

## CONTOUR OVERLAP MAP

Greg Best Consulting, Inc.

**KPXA-L.C.Tepasquet**  
Latitude: 34.54.36 N  
Longitude: 120.11.10 W  
ERP: 1.00 kW  
Channel: 49+  
Frequency: 683.5 MHz  
AMSL Height: 893.56 m  
Elevation: 879.86 m  
Horiz. Pattern: Directional  
Vert. Pattern: Yes  
Elec Tilt: 0.0  
Prop Model: Longley/Rice  
Climate: Cont temperate  
Conductivity: 0.0050  
Dielec Const: 15.0  
Refraction: 301.0  
Receiver Ht AG: 10.0 m  
Receiver Gain: 0 dB  
Time Variability: 90.0%  
St. Variability: 50.0%  
ITM Mode: Broadcast

**KPXA Licensed Facility 74 dBu  
F (50,50) Service Contour**

**Proposed Facility 51 dBu  
F(50,90) Service Contour**

**KPXA Existing CP 74 dBu  
F(50,50) Service Contour**

