

File Number: 0194-EX-CN-2017

FRN: 0019587807

Submitted by: Srinivas Bokka, Sr. RF Engineer, SpiderCloud Wireless, Inc.

Date: Mar 21, 2017

Form 442 Question 7: Experimentation Description

- a. **Proposed experimentation:** SpiderCloud Wireless, Inc, a startup corporation based in San Jose, CA engaged in design of 4G Femtocell wireless products for enterprise applications and would like to radiate/test at its branch facilities located 10875 Rancho Bernardo Rd, San Diego, CA 92127. The equipment will be compliant to 3GPP specifications for LTE (TDD) B41.
- 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.