



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

May 4, 2002

RE: Sony Corporation

FCC ID: AK8PCWAC150S

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

- 1) The EUT supports diversity. Is the diversity used for receive only, or does it also function for the transmit path? If it does function for the transmit path, was a specific test methodology or engineering judgement made for purposes of determining which antenna path was selected for testing.
- 2) The 2 internal photographs provided are too dark and the resolution is lower than desired. Please provide new internal photos.
- 3) Please provide more detail regarding the antenna (type, connectors, etc.).
- 4) The EUT makes use of an external antenna connector and antenna (see photographs). The only antenna that will be approved with this product is the one documented in the filing. For any antennas that have not been approved the Grantee will have to file a Class II permissive change to approve with the new antenna. However due to MPE issues and concerns, depending on the antenna, it may require a separate ID number. Currently, the device with any other antennas other than the one mentioned in the filing will be considered unauthorized equipment. The Grant will be conditional on acceptance of these terms. Please comment.
- 5) There were a few files uploaded as confidential, but a letter requesting confidentiality (which specified which items) was not submitted. Please comment.
- 6) Please make the recommended changes to the MPE exhibit as discussed in my email.
- 7) The antenna gain listed on page 5 of 14 of the test report states the antenna gain is -3.6 dBi gain. The MPE exhibit states +1.0 dBi. Which is correct. This information must be consistent throughout all documentation provided. Please correct the affected exhibits, being sure to recalculate the MPE if this is affected.
- 8) The highest output power (conducted) measured was 14.9 dBm (31 mW). Please correct the 731 form (this should list the maximum conducted power).

Timothy R. Johnson
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 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.