

02/02/02

In reference to FCC ID: P2JTCSS

Mr. Sahni

Upon completion of review of your application for FCC ID, P2JTCSS there are several items that need to be addressed.

Please address each issue below.

- 1) Please provide letters requesting confidentiality for the block diagram, schematic, and theory of operation. The FCC will not allow us to seek confidentiality for the manual, please remove any confidential information in the manual and re submit.
- 2) It appears that the item being certified is a computer card installed that can be installed in a typical machine, hence for testing the card should either be tested on a extender card or with the most of the shielding from the host computer removed, as per 15.32 of the FCC rules, please verify this was done.
- 3) Please verify that this device only operates at 50 MHz for the main clock, if it operates at frequency above 108 MHz, please provide data up to at least the 10th harmonic of the processor operating speed.
- 4) Please also verify how the requirements as stated in 15.102(a) for marketing such equipment be met. This information needs to be in the manual. Please include the complete FCC statements in the manual. Te report references that at least 10db of additional shielding was observed with the cabinet cover closed, this indicates that additional information on shielding must be placed in the manual per 15.102 requirements.
- 5) The manual should include all the required FCC information per 15..21 including warnings about unauthorized modifications.
- 6) Addressing the report, the data shown reflects several signals that appear to be out of limits. If these are ambient signals they should not be listed. Please provide me with at least 6 data points from 30 MHz to 1000 MHz data you provided that are below the limit and are from the computer system in general with the covered removed.
- 7) The test data indicates both Class A and Class B data,, for certification we only deal with Class B, please remove all Class A testing data from the report. Or place it in an appendix for reference only.
- 8) It is not clear if the data is in peak or quasi peak. Please verify which detector was used.
- 9) Please provide plots of the line conducted and test data below 30 MHz on the system. Since this device is plugged into a computer that operates off 110 or 220V, it must be verified that the systems still operates in accordance with the Part 15 rules.
- 10) Please provide the required statements from the applicant on the drug free policy as required.
- 11) Please provide the FRN number for the applicant so we can upload the application to the FCC
- 12) We have converted your photos from JPEG to Adobe – please submit these in adobe acrobat format in the future.
- 13) Please provide a complete set up photos of both the line conducted test as well as radiated test (both front and back shots) as well as set up drawing of both.
- 14) Provide a list of the peripherals used and their FCC ID numbers for this filing.
- 15) The report references that it was tested in compliance with Part 15 of the FCC rules, please confirm it was tested in accordance to ANSI C63.4 ,

We will grant the application upon providing the requested information.

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.