

**From:** Anthony Serafini <Anthony.Serafini@fcc.gov>  
**Sent:** Friday, March 07, 2014 11:52  
**To:** Kurt A. Richardson  
**Subject:** RE: OET Experimental Licensing Branch Notification

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**Categories:** 00 HIGH PRIORITY

Hello

You can list the emission designator in the data as XXX and explain in the text that you are requesting multiple emissions.

Regards  
Tony

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**From:** Kurt A. Richardson [mailto:KRichardson@anaren.com]  
**Sent:** Tuesday, March 04, 2014 3:46 PM  
**To:** Anthony Serafini  
**Subject:** FW: OET Experimental Licensing Branch Notification

Hi Anthony,

I received your email today regarding our pending experimental license application, and have a quick question before I submit the response through the OET website.

We are a designer of wireless modules which are FCC certified for use in the non-license ISM bands (433 MHz, 915 MHz, 2400 MHz). Our devices are low power transmitting just a few hundred feet (<20 dBm), and tests during development are performed either through direct connection to a network analyzer or within an anechoic chamber.

Occasionally we would like to perform indoor or outdoor "range testing" to validate the analyzer and chamber results, which is why we are applying for an "experimental license". 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.

The transceivers within our modules (manufactured by TI) are capable of multiple modulation schemes (GFSK, 2FSK, 4FSK, QPSK, etc.), and during the course of a given verification we may want to test more than one modulation scheme.

My question is how this should be listed on the experimental license application. Should I include a separate emissions designator for each and every known modulation scheme, or is there a simpler preferred method? Also knowing that new modulation schemes may be introduced on future devices, would the experimental license need to be amended with new modulations, and if so is there a straightforward way to do that?

Appreciate any guidance you can provide, thanks.

Best Regards,

Kurt Richardson  
Product Line Manager  
Anaren Microwave, Inc.  
<http://www.anaren.com>  
Phone: 315-362-0408

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**From:** [oetech@fccsun27w.fcc.gov](mailto:oetech@fccsun27w.fcc.gov) [<mailto:oetech@fccsun27w.fcc.gov>]  
**Sent:** Tuesday, March 04, 2014 10:32  
**To:** Kurt A. Richardson  
**Subject:** OET Experimental Licensing Branch Notification



**Office of Engineering and Technology**

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Kurt Richardson, Anaren Microwave, Inc.

To:

[krichardson@anaren.com](mailto:krichardson@anaren.com)

From:

Anthony Serafini

[Anthony.Serafini@fcc.gov](mailto:Anthony.Serafini@fcc.gov)

Applicant:

Anaren Microwave, Inc.

File Number:

0115-EX-PL-2014

Correspondence Reference Number:

23133

Date of Original Email:

03/04/2014

Please address the following for your application:

1. Provide a narrative description of your test
2. Review the data to ensure all frequencies include the emission data
3. Ensure that the application fee is submitted.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of 03/04/2014 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet by visiting [The OET Experimental Licensing System](#), followed by clicking on the "Reply to Correspondence" hyperlink.

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