

The proposed 60 dBu contour for W245AR, Jackson, TN overlaps the 60 dBu contour for W292CZ, Jackson, TN, as can be seen in Exhibit 15-A. In order to be certain that these two facilities do not serve substantially the same area, the following study has been conducted.

A report of the area contained within both the proposed 60 dBu contour for W245AR and the current 60 dBu contour for W292CZ has been included as Exhibits 15-B and 15-C. Also, a report of the area that is shared by both facilities has been included at Exhibit 15-D. The pertinent data is summarized below:

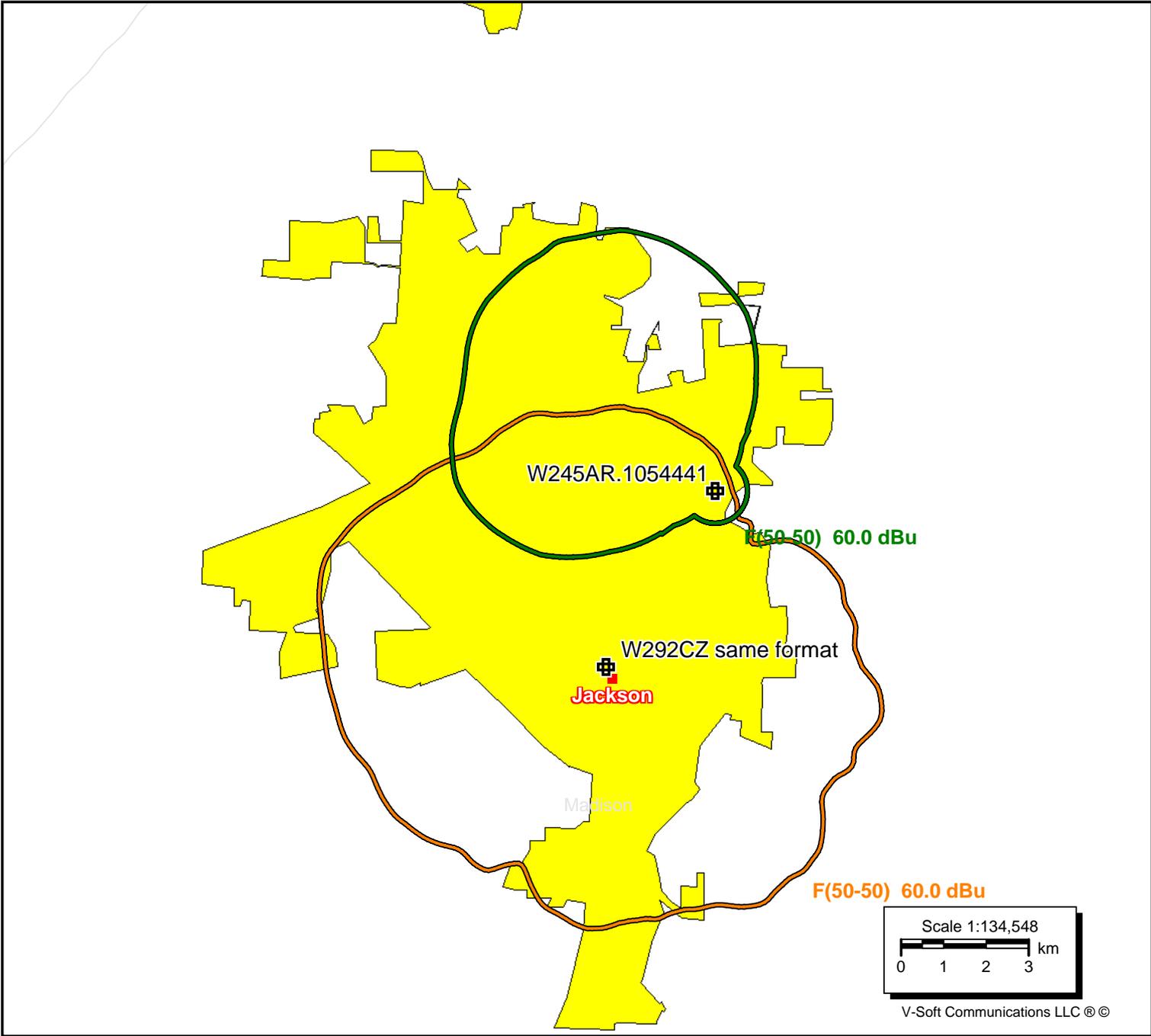
	Total Area Served (sq. km)	Overlap Area	Percent Shared
W245AR proposed	43.83	17.25	39.35%
W292CZ current	115.42	17.25	14.95%

As can be seen, there is less than 50% shared coverage, thus the two facilities serve substantially different areas.

**W245AR.1054441**  
Latitude: 35-39-15 N  
Longitude: 088-47-14 W  
ERP: 0.013 kW  
Channel: 245  
Frequency: 96.9 MHz  
AMSL Height: 251.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

**W292CZ same format**  
BLFT20061222ACH  
Latitude: 35-37-01 N  
Longitude: 088-48-56 W  
ERP: 0.027 kW  
Channel: 292  
Frequency: 106.3 MHz  
AMSL Height: 196.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

W292CZ same format  
W245AR.1054441



V-Soft Communications Population Report

Contour Parameters:

Type: FCC Contour

F(50-50) FS: 60.00 dBu [360 Radials]

Population Database: 2000 US Census (SF1)

Primary Terrain: V-Soft 30 Second US Database

Secondary Terrain: V-Soft 3 Second US Terrain

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Transmitter Information:

Call Letters: W245AR.1054441

Latitude: 35-39-15 N

Longitude: 088-47-14 W

ERP: 0.013 kW

Channel: 245

Frequency: 96.9 MHz

AMSL Height: 251.0 m

Elevation: 149.0 m

Horiz. Antenna Pattern: Directional

Vert. Elevation Pattern: No  
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Total Population Within Contour: 20,799

Total Housing Units Within Contour: 8,830

Total Area Within Contour: 43.83 sq. km

V-Soft Communications Population Report

Contour Parameters:

Type: FCC Contour

F(50-50) FS: 60.00 dBu [360 Radials]

Population Database: 2000 US Census (SF1)

Primary Terrain: V-Soft 30 Second US Database

Secondary Terrain: V-Soft 3 Second US Terrain

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Transmitter Information:

Call Letters: W292CZ same format

File Number: BLFT20061222ACH

Latitude: 35-37-01 N

Longitude: 088-48-56 W

ERP: 0.027 kW

Channel: 292

Frequency: 106.3 MHz

AMSL Height: 196.0 m

Elevation: 127.0 m

Horiz. Antenna Pattern: Omni

Vert. Elevation Pattern: No  
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Total Population Within Contour: 42,037

Total Housing Units Within Contour: 18,595

Total Area Within Contour: 115.42 sq. km

## Polygon Population Report

Population Database: 2000 US Census (SF1)

Total Population: 9,155

Housing Units: 4,117

Polygon Area: 17.25 sq. km