

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH20111116AHE, callsign KLJY, class C0, status LIC, CLAYTON, MO, channel 256, facility ID 65924[3]

Undesired-to-Desired Ratio Method

BLH20111116AHE f(50,50) signal: 98.8 dBu [1][2]  
Second-adjacent protection: + 40 dB  
Interference-zone boundary: 138.8 dBu  
Distance to 138.8 dBu: 8 m (HAAT = 30 m, ERP <= 0.1 kW)  
[1]

The antenna is proposed to be mounted above the top of a building such that the radiation center is 45 meters above the top-most occupied floor. The interference zone does not contact occupants nor does it intersect with nearby occupied structures or major roadways, thus no population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.

[1] tvfmfs\_metric() C-language subroutine as distributed by the FCC. At distances less than or equal to 1.5 km, tvfmfs\_metric() uses the free-space method.

[2] FCC HAAT Calculator web page,  
[http://transition.fcc.gov/mb/audio/bickel/haat\\_calculator.html](http://transition.fcc.gov/mb/audio/bickel/haat_calculator.html)

[3] CDBS database downloaded 2013-11-12 03:51:41