

Mike Kuo

Subject: RE: 回信 : Fw: Microlink Communications Inc., FCC ID: QVZQVZ58905933, Assessment NO.: AN05T4487, Notice#1

vanessa_tsai
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2005/02/05 12:09
PM

Inc., FCC ID:
AN05T4487, Notice#1

收件人: MKuo@ccsemc.com
副本抄送: <daphne@ecomtec.com.tw>, lucy_tsai/ccsemc@ccsemc
副本密送:
主旨: 回信: Fw: Microlink Communications
QVZQVZ58905933, Assessment NO.:

Dear Mike:
Sorry for my lately reply.
We had some questions and sent a lot of time communicating with our client.

Q1:Please see the revise user's manual which is submitted for modular approval.
(_MS-SWCVT-0_User manual.pdf)

[Mike] The information of the user manual provided is for end user which doesn't agree with the OEM installation. Besides, page 21 of user manual indicated antenna connected construction, however, only 6 antennas information provided. Please clearly indicate how these antennas shall be connected for OEM installation.

Q2:(1)Please see the other Patch antenna specs.
(MS-SWCVT-0)-Antenna spec(S2406P).pdf & (MS-SWCVT-0)-Antenna spec(DWL-R60AT).pdf)

(2)S2403BP12NF(5dBi) is applied for the certificate.

[Mike] (1) Antenna spec. is ok.

(2) The antenna gain of S2403BP12NF indicated in the antenna spec. is 5dBd, and converted to dBi, it will be 7.15dBi. Then according 15.247, if the antenna gain greater than 6 dBi are used the peak output power from the intentional radiator shall be reduced by the amount in dB. So please correct the test report accordingly.

Q3:Please see the revised modular approval letter,we had made some mistake for the original letter.

It is a limited modular approval ,not full.You could see the revised technical documents.

(_MS-SWCVT-0_-Modular approval letter.pdf) [Lucy] Per your reply, this submission should be limited modular approval.

However, according to the user manual, this device is possible to be installed in a laptop PC. Please explain how to install this device into a notebook PC. And also clearly indicate the information what device can be installed in the user manual and modular request letter.

Q4:Our client had confirm that the aux connector will always be connected with PIFA antenna and main connector will be connected with other three types of antennas for OEM integrator.They had revise the user's manual.

(_MS-SWCVT-0_User manual.pdf)

[Mike] Please refer to my reply in question #1 and make the proper revise.

Q5:I had resubmitted external and internal photos in two separate files.

Also,provide 6 antennas'photos.

(MS-SWCVT-0_External Photo.pdf & MS-SWCVT-0_Internal Photo.pdf) [Lucy] Ok.

Q6:Please see the revised Label information.

(_MS-SWCVT-0_-Label Information.pdf)

[Mike] Ok.

If you have any question, please contact with me, I will deal with it ASAP.
Thank you!
Best Regards,

Vanessa Tsai (蔡宜珊)
Certification Engineer / Global Certificate Dept.
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2005/01/19 10:53 PM

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主旨: Microlink Communications
Inc., FCC ID: QVZQVZ58905933, Assessment NO.:
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Question#1: According to the submitted information, this is a modular approval, however, the user manual submitted is for system. Also, the EUT's model no and product name submitted all referred to the one mentioned in the submitted user manual. Please provide the EUT's installation guide and confirm EUT's product name and model no.

Question#2: According to the information mentioned in the test report, 4 types with 6 antennas were submitted. However, there totally 4 antennas' spec. submitted, please provide another two Patch antennas spec. Also, according to the spec. of S2403BPX Omni-directional antenna, 3 different antenna gains for 5 models, please indicate which one is applied for because the unit of antenna gain is dBd and when convert to dBi, none can be matched with the test report.

Question#3: Test setup photos and test setup configuration indicate the PIFA antenna was always connected as the aux antenna to be tested with other three types of antennas: dipole antenna, omni-directional antenna and patch antenna. According to the submission, this device is requested to be certified as a full modular approval, please explain how the above configurations can be applied when the EUT was installed in a notebook PC, for example.

Question#4: According to test setup photos and test setup configuration indicated in the test report, PIFA antenna was always connected as the aux antenna to test with other three types of antennas. Please confirm if the aux connector will always be connected with PIFA antenna and main connector will be connected with other three types of antennas for OEM integrator. If not, please provide the possible configurations and additional radiated emission test data to demonstrate the compliance.

Question#5: Please resubmit external and internal photos in two separate files. Also, please provide 6 antennas' photos.

Question#6: EUT shown in the label format/location indicated another FCC ID label, please remove it.

Best Regards,

Mike Kuo

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.

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