Permissive Change Application
To the
Handspring VisorPhone
FCC Certification
O8FHVP –1H

SAR Tested At:
Aprel Laboratories
51 Spectrum Way
Nepean, Ontario, K2R 1E6
Canada

Test Date:
March 2001

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Unit Under Test:

VisorPhone

Tested For:

Handspring, Inc
189 Bernardo Ave.
Mt View, CA 94043

Tested By:

Aprel Laboratories
51 Spectrum Way
Nepean, Ontario, K2R 1E6
Canada

Test Date:

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Objective:

The objective of this permissive change is to allow use of the Handspring VisorPhone with the newly introduced Handspring Visor Edge.

Background:

Handspring has developed and introduced a new handheld computer to its "Visor" line of handheld computers. This new Visor is marketed as Visor "Edge". The Edge is a thinner version of a current product called the Visor "Platinum". There are three significant differences between Visor Platinum and Visor Edge

1. The Visor Edge is about ½ of the thickness of the Visor Platinum
2. The Visor Edge case is made mostly of aluminum whereas the Platinum case is mostly plastic
3. The Visor Edge has an internal rechargeable Li-On battery whereas the Platinum is powered by 2AAA batteries.

The VisorPhone is a PCS phone module that plugs into Handspring Visors and allows the user to then use this VisorPhone / Visor combination as a PCS phone. The Phone module has already been certified to FCC specification s as well as CE. The Visor Edge is a Class B computing device and has been tested to relevant FCC specification and a DOC has been completed.

It should be pointed out that the VisorPhone module meets the FCC definition of an intentionally radiating module. Of course the VisorPhone module is not a Part 15 device, it does satisfy the FCC's module requirements.

RF shielding: The VisorPhone does not rely on shielding of the host to meet EMC requirements. Indeed, the original intended host is a handheld computer in a plastic case. Hence, the shielding of the Visor Phone is in essence, the only RF shielding. It should be noted that during the original EMC testing of the VisorPhone, it was tested while installed in a host. This was due to a FCC requirement rather than the necessity of "host shielding"

Voltage Regulation: The power supply lines to the VisorPhone are regulated on the VisorPhone module thus providing isolation from the host.

Data I/O: The data lines are buffered to provide isolation from the host.

Antenna: The antenna is captivated and not removable from the host (This is a Part 15 requirement, not a Part 24 requirement, however, the VisorPhone module does also meet this requirement.

Certification Labeling: The VisorPhone module is labeled with its FCC ID

Despite these modular characteristics, it is reasonable to assume that the SAR values previously measured with the thicker plastic case Visor would be different for the new thinner, metal Visor Edge, Handspring went to Aprel Laboratories to perform SAR testing to ensure that the VisorPhone / Visor Edge combination did not exceed the FCC SAR limit.

Test Data:

The SAR report generated by Aprel Laboratories is included.