



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

September 7, 2004

RE: Sato Corporation

FCC ID: MMFM8485SE

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Please provide a external photograph exhibit of sufficient detail to show the outside of the device being approved.
- 2) Part of the internal photographs was uploaded as confidential. Note that internal photographs are not typically allowed to be considered confidential. Additionally, the confidentiality letter did not appear to ask for confidentiality on this. Please explain or provide further detail as necessary.
- 3) The device is labeled with a DoC mark consistent with Class B PC peripherals. Additionally, the users manual page 2 mentions Class B. However, the device cautions against using in a residential environment because it may cause interference. It appears that the Class A users manual statements were placed in the users manual, except they were labeled with Class B. Is this Class A or Class B. This will affect the labeling of the device and statements required in the users manual. Please explain and correct all necessary exhibits.
- 4) Application for FCC ID: MMFCL4XXE appears to use the same module as this application, however there appears to be difference of conducted power between the 2 application. Please explain.
- 5) The RF exposure information in the users manual appears to be missing the prohibition against co-location statements that are required as well.
- 6) Please explain how average measurements were made. It is assumed that the device was in a 100% CW carrier for purposes of the test. However a large difference exists between peak and average measurements which suggests otherwise. Since this device has a narrow bandwidth it would be expected that the adjustment of the VBW would normally not show much difference. Note that calculations based upon worse case dwell time per frequency are typically used to correct for average measurements. Note that calculations of the timing diagrams provided would also suggest that a VBW of > 100 Hz or more would be necessary for any average measurements made should the device be OOK modulation during the test.
- 7) FYI.....Average time of occupancy according the Part 15.247 for 902-928 MHz with > 250 kHz hopping channel is based on 10 seconds, not 20 seconds.
- 8) FYI.....The DoC in the users manual must show a United States responsible party according to 2.1077

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Examining Engineer

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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](http://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.