

Doug Noble

From: 'Tori Wolf' [toriw@mflom.com]
Sent: Friday, March 14, 2008 11:23 AM
To: Doug Noble
Subject: re[8]: p0750016 ATCB005972 | TO4-RFXNLL5858 |

Good Morning Doug,

Your answers for the RT are in red on the attachment and the MPE report, as well as other revised docs are now uploaded.

The format is a little funky, I apologize, but at least you have the info you need.

RE: Gigawave USA LLC

FCC ID: TO4-RFXNLL5858

I have a few comments on this Application. Please place your answers to these questions at the bottom of each question and return.

1. Please upload RF Exposure exhibit this is required for all 15.247 applications. There is no RF Exposure to say whether this is portable or mobile. If this is classified as portable then SAR will need to be tested. **MPE report has been uploaded.**

2. Please put RF Exposure statement in the user's manual including the distance from the antennas for bystanders. **Statement has been added.**

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

3. The Block Diagram is not consistent with the requirements of 2.1033(b)(5). Please review. You need to list frequencies. **New block diagram uploaded.**

2.1033(b) (5) A block diagram showing the frequency of all oscillators in the device. The signal path and frequency shall be indicated at each block. The tuning range(s) and intermediate frequency (ies) shall be indicated at each block. A schematic diagram is also required for intentional radiators.

4. The schematic for TV 1 and 2 are unreadable the values do not match the schematic. Please upload new schematics. **New schematics have been uploaded.**

5. Internal Photos must include front and back of all PC boards with all shielding removed. Please revise and upload internal photos. **New internal photos have been uploaded.**

3/14/2008

6. The user manual prohibits use of an antenna with more than 2 dBi gain. In the test report you state you used an 8dBi antenna. Please explain. **Manual updated to show 8dBi.**
7. In the test report please cite test procedures used in testing. **No response needed per Hoosam**

Looking forward to getting this granted. Have a great weekend.

Regards,
Tori

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

From: "Doug Noble" <doug@atcb.com>
To: "'Tori Wolf'" <toriw@mflom.com>
Date: Thu, 13 Mar 2008 07:28:40 -0700
Subject: **RE: re[6]: p0750016 ATCB005972 | TO4-RFXNLL5858 |**

Hi Tori,

Here is the Word doc for the comments please answer the questions on this form and return to me.

Thanks,
Doug

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

From: 'Tori Wolf' [mailto:toriw@mflom.com]
Sent: Wednesday, March 12, 2008 2:58 PM
To: Doug Noble
Subject: re[6]: p0750016 ATCB005972 | TO4-RFXNLL5858 |

Doug,

I uploaded the new/revised info on the website. The RT answers are in the message portion of the upload, however it will come across in parts. The only thing I am missing is the MPE report, sorry. I will upload that as soon as I get the final ok to let it go.

I really appreciate your help,
Tori

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

From: "Doug Noble" <doug@atcb.com>
To: "'Tori Wolf'" <toriw@mflom.com>
Date: Tue, 11 Mar 2008 11:49:03 -0700
Subject: **RE: re[4]: p0750016 ATCB005972 | TO4-RFXNLL5858 |**

Here ya go...

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

From: 'Tori Wolf' [mailto:toriw@mflom.com]
Sent: Tuesday, March 11, 2008 10:46 AM

To: Doug Noble
Subject: re[4]: p0750016 ATCB005972 | TO4-RFXNLL5858 |



Flom Test Labs
EMI, EMC, RF Testing Experts Since 1963

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info@flomlab.com

Dear Doug,

Would you be so kind as to resend me the RT? I found your original e-mail, but can't seem the attachment. I'll answer the questions on it and re-upload with new exhibits.

Thank you in advance.

Tori Wolf
Office Manager

Flom Test Labs
Phone: 480 926-3100
Email: toriw@mflom.com
Web : www.flomlabs.com

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

From: "Doug Noble" <doug@atcb.com>
To: "'Tori Wolf'" <toriw@mflom.com>
Date: Tue, 11 Mar 2008 09:36:18 -0700
Subject: RE: re[2]: p0750016 ATCB005972 | TO4-RFXNLL5858 |

[Correct English this time.](#)

Hi Tori,

Have all the questions on the comments been answered and uploaded to ATCB? You need to answer each question below the question on the comments PDF and upload to ATCB with your answers. Otherwise we have no way to know which questions you sent exhibits on or which questions you said you didn't have to do anything on because.... This has to be answered and uploaded. Were there any requests for revisions of exhibits to be uploaded?

Thanks,
Doug

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

From: 'Tori Wolf' [<mailto:toriw@mflom.com>]

Sent: Tuesday, March 11, 2008 9:16 AM
To: Doug Noble
Subject: re[2]: p0750016 ATCB005972 | TO4-RFXNLL5858 |



Flom Test Labs
EMI, EMC, RF Testing Experts Since 1963

toll-free: (800) 451-7777
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www.flomlabs.com

Dear Doug,

Are we good to go with all the exhibits and RT responses you were looking for? I know there is a question on the schematics but you should have the right ones. (Not TV1 and TV2).
know.

Regards,

Tori Wolf
Office Manager

Flom Test Labs
Phone: 480 926-3100
Email: toriw@mflom.com
Web : www.flomlabs.com

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

From: "Doug Noble" <doug@atcb.com>
To: "Tori Wolf" <toriw@mflom.com>
Date: Mon, 3 Mar 2008 13:10:05 -0700
Subject: RE: p0750016 ATCB005972 | TO4-RFXNLL5858 |

What are the TV1 and TV2 schematic for? These are the ones that are bad.

Doug

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

From: Tori Wolf [<mailto:toriw@mflom.com>]
Sent: Monday, March 03, 2008 1:01 PM
To: doug@atcb.com
Subject: re: p0750016 ATCB005972 | TO4-RFXNLL5858 |

Dear Doug,

In speaking with Mike Wyman this morning, he mentioned that there are schem unreadable. In the original upload, I sent RX-2.0 Ver_C and TX-2.0-Schematic correct schematics you will want to look at. If you need me to resend the, I can should already have them.

Let me know if you have any questions.

Regards,

Tori Wolf
Office Manager

Flom Test Labs
Phone: 480 926-3100
Email: toriw@mflom.com
Web : www.flomlabs.com

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

From: "Doug Noble" <doug@atcb.com>
To: <toriw@mflom.com>, <hoosam@mflom.com>
Date: Thu, 28 Feb 2008 10:37:05 -0700
Subject: www.AmericanTCB.com ATCB005972 | TO4-RFXNLL5858 | | |
TO4-RFXNLL5858_ATCB005972

Regarding www.AmericanTCB.com application:

ATCB ID: ATCB005972

FCC ID: TO4-RFXNLL5858

IC:

TCF:

Account name: mflom

Hi Tori,

Please read comment concerning this application. FYI equipment code is DTS for this application.

Thank you,

Doug Noble

Douglas E. Noble NARTE (No. ATL-0142-E)

Examining Compliance Engineer

AmericanTCB

Certification for the Wireless Industry

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