



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

July 15, 2003

RE: Handspring Inc.

FCC ID: O8FDK

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

General

- 1) Please provide internal and external photograph exhibits.
- 2) Please provide a users manual for this application.
- 3) Please provide a test configuration photograph exhibit.
- 4) Please provide a parts list for this device. If necessary, please update the confidentiality letter.
- 5) FYI. Normally the FCC label includes a colon after the term "FCC ID". For future applications it would be best to apply the preferred formatting of "FCC ID:".
- 6) Information in the artwork for the label appears to show the FCC logo. Please explain if this is being utilized on the device and for what approval it pertains.
- 7) Please provide:
 - a) DC voltages/currents applied into the several elements of the final radio frequency amplifying device for normal operation over the power range
 - b) Tune up procedure over power range
 - c) Description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power.

EMC Report - 800 MHz GSM

- 8) Please correct or add the ERP value for power output to the results in page 7 of 17. Note that the FCC uses ERP for Part 22.
- 9) The low channel block B on page 12 of 31 appears over 700 kHz above the band edge (note the center of the screen is 835.65 MHz and should be 835 MHz). Please confirm if this is the actual lowest channel used in this block. Otherwise please provide a new plot for this bandedge.
- 10) The 99% occupied bandwidth shows a measurement of 235-237 kHz, yet the 731 form shows 1.3 MHz. Please explain. Note that the FCC typically accepts an emissions designator of 300KGXW for GSM device to Part 24E and 22H.
- 11) Please explain the rational for selection of measurements during the radiated spurious emissions via the substitution method for channel 191. It does not appear that the highest measurements were selected for test. For instance, it appears that out of the 4 measurements provided for channel 191 that only 1 of these measurements was in the highest 4 emission measured on page 18 of 31. The higher emissions at 2.5, 5.8, 7.5 GHz do not appear to be measured.
- 12) The frequency stability results for temperature look unusually small (page 29 of 31). Please check results to see if they are actually listed properly and the correct units is given in the table (Hz).
- 13) Please explain the derivation of 0.064 ppm on the 731 form as this does not appear to match the test report (0.064 ppm at 836.867 MHz = 54 Hz drift).
- 14) FYI. As of February 2003, the FCC implemented revisions to Part 22. For future reports, please follow the requirements of these revisions, as it will make reviewing the reports much easier since many section references are different than previously. Attached is a copy of the changes to Part 22.

EMC Report - 1900 MHz GSM

- 15) Please explain the 0.011 ppm listed for 1900 MHz CDMA. It appears from the report this should be 0.669 ppm based on 1240 Hz at 1854 MHz.

--- Continued on Next Page ---

SAR Report

16) The FCC asks that we compare the EMC and SAR power measurements for purposes of ensuring the power during SAR was set to maximum. However the EMC reports only listed ERP and EIRP power measurements while the SAR report included conducted measurements. Please explain how a comparison between the 2 can be shown.



Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@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.