

**MODIFY BPED-19981231MC**  
**MARSHALLTOWN EDUCATION PLUS, INC.**  
**KTDV (FM) RADIO STATION**  
**CH 220C3 - 91.9 MHZ - 22.0 KW (DA)**  
**STATE CENTER, IOWA**  
**March 2008**

**EXHIBIT B**

**Channel 6 Television Interference Analysis**

The proposed KTDV facility is located within the distance specified in §73.525(a)(1) of the rules with regard to KAAL, Channel 6-, Austin, Minnesota. KAAL is licensed to operate with an effective radiated power of 100.0 kilowatts with a height above average terrain of 320.0 meters. The KAAL site is located at North Latitude 43° 37' 42" and West Longitude 93° 09' 12". The proposed KTDV site is located outside of the 47.0 dBu Grade B contour of KAAL.

As the proposed KTDV site is outside the 47.0 dBu contour of KAAL, the KTDV facility would have to deliver an 86.0 dBu (50/10) interfering contour across the protected 47.0 dBu contour of KAAL. As Exhibit B1 shows, the proposed KTDV interfering contour falls short of reaching the KAAL 47.0 dBu contour. Based on the forgoing, it is believed this proposal is in compliance with §73.525 of the Commission's rules as it relates to KAAL.



**Graham Brock, Inc. - Broadcast Technical Consultants**

**KTDV Proposed**  
Latitude: 42-15-49 N  
Longitude: 093-03-57 W  
ERP: 22.00 kW  
Channel: 220C3  
Frequency: 91.9 MHz  
AMSL Height: 402.1 m

**KAAL**  
BLCT-2236  
Latitude: 43-37-42 N  
Longitude: 093-09-12 W  
ERP: 100.00 kW  
Channel: 06-  
Frequency: 84.5 MHz  
AMSL Height: 696.0 m

KAAL 47 dBu (Grade B)

KTDV 86 dBu (50/10)

**EXHIBIT B1**  
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