

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH-20060926AHF, callsign KXOL-FM, class B, status LIC, LOS ANGELES, CA, channel 242, facility ID 28848[3]

Undesired-to-Desired Ratio Method

BLH-20060926AHF f(50,50) signal: 92.8 dBu [1][2]
Second-adjacent protection: + 40 dB
Interference-zone boundary: 132.8 dBu
Distance to 132.8 dBu: 16 m (HAAT = -15 m, ERP <= 0.1 kW) [1]

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BMLH-19900206KB, callsign KAMP-FM, class B, status LIC, LOS ANGELES, CA, channel 246, facility ID 25075[3]

Undesired-to-Desired Ratio Method

BMLH-19900206KB f(50,50) signal: 88.8 dBu [1][2]
Second-adjacent protection: + 40 dB
Interference-zone boundary: 128.8 dBu
Distance to 128.8 dBu: 26 m (HAAT = -15 m, ERP <= 0.1 kW) [1]

The interference zone produces a worst-case circle of radius 26 meters on the ground which is shown on the following map. There are no occupied structures nor major roadways within 26 meters of the radiation center, 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

[3] CDBS database downloaded 2014-10-03 03:05:00