

## Helen Zhao

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**Subject:** FW: answer: Toshiba Corporation, FCC ID: CJ6UPA3440WL, Assessment NO.: AN06T5563, 06U10100



Antenna Summary  
List.xls



06U10100-1B FCC  
DTS Report.pd...



4\_Certificate of  
System Valida...

From: Claire Hoque  
Sent: Friday, March 17, 2006 12:17 PM  
To: Helen Zhao  
Subject: answer: Toshiba Corporation, FCC ID: CJ6UPA3440WL, Assessment NO.: AN06T5563, 06U10100

Hi Helen,

Pls see answer below.

Question #1: Please provide a summary list with relevant specs and metallic structure dimensions for all antennas included in filings under this FCC ID.

<answer> Summary antenna list attached.

Question #2: SAR report states test for antenna "WNC001" only. Please note that antenna gain is applicable mainly for EMC and far-field conditions. SAR is dependent most strongly upon near fields and RF current distributions on a device, meaning minor and simple metallic changes may cause relatively large changes in SAR. Host and antenna structures, shapes, and internally-proximate objects may influence near-field SAR conditions, such that additional information is needed to establish compliance with FCC SAR limits for products operating in portable RF exposure conditions and having different metallic structures (antennas). As indicated in Supplement C, metallic changes in products used near a person's body typically require SAR evaluation to determine whether Class I or Class II permissive change applies for the device modification. Please describe and/or demonstrate SAR compliance for other antenna types intended as alternative versions used with this transmitter and final-product configuration.

<answer> Each Main antenna is installed in the exact same location in the host computer,

therefore (1) the adjacent structures are identical,

(2) both the spacing and the relative orientation between the adjacent metallic structures and the antenna

itself are the same,

and (3) both the spacing and the relative orientation between the adjacent non-metallic structures

and the antenna itself are the same. These same considerations apply to each Auxiliary antenna.

The above characteristics provide the justification for assuming the antenna with the highest gain will produce the highest SAR value.

Please see the "Antenna Summary List" for the relevant specifications and dimensions for each antenna model.

Question #3: The EMC report states that "The transmitter has used the same maximum conducted output powers as previous original grant 01/17/2006". Please note this device was originally certified on 3/1/2006. For Class II change testing, you need to verify the power output. Please provide either average readings or peak readings.  
<answer> Grant data updated to 3/1/2006. Section 5.3 has been added to show average power readings.

Question #4: The EMC report states the module was tested in a different host: ASPEN-10, the SAR report and user manual all show host name: Portege M400. Please confirm whether ASPEN-10 and Portege 400 refer to the same equipment. Please keep the documents consistent.  
<answer>The host reference has been updated to Portege M400 in the report.

Question #5: The certificate of system validation Dipole is incomplete, section 3-4 are missing. Please provide a complete version.  
<answer>This certificate has been revised.

Thanks,  
Claire