Lucy Tsai

From: Claire Hoque
Sent: Friday, October 01, 2010 9:53 AM
To: Lucy Tsai
Cc: Tina Chu
Subject: RE: answer for 10U13386 TCB questions : Plantronics, Inc., FCC ID: AL8-BT300, Assessment NO.: AN10T0882, Notice#1
Attachments: Annex A to 1-2242-02-03_10-B setup photos.PDF; 1-2242-02-03_10-B report.PDF

Hi Lucy,

Pls see answer below.

Thanks,

Claire Hoque

UL CCS

47173 Benicia Street

Fremont, CA 94538, USA

Tel: (510) 771-1123

Fax: (510) 661-0888

Q#1: This USB dongle is also considered as PC peripheral and required additional Part 15B certification or FCC DOC authorization. There have Part 15B report and test setup photos in the folder but if you are seeking for certification, you need to submit another filing with equipment code JBP. Please address.
<answer> JBP filed, pls see AN10T0901

Q#2: The oscillator indicated on Operational description and block diagram is 16MHz which does not agree 26MHz as indicated on the schematics. Please address.
<answer> The operational description and block diagram have been corrected. Please see attached: "4r2_BT-300 Dongle block diagram.pdf" and "3r2_Theory of operation for the BT300 Dongle.pdf"

Q#3: Page 15 of test report specified that for Bluetooth devices no measurements mandatory depending on the fixed requirements according to the Bluetooth Core Specifications. Please provide FCC rule as the rule base. Otherwise, please perform the dwell time test per 15.247 and DA 00-705 FHSS devices test procedure.
<answer> Please reference attached updated report.

Q#4: Regarding the radiated spurious emission, please specify which mode was setting during the test into the report and also provide the justification why other modes were not investigated.
<answer> The plots show the measurements of the mode with the highest output power as worst case configuration.

Q#5: As indicated in the test plot in page 54 for radiated emission test measured from 1GHz-12.75GHz, please clarify this is peak or average

detector firstly. The limit line indicated for average detector and if it is, the emission in 4700MHz around is over the limit line 54dBuV/m.
Please address.
<answer> The plots show the result of the prescan measured with RBW=1MHz and VBW=100kHz. The results of the re-measurements with a VBW = 10 Hz are documented in the result table and not marked in the plot due to technical reasons. So this peak may cross the limit line.

Besides, according to the RBW and VBW setting, the second plot for radiated emission measured from 12-25GHz in page 55 should be set to peak detector but limit line is average limitation.
Please clarify which detector was setting during above 1GHz test?
Same issue was also applied to the other two channels.
<answer> All measurements were performed with a peak detector. The average values were determined using a VBW of 10 Hz. If this prescan measured with a VBW of 1 MHz shows no critical peaks in relation to the average based limit, no re-measurement with a VBW of 10 Hz is required.

Q#6: Please explain why all radiated spurious test plots above 1GHz attached in the report for can stand for horizontal and vertical at the same time?
<answer> The vertical plots are not included in the report because the horizontal was the worst case. Only the worst case plots are included in the report.

Q#7: Why the test plot in page 55 can also valid for all channels?
<answer>The channel reported was the observed worst case of the three channels. Only the worst case channel is included in the report.

Q#8: Please provide AC line conducted emission test per 15.207.
<answer> Please reference attached test report.

CONFIDENTIALITY NOTICE: This e-mail transmission, and any documents, files or previous e-mail messages attached to it, may contain information that is confidential and/or legally privileged. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, please DO NOT disclose the contents to another person, store or copy the information in any medium, or use any of the information contained in or attached to this transmission for any purpose. If you have received this transmission in error, please immediately notify the sender by reply email or at privacy@plantronics.com, and destroy the original transmission and its attachments without reading or saving in any manner.

For further information about Plantronics - the Company, its products, brands, partners, please visit our website www.plantronics.com.