

REQUEST FOR 2ND ADJACENT WAIVER FOR WQMP-FM

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with (LMS)BMLH-20170905AAR, callsign WQMP, class C, status LICENSE, DAYTONA BEACH, FL, channel 270, facility ID 73137[3]

Undesired-to-Desired Ratio Method	
(LMS)BMLH-20170905AAR f(50,50) signal	112.230 dBu [1][2]
Second-adjacent protection	+ 40 dB
Interference-zone boundary	152.23 dBu
Distance to 152.23 dBu	0.9 m (ERP <= 0.025 kW) [1]

The worst-case interference zone is a sphere of radius 0.9 meters, shown projected on the ground in the following map.

Since the proposed antenna height is 60 meters above ground level, no population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.

