

REQUEST FOR TECHNICAL INFO:

Mr. Fujimoto,

In order for processing of this application (FCC ID: IOL-134-AV1027I) to continue, the following issue(s) will have to be addressed:

- 1) According to page 4 of the test report, when testing the intentional radiator against section 15.209 of the FCC rules, the frequency range was investigated only to 30 MHz. Due to the fact that the device also contains a digital device which operates over 1.705 MHz, the frequency range is required to be investigated up to the upper frequency of measurement of the digital device, as per section 15.33(a)(4) of the FCC rules. Please submit test data or a statement confirming that the emissions from the intentional radiating portion of the EUT do not exceed the limits contained in 15.209 in the frequency range of 30 MHz to 1 GHz.
- 2) Please state how the device complies with the antenna requirements contained in section 15.203 of the FCC rules.

The item(s) indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. 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 scott@celectronics.com.

If you have any questions, feel free to contact me.

Best regards,

Scott McCutchan
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RESPONSE

From: CEkyle@aol.com
Sent: Friday, October 26, 2001 8:39 AM
To: scott@celectronics.com
Subject: Re: FCC ID: IOL-134-AV1027I

1. The intentional radiator was also checked to 1000 MHz. A data sheet has been attached to show that it was checked up to 1000 MHz. These would be of course frequencies from the intentional radiator portion only. The digital portion was tested to the **Class A** limits and the data already in the test report. The data sheet with the intentional radiator should of mentioned no other frequencies were found up to 1000 MHz.
2. The antenna is a loop antenna placed INSIDE the EUT. The user will not be able to remove the antenna unless the user opens up the unit. Also the loop antenna is hard wired (soldered) to the PCB of the EUT at each end.

Kyle Fujimoto
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Compatible Electronics -- Brea Division