



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

May 15, 2002

RE: Shinko Electric Co. Ltd.

FCC ID: OPOSSOHT300VHTCOM

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Please provide a block diagram that includes the frequencies as specified in CFR 2.1033(a)(5).
- 2) The External Photographs do not give a good indication what this device is. Please provide additional photographs that give a better idea what this device is.
- 3) This appears to be a complex system in which different parts of the system will require separate certification. It also appears that parts of this system may already be approved. Please update the 731 sections 7 & 8 as applicable.
- 4) The test setup photographs are very dark. Are lighter ones available?
- 5) Was the device placed on a turntable as floor standing or table top equipment?
- 6) The EUT appears to receive its power from a special track, yet the block diagram (page 5 of 10) shows 2 connections to 120 VAC/60 Hz. This is not expected given the block diagram and technical description and the test report on pages 4 of 10 state that the EUT does not have AC mains. Please explain. Give that the vehicle travels, if it does require 120 VAC/60 Hz as well, how does it obtain this and where is the conducted data?
- 7) The users manual should include the statements specified by 15.105 (a). Please correct.
- 8) Was the ferrite core shown on page 5 of 10 already installed within the EUT, or was it a modification that was added?
- 9) The test report states that the loop antenna was placed in the horizontal and vertical planes. It must also be rotated about the horizontal and vertical axis during testing. Was this performed?
- 10) According to the test report, much of the data given below 490 kHz is give for an average detector. As specified by 15.35(b), there is also a limit to the peak emissions (20 dB above the average limit), however peak measurements were not provided. Please provide additional peak data if available or as an alternative provide information regarding the measured difference between the average and peak measurements for these frequencies.
- 11) FYI, The limit for 443.16 kHz on page A2 is incorrect.

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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.