ROGERS LABS, INC.

4405 West 259th Terrace
Louisburg, KS 66053
Phone / Fax (913) 837-3214

June 19, 2002

Federal Communications Commission
Equipment Approval Services
P.O. Box 35815
Pittsburgh, PA 15251-3315

Applicant: GE Transportation Systems Global Signaling
2712 South Dillingham Road
GRAIN VALLEY, MO 64029

RE: Request for additional information

Equipment: FCC ID: AJT-12RII-V1A
FCC Rules: Parts 2, 22C, 22E, 74D and 90.

Gentlemen:
A portion of the request is reproduced below.

To: Scot Rogers,
From: Stan Lyles
slyles@fcc.gov
FCC Application Processing Branch

Re: FCC ID AJT-GS12RII-V1A
Applicant: GE Transportation Systems Global Signaling LLC
Correspondence Reference Number: 23152
731 Confirmation Number: EA363196

1.) You have calculated 11 kHz as your necessary bandwidth, however you have assigned a 6K00F3E designator. The emission designator must match the necessary bandwidth calculation. The same problem exist for the 10K0F2D emission were the necessary bandwidth calculation was 12 kHz. Please correct these two emission designators.

2.) Please resubmit the emission mask plots of the carrier with a 200 kHz span setting on the spectrum analyzer. Please draw in the mask limits lines according to the calculation shown in Section 90.210 (b).

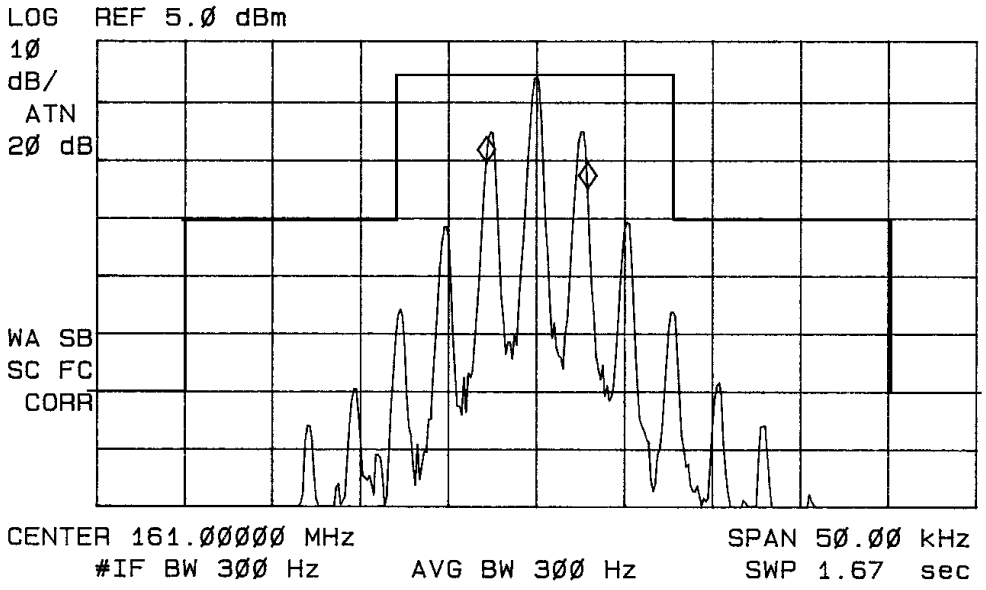
RESPONSE:

