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- Sprint.

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Frederick L. Fortuna Director, Core HF Engineering **Sprint PCS**

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Valon 913 800 2676
PCS 913 706 9776
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Pflata01 Ouprisspectrum.com

December, 2002

Mr. Philip Sohn
Senior Manager - Wireless Systems Lab
Samsung Telecommunication America
1130 East Arepaho
Richardson, TX 75081

Dear Mr. Sohn:

Sprint PCS has evaluated Samsung's request to temporarily operate within Sprint PCS' Heensed frequency spectrum. Sprint PCS has set aside frequencies 1878.65 & 1879.90 MHz for mobile transmission and 1958.65 & 1959.90 MHz for bass transmission in PCS frequency block B for temporary utilization by Samsung. Samsung will use these frequencies for the purpose of conducting BTS and handest equipment (the "Equipment") insting and demonstrations. Samsung will obtain all necessary PCC approvals, if any, to use the frequencies as described herein.

Sprint PCS will be permitted by Samsung, at Sprint PCS's request, to evaluate: the operation of the Equipment to determine whether the operation of the Equipment herounder causes harmful interference. It is Samsung's responsibility to operate the equipment within the cell site parameters set forth below. If harmful interference develops to Sprint PCS's operations or the operations of any other party, Samsung shall cease transmissions, and transmissions shall not be resumed until it is certain that harmful interference will not be caused.

Sprint PCS will not be responsible for any harmful interference caused by Samsung. Samsung is responsible for, and it is Samsung's duty to mitigate, any harmful interference it may cause; provided, however, Samsung shall not be responsible for any harmful interference to the extent arising from Sprint PCS' actions or omissions. Samsung and Sprint PCS shall promptly notify each other of any allegations of harmful interference. Sprint PCS retains the right to suspend or revoke the utilization of the frequencies by Samsung at any time, with or without cause.

RF radiation on the assigned carriers will be permitted for a period no longer than six (6) months community on Thursday, December 19, 2002 and ending on Thursday, June 19, 2003. Sameung is to notify the following Sprint PCS employee prior to call activation: Dave Kirk © (913) 890-2519.

The following are acceptable cell site parameters:

- Frequency: PCS B Block; 1878.65/1958.65 & 1879.90/1959.90 MHz
- Channel: 573 & 598
- Location: Richardson, Texas
- Latitude: 32-57-35.8 N
- Longitude: 96-42-25.2 W
- Antenna Height: 30 m [98.43 feet]
- ERP: 55 dBm
- Sectors [3]
- Prequency: PCS B Block; 1878.65/1958.65 & 1879.90/1959.90 MHz
- Channel: 573 ≤ 598
- · Location: Plano, Texas
- Letitude: 33-00-27.8 N
- Longitude: 96-41-32.0 W
- Antenna Height: 10 m [32.81 feet]
- BIRP: 55 dBm
- Sectors: [3]

Please have the authorized person sign and return this letter.

Sincerely.

Frederick L. Portuna

Director, Core RF Engineering

Sprint PCS

Title: SENIOR MANAGER, CHSMING DEVELONIT ENGINEERING