



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

September 10, 2007

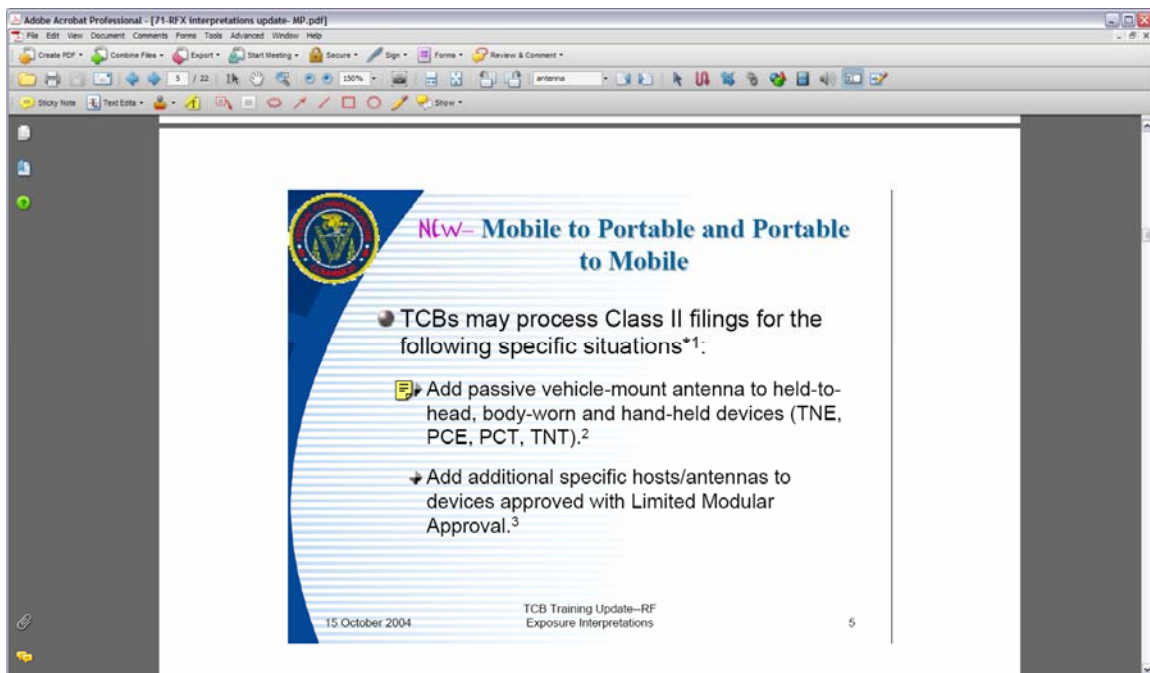
RE: Airo Wireless Media, Inc.

FCC ID: QDLA25TVVJ

After a review of the submitted information, I have a few comments on the above referenced Application. Depending on your responses, kindly understand there may be additional comments.

It seems some confusing information uploaded 9/3 that contradicts information provided on 8/24

- 1) Previous response to item 5 would be acceptable if this was only intended for the factory as you cite. However users manual pages page 1 (item 14) and page 10 clearly identifies this as an external antenna connector which appears to be intended for the user. The concern is that use of this antenna would require evaluation of appropriate ERP and EIRP power measurements, MPE, and even possible evaluation of spurious emissions as given in FCC training from October 2004. This comes from the fact that the power must be listed as ERP and EIRP. Therefore the external antenna will have an effect on this measurement. See below.

