Development of a VHF Repeater System with Coverage of Shawnee, Jefferson, Douglas and Leavenworth Counties

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Target Coverage

- Jefferson County
  - Perry Lake
- Shawnee County
  - Topeka
- Douglas County
  - Lawrence
  - Clinton Lake
- Leavenworth County
Results

My towers

25.62% Coverage

FCC Registered towers

32.28% Coverage

Ideas for Improvement:

• Go out and inspect areas of proposed placement and integrate GPS technology to determine locations

• Map contours to help emphasize high points