

03/21/02

Mr. Dan Baltzell
Rheintech

In reference to FCC ID: 06YUTS-600FSU

Mr. Baltzell

Upon completion of preliminary review of the application for FCC ID: LX8766E, there are several issues that must be addressed before the application can be granted by ATCB.

Please address each issue below.

- 1) Please provide a corrected 731 form with the correct operating frequency listed.

Corrected

- 2) Page one of the test report states the operation frequency is 1896.65 – 1909.95, however the test data indicates the system operate between 1893.65 – 1909.95 MHz, please explain difference.

Incorrect report filed, corrections made.

- 3) The manual states that there are three antennas available, including a patch antenna with a maximum gain of 14dBi. The MPE calculations however were only done with the 10dBi gain antenna. Please provide RF Exposure data for all the available antennas

RF exposure added for a 2 dBi antenna, 14 dBi antenna not used.

- 4) The RF Exposure calculations were done based on duty cycle of 12.8%, this will be reflected in the grant notes that the maximum duty cycle allowed will be 12.8%.

Noted.

- 5) Please provide information on how the manufacturer will limit the duty cycle of this system to 12.8% maximum if the system can operate at greater than 12.8% duty cycle or provide MPE study with the transmitter operating at the maximum duty cycle allowed or 100% if such operation is possible.

Firmware control, additional data submitted with 100% operation.

- 6) There is no data in the test report that supports the 14dBi patch antenna listed in the manual, please provide a set of data with this antenna.

Deleted from users manual as well as correction to 10nW to 10mW power on last page.

Noye: Dan, Missy – there are a couple of things I need to verify with Bill so there may be an additional question or two on Monday morning.

Regards

David A. Case NCE
Examining Engineer
<mailto:dcase@AmericanTCB.com>

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination.

Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.