

Shari Meyers

From: Chris Harvey [Chrisharveyemc@comcast.net]
Sent: Friday, July 23, 2004 2:19 PM
To: jenny.chen@sibercert.com
Cc: Shari Meyers; Christina Karlhoff; 'Marianne Bosley'
Subject: Additional information needed Nakamichi MT#15846

Jenny, I have reviewed the above referenced applications for the AV Unit and Wireless Speakers and have the following questions that need to be addressed before the review can be completed.

- 1) I can not find the RF Transmitter parts in the Block Diagrams. Please provide Block Diagrams that include the RF Transmission portion and the signal paths and frequencies.
- 2) There were 19 PDF documents submitted for the Schematic Diagram exhibits for these devices. Many of these schematics are for portions of the system that are not the EUT's. Please consolidate the schematics for the AV Unit into one file and the Wireless Speakers into one file, each containing the RF transmitter portion of the device.
- 3) Please provide the following items defining the FHSS operation of this device:
 - a) Is the hopping sequence pseudorandom, based on the technical description? (Op Desc. states random but predictable)
 - b) Is each channel used equally on average, based on the technical description?
 - c) Does the associated system receiver have a compliant input bandwidth, based on the measured 20 dB emission bandwidth?
 - d) Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?
 - e) Does the frequency hopping system comply with the non-coordination requirement?
- 4) Please submit the required RF Exposure information in the users manual for these devices indicating the need to keep 20cm spacing from the transmitters. Here is an example of acceptable information:
 Manual info needed: **RF Exposure Information:** The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Best regards,

Chris Harvey
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