

# American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

October 23, 2001

RE: SOMA Networks  
FCC ID: POZ-CPE-0140A-000

Please address the following concerns on this Application.

- 1.) All Licensed equipment Applications must have a Parts List. Please upload to the AmericanTCB website.
- 2.) Please provide a conducted RF power output measurement for proper evaluation of RF Exposure criteria.
- 3.) The Form 731 requests a lower frequency range of 1850.5 MHz and an upper range of 1909.5 MHz. Using your reported emission designator, I would expect this 5MHz wide emission to hang over the band edge by 2 MHz. Please resolve.
- 4.) Compliance with the band edge provisions of 24.238(a), (b), and (c) do not seem to be presented as close as possible to 1850 or 1910 MHz. Please note that using the 1% rule for setting your RBW, you can be greater but never less. This means for an emission 5MHz wide the RBW cannot be less than 50KHz.
- 5.) Block Diagrams are not required for any Licensed equipment approval. However, if you desire to submit one it should meet the requirements of 2.1033(b) (5).
- 6.) Please show how you arrived at the 5M00FXW emission designator.
- 7.) Is this device adjustable in power? It is unusual for CDMA equipment to operate with fixed power. If so a minimum power should be specified on Form 731 per 2.1033(c)(6).
- 8.) Please provide tune up information per 2.1033(c)(9). What I am looking for is tune up information for the radio section.
- 9.) Please provide description of digital modulation techniques per 2.1033(c)(13). A statement that W-CDMA is employed is insufficient due to the number of wide CDMA schemes available.
- 10.) Please be aware that the Internal Photographs may not be of sufficient clarity to meet the FCC's expectations. I will accept them, but urge you to obtain larger and clearer photos.



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President and Director of Engineering  
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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.