



Amended Application for NEW Station  
Lockney, Texas  
Auction 109 Winner

## EXHIBITS

This comprehensive exhibit is prepared on behalf of Grace Community Church of Amarillo, winner of Auction 109 permit MM-FM1127-C3 for Lockney Texas. This long-form application is being filed in the proper filing window, and is all inclusive of the exhibits required in the application. This amendment changes the proposed operating channel to that on the original Auction offering, at a new tower location owned by the applicant.

## OTHER AUTHORIZATIONS

The applicant herein is also the licensee of:

KRBG (FM) Umbarger TX FACID 93643

KBZD (FM) Amarillo TX FACID 33449

And several FM translator stations.

## MULTIPLE OWNERSHIP COMPLIANCE

The applicant herein is a non-profit corporation which operates existing non-commercial educational stations; the facility herein will be licensed as non-commercial, none of the existing holdings by the applicant overlap the facility proposed herein.

## AUCTION AUTHORIZATION

The information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), and 1.2112(a), is not applicable to this applicant. There were no agreements or arrangements relating to the competitive bidding process of Auction 109. The applicant herein is the board of directors of a non-profit corporation composed only of real persons which hold no equity ownership interest in the licenses. The parties having voting stock in the corporation are listed in the Ownership section of the application.

## COMMUNITY COVERAGE

In compliance with section 73.515, the proposed facility provides a contour in excess of 70 dBu (50,50) coverage of the entirety of the community of license.

## ALLOTMENT REQUIREMENTS

The attached map of allotments depicts the proposed allocation situation with respect to all pertinent co-channel and adjacent channel facilities. The 73.215 map has the pertinent facilities depicted utilizing either the maximum ERP or directional pattern data as on file with the commission. AAT data for the proposed facility was derived from the FCC's 30 second database, *Comstudy*.

The Proposed 345 ft tower is currently subject of ASR application File Number A1207251 in the name of this applicant. The applicant proposes to build the tower for the construction of this FM station. The Proposed horizontally polarized non-directional FM antenna is a 6-bay PSI model with a proposed Effective Radiated Power of 16kw (H). This exceeds minimum Class C3 facilities.

The applicant requests that the Table of Allocations specify  
Lockney TX ALC Ch 271-C3

With NAD-83 Reference Coordinates of  
34-05-00 (N)  
101-23-15 (W)

This allocation point is located 9km from the community of Lockney, in compliance with 47CFR 73.315.

## CONTOUR PROTECTION

The applicant requests processing under 47CFR 73.215 to operate the Class C3 facility on the tower noted. At the requested location, the facility would be short-spaced to first adjacent station KATP (FM) Channel 270-C1, Amarillo TX. There is also slight short spacing to first-adjacent LPFM KSJH-LP Hart TX. As noted on the attached map of contours, there is no prohibited contour overlap to these existing stations utilizing the proposed height and effective radiated power.

