

Call Sign	Community	Chan Class	Dist	ERP	Effective HAAT	Field Strength	Est. Overlap Radiation Center	@Ground Level
<a href="#">KMVP-FM</a>	PHOENIX AZ	254C	43.1	97	494.0	78.293 dBu	21 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 21 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 21 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.

