

Predicted Area of WSJL Interference Caused to Analog TV-6
Population within Predicted Interference Area = 1,323 persons

Because the affected population is less than 3,000 persons,
the proposal is compliant with Section 73.525 of the FCC Rules.
See Section 73.525(c)

WSJL FM Interfering Contours Computed with ERP = 150 watts.
No adjustments for antenna directivity considered.
Both cities that receive TV-6 int < 50,000 people
Per Section 73.525(e)(4)(i), The maximum permitted
Vertical only ERP = 150 w x 40 = 6,000 watts

WBRC-TV6 84 dBu to 94 dBu F(50,50) Contours
WSJL-APP 77.9 to 83.5 dBu F(50,10) Contours

Hueytown
2000 Population
15,364 persons

Bessemer
2000 Population
29,672 persons

WSJL Predicted Interference Caused to Analog TV-6
WBRC-TV, Birmingham, Alabama
Channel 6, 100 kW, 420 m HAAT, FCC File No. BLCT-19880229KI
WSJL-APP, Bessemer, Alabama
Ch. 201A, 6 kW (V-Only, DA-MAX), 98 m HAAT
October, 2009

CARL T. JONES
CORPORATION