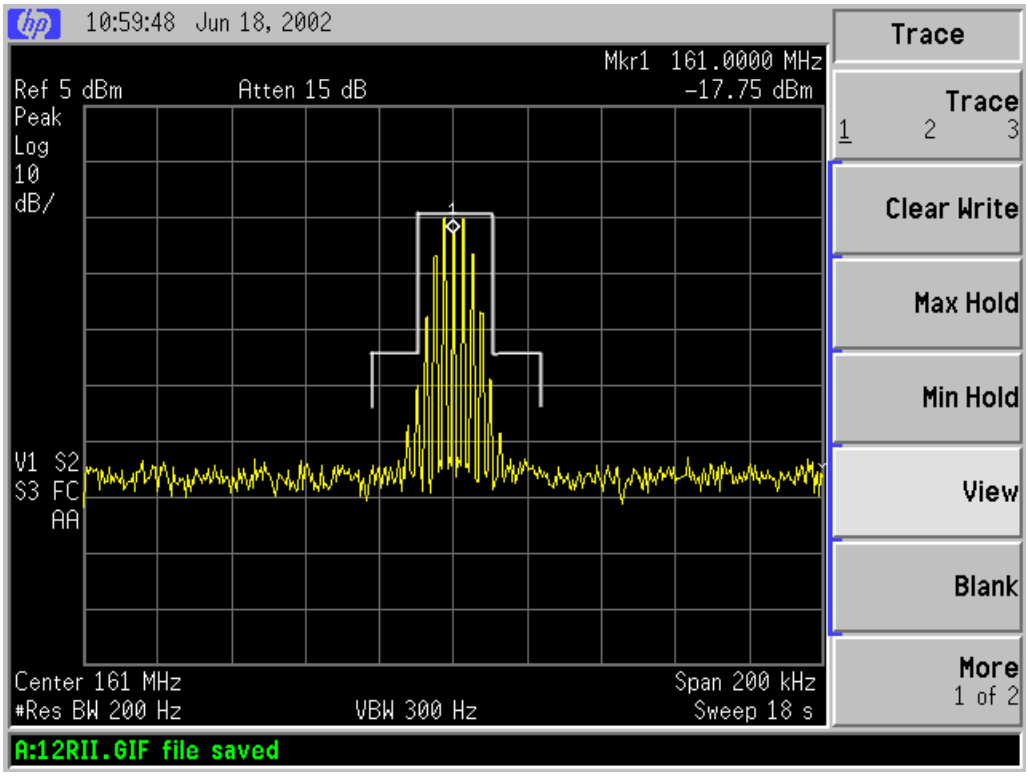
1. Please correct the emission designators to reflect the calculated necessary bandwidth for this transmitter. 16k0f3e, 11k0f3e, and 12k0f2d.
2. Emission mask B of 90.210 (b) specifies (1) on any frequency removed the assigned frequency by more than 50% but not more than 100% of the authorized bandwidth at least 20 dB. (2) 100% to 250% 35 dB and (3) greater than 250% at least 43 + 10log(P) dB. This emission mask has been added and is displayed below. Note this

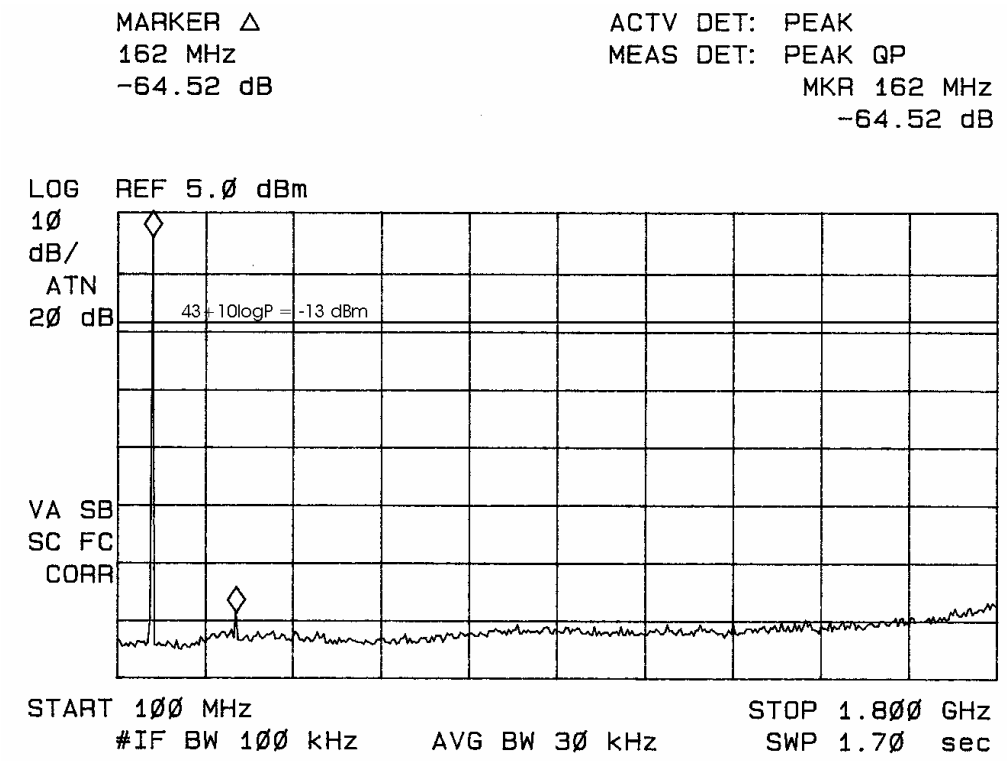
equates to 60 dB below fundamental, which places the spurious emissions below -13 dBm.

MARKER Δ
5.75 kHz
-4.41 dB

ACTV DET: PEAK
MEAS DET: PEAK QP
MKR 5.75 kHz
-4.41 dB







Thank you for your help in resolving these issues. Please continue with the grant of certification process.
Scot Rogers
Rogers Labs, Inc.