

## **EXHIBIT 12**

**Modify K284CH FM Translator  
Construction Permit BMPFT-20160129ANM  
Channel 284D - 104.7 MHz 0.052 kW - Kansas City, MO**

**to**

**Proposed CH 263D – 100.5 MHz – 0.250 kW - Liberty, MO**

**July 14, 2016**

### **TECHNICAL NARRATIVE**

This Technical Narrative and attached exhibits were prepared on behalf of Alpine Broadcasting Corporation, ("Alpine"). Alpine was granted construction permit BMPFT-20160129ANM for FM translator K284CH, Facility ID Number 153375, Kansas City, Missouri.

Alpine proposes to modify K284CH construction permit BMPFT-20160129ANM in the first AM Filing Window for Class C and D AM stations. The proposed primary station KCXL(AM) is a Class D AM station and is thus qualified to participate. Alpine is modifying K284CH construction permit BMPFT-20160129ANM by relocating to a different transmit location at Liberty, Missouri, changing the frequency to channel 263D (100.5 MHz) and operating with 250 watts ERP directional at 49 meters AGL and 58 meters HAAT. The modified K284CH will be used as a fill-in translator for KCXL(AM), 1140 kHz, Facility ID Number 1162, licensed to Liberty, Missouri. Alpine is also the licensee of KCXL(AM).

The proposed K284CH is located at 38° 14' 18" North Latitude, 94° 23' 59" West Longitude (NAD 27). The transmit location an existing tower, 50.3 meters in overall height. The tower is less than 200 feet in overall height and is not registered with an Antenna Structure Registration (ASR) number.

Exhibit 10 demonstrates compliance with FCC Section 74.1201(g). The proposed K284CH FCC F(50,50) 60 dBu contour is contained inside both the primary station KCXL(AM) 2.0 mV/m daytime contour and a 25 mile radius from the KCXL(AM) transmitter site.

Exhibit 13-A is a channel study using Section 73.207 spacings for Class A FM stations. The channel study is provided as a convenience to FCC staff. Exhibit 13-B demonstrates Section 74.1204 contour protection to KCFX, Channel 266C0, Harrisonville, MO. Exhibit 13-C demonstrates Section 74.1204 contour protection to KMZU Channel 264C1, Carrollton, MO. Exhibit 13-D demonstrates Section 74.1204 contour protection to KPPZ-LP Channel 263L1, Kansas City, MO. Exhibit 13-E demonstrates Section 74.1204 contour protection to KCGG-LP, Channel 264L1, Kansas City, KS.

An Exhibit showing compliance with Section 74.1233(a) "Common Overlap" is not included. Exhibit 13-F demonstrates that the construction permit associated with this facility when the first AM filing window application was filed, K274CF Monroe City, MO

and the proposed K284CH construction permit modification are located within 250 miles of each other.

No interference will be delivered or received from any existing translator station or low power FM (LPFM) facility.

A study has been undertaken to show the proposed K284CH facility is in compliance with the Commission's radio frequency emission limits and is attached as Exhibits 17-A and 17-B.