

In this project, we will leverage the 470MHz-494MHz TV whitespace spectrum to transmit wireless data following the IEEE 802.11af standard. The main objective is to systematically measure the link-quality, as a function of distance and multi-path environmental factors.

According to the Google spectrum database, the 470MHz-494MHz spectrum is unoccupied by any other devices around the protection range of our location. So our experiment will not interfere with any other incumbents.

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