

## **EXHIBIT 12**

**Modify K284CH FM Translator  
Channel 284D - 104.7 MHz 0.099 kW - Kansas City, MO**

**to**

**Proposed CH 284D – 104.7 MHz – 0.099 kW - Kansas City, MO**

**June 7, 2017**

### **TECHNICAL NARRATIVE**

This Technical Narrative and attached exhibits were prepared on behalf of Alpine Broadcasting Corporation, ("Alpine"), licensee of FM translator K284CH, Facility ID Number 153375, Kansas City, Missouri.

Alpine proposes a minor modification of the K284CH. The primary station will continue to be KCXL(AM), 1140 kHz, Facility ID Number 1162, Liberty, MO. Alpine is the licensee of KCXL. Alpine seeks to modify K284CH by changing the transmit antenna and height above ground level. No change in frequency is sought.

The proposed K284CH is located at 39° 00' 56" North Latitude, 94° 30' 24" West Longitude (NAD 27). The transmit location an existing tower, 335.9 meters in overall height is registered with an Antenna Structure Registration (ASR) number 1003006.

Exhibit 10 demonstrates compliance with FCC Section 74.1201(g). The proposed K284CH FCC F(50,50) 60 dBu contour is contained inside the primary station KCXL(AM) 2.0 mV/m daytime contour.

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 KBEQ-FM, Channel 282C0, Kansas City, MO. Exhibit 13-C demonstrates Section 74.1204 contour protection to second adjacent full power FM station KCJK, Channel 286C1, Garden City, MO. Exhibit 13-D demonstrates Section 74.1204 contour protection to co-channel full power FM stations KRES, Channel 284C, Moberly, MO, KVCY, Channel 284C3, Fort Scott, KS and KXBZ, Channel 284C2, Manhattan, KS. Exhibit 13-E shows Section 74.1204 contour protection to FM translator K284BS, Lawrence, KS.

Alpine respectfully requests that this K284CH Form 349 minor modification application be held in queue per FCC Section 73.3573 "Processing FM broadcast station applications", pending either the modification, cancellation or expiration of LPFM construction permit BNPL-20131114ARG for KOJH-LP, Facility ID number 195973, Kansas City, MO. The KOJH-LP construction permit expiration date is January 20, 2018.

No site change is being proposed. Therefore an exhibit demonstrates compliance with Section 74.1233(a) "Common Overlap" is not included.

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.