

Doug Noble

From: Sunny Liu Intertek [sunny.liu@intertek.com]
Sent: Thursday, February 10, 2011 9:09 PM
To: Doug Noble; Eric Chu Intertek; Jimmy Yang Intertek; Terry Hsu Intertek
Cc: customerservice
Subject: RE: www.acbcert.com ATCB010132 | I88HES309M | | I88HES309M_ATCB010132

Dear Doug,

Thanks for you comments, please see my answer as below:

1. For the internal photos exhibit please remove the shields from the PCB's used in the transmitter.
A: We revised the internal photo and upload to ATCB website.
2. The MPE exhibit fails the 1 mW/cm² limit. With the data in the exhibit the answer would be 2.6287 mW/cm². The EUT would have to be at least 33cm from bystanders to pass at this power level.
A: We revised the minimum distance from 20 cm to 40 cm of MPE tset report and upload to ATCB website.
3. In the test report on page 5 the power is listed at 41.21 dBm with is 13.21 Watts at the antenna connectors. If this power is put into a 14dBi antenna the power would be 331.89 Watts which I don't think would meet the 20cm limit either. The unit would have to be a fixed location with a distance to bystander of 162cm which would be 0.99 mW/cm² which is under the limit by only 0.01 mW/cm².
A: The power is 41.21 dBm at antenna terminals not connector, include the antenna gain. Tthe minimum distance should be 40 cm, so our client revsied the user namual on page 238.
4. Please explain the Form 731 power levels of 0.52602 Watts and 0.5152 Watts when on page 5 of test report it lists the conducted power at 41.21 dBm = 13.21 Watts.
A: It is the conducted power not include the antenna gain. So the power is 0.52602 Watts and 0.5152 Watts.

Thanks for your kindly help!

Sunny

From: Doug Noble [<mailto:doug@acbcert.com>]
Sent: Saturday, January 29, 2011 3:45 AM
To: Eric Chu Intertek; Sunny Liu Intertek; Julie Wang Intertek; Jimmy Yang Intertek; Terry Hsu Intertek
Cc: customerservice@acbcert.com
Subject: www.acbcert.com ATCB010132 | I88HES309M | | I88HES309M_ATCB010132

Regarding www.acbcert.com application:

ATCB ID: ATCB010132

FCC ID: I88HES309M

IC:

TCF:

Account name: ITSEMCTPE

Please read comments concerning this application.

Thank you,

Doug Noble

Douglas E. Noble
Examining Compliance Engineer
American Certification Body



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