

File Number: 0176-EX-CN-2016

FRN: 0019587807

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Date: October 25, 2016

Form 442 Question 7: Experimentation Description

- a. **Proposed experimentation:** SpiderCloud Wireless, Inc, a startup corporation based in Milpitas, CA engaged in design of 3G/4G Femtocell wireless products for enterprise applications and would like to radiate/test at its facilities located 475 Sycamore Dr, Milpitas, CA 95035. The equipment will be radiating in 5 GHz spectrum inside the building.
- b. **Objective:** To test LTE-u operation inside the building as a SDL and to see the effect in a Wi-Fi environment (Coexistence tests)
- 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.