

from "tim.dwyer@ccsemc.com" <tim.dwyer@ccsemc.com>

[hide details](#) Nov 14 (1 day ago)

[Reply](#)

to weili@ac-lab.com

cc tim.dwyer@ccsemc.com

date Nov 14, 2007 12:24 AM

subject Shyam Telecom Inc., FCC ID: S3CDB5R33-8501900, Assessment NO.: AN07T7294, Notice#2

Hello Wei,

The review of the application is complete. There following items require clarification or additional information.

Q1: Please provide a statement on page 185 of the test report or in a separate document or email explaining why frequency tolerance evaluation is not applicable to this product.

Q2: Please provide brief additional information as to whether a DL signal received at the donor port is re-transmitted at the server port on the identical channel frequency or at a different (translated) channel frequency. Likewise, explain whether a UL signal received at the server port is retransmitted at the donor port on the identical channel frequency or at a different (translated) channel frequency.

Q3: Please provide a brief statement as to whether the emission bandwidth characteristics of signals passing through the product will be changed.

Q4: The power output criteria shown on page 7-9 of the test report are ERP/EIRP. It is not stated whether the values listed on pages 8 an 9 of the test report in the "Power Output (dBm)" column are conducted or ERP/EIRP power. Please explain whether the values shown in the "Power Output (dBm)" column are conducted or ERP/EIRP.

Q5: Current FCC rules and policies require use of ANSI/TIA/EIA-603-B-2002 test methods with reference to this standard included in the test report. Please confirm that this standard was used for all measurements. Please see the following link for information regarding acceptable test procedures <http://www.fcc.gov/oet/ea/eameasurements.html>.

Best regards,

Tim Dwyer

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.

[Reply](#) [Reply to all](#) [Forward](#) [Invite tim.dwyer@ccsemc.com to Gmail](#)

from W Li <weili@ac-lab.com>

[hide details](#) Nov 14 (22 hours ago)

[Reply](#)

to tim.dwyer@ccsemc.com

date Nov 14, 2007 3:25 PM

subject Re: Shyam Telecom Inc., FCC ID: S3CDB5R33-8501900, Assessment NO.: AN07T7294, Notice#2

Hi, Tim.

Thanks for your reply. Please see the following answers to your questions:

tim.dwyer@ccsemc.com wrote:

Hello Wei.

The review of the application is complete. There following items require clarification or additional information.

Q1: Please provide a statement on page 185 of the test report or in a separate document or email explaining why frequency tolerance evaluation is not applicable to this product.

PLEASE SEE ATTACHED DOCUMENT TO STATE THAT FREQUENCY TOLERANCE EVALUATION IS NOT APPLICABLE TO DB5R33.

Q2: Please provide brief additional information as to whether a DL signal received at the donor port is re-transmitted at the server port on the identical channel frequency or at a different (translated) channel frequency. Likewise, explain whether a UL signal received at the server port is retransmitted at the donor port on the identical channel frequency or at a different (translated) channel frequency.

THERE IS NO BNAD/CHANNEL TRANSLATION IN DB5R33 WHICH IS ALSO STATED ON PG.5 OF THE REPORT.

Q3: Please provide a brief statement as to whether the emission bandwidth characteristics of signals passing through the product will be changed.

THERE IS NO CHANGE ON EMISSION BANDWIDTH CHARACTERISTICS OF SIGNALS, WHICH IS SHOWN IN SECTION 4 OF THE REPORT.

Q4: The power output criteria shown on page 7-9 of the test report are ERP/EIRP. It is not stated whether the values listed on pages 8 an 9 of the test report in the "Power Output (dBm)" column are conducted or ERP/EIRP power. Please explain whether the values shown in the "Power Output (dBm)" column are conducted or ERP/EIRP.

ALL THE POWER OUTPUT LEVELS ON PG 7-9 WERE MEASURED BY USING CONDUCTED MEATHOD.

Q5: Current FCC rules and policies require use of ANSI/TIA/EIA-603-B-2002 test methods with reference to this standard included in the test report. Please confirm that this standard was used for all measurements. Please see the following link for information regarding acceptable test procedures <http://www.fcc.gov/oet/ea/eameasurements.html>.






ANSI/TIA/EIA-603-B-2002 TEST METHODS WERE USED FOR ALL MEASUREMENTS ON DB5R33. SEE PAGE 170 OF THE REPORT ATTACHED.

Please let me know if there is any question.

Best regards,

Wei Li
ACL /Manager

CCS Shyam Application for Industry Canada [Inbox](#)

-  **Tim Dwyer** Hello Wei, Mike Kuo emailed me and asked that I contact you reference the Shy... Nov 8 (3 days ago)
-  **W Li** Hi, Tim. Will call you today. Wei Nov 9 (3 days ago)
-  **W Li** Hi, Tim. Nice talking to you. The following information was missed during the... Nov 9 (3 days ago) 
-  **Tim Dwyer** Hi Wei, Just sending a reply to let you know I received your email and will b... Nov 9 (3 days ago)

 from **W Li** <weili@ac-lab.com> [hide details](#) Nov 10 (2 days ago) 

to Tim Dwyer <Timothy_Dwyer@ieee.org>,
date Nov 10, 2007 8:59 AM
subject Re: CCS Shyam Application for Industry Canada

Hi, Tim.

