

Response to ATCB Comments on application for FCC ID: NN7MT2000T, prepared by Washington Laboratories, Ltd. May 24, 2002. Responses are in ***BOLD ITALIC***.

May 23, 2002

RE:

FCC ID: NN7MT2000T

Attention: Brian Dettling

I have a few comments on this Application.

1 The confidentiality letter has the wrong FCC ID number for this application. Please provide a revised Confidentiality Letter with the correct FCC ID number.

Please see exhibit "Corrected MT1 RFC Letter.pdf"

2 The Operational description of the devices states that the antenna is a "circuit board trace that is located around the edge of the board. It is approximately 4.277" long by 0.025" wide and is matched with an inductor and capacitor to provide maximum allowed power output." However, the Internal Photos show no such trace, but does show a 433-SP2 Linx grounded line planar antenna. Please explain and/or correct the technical description.

Please see exhibit "Revised MT1 Operational Description.pdf". Additionally, a block diagram that more accurately reflects the product has been provided. Please see "Revised MT1 Block Diagram.pdf"

3 In the report (page 10 sec 4.4) you state that for the occupied BW the output of the EUT was coupled to the input of the analyzer. Was this coupling done using a near field probe, direct connection or was it done at 3 meters using an antenna? The reason I ask is that the level is close to the calculated field strength levels only slightly higher. This may be coincidence, but a short explanation of the coupling mechanism will help clarify the similarities in levels. This does not affect the data, it is only for information purposes.

Per Greg Snyder, WLL Chief EMC Engineer: The antenna was randomly placed at a distance closer than three meters to the test item. The actual distance was not documented, as the test was set up to record a bandwidth plot.

Dennis Ward

<mailto:dward@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.