

August 30, 2006

RE: hField Technologies

FCC ID: UILHFWG10

Please see comments and attachments below regarding the above referenced application.


- 1. Q:** Additionally, how is this device being handled as a PC Peripheral Device? Currently the application only appears for a TX device. Either a DoC or Certification must be done to the PC Peripheral Device. The reason for asking is that the labeling and manual do not appear to be labeled for DoC or include the information on a single page for 2.1077 (responsible party, various DoC info.). Additionally, the current application does not appear to be tested to the minimum configuration as specified for a PC Peripheral Device and positioned as required by ANSI C63.4 for a PC Peripheral test. We must ask as if it is to be certified, it must be done at the same time as the TX. If it is DoC'd, we prefer to include appropriate labeling/manual information when possible, but at least need to properly understand the approval to move forward. Please comment.

A: It is requested that the PC Peripheral Device also be certified. Please see file named ATCB_Application_Form_Revised.pdf.
The Part 15, Subpart B, Class B testing has been reperformed in strict accordance with ANSI C63.4 (including minimum PC configuration). Please refer to the attached file named Report of Measurements Revised.pdf.
- 2. Q:** Limit for > 960 MHz Unintentional emissions appears odd (maybe 10 meter limit). Please explain.

A: The testing has been redone in its entirety. Please refer to Item 1 above.
- 3. Q:** Please explain the correction factor in the new updated radiated data provided. Generally, 2 sets of results (peak with RBW = 1MHz, VBW = 1MHz, and average with RBW = 1MHz, VBW = 10Hz) for peak and average are provided. It is uncertain what this correction factor is. Additionally, the average using VBW of 10Hz assumes a VBW > 1/ton time if the TX is pulsing. Note compliance to both peak and average are required to be shown. It is uncertain from the data provided what is peak and what is average data. It is uncertain what this correction factor is. It is also uncertain if both peak and average limits are met for each appropriate detector. Please explain.

A: A full set of data showing both Peak and Average measurements is attached as Spurious Radiated Measurement Amd 2.pdf.
- 4. Q:** There should be data, plots, or enough information to support compliance of the 74 and 54 dBµV/m limits at 2483.5 MHz restricted band bandedge (and preferably 2390 RB as well).

A: Radiated band edge measurements have been performed at 2390 and 2483.5 MHz. Please refer to file named Band Edge Radiated Emissions Measurements.pdf.



Richard J. Reitz
Corporate Laboratory Manager
rreitz@retlif.com
Phone: 631-737-1500 x 28
Fax: 631-737-1497