

American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

October 03, 2001

RE: Futaba Corporation
FCC ID: AZPFP-T2PHKA-75

- 1.) I have been struggling with the results of both your Radiated Power Output and Unwanted Radiation tests for several days. Although you quote the method of TIA/EIA-603, I am searching for a way to make sense of the test results presented. In general, for the radiated power test and the radiated spurious emissions test we need to say a specific emission at a specific frequency "looks like" a dipole loaded with a specified amount of power. Please review your test results for clarity and completeness. Be sure each harmonic was maximized. If I am in error please explain.
- 2.) In general for FM systems CFR47 2.202 asks for necessary bandwidth to be based upon the classical equation $2M + 2DK$ where $K=1$. The occupied bandwidth presented does not seem to justify a request for 10K0F3D. Please measure both FM deviation and the modulating frequency and apply to this formula.



William H. Graff
Examining Engineer
President and Director of Engineering
<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.