

## **EXHIBIT 12**

### **FM OVERLAP REQUIREMENTS**

This application uses identical parameters to that specified in the previously submitted “short form”, with the exception of ERP, which has been increased to 250w. No new contour overlaps or mutual-exclusivities would be created as a result of this minor change.

This application meets all requirements of 47 CFR §74.1204 regarding interference protection to other existing stations and authorizations. Also, contour separation is provided to 2<sup>nd</sup> adjacent pending translator application 20030317GJJ, Channel 237, Missoula, as shown in **Exhibit 12b**.

This proposed translator is contained within the protected contour of 3<sup>rd</sup>-adjacent station KBAZ, Hamilton, Mt. KBAZ has a signal strength of 101.5dbu f (50/50) at the proposed translator site. With a U/D ratio of 40db for 3<sup>rd</sup>-adjacent translators, the interfering contour of the proposed translator becomes 141.4 dbu f(50/10), which would extend to a radius of about 10 meters, not even “leaving the tower”. The proposed translator would be on a grassy ridge top with a primitive private access road – hundreds of meters from any populated areas or major roads. No interference to reception of KBAZ is expected to occur.

This proposed translator is in the Canadian zone, but the 34dbu 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 12b - Contour Analysis

Brown Broadcast Services, Inc.  
Job: 04-3 MISSOULA CH239 LONG FORM FINAL.fmj  
Master Database: 2003\_Aug\_08.fmd  
Lat: N46:52:56 Lon: W113:59:13 NAD-27  
Scale: 1:200000  
Channel: 239 Class: DX  
Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved, Deleted  
Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF  
Range: 100 km, Clearance: -0.5km  
Comments: No Comments  
Description:

rfInvestigator Version 1.4.6  
by rfSoftware, Inc.  
Date: 8/9/2003 10:25:28 AM  
Key:  
Service  
Protected  
Co-Channel  
1st Adj  
2nd/3rd Adj

