

☆

"tim.dwyer@ccsemc.com"

Hello Thu, September, Review of this part (DTS) is complete with the followin... 11:53 am (7 hours ago)


☆

September Radecki

Hi, Jonathan isn't in yet, but Sunny will let me know when he comes in asap (... 12:24 pm (6 hours ago)

☆

from September Radecki

<september.radecki@ccsemc.com> [hide details](#) 6:57 pm (22 minutes ago)  [Reply](#)

to

"Timothy M. Dwyer" <tim.dwyer@ccsemc.com>

cc

Mike Kuo <mike.kuo@ccsemc.com>,  
Thu Chan <thu.chan@ccsemc.com>,  
Sunny Shih <sunny.shih@ccsemc.com>

date

Nov 1, 2007 6:57 PM

subject

RE: INTERNAL NOTICE Toshiba Corporation, FCC ID: CJ6UPA3538WL, Assessment NO.: AN07T7332, Notice#1

Hi Tim,

Below are the answers to your questions on this application. These answers should also apply to both of the FCC applications. I will send Q1 answer separately for IC Application.

Q1: Please confirm if MIMO operation of this product is intended.

Reviewer comment for Q1: Previous CJ6UPA3538WL grants did not show MIMO mode on grant. The Intel Modular Approval had a C2PC that Introduced MIMO, but after the Toshiba CID. This application has MIMO test results in the SAR report. MIMO is not mentioned in the EMC report. Power levels are consistent with those on the INTEL grant before MIMO C2PC. So far, MIMO has not been introduced in the Toshiba grants after the CID. I believe MIMO needs to be introduced in the Toshiba grants by C2PC. I will send a timeline summary via separate email.  
<CCS Answer:> MIMO is definitely intended. Please find attached 1)New C2PC letter, adding request to add MIMO, 2) FCC Test reports from Intel (original grantee) showing addition of MIMO to the module. 3) Statement regarding electrical identity of Toshiba module in this application to Intel module with MIMO.


Q2: The SAR report includes data for 15E 40 MHz bandwidth operation in DFS bands. Currently we cannot approve 15E 40 MHz operation in DFS bands. 40 MHz data is not allowed in EMC reports. Is it OK for the SAR report to include 40 MHz operation in DFS bands?  
<CCS Answer:> This item has been resolved separately. (Reviewer TD discussed with certifier and other reviewer & determined ok in SAR report)

Q3: Output power for SAR test. 2.4 GHz 802.11g mode power is 3.2 dB lower than grant power. Please explain.  
<CCS Answer:> For SAR measurements, based on the FCC SAR review reminder sheet, CCS did verify that the SAR average output power was greater than or equal to that of the original EMC report.


Q4: Spacing not specified in SAR report or user manual. Extrapolation used. User manual states "used in such a manner that the potential for human contact during normal operation is minimized."  
<CCS Answer:> CCS based our testing under the assumption of normal use positions, therefore all positions has zero separation (touch) position between the host device and the phantom. For antenna to edge distances, please see attached file for specification.

Thank you and best regards,  
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