Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BMLH-20090709ACO, callsign KYSR, class B, status LIC, Los Angeles, CA, channel 254, facility ID 36019[3]

Undesired-to-Desired Ratio Method	
BMLH-20090709ACO f(50,50) signal	117.3 dBu [1][2]
Second-adjacent protection	+ 40 dB
Interference-zone boundary	157.3 dBu
Distance to 157.3 dBu	0.1 m (ERP <= 0.002 kW) [1]

The interference zone produces a worst-case circle of radius 0.1 meters. Since the antenna is 10.5 meters above ground, the interference zone does not reach the ground, thus no population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BMLH-20160325AAB, callsign KKLA-FM, class B, status LIC, Los Angeles, CA, channel 258, facility ID 48453[3]

Undesired-to-Desired Ratio Method	
BMLH-20160325AAB f(50,50) signal	80.7 dBu [1][2]
Second-adjacent protection	+ 40 dB
Interference-zone boundary	120.7 dBu
Distance to 120.7 dBu	9.2 m (ERP <= 0.002 kW) [1]

The interference zone produces a worst-case circle of radius 9.2 meters on the ground which is shown on the following map. All nearby structures are unoccupied equipment shelters. There are no occupied structures nor major roadways within 9.2 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() 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 2016-04-13 03:46:00