

Question 6: Description of Research project

A. This research project will be used to demonstrate and test a signal generator to potential customers.

B. In order to test the signal with selected hardware, we need to transmit the signal over the air. This will allow us to prove the concept and test hardware.

C. Transmitting over available frequencies present a couple problems. First, the power that is needed to transmit throughout the office s greater than what is possible without a license. Secondly, we are able to transmit at just about any frequency (we prefer ISM band), but we would like to avoid 2.4 GHz as we have other offices here that require the interenet.