

## Mexican Compliance

The “Agreement Between The Government of the United States of America and the Government of the United Mexican States” of 1992, Annex 1, Section 2, defines the current regulation concerning translators located within 320 km of the Mexican border.

This section reads as follows:

### 2.1 Low Power FM Stations (LPFM)

2.1.1 LPFM stations may operate on any channel from 201 to 300 and they must protect the allotments and assignments of the other Administration based on their maximum permitted parameters in accordance with the Table of Allotment's and Assignments.

2.1.2 An LPFM station is permitted to operate with ERP that shall not exceed 50 watts in the direction of the other country and to produce an interfering contour not to exceed 32 km in the direction of the other country.

2.1.3 The maximum distance to the protected contour (60 dBu) all of an LPFM station shall be 8.7 km in the direction of the other country.

2.1.4 LPFM stations located within 125 km of the common border must be notified in accordance with the notification procedures in Article 8.

2.1.5 An LPFM station located in excess of 125 km from the common border may operate with an ERP in excess of 50 watts in the direction of the other country, provided the protected contour produced is not greater than, starting from 125 km from the common border, 8.7 km in the direction of the other country. Before the station can commence operation it must comply with a notification procedures contained in Article 8 and the provisions of 2.1.1, 2.1.6, and 2.1.7 of this section.

2.1.6 Should any interference be caused by an LPFM station, the offending station must immediately correct the interference or cease operation.

2.1.7 The use of a channel by an LPFM station shall not prejudice in any manner the future allotment of such channel by the other Administration.

The technical parameters of the proposed facility are as follows:

NAD27 Geographic Coordinates 31-28-41.1 N, 100-27-52.5 W  
Effective Radiated Power 250 Watts – Non-Directional  
Antenna Radiation Center is 624 meters Above Mean Sea Level

The proposed translator is 209.5 km from the Mexican border, so it falls only under the provisions of the Agreement, Section 2.1.5 (LPFM stations in excess of 125 km from the common border). At any and all points, the f(50,50) 60 dBu contour is more than 125 km from the Mexican border. At any and all points, the f(50,10) 34 dBu contour does not extend below the 125 km mark from the nearest point of the Mexican border.

The direction to Mexico less than 320 km from the proposed transmitter site is from 178 degrees to 228 degrees with respect to True North (easily verified using a map and protractor).

Therefore this proposal completely satisfies the requirements of the Agreement.