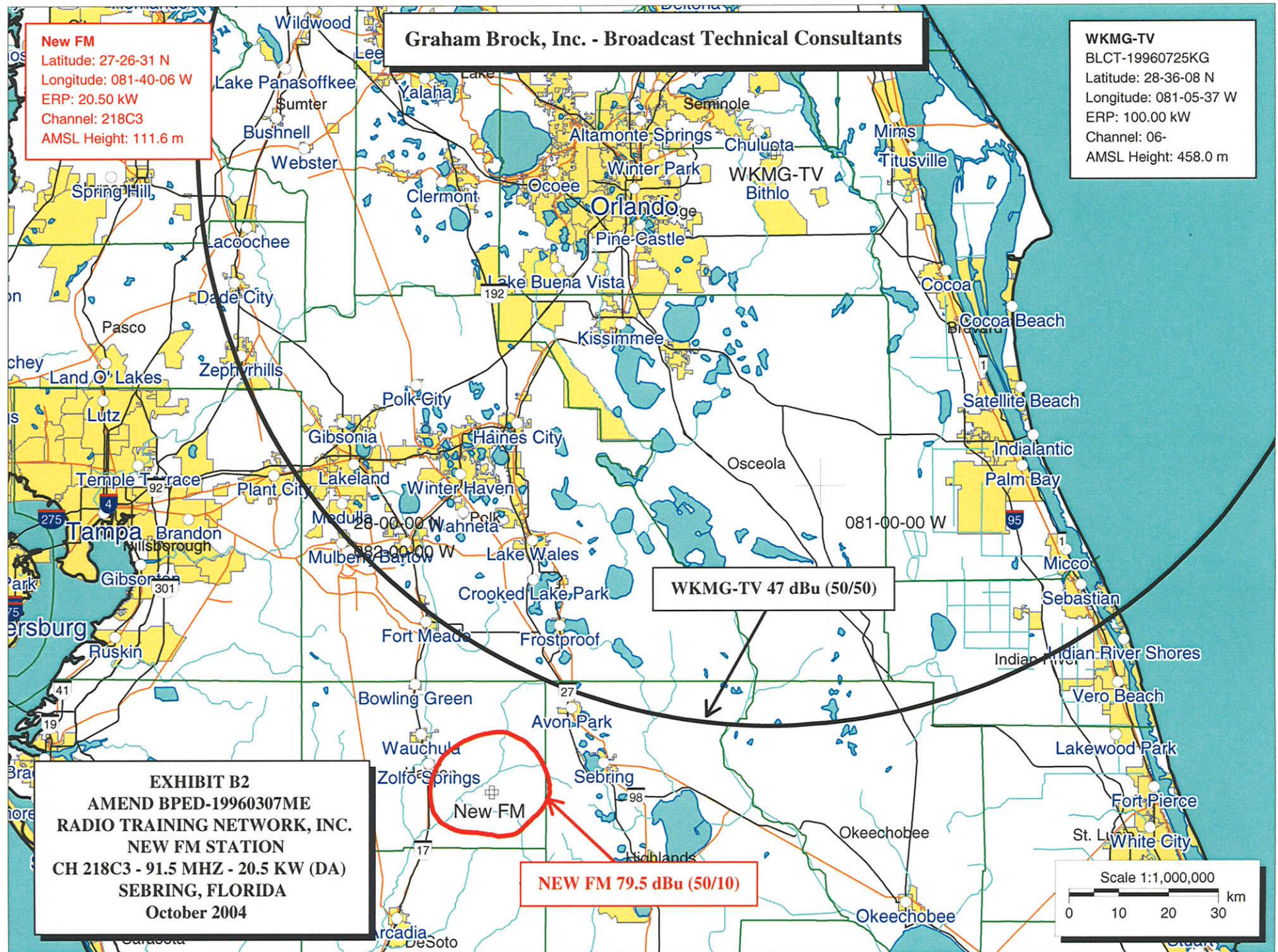
The 47 dBu (50/50) Grade B contour of WKMG-TV is shown on Exhibit B1. Based on the proposed new FM channel, the 79.5 dBu (50/10) contour of the new FM would have to cross the 47 dBu protected contour of WKMG-TV for interference to result. As Exhibit B1 shows, there is no overlap of contours between the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

**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**  
**October 2004**

Scale 1:1,000,000  
0 10 20 30 km