Thanks a lot!

Wei

Tim Dwyer <Timothy_Dwyer@ieee.org> wrote:

Hi Wei,

Just sending a reply to let you know I received your email and will be working on this to get completed as soon as possible.

Best regards,

Tim

On Nov 9, 2007 10:32 AM, W Li wrote:

- > Hi, Tim.
- >
- > Nice talking to you.
- >
- > The following information was missed during the on-line filing process for
- > SHYAM FCC Application (FCC ID: S3CDB5R33-8501900). Please kindly add them to
- > your database.
- >
- > Also please correct the antenna gain information for SHYAM IC application on
- > the same product (IC:5751A-DB5R33CP): Antenna gain=16dBi for Patch and
- > Sever antenna.
- >
- > I am not sure whether its user manual was uploaded successfully due to its
- > large size , so I break it into two parts and attach them here. Please help
- > me to add them into its FCC & IC applications if needed.
- >
- > *****
- > This EUT is dual band repeater operated in FULL cellular & PCS (DL and UL)
- > bands. Modulations are GSM, EDGE & CDMA. Uplink power is 30dBm (1W) and
- > downlink power is 33dBm(2W). Max. Outdoor antenna gain is 16dB.
- >
- > Since the application has been delayed due to my operation issue, client
- > still wants to get the approval soon. I appreciate that you could process
- > those applications (FCC& IC) at your earliest convenience.
- >
- > Regards,
- >
- > Wei
- >
- >
- > Tim Dwyer wrote:
- >
- > Hello Wei,
- >
- > Mike Kuo emailed me and asked that I contact you reference the Shyam
- > application at CCS. The CCS Assessment Number is AN07I2217.
- >
- > Please email or call me at your convenience. I am in Connecticut, so
- > am in the same time zone as NJ.
- >
- > You can email me at this address, or call to 860-558-1791.
- >
- > Best regards,
- >
- > Tim Dwyer
- > CCS Technical Reviewer
- >
- >

FCC Amplifier Booster Guidance [Inbox](#)

☆ from **Tim Dwyer** <Timothy_Dwyer@ieee.org> [hide details](#) Nov 14 (5 days ago)  [Reply](#)

to W Li <weili@ac-lab.com>
date Nov 14, 2007 4:30 PM
subject FCC Amplifier Booster Guidance
mailed-by gmail.com

Hi Wei,

Attached is the FCC document I mentioned. It may be useful in future applications.

Best regards,

Tim Dwyer

 **Amplifier Repeater Booster.pdf**
47K [View as HTML](#) [Download](#)

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☆ from **W Li** <weili@ac-lab.com> [hide details](#) Nov 14 (5 days ago)  [Reply](#)

to Tim Dwyer <Timothy_Dwyer@ieee.org>
date Nov 14, 2007 4:49 PM
subject Re: FCC Amplifier Booster Guidance

Hi, Tim.

Thanks a lot.

Per FCC definitions on repeater and booster, this DB5R33 will be a "booster".

Customer likes using "repeater" more than "booster" since "repeater" sounds like a more sophisticated product:-)

Will refer this new document in the future applications.

Regards,

Wei

- Show quoted text -
- Show quoted text -

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☆ from **W Li** <weili@ac-lab.com> [hide details](#) 11:32 pm (9 hours ago)  [Reply](#)

to Tim Dwyer <Timothy_Dwyer@ieee.org>
date Nov 18, 2007 11:32 PM
subject Re: FCC Amplifier Booster Guidance

Hi, Tim.

Here is the info manufacture sent to me, same as what I mentioned.

Is 33dBm the composite rated power?

Yes : The composite Power Output is +33 dbm

Is 33dBm the single channel power?

Yes single Channel power is limited to +33 dbm with Automatic Level Control in Repeater

For multicarrier or multi-ch operation, what is the power/CH or per carrier? 2, 4 or more carriers?

- 1) Composite Power = 33 dbm
- 2) For 2 Channels = 30 dbm
- 3) For 4 Channels = 27 dbm and so on

Regards,


Wei

Tim Dwyer <Timothy_Dwyer@ieee.org> wrote:

- Show quoted text -

[Reply](#) [Forward](#) [Invite W to Gmail](#)

Your message has been sent. [Invite W Li to Gmail](#)

☆ from **Tim Dwyer** <Timothy_Dwyer@ieee.org> [hide details](#) 9:00 am (0 minutes ago)  [Reply](#)

to W Li <weili@ac-lab.com>
date Nov 19, 2007 9:00 AM
subject Re: FCC Amplifier Booster Guidance
mailed-by gmail.com

Hi Wei,

Thank you very much. This helps a lot.

In the future, if you can remember to include this information in your test report or as a separate exhibit, it will help the reviewer to understand how the product works.

I should be able now to issue the grant quickly. I will add your email as an exhibit in the filing.

Thank you again and best regards,

Tim

- Show quoted text -