Chris Harvey

From: Claire Hoque [claire.hoque@ccsemc.com]

Sent: Wednesday, June 30, 2010 4:59 PM

To: Chris Harvey; Chris Harvey -TCB

Cc: Neena Jain

Subject: answer: 10U13261 TCB questions: Kyocera Wireless Corp. , FCC ID: OVFF-K33BIC04, Assessment NO.: AN10T0539, Notice#1

Attachments: C2PC Cover Letter_OVF-K33BIC04_V2.pdf; C2PC_OVF-K33BIC04_ Request for Confidentiality_V2.pdf; C2PC_Exhibit 8_OVF-K33BIC04_Internal Photos_diff_C.PDF; C2PC_Exhibit 9_OVF-K33BIC04_SAR Report_V2.pdf; C2PC_Exhibit 9A_OVF-K33BIC04 SAR Validation Plots_Addendum..pdf; C2PC_Exhibit 9B_OVF-K33BIC04_SAR Distribution Plots_Addend..pdf; 10U13261-1 FCC 24 C2PC Report(no photos).pdf

Hi Chris,

Pls see answer below.

Thanks,

Claire Hoque

-----Original Message-----
From: Chris Harvey
Sent: Monday, June 28, 2010 10:50 AM
To: Thu Chan
Cc: Chris Harvey; Claire Hoque; Lucy Tsai
Subject: Kyocera Wireless Corp. , FCC ID: OVFF-K33BIC04, Assessment NO.: AN10T0539, Notice#1

Dear Thu Chan and Claire Hoque,

You are listed as the Technical Contact for the above referenced TCB application. The following items need to be resolved before the review can be continued:

1. The C2PC Cover Letter indicates that this application is being filed due to a new PCB layout. Please provide comparison photos showing the original and new that highlight the changed areas and more detail about the specific changes to the layout.
<answer>There is a typo in the original cover letter listing a PCB change. This C2PC is to cover "component change" instead of "PCB change". Please see revised Cover letter, Confidentiality letter and internal photos comparison for details.

2. The original power was 389mW (25.9 dBm) EIRP and this application has 468mW (26.7dBm) EIRP, which is an increase of 0.8dB above the original power. FCC 2.1043 Class II Permissive Change requirements state that there can be no change in the output power rating. Please explain the increased power measurement and confirm if there has been any change in the power rating. Please also evaluate if any of the changed incorporated into this device would have impacted any of the Conducted RF tests.
<answer> There is no change in RF parameters including conducted power and antenna gain of the phone. The measured maximum RF conducted power between original and this C2PC application is 0.01 dB. We believe that the 0.8 dB delta in measured radiated power may be due to measurement uncertainty at OATS/Chamber.

3. You have included test setup photo exhibits in the Short Term Confidentiality however the RF Test report contains the test photos. Please revise the test report to remove the photos (there is already a separate test photo exhibit submitted).
<answer>pls see revised report.

4. The SAR tests were initially performed at the center channel of the PCS band even though the power measurements showed that the highest channel had as much as 0.42dB higher average conducted power than the middle channel power. The SAR tests should be performed on the highest power channel and then if the SAR of that channel is <50% of the limit (<0.8W/kg measured value) then the other channels can be eliminated fro the SAR test (SAR test reduction). The Body SAR test was performed on the center channel, with a measured value of 0.71W/kg, even though the RF Power at the highest channel is 0.42dB higher. The notes below the SAR measurement tables incorrectly states:
"Note: If the SAR measured at the mid-channel is at least 3dB lower than the SAR limit, testing at the low and high channels were no longer performed."
Please reevaluate the SAR reduction in accordance with current SAR policy.
<answer>SAR reduction procedures have been updated. A new RF exposure report is attached.

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.

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com