

C Squared Systems, LLC
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East Kingston, NH 03827
603-770-3143



APPLICATION FOR NEW EXPERIMENTAL RADIO LICENSE (Form 442)

EXHIBIT 1

1. APPLICANT:

C Squared Systems, LLC (“*C Squared*”) is a consulting & contracting firm that provides engineering and testing services to companies servicing the wireless industry, such as antenna tower constructors and wireless carriers.

As municipalities often require actual drive test data to support computer modeling before granting construction permits, *C Squared* is seeking a FCC Experimental License to perform pre-construction transmission and reception testing.

2. PURPOSE:

Within the scope of the requested Experimental License, *C Squared* will perform RF transmission and drive-test reception tests to obtain real-life radio propagation data for the locations requested by *C Squared*’s clients. These tests will typically be in the Cellular and PCS frequency bands.

Occasionally, *C Squared* also tests locations for propagation in the 30-50 MHz, 150-160 MHz and 450-470 MHz ranges, to assist municipal authorities in accessing the viability of radio propagation on their licensed frequencies.

3. LOCATION:

C Squared expects all test locations to be east of the Mississippi River, with the majority of tests to be in the northeastern states (Vermont, New Hampshire, Maine, Rhode Island, Massachusetts, and Connecticut).

Since a specific frequency and location can not be specified, *C Squared* understands its responsibility to notify the FCC for each and every proposed test. Within the notice will be the location(s) to be tested, as well as the coordinated frequency that will be used and the time frame for said test. In every case, under the license requested herein, *C Squared* will coordinate the usage of a test frequency on a non-interfering basis with all carriers within a 75-mile range of the proposed location.

C Squared’s clients will provide other logistical support, including, but not limited to, a test support structure, FAA clearance (as required), rigging of test antenna and cabling, proper notice to local authorities and land owners (as required), and restoration to the property used to its agreed upon status.