

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

**From:** Keun-Ho Park [mailto:khpark@hctec.co.kr]

**Sent:** Monday, March 24, 2003 2:32 AM

**To:** Randy Ortanez

**Cc:** KiSoo Kim (HCT); Melvin Enderes

**Subject:** Fw: PCTEST TCB Questions - MC6TDC8100

Dear Mr. Ortanez,

We always appreciate your cooperations on our projects.

According to your request, we'd like to answer to each question as follows;

Question #1 :

Please revise the RF exposure for body worn operation statement in the users manual. The statement provided do not agree with the current language recommended by the FCC.

Answer #1 :

We've revised the RF exposure statement for body worn operation on page 2 & 36 in the users manual as attached file. (User\_manual\_TDC-8100\_.PDF)

Question #2 :

Please remeasure the second hot spot (PCS band) as shown in the SAR data plots. Please confirm the maximum hot spot in the PCS band was investigated and reported.

Answer #2 :

We've retested the second hot spot(PCS band) as attached files.  
(First Hot Spot.jpg / Second Hot Spot.jpg)

And we'd like to confirm that we've investigated and reported the maximum hot spot value in the PCS band for the FCC application.

Question #3 :

Please confirm the radiated power (cellular/PCS) as shown on pages 16-17 of the test report (ERP/EIRP). The antenna gain specification provided (EMW antenna) does not agree with the measured maximum radiated power for both frequency bands. Please clarify or retest, if necessary.

Answer #3 :

According to your comments, we've checked the antenna gain specification and contacted EMW antenna manufacturer for the above issue.  
And we've received the corrected antenna specification sheet(revise gain) from EMW.

Please find the page 4 & 10 in the attached antenna specification sheet.  
(Antenna\_Approval(2003. 3. 24).doc)

And we'd like to confirm that the radiated power(cellular/PCS) data as shown on  
pages 16-17 of the submitted test report(ERP/EIRP) were maximum radiated power value.

Your kindly attentions on this project would be much appreciated.

Best Regards,

KiSoo Kim - HCT

> ----- Original Message -----

> From: "Randy Ortanez" <[randy@pctestlab.com](mailto:randy@pctestlab.com)>

> To: "±e±a¼0" <[kisookim@hctec.co.kr](mailto:kisookim@hctec.co.kr)>

> Cc: "Alfred Cirwithian" <[al@pctestlab.com](mailto:al@pctestlab.com)>; "Melvin Enderes" <[melvin@pctestlab.com](mailto:melvin@pctestlab.com)>

> Sent: Wednesday, March 19, 2003 9:48 AM

> Subject: PCTEST TCB Questions - MC6TDC8100

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>> To: Ki-Soo Kim, HCT

>> From: Randy Ortanez/PCTEST TCB

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>> Re: FCC ID: MC6TDC8100

>> Applicant: Telson Electronics Co., Ltd.

>>

>> Application Received: 03/07/2003

>> Correspondence Reference Number: 230318D.MC6

>> Confirmation Number: TC3066

>> Date of Original Email: 03/18/2003

>>

>> Subject: Request for additional information

>>

>> In regards to your recent TCB application referenced above, we kindly

>> request that you provide the following additional information.

>>

>> 1) Please revise the RF exposure for body worn operation statement in

>> the users manual. The statement provided do not agree with the current

>> language recommended by the FCC.

>>

>> 2) Please remeasure the second hot spot (PCS band) as shown in the SAR

>> data plots. Please confirm the maximum hot spot in the PCS band was

>> investigated and reported.

>>

>> 3) Please confirm the radiated power (cellular/PCS) as shown on pages

>> 16-17 of the test report (ERP/EIRP). The antenna gain specification

>> provided (EMW antenna) does not agree with the measured maximum radiated

>> power for both frequency bands. Please clarify or retest, if necessary.

>>

>> Grant Info:

>> Dual Band Cellular/PCS CDMA Transceiver

>> Max Power:

>> Part 22.901(d) 0.316 W

>> Part 24(E) 0.308 W

>>

>> Output power listed is ERP for Part 22 and EIRP for Part 24. SAR

> > compliance for body-worn operating configurations is based on a  
> > separation distance of 1.5cm between the back of the unit and the body  
> > of the user. Belt clips or holsters may not contain metallic components.  
> > End-users must be informed of the body-worn operating requirements for  
> > satisfying RF exposure compliance. The highest reported SAR values are:  
> > Part 22-Head: 1.00 W/kg; Body-worn: 0.76 W/kg; Part 24-Head: 0.807 W/kg;  
> > Body-worn: 0.715 W/kg.  
> >  
> > The items indicated above must be submitted before processing can  
> > continue on the above referenced application. Failure to provide the  
> > requested information within 60 days of the original e-mail date may  
> > result in application dismissal and forfeiture of the filing fees.  
> >  
> > Any questions about the content of this correspondence should be  
> > directed to PCTEST TCB (410) 290-6652. Thank you.  
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