

## EXHIBIT IDENTIFICATION

<b>Exhibit No.</b>	<b><u>Description</u></b>
<b>A</b>	<b>Need for Experimental License</b>
<b>B</b>	<b>STA Request (Filed separately)</b>
<b>C</b>	<b>Equipment Specifications</b>
<b>D</b>	<b>Anti-Drug Statement</b>
<b>E</b>	<b>Authorization Letter</b>

**EXHIBIT A**  
**SAMSUNG ELECTRONICS (Samsung)**  
**Experimental Research Program**

The applicant, Samsung, is one of the leading manufacturers of cellular equipment. As such, Samsung System is continuing to find new ways to improve their product and respond to the public's needs.

The present cellular system under development, modification and upgrade, is Samsung's hand-held cellular telephone. This system will supply and extend telephone service fast and affordable. The systems have capability of working with any cellular system.

An Experimental License is necessary over the next two (2) years in order to test the product and its development with actual operating systems to demonstrate to the public the various latest features. This gives Samsung an input from the public, the telephone system operators, and the distributors, to make sure the latest and most desirable features are included.

The first use of the Experimental License will occur on August 10, 2000 for client demonstrations. Because of this short time period, an STA request is filed simultaneously with this application.

**EXHIBIT B**  
**ENGINEERING STATEMENT of Norwood J. Patterson**  
**Re EXPERIMENTAL LICENSE and STA for**  
**SAMSUNG ELECTRONICS (Samsung)**

Samsung is, and has been, a leading developer of cellular radios. They are continually upgrading and developing unique, user-friendly radios, hand-held and mobile with dual channels, within their research and development (R&D) departments.

It is a known fact that even with the best R&D departments, nothing can take the place of actual operation in the real world, at different locations, and under a varying set of conditions. Data developed under actual operation in the real world often brings to light modifications, changes, and new techniques, which are then implemented in the final product. It is for these reasons that Samsung needs the Experimental License and the STA as requested herein.


The Samsung radios, after final development, will process an application to the FCC for equipment authorization through our firm, Radio & Tv Engineering Co. Tests will be made to demonstrate that the dual channel radios meets all FCC Rules & Regulations for an equipment authorization to operate within the switched telephone system of cellular radio FCC ¶2 Subpart J and FCC ¶22 Subpart K.

Operation of this system at Trade Shows, at Samsung Sales building, and in the field will offer an exceptional opportunity to get hands-on operation feed back from the public and corporate users. This system is unique, as it is designed to bring dual cellular operation on a single hand-held radio and/or mobile radio.

The system being dual channel, lends itself to use within remote areas prone to natural disasters such as repeated cyclones, tornadoes, floods and earthquakes. Input from users and the general public for this disaster usage is invaluable in the R&D development process.

Samsung continues on the cutting edge of new developments. An STA for the Sales demonstration and a permanent Experimental License for the next two years will serve the public in development of Samsung's input during radio shows and demonstrations, which is invaluable in developing the final product. The operations requested are as outlined in FCC ¶5.152(a) thru (k). A waiver of FCC ¶5.152 is hereby requested (station ID). See Exhibits for technical specifications and product description. Also see Exhibit for Samsung's Anti-Drug Statement.

I do hereby certify that I have prepared the enclosed data and, under penalty of perjury, that data of my own knowledge is correct. As to other information and belief, I believe that information to be true.

  
Norwood J. Patterson

Date 7-31-2000

## **SAMSUNG EQUIPMENT DESCRIPTION**

- 1. Hand Held and Mobile Wireless Telephones**
- 2. Dual Channel:**
  - (a) 824 to 894 mHz**
  - (b) 1930.050 to 1995.080 mHz**
- 3. Transmitter Power Out: 0.6 Watts either channel**
- 4. Dual Mode for both channels:**
  - (a) Voice**
  - (b) Data**
- 5. Antennas:**
  - (a) 22 mm vertical retractable**
  - (b) retractable 22 mm + 80 mm to 102 mm**  
**maximum gain 0 dBi**

**SAMSUNG EX. C**

FROM : PATTCO

PHONE NO. : 8055281996

Aug. 01 2000 08:42AM P3

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AntiDrug, Inc

**CERTIFICATION RE ANTI-DRUG ACT OF 1988**

By checking Yes, the applicant certifies that, in case of an individual applicant, he or she is not subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862, or in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits, that includes FCC benefits, pursuant to that section. For a definition of a "party" for these purposes see 47 C.F.R. 1.2002(b).

☒ Yes☐ NoSAMSUNG ELECTRONICS

Applicant Name (Print)

By Kendra Green - Samsung Electronics

Applicant Signature (Print)

SAMSUNG ELECTRONICS

Kendra Green - Samsung Electronics

Applicant Signature

KENDRA GREEN

Title Wireless Standards EngineerDate 8/1/2000

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SAMSUNG

AMERICA'S

SAMSUNG TELECOMMUNICATIONS AMERICA, INC.  
1120 E. Arapaho Rd.  
Richardson, TX 75081 U.S.A.  
TEL 972-781-7000 FAX 972-781-7001

August 1, 2000

Federal Communications Commission  
FCC Engineering Laboratory  
P.O. Box 40  
Laurel, MD 20810

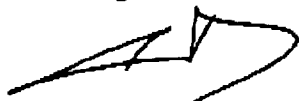
Gentlemen:

This is your letter of authorization to accept our appointment of Norwood J. Patterson as Agent for Samsung Electronics to sign applications on our behalf, to make representations to you on our behalf as agent, and to receive and exchange data between our company and the commission.

This authorization will continue in full force and effect until withdrawn in writing.

Sincerely yours,

Samsung Electronics



Muzibul H. Khan  
Sr. Director of Product Management and Engineering

cc: Norwood J. Patterson

LICENSE APPLICATION

**\* \* \* \* \* END OF REPORT \* \* \* \* \***