

Applicant requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH20021030ABE, call sign WWLD, class C2, status LIC, CAIRO, GA, channel 272, facility ID 38640[3]

### Undesired-to-Desired Ratio Method

BLH20021030ABE f(50,50) signal: 89.1 dBu [1][2]

Second-adjacent protection: + 40 dB

Interference-zone boundary: 129.1 dBu

Distance to 129.1 dBu: 13 m (HAAT = 56 m, ERP  $\leq$  0.0285 kW) [1]

The interference zone produces a worst-case circle of radius 13 meters on the ground which is shown on the following map. This circle does not intersect occupied structures nor major roadways, thus no population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.



[1] *tvfms\_metric()* C-language subroutine as distributed by the FCC.

At distances less than or equal to 1.5 km, *tvfms\_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 2013-09-23 04:04:04