Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH-20020905AAG, callsign WZPL, class B, status LIC, Greenfield, IN, channel 258, facility ID 47144[3]

| Undesired-to-Desired Ratio Method | |
| --- | --- |
| BLH-20020905AAG f(50,50) signal | 92.1 dBu [1][2] |
| Second-adjacent protection | + 40 dB |
| Interference-zone boundary | 132.1 dBu |
| Distance to 132.1 dBu | 17.5 m (ERP <= 0.1 kW) [1] |

The interference zone produces a worst-case circle of radius 17.5 meters on the ground which is shown on the following map. With a radiation center at 35 meters AGL,  no population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.



[1] tvfmfs() Fortran subroutine as distributed by the FCC. At distances less than or equal to 1.5 km, tvfmfs() uses the free-space method.
[2] FCC HAAT Calculator web page, http://transition.fcc.gov/mb/audio/bickel/haat_calculator.html
[3] CDBS database downloaded 2015-12-30 03:47:00