

Technical Statement in
Support of an FCC Form 302 Application for Station License and
Radiofrequency Radiation Compliance Measurements
WWOT (FM), Channel 261B1, Altoona, PA
Site: 40-34-11, 78-26-25
Forever Broadcasting, LLC
WwotB1302techexhibit.doc, .pdf

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Introduction:

The herein proposed Channel 261B1 facility is also that of the previously licensed class B1 facilities of WWOT (FM) under FCC File number BLH-19920327KC. To facilitate an upgrade of another FM station, WWOT (FM) is currently downgraded to a class A station for a brief period and in this application is upgrading “back” to its previously licensed B1 facilities.

The proposed 261B1 operation is exactly identical to that as previously licensed under FCC File number BLH-19920327KC. This previously licensed site has not been modified or changed in any way or form. The Shively directional antenna remained on the tower undisturbed.

The results of the Shively directional antenna proof have been uploaded with the file name wwotDAShivelyData.pdf. This file contains the same data as previously filed that resulted in class B1 licensed operation under BLH-19920327KC.

The surveyors certificate verifying the exact antenna position has been uploaded as file wwotANTsurveyorCertificate.pdf. On September 15, 2006, Keller Engineers re-verified that the Shively directional antenna is installed correctly.

Request for Program Test Authority:

Currently WWOT (FM) is not operating under automatic program test authority from the herein proposed class B1 facility. Therefore, the applicant respectfully requests program test authority.

ANSI Measurements:

Actual measurements were performed during the afternoon of March 1, 2006 by Troy Barnhart, Chief Operator at the herein proposed class B1 site as WWOT (FM) was

previously operating and licensed under FCC File number BLH-19920327KC. All other stations and facilities were operating under normal circumstances and at legal power.

ANSI Measurement Equipment:

The equipment employed was a Narda EMR 300 meter with a Type 25.2 probe. The Type 25.2 probe is calibrated to read directly in percent of the FCC maximum acceptable occupational/controlled exposure in the range of 300 kHz to 40 GHz as defined in the OET Bulletin No. 65, Edition 97-01. The meter was employed and utilized as per the Narda instruction manual and self-calibrating upon powering. The outside area and perimeter of the tower's fence was walked with the meter at two meters above ground level. Several walking passes were conducted around the fence in opposing and varying patterns with the meter selected in the peak hold mode to obtain and hold the maximum exposure measurement.

The maximum peak level measured on the Narda meter utilizing the peak hold meter function was 4.7 % of maximum occupational/controlled exposure. Since the general population/uncontrolled exposure limit is only 20 percent of the maximum occupational/controlled exposure limit, the general population/uncontrolled exposure can be calculated to be no more than 23.5 percent of uncontrolled maximum as per OET Bulletin No. 65, Edition 97-01.

ANSI Compliance:

The site is in full compliance with the Commission's Rules since the above described measurements utilizing a Narda meter with FCC calibrated probe show that the area outside the tower's fence are well within the general population/uncontrolled exposure limits as described in OET Bulletin 65. The tower perimeter fence is secure with a locked gate and radiation signs are posted.

Suitable procedures such as power reduction or termination of station operation will be employed when workers are to service any area at the site where radiofrequency radiation exceeds those recommended in OET Bulletin No. 65.

Affidavit:

This statement has been prepared by Lynn A. Deppen, Member of Forever Broadcasting, LLC and holder of General Radiotelephone license PG-3-9140. His qualifications are a matter of record with the Commission having been presented and accepted upon many occasions in the past. All statements are true and to the best of my knowledge.

September 27, 2006
Date

Lynn A. Deppen
Lynn A. Deppen