

1990 Census data selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-05-2008 Time: 20:44:39

Record Selected for Analysis

W18CU-D. USERRECORD-01 SISTER BAY WI US
 Channel 18 ERP 1.95 kW HAAT 206. m RCAMSL 00387 m SIMPLE MASK
 Latitude 045-14-19 Longitude 0087-05-27
 Status APP Zone 1 Border
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 35.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.617	211.0	33.9
45.0	1.636	203.1	38.5
90.0	0.552	207.8	33.1
135.0	0.307	207.7	30.1
180.0	0.844	199.4	34.9
225.0	1.839	196.6	38.8
270.0	0.227	211.0	28.7
315.0	0.002	211.0	9.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
 Distance to border = 238.0km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Stations Potentially Affected by Proposed Station