

American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

January 8, 2004

RE: vARC Systems Inc.

FCC ID: ROE1WTX-2470

I have a few comments on this Application.

1.) The Schematics show several components (coils, potentiometers and capacitors) which are adjustable – even if only during factory assembly. Therefore it is reasonable to assume a Tune Up or adjustment procedure exists. Please provide requested exhibit.

Response: Please refer to the factory-only tune up procedure uploaded with this response.

2.) Please review the necessary bandwidth calculations. Please provide measurement data showing $D = .25$.

Response: We mistakenly submitted an incorrect “D” value with the original application. A supporting document with measurements and calculations is uploaded with this response.

3.) Additional installation instructions and RF Exposure user warnings are required within the Manual. Please review.

Response: This comment is not valid, per your statement during our telephone conversation January 8, 2004.

4.) The final page of the Operational Description seems to indicate that this device may be capable of operation above 650mW. Please note that +30dBm is equal to 1 watt. Is it possible for the RF Pout to be set to a value between 0.65 and 1 watt?

Response: Please refer to the revised operational description uploaded with this response.

William H. Graff
President and Examining Engineer
mailto: whgraff@AmericanTCB.com

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.