

## **EXHIBIT 12**

### **FM OVERLAP REQUIREMENTS**

This application uses parameters identical to those specified in the previously submitted “short form”, with the exception that the antenna to be employed has been changed.

This application meets all requirements of 47 CFR §74.1204 regarding interference protection to other existing stations, authorizations, and pending applications, as shown by **Exhibit 12a**. In each case the affected stations’ protected contours are shown, with the appropriate proposed translator interfering contour color coded to match the appropriate affected stations. No interference to reception to any of these stations is expected to occur.

This proposed translator is in the Canadian zone, according to FCC records. The 34dbu f(50/10) contour does not cross the border. No Canadian processing will be required.

**BROWN BROADCAST SERVICES**  
I N C O R P O R A T E D

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# Exhibit 12a - Contour Analysis

Brown Broadcast Services, Inc.  
Job: 15-1 UNDERWOOD LONG FORM FINAL.fmj  
Master Database: 2003\_Aug\_08.fmd  
Lat: N45:44:32 Lon: W121:34:46 NAD-27  
Scale: 1:1250000  
Channel: 242 Class: DX  
Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved  
Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj  
Range: 83 km, Clearance: -0.5km  
Comments: No Comments  
Description:

rfInvestigator-FM Version 2.0.75  
by rfSoftware, Inc.  
Date: 8/13/2003 5:57:38 PM  
Key:  
Service  
Protected  
Co-Channel  
1st Adj  
2nd/3rd Adj

