

FCC Form 302-FM - License To Cover
Foothills Broadcasting, Inc
WOEZ(FM) -- 88.3MHz
CH 202C2 -- 2.85kw
Maynardville, Tennessee

EXHIBIT 9

The WOEZ antenna system is shared with station WYLV, Channel 206C3, Alcoa, Tennessee. Because of this fact a “special operating condition” was placed on the WOEZ construction permit.

Condition #2 of the WOEZ construction permit, BPED20020408AAX, requires that “...sufficient measurements shall be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna.” The required measurements are attached as Exhibits 10 (A through E), and show the stations’ operations to be in compliance with the Commission’s rules. Because of the fact that the other station utilizing the shared antenna, WYLV, Channel 206C3, Alcoa, Tennessee, (also owned by Foothills) holds construction permit BPED-20020408AAY, to modify facilities, changing antenna height and radiated power, all measurements were made with WYLV operating under “equipment test authority” and at its’ power level of 1.6kw ERP. Both License to Cover (FCC Form-302) applications are being filed simultaneously.

On Monday, February 17, 2003, both of the stations (WOEZ and WYLV) were operated into the shared antenna system operating with a nominal transmitter power output to produce the specified effective radiated power of each stations’ construction permit. The signals were sampled at the output of the antenna combiner system. The measurements were made utilizing a Tektronix 2710 Spectrum Analyzer, Serial #B020921. Each fundamental frequency was attenuated using a Microwave Filter Company two section tuneable notch filter* to minimize receiver induced spurious emissions which could be generated within the analyzer. This attenuation was noted and considered in the final measurement values. Attached as Exhibit 10A, is the tabulation of measurements demonstrating that the intermodulation products of the shared antenna system are in compliance with 47 C.F.R. Sections 73.317(b) through 73.317(d). Exhibits 10B through 10E are printouts of the spectrum analyzer display as further support of the tabulations.

Based on the measurements and tabulations contained in these exhibits, it is believed that the operation of WOEZ (in association with WYLV) is in compliance with Sections 73.317(b)(c) and (d) and that the “Special operating conditions or restrictions” of the construction permit have been met. Therefore, WOEZ began operation under automatic program test authority per 47 C.F.R. Section 73.1620(a)(1).

* 88.3MHz - Model 6367-2 S/N 88; 89.1MHz - Model 6367-2 S/N 89