

EXHIBIT 12  
TECHNICAL STATEMENT  
NEW HOUSTON, TEXAS 259D  
BUSTOS MEDIA HOLDINGS, LLC  
FCC FORM 349  
DECEMBER 2017

This Technical Statement is in support of a long form application, FCC form 349, being filed on behalf of Bustos Media Holdings, LLC in regards to a new translator for Houston, Texas on channel 259D with new facility ID #201261.

Bustos Media Holdings, LLC is proposing to use an existing site, ASR 1058319, at the coordinates N. 29°-44q04+, W. 95°-23q38+, NAD 27 and rebroadcasting KREH(AM) Pecan Grove, Texas, facility ID #71631. The proposed operation will use a Scala CA-2-CP directional antenna with an Effective Radiated Power of 10 Watts. The antenna will be mounted at 94 meters Above Ground Level, with a Center of Radiation at 110 meters Above Mean Sea Level.

Figure 1 shows a channel interference study conducted from the proposed site for the new translator. In the fourth line of the table of Figure 1, there is an apparent conflict to a record for call letter 1762876, but this facility is the tech box that will be replaced by this application. The only pertinent records for further study are:

- 1) KODA Houston, Texas 256C License
- 2) KILT-FM Houston, Texas 262C License
- 3) KHGV-LP Houston, Texas 259L1 License
- 4) KOYM-LP Houston, Texas 259L1 License
- 5) K258BZ Sugar Land, Texas 258D License

The proposed site is located within the protected contours of 3<sup>rd</sup> adjacent stations KODA Houston, Texas on channel 256C and KILT-FM Houston, Texas on channel 262C. At the proposed transmitter site, the predicted F(50-50) field strength of either KODA and

KILT-FM is 93.6 dB . The worst-case predicted interfering contour F(50-10) generated by the proposed facility to either KODA or KILT-FM at an additional 40 dB above the 93.6 dB received from KODA or KILT-FM at a signal strength of 133.6 dB . This 133.6 dB interference contour F(50-10) travels a maximum distance of 4.6 meters from the transmitting antenna. This interference contour will not reach the ground as the transmitting antenna is 94 meters above ground level. The applicant, Bustos Media Holdings, LLC, Inc., 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.

Figure 2 is the predicted coverage map showing the 40 dB interference contour F(50,10) of the proposed operation and the 60 dB protected contour F(50,50) of KHGV-LP Houston, Texas on channel 259L1. As can be seen, there is no prohibited overlap between these two contours.

Figure 3 is the predicted coverage map showing the 40 dB interference contour F(50,10) of the proposed operation and the 60 dB protected contour F(50,50) of KOYM-LP Houston, Texas on channel 259L1. As can be seen, there is no prohibited overlap between these two contours.

Figure 4 is the predicted coverage map showing the 54 dB interference contour F(50,10) of the proposed operation and the 60 dB protected contour F(50,50) of K258BZ Sugar Land, Texas on channel 258D. As can be seen, there is no prohibited overlap between these two contours.

Figure 5 shows the 60 dB contours of the proposed facility and the current tech box seeking to be modified by this application. They coincide as the parameters are the same.

The proposed operation of new translator will operate as a fill-in for KREH(AM) Pecan Grove, Texas, facility ID #71631. Figure 6 shows that the 60 dB contour F(50,50)

of the new translator is fully within the 2 mV/m contour of KREH(AM).

It was concluded that the proposed operation of new translator in Houston, Texas on 259D 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.