

City of License Coverage

The proposed community of license for KLVA is Avondale, Az. The city of Avondale contains an area of 138.5 sq. km* and has a population of 77,159* persons (see Exhibit 16A for population figures). The proposed facility's 60dBu F(50,50) contour covers 138.5 sq. km and 77,159 persons (see Exhibit 16-B for contour coverage) within the city limits of Avondale. The chart below shows the percentages of both area and population covered within the city limits of Avondale by the proposed KLVA facility.

	City of Charles City	WLRJ Proposed	Percentage of Coverage
Area (km)	138.5	138.5	100.00%
Population	77,159	77,159	100.00%

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.

City of License Coverage Report

Overlap Population Report
KLVA.P (288) / Avondale, AZ

Overlap Area Type: Intersection
Areas Included:

KLVA.P (288): FCC F(50-50) 60.00 dBu (FCC HAAT)
PGON: Avondale, AZ

Population Database: 2010 US Census (PL)

Total Population: 77,159
Housing Units: 27,301
Overlap Area: 138.5 sq. km

Area Description	Total Population	Total Area [sq. km]	Percent Population	Percent Area
KLVA.P (288): FCC F(50-50)	3,395,990	8,698	2.3 %	1.6 %
PGON: Avondale, AZ (11/14)	77,159	138.52	100.0 %	100.0 %

Exhibit 16B Community of License Coverage

KLVA.P

Latitude: 33-16-24.10 N
Longitude: 112-16-48 W
ERP: 0.800 kW
Channel: 288
Frequency: 105.5 MHz
AMSL Height: 1383.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

