

Scott McCutchan

From: Scott McCutchan [scott@celectronics.com]
Sent: Tuesday, November 27, 2007 3:21 PM
To: 'rey@celectronics.com'
Cc: 'ruby@celectronics.com'
Subject: FCC ID: RJE190075-00 (revised)

Mr. Ramirez:

In order for processing of this certification application () to continue, the following issue(s) will have to be addressed:

- 1) The data sheets for the fundamental emission show that Quasi-Peak measurements were made. As per section 15.239(b), the limits are based on measurement instrumentation employing an average detector. Please submit average measurement data.
- 2) There are no data sheets for frequencies below 30 MHz, and above 1 GHz.
- 3) On both the upper and lower band-edge plots, the amplitudes of the fundamental emissions is much lower than the amplitudes reported on the actual fundamental emission data sheet. There appears to be a discrepancy of up to 8 dB. Please explain this discrepancy, and submit tabular data (as well as plots) for the band-edges as well as the fundamental emission. Keep in mind that the limit outside of the 88-108 MHz band is based on a Quasi-Peak measurement; whereas the fundamental is an Average measurement.
- 4) On the spurious emissions data sheet (page 45 of the pdf), it indicates that the test was performed up to 1 GHz. Measurements are required up the tenth harmonic of the fundamental frequency.
- 5) Section 7.1.2 of the test report indicates that the measurement bandwidth was 120 kHz for 30 MHz to 2 GHz. As per section 4.2 of ANSI C63.4, the measurement bandwidth above 1 GHz must be equal to or greater than 1 MHz.
- 6) On the application form, the incorrect equipment code was used. You used the "DXX" code, but since this device is a transceiver, it should be "DXT". Please correct the form.
- 7) Please submit a letter from the applicant stating that this application has not been submitted to another TCB for certification.

The item(s) indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Please upload responses and/or exhibits to the electronic filing website. Your correspondence number is RJE190075-00-1.

Best regards,

Scott McCutchan
Operations Manager
Compatible Electronics TCB