

EXHIBIT 12
TECHNICAL STATEMENT
W300CI CINCINNATI, OHIO 300D
MARY MEDICUS
FCC FORM 349
MARCH 2016

This Technical Statement is in support of an amendment to a minor change application, file no. BMPFT-20160224ABG, FCC form 349, being filed on behalf of Mary Medicus in regards to FM translator W300CI Cincinnati, Ohio, facility ID 156580.

Mary Medicus is proposing a minor change to a building site at the coordinates N. $39^{\circ}-06'07''$, W. $84^{\circ}-31'32''$, NAD 27. The proposed operation will use a Nicom dipole horizontally polarized with an Effective Radiated Power of 1 Watt.

The antenna will be mounted at 15 meters Above Ground Level, with a Center of Radiation at 179 meters Above Mean Sea Level. Figure 1 shows a channel interference study conducted from the proposed site. In the first two lines of the table of Figure 1, there are apparent short spacings, but these are the same facility as this proposal and will be replaced by this application. The only pertinent records for further study are:

- 1) WMMX Dayton, Ohio 299B License

Figure 2 is a predicted coverage map showing the 48 dB interference contour F(50,10) of the proposed operation and the 54 dB protected contour F(50,50) of WMMX Dayton, Ohio on channel 299B. As can be seen, there is no prohibited overlap between these two contours.

Figure 3 shows the overlap between the 60 dB contours of the proposed facility, in red, and the current CP, in blue, seeking to be modified by this application.

The proposed operation of W300CI will operate as a fill-in translator for WDJO(AM), 1480 kHz, Cincinnati, Ohio. Figure 4 shows that the 60 dB contour of the proposed operation of W300CI is entirely within the WDJO 2 mV/m contour and within 25 miles of

the WDJO transmitter site.

It was concluded that the proposed operation of W300CI Cincinnati, Ohio on 300D 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.