

City of License Coverage

The community of license for KAIS is Juneau, Alaska. The city of Juneau contains an area of 7,842.38 sq. km* and has a population of 30,711* persons (see Exhibit 14-A). The proposed facility's 60 dBu F(50,50) contour covers 570 sq. km and 25,742 persons within the city limits of Juneau. Shown in Exhibit 14-B is a map of the contour coverage area. Additionally shown in Exhibit 14-B is a population scattergraph of the area. The chart below shows the percentages of both area and population covered within the city limits of Juneau covered by the proposed KAIS facility.

	City of Juneau KAIS Proposed		Percentage of Coverage
Area	7842.38	570	7.27%
Population	30,711	25,742	83.82%

Thus, the facility proposed in this application meets the requirement to serve the community of license.

*Note - The city limits and population were calculated using the 2000 Census data as rendered by V-Soft Communications program Probe 4.

City of License Area

*Polygon Population Report - Juneau (entire city of Juneau)

Population Database: 2000 US Census (SF1)

Total Population: 30,711

Housing Units: 12,277

Polygon Area: 7842.38 sq. km

*Polygon Population Report - Juneau (city of Juneau covered)

Population Database: 2000 US Census (SF1)

Total Population Within Contour: 25,742

Housing Units Within Contour: 10,287

Total Area Within Contour: 570 sq. km

Exhibit 14 - B

KAIS.C

Latitude: 58-18-05 N
Longitude: 134-26-26 W
ERP: 3.00 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 72.0 m
Elevation: 2.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

