



Federal Communications Commission
Washington, D.C. 20554

July 17, 2009

1800E1-KRH

Newschannel 5 Network, LLC
474 James Robertson Parkway
Nashville, TN 37219

In Re: BLSTA-20090714ACU
WTVF, Nashville, TN
Fac Id: 36504

Dear Licensee:

This is in response to your request for special temporary authority (STA) to operate a UHF replacement digital television translator for station WTVF at a higher power than is authorized by Commission rules. You state that Station WTVF's digital transition from out-of-core UHF Channel 56 to in-core VHF Channel 5 has resulted in widespread loss of digital service to the public. You maintain that operating the replacement digital television translator at 100 kW is the only reasonable way for the station to provide service to viewers residing within a 15-mile radius of its transmitter site who have lost service since Station WTVF transitioned.

Despite the amount of power requested, the proposed replacement translator will not extend WTVF's pre-transition analog service area in any direction. In addition, WTVF commits to operating the proposed 100 kW facility in compliance with the engineering and technical requirements (*e.g.* spurious emissions) applicable to high power television stations to ensure interference protection to existing services. Further, the station will conduct field tests and measurements at power levels of 15 kW to 100KW to determine the effectiveness of its operations in restoring service to viewers in the loss area at various power levels.

After a review of Station WTVF's technical specifications, we are persuaded that no interference is likely to occur from the proposed experimental operations. If problems do arise, we expect them to be solved expeditiously and the Bureau reserves the right to terminate the operations. The public interest would be served by the grant of this request because this higher-powered replacement translator may be successful in restoring service to viewers who can no longer receive the station's signal. Further, the proposed testing will provide valuable information to the Commission in assessing ways to address service loss caused by the transition from UHF to VHF channels. **Accordingly, at the end of this 6-month period, please submit a report detailing the results of field strength measurements taken before and after the requested power increase to help us determine whether the power increase resolved the reception issues.**

Accordingly, we will grant this STA for WTVF to construct a replacement digital television translator.

With respect to radio frequency radiation (RFR), we expect compliance with Section 1.1307(b) of the Commission's Rules to be achieved.

In addition to the conditions, above, this special temporary authority IS GRANTED subject to the technical parameters and conditions specified below.

Technical Parameters:

Channel: 50

Antenna Coordinates: N. Latitude: 36-16-05
W. Longitude: 86-47-16

Antenna Type: ERI Non-Directional

Maximum Effective Radiated Power: 100 kW

Radiation Center Above Mean Sea Level: 590 meters

Radiation Center above ground: 329 meters

Tower Registration Number: 1041373

Out-of-Channel Emission Mask: Stringent

Special Conditions:

1. The grant of this authority is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local governmental health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20)

days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.

2. The facility authorized herein must comply with the FCC's increased DTV coverage requirements specified in Section 73.625(a)

3. This authority expires 180 days from the commencement of the reception tests referred to herein. **A timely renewal request may be filed before the end of this period.**

4. Hours of operation of this facility will be in accordance with Section 73.624(b) of the Commission's Rules

Sincerely,

Barbara A. Kreisman
Chief, Video Division
Media Bureau

cc: Christopher G. Tygh
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