

OET Review

Anthony Serafini

From: James Burtle
Sent: Friday, December 01, 2006 4:26 PM
To: Anthony Serafini
Subject: FW: Experimental License: File Number 0566-EX-PL-2006

OK by
John Reed

*** Non-Public: For Internal Use Only ***

From: Robert Watson [mailto:rwatson@ampyna.com]
Sent: Friday, December 01, 2006 4:14 PM
To: James Burtle
Subject: Experimental License: File Number 0566-EX-PL-2006

Mr. Burtle ---

RE: Experimental License: File Number 0566-EX-PL-2006

We received the referenced Experimental License yesterday and will start testing on 4 December; however, one parameter of the license will not allow us to fully test the system. We would like to modify that part of the authorization and request your advice on how to proceed.

The problem is the power level authorized by the license. Our system uses a conducted power of 630 mW through an 8 dB gain antenna to achieve an Effective Radiated Power of 4,000 mW. In our application we erroneously inputted the conducted power instead of the ERP and the subsequent license addresses an "Authorized Power 630 mW (ERP)" for all six test sites. We would like change this to "4,000 mW (ERP)" which remains compliant with the technical parameters of Section 15.247 of the FCC rules.

Many parts of the system can be tested at the lower power level, but range performance of our design – which is a critical parameter - requires testing at the higher level. We plan to start testing next week at a reduced conducted power level to meet the current authorization, and hope that we can receive authorization to operate at the higher level later in the week. I would appreciate your advice on how we to obtain the revised authorization.

Regards, *RB or DB:*

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15.247 → ERP

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12/12/2006