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Form 442 Question 7: Experimentation Description

- a. **Proposed experimentation:** SpiderCloud Wireless, Inc, a startup corporation based in San Jose, CA is engaged in design of 3G /4G Femto cell wireless products for enterprise applications. SpiderCloud Wireless recently started a test office in San Diego, CA and would like to radiate/test at its branch office facilities located 16870, West Bernardo Dr, Suite 400, San Diego, CA 92127. The equipment will be compliant to 3GPP specifications for WCDMA Band 2 and LTE Band 4.
- b. **Objective:** To test multiple vendor portable equipment interoperating with the femto cell base station under development.
- c. **Contribution:** Indoor femto cells have the potential to offload local voice and/or data traffic from the outdoor macro cellular system. Work will be done to test and optimize operation of the femto cell system to provide higher speed data than previously available.