## ENVIRONMENTAL PROTECTION

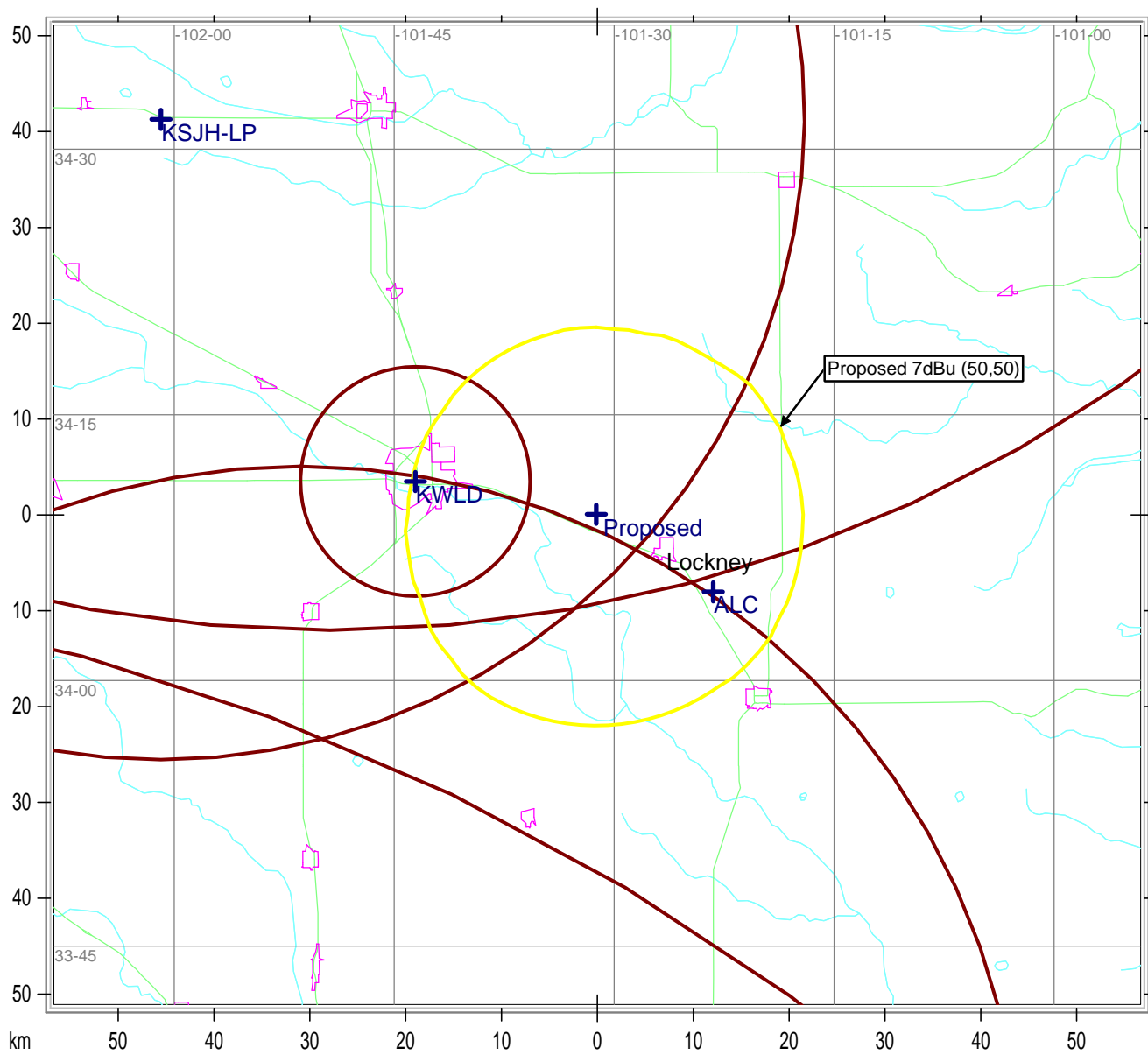
This environmental statement is limited to the study of potential RF radiation from the proposed facility. RF radiation from the proposed facility has been reviewed in accordance with the 'Radio Frequency Protection Guides', adopted by the Commission in OET Bulletin No. 65, Edition 97-01. RF radiation from the proposed facility will not have a significant environmental impact. The Applicant has used the 'RF Worksheets' to make this determination.

The applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

Respectfully,

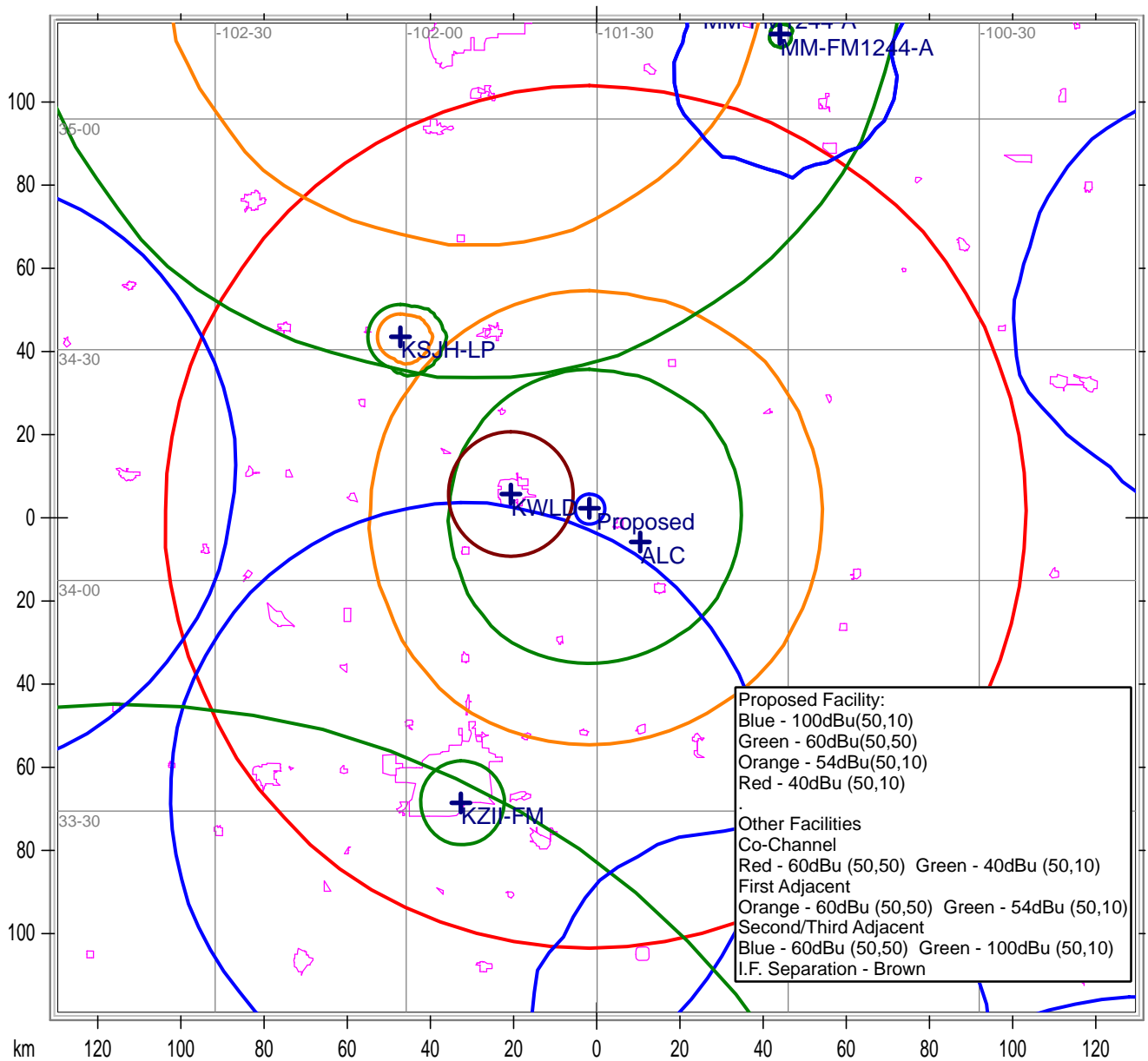
A handwritten signature in black ink, appearing to read "Jim Turvaille". The signature is fluid and cursive, with the first name "Jim" and last name "Turvaille" clearly distinguishable.

Jim Turvaille, Owner  
Turbo Tech Services  
Certified Radio Engineer – Consultant



State Borders    City Borders    Highways    Water Features    Lat/Lon Grid

## Map of Interfering Contours



State Borders City Borders Lat/Lon Grid

### Data Source & Methodology

All contour and population calculations are performed using ComStudy 30 Sec FCC Terrain and US Census 2010 Block data underlay.