

Layton, Class A, 88.7 MHz
TV Channel 6 Exhibit
October 17, 2007

TV Channel 6 Reporting Threshold Issues

The proposed transmitter site in the application is located 92.76 kilometers from the nearest TV Channel 6 station, WTVJ, Miami, FL. This is within the threshold set forth by Table A in Title 47, Section 73.525(a). Thus the proposed facility is required to comply with the regulations set forth in 73.525 related to TV Channel 6 calculated contour overlap and population reporting.

TV Channel 6 Population Interference Calculation

The applicant proposes a vertical power of 1900 watts and no horizontal power. The equivalent vertical polarized power is $1900/40 = 47.5$ watts. WTVJ's 4 dBu (50,50) contour intersects the proposed transmitter site for Islamorada 207. According to the Commission's table in 73.599, the interfering ratio is -5 dB. Within the applicant's 64 dBu interfering contour, there are 383 people according to ComStudy. The applicant agrees to supply filters for 1000 viewers that experience TV 6 interference.