Lucy Tsai

From: KIM Jungsoo [rani2497@emc2000.co.kr]
Sent: Wednesday, April 29, 2009 6:26 AM
To: Lucy Tsai
Subject: RE: MINTPASS CO.,LTD, FCC ID: W9UMP100, Assessment NO.: AN09T9108, Notice#1-revised
Attachments: EMC-FCC-R0012_MP100_RF Report.pdf; LABEL & LOCATION .pdf; MPEI-MP100.pdf

Importance: High

Dear Lucy,

Thanks you for your e-mail.

We have checked the things you've mentioned and here are answers.

Q#1: By checking the uploaded exhibits, a Part 15B report is included.
Since this device is also subject to PC peripheral and if you are going to file it as PC peripheral under equipment code JBP, then please submit another filing under same FCC ID for it. Or please update the FCC label format to include FCC DOC logo.
☞ **Please refer to the attached file (LABEL&LOCATION.pdf)**

Q#2: According to the user manual, this device should be a portable device and then per KDB 447498 (see attached for details), you need to provide a technical justification sheet by verify RF average output power for determining whether SAR test is required or not. If the RF conducted average output power is lower than 60/f(GHz), then SAR test is not required.
☞ **Please refer to the attached file (MPE.pdf)**

Q#3: Though 100mW output power is declared by client, however, it still shouldn't have more than 5dm difference from the measured value. So please correct it and also be noted that the output power listed on the grant will be the measured value as documented in the test report.
☞ **Please refer to the attached file (EMC-FCC-R0012_RF Report.pdf)**

Q#4: According to 15.33, if the intentional radiator operates below 10
GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. However, looking to test report, it seems that only upto 18GHz was investigated which is not acceptable. Please address.
Moreover, please clearly indicate the RBW/VBW setting during radiated emission test into test report.
☞ **Please refer to the attached file (EMC-FCC-R0012_RF Report.pdf)**

Q#5: Please provide band edge test result measured by radiated measurement.
☞ **Please refer to the attached file (EMC-FCC-R0012_RF Report.pdf)**

Q#6: Operational description indicated 25dB gain and +16dBm which don't agree with the application. Please clarify what they refer to.
☞ **Please refer to the attached file (Operating description.pdf)**

Q#7: Please take another internal photo by removing RF shielding case from page 1 of internal photos.
☞ **Please refer to the attached file (Internal photos of EUT.pdf)**

If you have any question, feel free to contact us.

Thank you.

Best regards,
KIM Jungsoo.

-----Original Message-----
From: Lucy Tsai
Sent: Wednesday, April 22, 2009 1:02 AM
To: 'rani2497@emc2000.co.kr'
Subject: FW: MINTPASS CO.,LTD, FCC ID: W9UMP100, Assessment NO.: AN09T9108, Notice#1

Hi Mr. Kim,

Please address following issues.
Q#1: By checking the uploaded exhibits, a Part 15B report is included. Since this device is also subject to PC peripheral and if you are going to file it as PC peripheral under equipment code JBP, then please submit another filing under same FCC ID for it. Or please update the FCC label format to include FCC DOC logo.
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Q#4: According to 15.33, if the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. However, looking to test report, it seems that only upto 18GHz was investigated which is not acceptable. Please address.
Moreover, please clearly indicate the RBW/VBW setting during radiated emission test into test report.
Q#5: Please provide band edge test result measured by radiated measurement.
Q#6: Operational description indicated 25dB gain and +16dBm which don't agree with the application. Please clarify what they refer to.
Q#7: Please take another internal photo by removing RF shielding case from page 1 of internal photos.

Best Regards,
Lucy Tsai
CCS

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.