



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

September 8, 2003

RE: Polymap Wireless LLC

FCC ID: QYPPWR0701

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

- 1) Photos are not normally held confidential. Justification must be provided to hold photographs as confidential. Justification could include: (1) special tools required to open the case, (2) the circuitry may be potted or covered in epoxy, (3) the company professionally installs the product and it is not directly viewable by the public during use or after use, and (4) the product may involve new technology. Trade secret is not sufficient justification. New technology, if it is documented, can be justification for holding photos as confidential, but for example, a basic FM transmitter is not new technology. Please provide an updated letter of confidentiality that justifies why the antenna photographs should be held as confidential, or as an alternative, you may use a black marker to "black out" the top of any readable components and provide new internal photographs. Please let us know how you wish to proceed with this issue.
- 2) This application appears to support the request of a modular approval. However, modular approvals are required to provide a modular request letter that addresses the items given in the public notice regarding these approvals (see attachment). Please provide.
- 3) Please provide photographs for the external photograph exhibit (i.e. with shield installed).
- 4) Use of the FCC logo is restricted to certain types of devices (RX < 960 MHz, TV interface devices, Class B PC peripheral, certain P18 devices, etc). As a module, this device does not appear to meet any of these requirements. Additionally, if it is integrated into any other equipment, the manufacturer of that equipment is expected to retest their equipment for any digital device emissions which cover the requirements listed above. Please explain or remove the FCC logo from the labeling.
- 5) Please provide information regarding the RBW and VBW settings used for radiated emissions measurements.
- 6) This application is asking for a modular approval. Additionally, the device may be powered by battery or an AC adapter. It also appears that AC conducted emissions were performed given the report, however AC powerline conducted emissions results were not provided. Please provide this information in order to show compliance with 15.207.
- 7) The summary of output power results provided on the bottom of pages 5 & 6 do not appear to match the results above them. Additionally, it appears that the substitution method was applied for power measurements. Note that the FCC has specified in their guidance document that measurements and far field calculations are preferred. However if the TX antenna gain is not know or possibly in question, the use of the substitution method is adequately justified. Please comment.
- 8) Page 7 shows one result with a limit of 75.0. I believe this should be 74.0. Note that the results provided is calculated for 75.0 and may require correcting as well.
- 9) Page 11 of the test report appears to show that 78 channels were measured, while other portions of the report state 79 channels. Please explain.

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- 10) The main users guide shows a DoC compliance statement. The use of the DoC process is restricted to certain types of devices (RX < 960 MHz, TV interface devices, Class B PC peripheral, certain P18 devices, etc). It is uncertain how either part of the system (module or access point) may require this authorization. Please explain or remove the DoC information from the manual.



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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.