



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

January 2, 2007

RE: Speck Products

FCC ID: UWA-IPMDOCK

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

- 1) According to recent FCC interpretations, the confidentiality letter must be signed by either the contact given on the FCC site for the applicant, or someone listed in the technical or non-technical portions of the 731 form. Kelly Shang does not appear to be listed on the FCC site as the appropriate contact (FCC site shows Bill Welch). Please help correct the cover letters as necessary.
- 2) This device does not appear to connect directly to a PC or any of the other items that require a DoC under 15.101. The FCC logo should be removed if it is not properly utilized under FCC rules. Note the test report page 4 also states a DoC Report was issued but it is uncertain what type of device under 15.101 was tested.
- 3) The device appears to have 3 additional antenna ports, but it did not appear that the internal photographs show an antenna utilizing any of these ports. Kindly explain, show and/or label the antenna(s) utilized by this device. Note the operational description mentions an internal antenna.
- 4) While the bandwidth test measured using 1 kHz provides good information, the FCC has also been requesting using a typical audio file (music) during the bandwidth test. Please provide.
- 5) For purposes of all the tests, please document the type of input and the drive level used from the host device (i.e IPOD) and the user controllable features. The FCC expects any adjustments from both the host and the device itself to be set to maximum input and output levels. Please correct as necessary.
- 6) Due to the nature of this device, it should have been tested in all 3 axis to obtain worse case. Test data does not support that this was performed. Please review.
- 7) Please provide information (Note FCC asks lab to perform a test, not simply state users manual or operational description information) to explain the absolute lowest and highest TX frequencies for each band available in the device. Note that currently the FCC is asking that the test lab report the minimum/maximum channels that the tuning controls were manually capable of adjustment to in effort to verify maximum tuning range and not simply a manufacturer explanation. Please have report updated for this.
- 8) Because of the FCC's "Permit But Ask" procedures for 15.239 devices, we are now required to submit a certain amount of information to the FCC separately from information already provided in the application. Even if this information may be found within certain exhibits, the FCC requires that we submit the following information in a separate file as part of the "Permit But Ask" procedure. To get this part of the process going, please provide a separate file that provides answers to the following information AS SOON AS POSSIBLE:
 - i. Describe the operation of the device.
 - ii. Provide information on the device and its antenna.
 - iii. How is it installed?
 - iv. Describe the test procedure used. (OAT's, In situ, etc.)
 - v. If tested in a car, describe how was it configured and tested.
 - vi. At the present time, FM transmitters (subject to 15.239) tested in vehicles must also be tested on a test table. Provide both sets of data. All data must be compliant.

- vii. Was the tuning range properly verified? The test lab should indicate in the report that the tuning controls were manually adjusted to verify maximum tuning range.
- viii. Was the bandwidth properly tested with maximum audio input?
- ix. Use a typical audio file from a typical device. e.g. do not use a 1 kHz signal from a signal generator.
- x. Provide the test report showing compliance with the rules.

Note: We are required to submit this information to the FCC prior to approving. In the past we have already attempted to submit a short set of answers to this that referenced the manual, block diagram or other documents. However the FCC has insisted that this be a separate response which summarizes the question with a direct answer to each question. Please provide.

- 9) FYI..... Please note that since we are required to work with the FCC prior to granting 15.239 devices that this creates a delay issuing these grants which is beyond our control. We must receive a certain amount of response and approval from the FCC PRIOR to issuing the grant. Therefore even if the review is complete, there may be a delay in issuing the grant that is beyond our control. While we will work to minimize the delay, please note that we are at the mercy of the FCC for some delays.



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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 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.