



**HANWHA CORPORATION**  
**TELECOMMUNICATION DIVISION**

Hanwha Bldg., 111-5, Sokong-dong,  
Chung-ku, Seoul, 100-070, Korea  
Phone: +82 2 589 5607, Fax: +82 2 589 5713

July 18, 2000

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046 U.S.A.

To whom it may concern,

We, the undersigned, hereby authorize Celltech Research Inc., to act on our behalf in all matters relating to applications for equipment authorization, including the signing of all documents relating to these matters. Any and all acts carried out by Celltech Research Inc. on our behalf shall have the same effect as acts of our own.

We also hereby certify that no party to this application is subject to a denial of benefits, including FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21U.S.C. 853(a).

Sincerely,

Wang-kun, Ryu  
Deputy Manager of Mobile Phones R&D Center  
HANWHA Corporation / Telecommunication Division



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## **AFFIDAVIT FOR ESN PROTECTION OF CELLULAR MOBILE TELEPHONES**

We hereby certify that the handheld portable cellular phone ( FCC ID : OCCHWC-3000 ) is so designed that it complies with all the requirements for ESN protection specified in Section 22.919 of the FCC Rules.

- a) The transmitter in service has a unique ESN.
- b) The ESN host component is permanently attached to a main circuit board of the mobile transmitter and the integrity of the unit operating software can not be altered. The ESN is plated from fraudulent contact and tampering. The ESN is encoded using multiplication by a polynomial and ESN data programmed in the memory with other information.
- c) The ESN is factory-set and can not be altered, transferred, removed or otherwise able to be manipulated. Cellular mobile equipment is specifically designed such that any attempt to remove, tamper with, or change the ESN chip, its logic system, or firmware originally programmed by the manufacturer will render the transmitter inoperative.

Sincerely,

*Wang Kun, Ryu*

Wang-kun, Ryu

Dputy Manager of Mobile Phones R&D Center

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**SEP.13, 2000**

**Federal Communications Commission**  
**Equipment Approval Services**  
**7435 Oakland Mills Road**  
**Columbia, MD 21046**

**SUBJECT: HANWHA CORPORATION**

**FCC ID: OCCHWC-3000**

**FCC E911 Requirements Per \$22.921**

Gentlemen:

**Hanwha Corporation** hereby certifies that the analog cellular telephone (FCC ID: OCCHWC-3000), using the Automatic A/B Roaming – Intelligent Retry method, meets the E911 requirements specified in Section 22.921 of the FCC Rules. This procedure recognizes when a “9-1-1” call is made and, at such time, will override any programming in the mobile unit that determines the handling of a non-911 call and permit the call to be handled by other analog carriers.

Should you have any questions or comments concerning the above, please contact the undersigned.

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Chang Lee  
Senior Staff Engineer of R&D Center  
HANWHA Corporation / Telecommunication Division