

LPFM Spacing Study

Crescent City, CA

CH290 105.9 MHz

Coordinates:

41 46 20 N
124 12 16 W

This study, using V-Soft, demonstrates that general spacing requirements have been met for the proposed LPFM station.



The screenshot shows the FMCommander software interface. The main window displays a table of nearby stations with the following columns: Call, Type, Ch, Location, Azi, Dist, FCC, and Margin. The data is as follows:

Call	Type	Ch	Location	Azi	Dist	FCC	Margin
KKHB	LIC	288C1	Eureka	CA 169.6	117.60	72.5	45.1
KINS-FM	LIC-Z	292C2	Blue Lake	CA 170.4	117.65	52.5	65.2

Below the table, it says "End of Screen List". The software interface also shows various status bars and toolbars, including a menu bar with options like File, Print, Settings, Class, Channel, and a status bar at the bottom with system icons and the date/time (9:04 PM 11/6/2013).

The nearest AM radio station is **KPOD**, non-directional, at **1.777 km** distance, azimuth 141.48 degrees. The minimum permitted is 0.8 km without special conditions.

CA-CresLP_Channel_Study.txt

CA - Crescent City - LP
Amador Street

REFERENCE
41 46 20.0 N. CLASS = L1 DISPLAY DATES
124 12 16.0 W. Current Spacings to 2nd Adj. DATA 10-31-13
SEARCH 11-06-13
----- Channel 290 - 105.9 MHz -----

Call	Channel	Location	Azi	Dist	FCC	Margin
KKHB	LIC 288C1	Eureka	CA 169.6	117.60	72.5	45.1

All separation margins include rounding