

EXHIBIT 12
TECHNICAL STATEMENT
W290AS NORTH ATLANTA, GEORGIA 223D
EDUCATIONAL MEDIA FOUNDATION
FCC FORM 349
JULY 2016

This Technical Statement is in support of a curative amendment, FCC form 349, being filed on behalf of Educational Media Foundation, in conjunction with the filing of Opposition to the Petition for Reconsideration by Radio Training Network, licensee of WVFJ-FM, Greenville, Georgia to the grant of the construction permit, BNPFT-20160129AVQ, to the modification of FM translator W290AS Bainbridge, Georgia, facility ID 139418.

This is a 250-mile window application and the applicant, Educational Media Foundation, has an agreement with JW Broadcasting, Inc., the licensee of WCFO(AM), to rebroadcast WCFO(AM) on W290AS. Educational Media Foundation is proposing to change sites to ASR 1047389 on channel 223D. The Effective Radiated Power will be 250 Watts and the directional antenna will be mounted at 82 meters Above Ground Level with a Center of Radiation at 429 meters Above Mean Sea Level.

Figure 1 shows a channel interference study conducted from the proposed site for the new translator. The pertinent records for further study are:

- 1) WZGC , Georgia 225C1 License

The proposed site is located within the protected 60 dB contour of 2nd adjacent station WZGC Atlanta, Georgia on channel 225C1. WZGC places 81.4 dBu over the proposed site. Therefore the interfering contour from the translator to WZGC is 121.4 dB . Figure 2 shows that the 121.4 dB interference contour F(50,10) from W290AS will not cover any population. The applicant, Educational Media Foundation, respectfully requests a waiver of C.F.R. 74.1204(d) of the Commission's rules based on the fact that there is no

population within the area of predicted interference.

The distance between the proposed site and the previous authorized site for K223CH is 213 miles and meets the requirements for a 250-mile window application.

The proposed operation of W290AS will operate as a fill-in translator rebroadcasting WCFO(AM) East Point, Georgia, facility ID #15521. Figure 3 shows that the 60 dB contour of the proposed operation of W290AS is entirely within the WCFO(AM) 2 mV/m contour and within 25 miles of the WCFO(AM) transmitter site.

It was concluded that the proposed operation of W290AS in North Atlanta, Georgia on 223D will not cause any harmful interference to any existing stations and will be in full compliance with the Commission's rules. Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.