

Mike Kuo

From: Idy [Idy@certitek.com]
Sent: March 01 2004 Monday 6:10 PM
To: Mike Kuo
Subject: Fw: AL TECH, INC. FCC ID:PM8CARMP3AC100, AN04T3653

Dear Mike Kuo

This project is very urgent.
If you possible, please send me TCB Approval sheet in today.

I'm sorry.

Best Regards.

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

From: [Idy](#)
To: [Mike Kuo](#)
Sent: Tuesday, February 24, 2004 9:55 AM
Subject: Re: AL TECH, INC. FCC ID:PM8CARMP3AC100, AN04T3653

Dear Mr. Mike Kuo

Thank you for your cooperation.

I am sorry for my mistake.

Question #1: Please know that USB connector cannot be connected to personal computer.
USB connector of this MP3 device is connected to USB storage only.
If the USB connector is connected to personal computer, it will not operate.
I just think FCC Part 15 Subpart C is sufficient to be applied.
If you still insist FCC Part 15 Subpart B, it needs FCC Verification not be TCB of DOC.

Question #2~6: Please check the attached report file.

Question #7: This MP device is not the hand-held equipment.
It is installed in car before using this device.
The battery you meant is the battery from cigar jack of car.

Question #8: We connected test using "1KHz modulated MP3 file".
Please check the attached MP3 file.

If you have any question, please let me know asap.

Thanks and regards

Brucelim

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

From: "Mike Kuo" <MKUO@CCSEMC.com>
To: <Idy@certitek.com>
Sent: Friday, February 13, 2004 10:20 AM
Subject: FW: AL TECH, INC. FCC ID:PM8CARMP3AC100, AN04T3653

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>
> -----Original Message-----
> From: CERTADM
> Sent: Thursday, February 12, 2004 5:18 PM
> To: Mike Kuo
> Subject: AL TECH, INC. FCC ID:PM8CARMP3AC100, AN04T3653

3/3/2004

>
> Notice_content
> -----
> Question #1: This MP3 device contains FM transmitter and with USB connector.
> FM transmitter portion is subject to FCC Part 15 Subpart C, section 15.239
> technical requirement; the USB interface to the personal computer is subject
> to FCC Part 15 subpart B as PC peripheral devices. Since this device
> operates in two different FCC Part 15 rule part, composite application
> filing is required based upon section 15.31(k). Please confirm above
> statement. Due to the composite device filing with two technical rule
> parts, two TCB assessment fee will be charged. After the review, single FCC
> ID number will be able to be used for two FCC Part 15B and 15C requirements.
> Two TCB grants will be issued. One as personal computer peripheral and the
> other one as low power transmitter.
>
> Question #2: Please provide AC line conducted emission tests per ANSI
> C63.4:2001 requirement.
>
> Question #3: FCC Docket 01-278, 95-19 and FCC 03-149 has been published in
> Federal Register on Dec. 09, 2003 with effective date of Jan. 08, 2004. All
> applications submitted after Jan. 08 shall comply with ANSI C63.4:2001
> procedures. In the test report, ANSI C63.4:1992 is used. Please confirm
> the tests were performed per ANSI C63.4:2001 and revised the test report to
> indicate the test procedure used.
>
> Question #4: What is the frequency range investigated during 15.239(c)
> radiated spurious emission tests.
>
> Question #5: per section 15.239 (b) requirement, the limit is based upon
> the average detector and the peak detector limits per 15.35 also applied.
> The data submitted only contain QP reading, please provide peak reading per
> 15.239 (b) requirement.
>
> Question # 6: Please position the delta marker on the 200kHz wide on the
> spectrum plots. The spectrum plots submitted does not enough information to
> demonstrate compliance per section 15.239 (a) requirement.
>
> Question # 7 : this MP device can be powered from battery during wireless
> transmission. Per ANSI C63.4 section 13.1.4.1 requirement, hand-held device
> shall be rotated through three orthogonal axes to determine the highest
> emission relative to the limits. In the test report, there is no
> information to demonstrate such procedure was followed. Please explain or
> provide additional test data.
>
> Question #8 : Per ANSI C63.4 section 13.1.1.1 applied modulation, this MP3
> device is equipped with input audio connector, please describe what type of
> modulation was used during the radiated emission tests.
>
> Best Regards
>
> Mike Ku o
> 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.