

### **City of License Coverage**

The community of license for KAKI is Juneau, AK. The city of Juneau contains an area of 8,428 sq. km\* and has a population of 31,275\* persons (see Exhibits 16-A and 16-A1). The proposed facility's 60 dBu F(50,50) contour covers 419.92 sq. km and 15,654 persons (see Exhibits 16-B and 16-B1) within the city limits of Juneau. The chart below shows the percentages of both area and population covered within the city limits of City covered by the proposed KAKI facility.

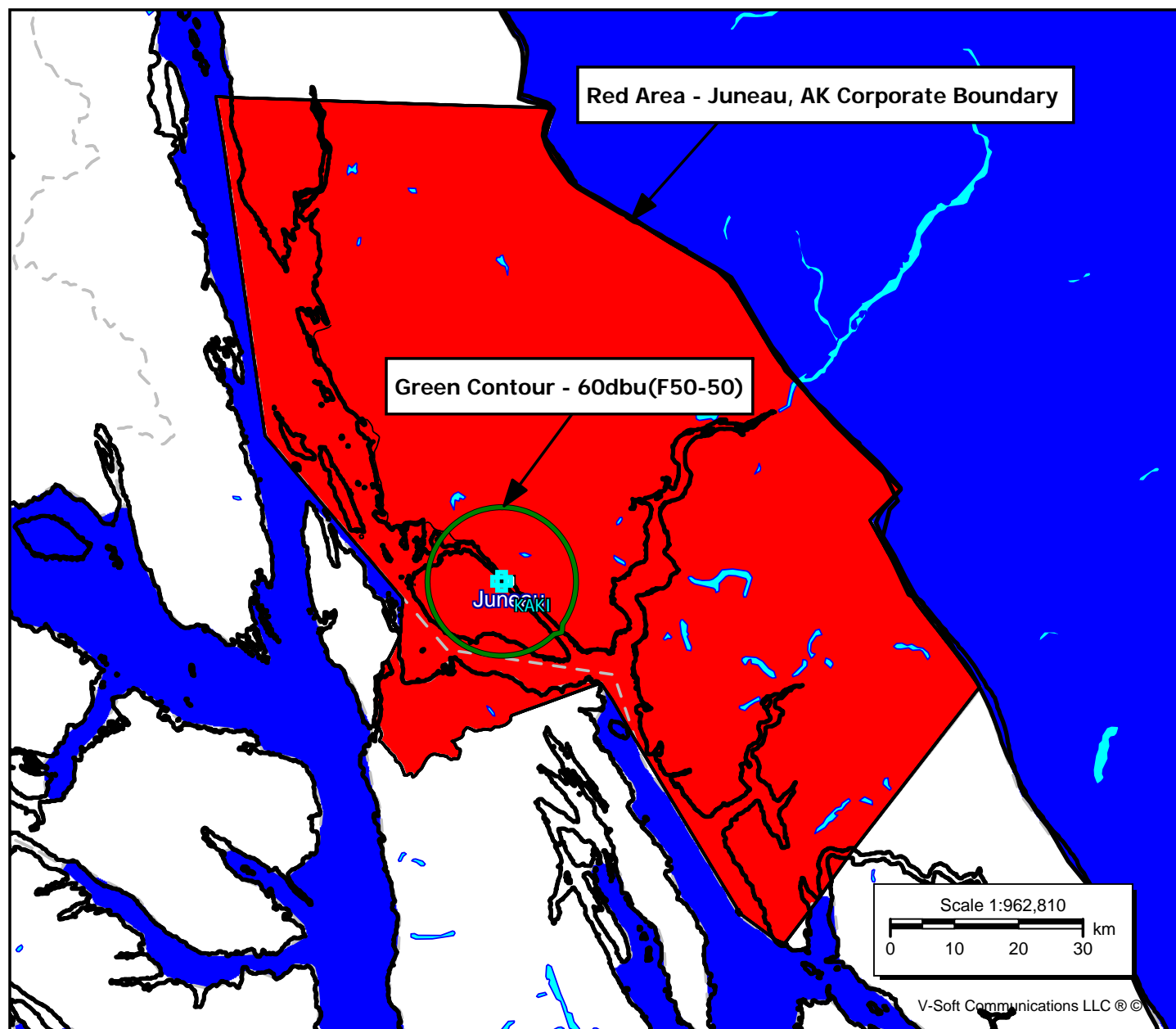
	Juneau	KAKI	Percentage of Coverage
Area	8,428	419	4.97%
Population	31,275	15,654	50.05%

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 2010 Census data as rendered by V-Soft Communications program Probe 4.

Exhibit 16A  
Community of License

KAKI  
BLED20110315ACF  
Latitude: 58-18-05 N  
Longitude: 134-26-26 W  
ERP: 1.70 kW  
Channel: 201  
Frequency: 88.1 MHz  
AMSL Height: 42.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None



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*Exhibit 16B*  
*Juneau, AK*

## City of License Coverage

Overlap Population Report  
KAKI (201) / Juneau, AK

Overlap Area Type: Intersection  
Areas Included:

KAKI (201): FCC F(50-50) 60.00 dBu (FCC HAAT)  
PGON: Juneau, AK

Population Database: 2010 US Census (PL)

Total Population: 15,654  
Housing Units: 7,004  
Overlap Area: 419.93 sq. km

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Area Description	Total Population	Total Area [sq. km]	Percent Population	Percent Area
KAKI (201): FCC F(50-50) 60.	15,654	419.92	100.0 %	100.0 %
PGON: Juneau, AK	31,275	8,428	50.1 %	5.0 %