

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Subject: Narrative for Confirmation Number: EL772049 // File Number: 0115-EX-PL-2014

To Whom It May Concern:

Pursuant to the provisions of Form 442 "New License", here is the required experimentation description to satisfy question 7.

From form 442:

7. If all the answers to Items 4, 5, 6 are "NO", include as an exhibit a narrative statement describing in detail the following items:

a. The complete program of research and experimentation proposed including description of equipment and theory of operation.

Response: Our Company designs and manufactures radio modules for operation in the non-licensed short-range device (SRD) bands, based on transceivers ICs manufactured by Texas Instruments (CC1101, CC110L, CC2500, CC2530, others). The devices are low power (transmitting just a few hundred feet at powers <20 dBm), and are FCC certified as part of the release process. Information on our family of modules may be found at:

<http://www.anaren.com/air>

b. The specific objectives sought to be accomplished.

Response: Tests during development are performed either through direct connection to a network analyzer or within an anechoic chamber, however occasionally we would like to perform indoor or outdoor "range testing" to validate the analyzer and chamber results. Operation of devices under the experimental license will be sporadic, perhaps less than 10 times per year at a duration of <30 minutes per event.

c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

Response: Range testing is an excellent way to provide immediate and clear verification that a radio module's design is functioning correctly.

Please contact me if additional information is required.

Best Regards



Kurt A. Richardson
Product Line Manager
Anaren Microwave, Inc.
March 31, 2014