09/07/2001

Daniel Baltzell
Rhein Tech Labs

In reference to FCC ID: F3JTK14

Mr. Batlzell

Upon completion of review of the Family Service Radio application FCC ID: F3JK14, and the revised report, there are a few more questions

Please address each issue below.

1.) The calculations for Tx spurious appear wrong. Limit is 43 + 10logP
or -13 dBm., Please provide written explanation for results in tables 8-1, 8-2, .
Limit=43+10LogP=39.6dBc for the worst case channel. The Margin (dB) = corrected Signal Generator (dBc)-limit (dBc)

2.) Regardless of the test data in Section 8, devices with non-removable antennas [i.e. FRS] should be tested with the antenna in place and the carrier notched before the SA. The rationale is this is the only way they will be used in the field, and that there is no guarantee that impedance will be 50 ohms over the frequency range, therefore 50 ohm termination is not appropriate.
Please provide data with appropriate antenna.
Tested with antenna attached and notch filter between RX antenna and Spectrum Analyzer using substitution method as TIA/EIA-603

3) Please provide a letter answering the questions in the original request for more information on 8/28/01 for the file.

NOTED

David A. Case NCE
Examining Engineer
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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.