

Second adjacent stations impacted

Call Sign	Community	Chan Class	Dist	ERP	Effective HAAT	Field Strength	Est. Overlap	
							Radiation Center	@Ground Level
KMIY	TUCSON AZ	225C	18.9	90	605.3	94.944 dBu	9 m	NONE
KROQ	TUCSON AZ	229C	18.8	93	597.3	95.054 dBu	9 m	NONE

Overlap Area Map

TEST 2: In the above map, if the black circle does overlap one or more of the other colored circles shown above, then an additional test must be done to determine the size of the overlap area and the potential listeners in that area. In the map below, the blue circle represents an area that is 9 meters around your proposed LPFM station at the center of radiation of your antenna. **Because of the antenna height, the interference will not reach the ground.** If the antenna is located on the roof of a multi-story building, as long as there are no occupied (residential habitation or business/office/retail/etc.) floors within 9 of the radiation center of the antenna (just a rule of thumb, each floor of a building is about 5 meters), then a claim of no interference can be made otherwise this channel can not be used for LPFM.

