

## **Exhibit 12**

### **Interference Analysis Overlap Requirements**

According to CFR 47 §74.1204(a), translators are required to protect all existing FM stations from interference due to overlap of the protected contours of the existing stations with the interfering contours of the new translators.

#### **US Stations**

In the attached tabular printout, only the two AP289s have outgoing contour overlaps from the proposed translator, so no interference to other stations is anticipated.

The AP289s are the current application, and need not be protected.

Again, no other entries are sufficiently close to the proposed translator to require analysis.

#### **IF Separation**

No stations separated by 53 or 54 channels were found by the search.

## Exhibit 12

## CA Chalfant Valley

REFERENCE CH# 289D - 105.7 MHz, Pwr= 0.055 kW, HAAT=56.8 M, COR= 1340 M DISPLAY DATES  
 37 31 36 N Average Protected F(50-50)= 6.67 km DATA 03-26-04  
 118 21 56 W Ave. F(50-10) 40 dBu= 22.4 54 dBu= 9.6 80 dBu= 2.2 100 dBu= .5 SEARCH 05-02-04

CH CITY	CALL STATE	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
289D AP289 Chalfant Valley	CA	APP C	0.0	0.00	37 31 36	0.250	1340	9.9	-37.97*	-25.40*
		CA	180.0	BNPFT20030312ACX	118 21 56	57	33.1	Living Proof, Inc.		
289D AP289 Chalfant Valley	CA	APP C	0.0	0.00	37 31 36	0.250	1340	9.9	-37.97*	-25.40*
		CA	180.0	BNPFT20030828AXN	118 21 56	57	33.1	Living Proof, Inc.		
290B KRNC Fresno	CA	LIC CN	242.2	107.03	37 04 23	2.400	1425	12.5	83.86	84.67
		CA	62.2	BLH19791203AF	119 25 51	-34	18.3	Infinity Radio Inc.		

ERP and HAAT are on direct line to and from reference station.

\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.