



"Teresa White "
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06/14/2007 03:16 PM

To: Yunus Faziloglu/USA/VERITAS@VERITAS
cc
bcc
Subject: RE: CS02717 LD Research FCC ID: TFB-MATRIXLP TCB Questions

Hello Yunus,

Please see our responses below, as well as the corresponding attachments.

Thanks!

Regards,

Teresa White
Quality Manager
Document Coordinator

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From: yfaziloglu@curtis-straus.com [<mailto:yfaziloglu@curtis-straus.com>]
Sent: Thursday, June 14, 2007 10:00 AM
To: Teresa White
Subject: CS02717 LD Research FCC ID: TFB-MATRIXLP TCB Questions

Hi Teresa,

Please address the following issues for this application,

1. Modular approval request letter uses an incorrect FCC ID (missing "P" at the end).
[Corrected modular approval request letter attached](#)

2. Can 10mW power amplifier setting be changed for this 10mW module by the OEM installers? Manual mentions power amplifier 10mW/100mW option. Please clarify.

The 10mW module power amplifier setting is fixed to 10mW. The 100mW module referenced in the user's manual is a separate module to be certified separately. The user's manual is intended to be common for both modules in the family.

3. Item 3 of the modular approval request letter, mentions 2.4 -3.6V range for the power amplifier. Page 38 of the report shows that unit was transmitting a 3.9VDC level. Has the operating voltage range of the module been verified to see unit actually refuses to transmit beyond the 2.4 -3.6V range?

The test results presented on the module used specific test code that does not prevent operation outside the declared operating voltage range. The application code that is provided to the OEM user's has this functionality included and it has been tested and verified.

4. An RF exposure exhibit is needed; showing that maximum of conducted power or EIRP level for the module is below the low threshold of $60/f(\text{GHz})$ and therefore it complies with FCC's RF exposure limits for a portable device. MPE calculation should not be used for portable devices.

Compliance with the exposure guidelines of 47 CFR 15.247 document attached.

5. Manual must include warning against collocation with any other antenna or transmitter as part of the RF exposure warnings as follows:

"This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter."



Revised User's Manual attached.

Best Regards,

Yunus Faziloglu
Curtis-Straus LLC
Bureau Veritas

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is limited by our General Conditions of Services.  MATRIX~2.pdf  8pt modular letter IV.pdf

 Compliance with 47 CFR 15_247(j).pdf  Matrix User's Guide_v0_1_d3_6_2007 REVISED.pdf