

File Number: 1197-EX-CN-2022

FRN: 0019587807

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

Date: Oct, 20, 2022

Form 442 Question 7: Experimentation Description

- a. **Proposed experimentation:** SpiderCloud Wireless, Inc. (“SpiderCloud”), based in Milpitas, CA, is a subsidiary of Corning Incorporated (“Corning”). SpiderCloud/Corning is engaged in the design of 4G/5G Femtocell wireless products for enterprise applications. Corning would like to radiate/test at its QA test facilities located at 5940 Optical Way, Fort Worth, Tx 76244. The equipment will be compliant to 3GPP specifications for 5G NR in band n77 (FR1) and operating in 3.8 – 3.98 GHz.
- 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.

Form 442 Question 14: Terminations and Dismissals

While neither SpiderCloud Wireless, Inc. nor its parent Corning Incorporated has had any FCC station license or permit revoked or any application for permit, license, or renewal denied by this Commission, those companies and Corning’s subsidiaries have had licenses terminated or applications dismissed. Those licenses and applications are as follows:

Licensee	FRN/File No.	Call Sign	Status	Action Date
Corning Incorporated	FRN: 0008692139	KA81410	License Terminated	11/25/2002
Corning Cable Systems LLC	FRN: 0001932623	45SC	License Terminated	2/13/2003
Corning Incorporated	FRN: 0008692139	WNYQ811	License Terminated	6/10/2004
Corning Incorporated	FRN: 0008692139	WPJH808	License Terminated	6/10/2004
Corning Incorporated	FRN: 0008692139	WNZK971	License Terminated	12/10/2004
Corning Incorporated	FRN: 0008692139 File No.: 0001978368	WPGE700	Application Dismissed	12/21/2004
Corning Incorporated	FRN: 0008692139 File No.: 0004862602	WPTF566	Application Dismissed	9/3/2011

Hemlock Semiconductor Corporation	FRN: 0002762250 File No.: 0005121664	KWC943	Application Dismissed	5/4/2012
SpiderCloud Wireless, Inc.	File No.: 0377-EX-PL-2012	WG2XHV	Application Dismissed	9/23/2012
SpiderCloud Wireless, Inc.	File No.: 0611-EX-PL-2014	N/A	Application Dismissed	8/13/2014
SpiderCloud Wireless, Inc.	File No.: 0200-EX-CN-2016	WI2XQQ	Application Dismissed	4/18/2016
SpiderCloud Wireless, Inc.	File No.: 0193-EX-CN-2017	WI2XUP	Application Dismissed	5/1/2017
SpiderCloud Wireless, Inc.	File No.: 0284-EX-CN-2017	WI2XXS	Application Dismissed	5/23/2017
SpiderCloud Wireless, Inc.	File No.: 0195-EX-CN-2017	WI2XUR	Application Dismissed	6/26/2017