1) The FRN Number provided (0007-0503-05) had the following error when searched on the FCC Database: "The FRN is Inactive. Please Contact CORES administrator". Please note that we must have a valid FRN number in order to process the application. Please explain.

R: Please see exhibit "Corrected Eka Hub Form 731.pdf"

2) The EUT block diagram and operational description suggest that the EUT is designed for use attached to an embedded computer, while the EUT was attached to a Hub. Please explain. (also see #3 below)

R: The embedded computer is a specialized product containing Eka System's proprietary software and is part of the overall BlueMeter HUB System. The EUT, containing the RS-232 port, will only be connected to the embedded computer and is designed only to operate with the proprietary software in the embedded computer.

3) Various exhibits mention that the device is to be attached to an embedded computer. Please comment on whether this device should also be considered as Class B or class A peripheral since it is designed with a serial interface. Please note that additional labeling information will be required for Class B DoC authorized peripherals or if the device is considered a Class A peripheral, then justification as to Class A classification should be provided.

R: See response to #2. The EUT was tested to Class B Verification.

4) Please provide a better resolution copy of the label. The wording provided on the label is not easily discernible.

R: Please see exhibit "Improved FCC Label.pdf"

5) The manual should also include the statements of 15.105. Please provide an updated manual.

R: Manual has been updated to include the statement of 15.105. Please see exhibit "Revised Hub Manual.PDF"

6) This device utilizes a blue tooth module. We have been including the attached file with other blue tooth applications since it covers many of the regulatory requirements of 15.247 for compliance parameters that should not change for Blue Tooth devices. Please review and comment if we may include this file with your application.

R: Please include this file with the application.

7) Section 2.1033(b)(5) requires a schematic for the transmitter portion of the product. Eka Systems, Inc. may not have access to this information if the RF module is designed by a different company. Please provide either a schematic for the transmitter portion of

the product, or as an alternative you may provide a parts list that specifies the module as an OEM part provided by another manufacturer.

R: Please see exhibit "Hub Parts List.PDF"

8) The highest output power measured was 11.2 dBm, while the operational description mentions 20 dBm. Please explain this discrepancy.

R: The output power was listed incorrectly in the Operational Description. The Operational Description has been updated and lists the power as <12dBm.

9) Please confirm the instrumentation settings used during the power spectral density test.

R: The test report has been amended to include the instrumentation settings used for the power spectral density measurement. Please see exhibits "Revised Test Report Part…".pdf

10) Please provide a sample calculation for Section 4.5 of the test report.

R: The test report has been amended to include the sample calculation. Please see exhibits "Revised Test Report Part…".pdf

11) The test procedure 4.5.1 states a resolution bandwidth of < 10 Hz for average measurements above 1 GHz. The VBW should actually be 10 Hz. Please comment on the VBW used.

R: A video bandwidth of 10Hz was used to make the measurements. The test report has been corrected. Please see exhibits "Revised Test Report Part…".pdf

12) For spurious emissions, please explain if the EUT was hop-stopped. Also please explain if the transmitter for purposes of this test set to a CW signal, or was there a duty cycle associated with the TX carrier during these tests?

R: Hopping was stopped during spurious emissions testing. The test report has been updated to include the configuration used during spurious emissions testing. Please see exhibits "Revised Test Report Part…".pdf

13) Blue Tooth devices are classified as a hybrid spread spectrum device and require the processing gain as specified by 15.247(f). Please note that this requirement will be removed in the next few days when the Report and Order is published in the Federal Register (see http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-02-151A1.pdf).

R: Processing gain was not uploaded for this reason. We expect this will be published by the time the application will be uploaded.