

Attachment to Application for New Radio Station (Experimental Radio Service)

FRN: 0022171762

Contact: Dr. John T. Brassil (609)802-4374 [jack.brassil@hp.com](mailto:jack.brassil@hp.com)

- a. A description of the nature of the research project being conducted.

Research investigation of in-building localization/positioning of UEs connected to low-power enterprise 3G-based enterprise radio access network.

- b. A showing that the communications facilities requested are necessary for the research project.

Low-power indoor enterprise radio access network (SpiderCloud Wireless, Inc) installation required for research experimentation in determining position of UE in-building.

- c. A showing that existing communications facilities are inadequate.

No existing low-power indoor enterprise radio access network is in operation today at site (1501 Page Mill Road, Palo Alto, CA).