

**From:** Kwon, James (Gunpo) [James.Kwon@sgs.com]  
**Sent:** Monday, October 13, 2008 4:47 AM  
**To:** Mike Kuo  
**Cc:** Jeong, Feel (Gunpo)  
**Subject:** RE: R-tron Inc., FCC ID: STESN-4GIR-24S, Assessment NO.: AN08T8436, Notice#1  
**Attachments:** RSN-4GIR-24S Test report (radio) R1.pdf; RSN-4GIR-24S Confidential request letter R1.pdf

Dear Mike,

Pls find our reply at below.

Thanks and have a nice day.

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-----Original Message-----

From: Mike Kuo [<mailto:mike.kuo@ccsemc.com> <<mailto:mike.kuo@ccsemc.com>> ]  
Sent: Friday, October 03, 2008 5:39 AM  
To: Kwon, James (Gunpo)  
Subject: FW: R-tron Inc., FCC ID: STESN-4GIR-24S, Assessment NO.: AN08T8436, Notice#1

Hi James:

Question #1: Booster is defined by FCC as : Booster is a device that automatically reradiates signals from base transmitters without channel translation, for the purpose of improving the reliability of existing service by increasing the signal strength in dead spots. An "in-building radiation system" is a signal booster. These devices are not intended to extend the size of coverage from the originating base station. A booster can be either single or multiple channels.

Please confirm this booster does not have frequency translation capabilities.

**[James] We confirm that the RSN-4GIR-24S model serves the desired signal without any channel transition capabilities. Thus, the RSN-4GIR-24S is definitely a booster which complies the definition of FCC.**

Question #2: The user of signal booster is governed under section 90.219. Please review the requirement as stated and provide a letter to indicate the implementation of booster complies with requirements.

**[James] We confirm that the implementation of RSN-4GIR-24S model complies the requirement of the section 90.219.**

Question #3: Input/output comparison: FCC requests all amplifier, booster and repeater to provide the input modulated spectrum and the output modulated spectrum are required. This corresponds to the occupied bandwidth test required under Section 2.1049. Please provide such test data by using 64QAM 3/4 and QPSK 3/4 modulations at middle channel.

**[James] We did further test based on your notice. Attached pls find the test report updated.**

Question #4: Please confirm Block diagram is not required to have confidential protection. If it is needed, please revise request for

confidentiality letter.

**[James] We want block diagram to be confidential as well. Attached pls find confidentiality letter updated.**

Best Regards

Mike Kuo

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 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 the e-mail address listed below the name of the sender.

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