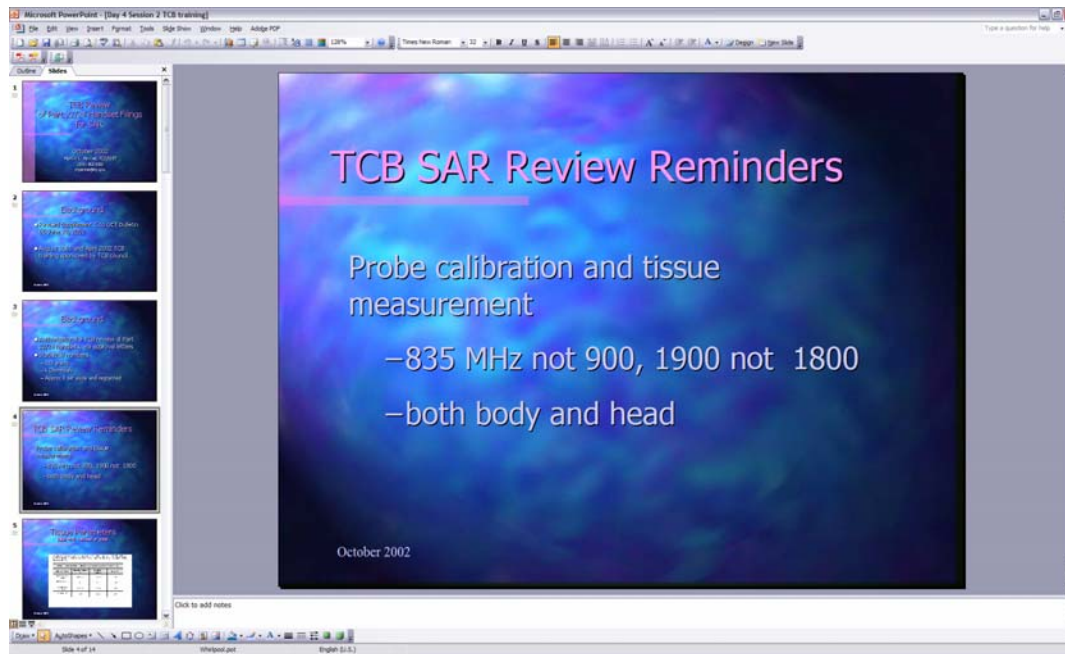


Note 2: For Part 22/24 (and other devices with radiated power on grant line-item) a new Form731 line-item with applicable/measured radiated power should be included. MPE evaluation should be provided if applicable (routine evaluation). Alternatively provide MPE calculation and corresponding radiated power limitations to meet the exclusion levels of 2.1091. Appropriate grant comments should be included, with clear distinction between mobile and portable applicability conditions.

- 2) Additional ERP and EIRP data just provided for issue 3 appears to be labeled for GPRS mode despite the fact that we requested EDGE data. Note that the FCC is interested in GSM and EDGE. Generally GPRS is the same modulation as GSM with a change of duty factor and is therefore not a concern to be remeasured. The FCC requires EDGE to be listed separately since it is a different modulation. It still appears that EDGE data has not been provided – but is the data that is necessary.
- 3) Please explain the answer to the following previous SAR questions which could not be located in the documents provided.

PREVIOUS SAR COMMENTS:

- 19) Tissue dielectric parameters and probe factors must be measured at mid band frequencies (i.e. 835 MHz). See below....It is also uncertain if the probe factors of +/- 50 MHz or +/- 100 MHz apply under the calibration certificate given the note given.



- 20) Please explain if this device can send data while voice mode is active. If so, then GPRS mode would be required to be tested at the head level as well.
- 21) ....<Report was updated for this>
- 22) Permittivity and conductivity of Dipole validation is expected to be within 5% of the values used during the original dipole calibration. Some values exceed this.
- 23) SAR report appears to be missing:
  - a) Descriptions of coarse area scan procedures, including grid size, area shape and size
  - b) Descriptions of interpolation procedures used to locate peak SARs at a finer spatial resolution
  - c) Descriptions of high-resolution cube volume or “zoom” scan procedures used for local scan; list measurement and interpolation resolutions
  - d) Descriptions of extrapolation procedures used to estimate SAR values adjacent to phantom surface (unreachable due to probe case and boundary effects)
  - e) Descriptions of within-cube interpolation procedures to get 1 mm or 2 mm SAR grid
  - f) Description of averaging (integration) procedures to get 1-g SAR from final interpolated grid
  - g) Report does not defined if the device is a production unit or identical prototype.
  - h) Describes the positioning procedures used to evaluate the highest exposure expected under normal operating configurations
  - i) <Report was updated for this>

- j) <Information found in report>
  - k) <Information found in report>
- 24) Without Z-axis or other information, the following could not be determined:
- a) Distance between the measurement point (distance + offset) at the probe sensor location (geometric center behind the probe tip) and the phantom surface is < 8.0 mm and maintained at a constant distance of +/- 1.0 mm during an area scan to determine peak SAR locations
  - b) <Information found in report>
  - c) <Information found in report>



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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.