Date: May 16, 1995

Reference: Standards Proposal No. 3388, Proposed New Standard "PCS 1900 MHz IS-136 Based Air Compatibility Standard" (if approved, to be published as J-STD-011)

Company Name: QUALCOMM Incorporated

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Contact Person Regarding Patents and Intellectual Property Matters:

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(Name Printed)

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On behalf of the above company, and being authorized by the company to make such representations, we indicate the following:

QUALCOMM Incorporated (Company Name, hereinafter "company") hereby grants a free, irrevocable license to the Telecommunications Industry Association (TIA) and/or Committee T1 (T1) to incorporate text contained in any company contributions and any modifications thereof in the creation of a TIA and/or T1 Standards publication; to copyright in TIA's and/or T1's name any TIA and/or T1 Standards publication even though it may include portions of the contribution; and at TIA's and/or T1's sole discretion to permit others to reproduce in whole or in part the resulting TIA and/or T1 Standards publication.

With respect to any essential patents held or controlled by the company, pending or anticipated to be filed necessary to implement the above Standard (mark with an X those applicable):

The company states: it does not hold and does not anticipate holding any invention whose use would be required for compliance with the proposed TIA Standard or Interim Standard

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The company states that: (i) A license will be made available without compensation to applicants desiring to utilize the license for the purpose of implementing the standard or

(ii) A license will be made available to applicants under reasonable terms and conditions that are demonstrably free of any unfair discrimination.

Finally,

The company has provided a copy of its licensing terms and conditions along with a statement of the number of independent licensees, if any, which have accepted or indicated acceptance of terms and conditions of the license attached to this form in an envelope sealed by the patent holder for transmittal to ANSI for its review prior to authorizing the publication of the proposed Standard.

NOTE: If not attached, indicate when the envelope will be received at TIA. Indicate the company name and proposed Standard number on the outside. Date due at TIA: September 8, 1995.

Agreed, on behalf of the above Company:

(Signature)

Name (printed): Steven R. Altman

Date: 9/8/95