

# CAUFP Second-Adjacent Exhibit

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with (LMS)BMLH-20050308AAR, callsign WMC-FM, class C, status LICEN, MEMPHIS, TN, channel 259, facility ID 59449

Undesired-to-Desired Ratio Method	
(LMS)BMLH-20050308AAR f(50,50) signal	100.510 dBu
Second-adjacent protection	+ 40 dB
Interference-zone boundary	140.51 dBu
Distance to 140.51 dBu	6.6 m (ERP <= 0.1 kW)

The worst-case interference zone is a sphere of radius 6.6 meters, shown projected on the ground in the following map. There are no residences, offices, nor 4-lane roads within the potential interference area, thus no population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.

