

From: Michael Heckrotte, COMPLIANCE CERTIFICATION SERVICES
To: Andrew Leimer
Andrew.Leimer@fcc.gov
FCC Application Processing Branch

Re: FCC ID CJ6UPA3489WL
Applicant: Toshiba Corporation
Correspondence Reference Number: 30253
731 Confirmation Number: EA711973

1a) Toshiba FCC ID CJ6UPA3489WL is 2.933-changed from Intel PD9WM3945ABG; various antennas are included in filings under that Intel FCC ID:

orig:	10/12/2005	JBP
	10/12/2005	DTS
	10/12/2005	NII
C2pc1:	10/19/2005	DTS
	10/19/2005	NII
C2pc2:	10/20/2005	DTS
	10/20/2005	NII
C2pc3:	10/26/2005	DTS
	10/26/2005	NII

Please provide a summary list of antennas included under FCC ID CJ6UPA3489WL including manufacturer/model, antenna type, and mainbeam gain.

<answer>antenna summary list has been uploaded to EAS.

1b) SAR report says radio uses two antennas, but four antennas appear to be listed - please describe specific diversity-antenna configuration evaluated and covered by this filing.

<answer>SAR was evaluated with two HTL017 antennas in a diversity configuration. The filing covers all four antennas listed in reply 1a. A quantity of two of a particular model antenna is installed in the laptop, in a diversity configuration. HTL017 has the highest gain.

2) SAR report has:

"FCC ID: CJ6UPA3489WL

MODELS: PA3489U-1MPC & PA3441U-1MPC (Optional)"

Please explain what is meant here by "Optional."

<answer>The "optional kit" part number is the designation given to the mini-PCI module assembly for after market installation in Toshiba notebooks by Toshiba Dealers and Service Providers, to distinguish from the original module model number that is factory installed. Please note that we do not make the module available for user installation, only for Toshiba certified dealer installation.

3) SAR report mentions "collocation with the Toshiba PA3418U-1BTM Bluetooth" - please explain certification status for this Bluetooth, including specific-product FCC ID labeling info for WLAN and BT in laptop.

<answer>FCC Labels have been uploaded to EAS.

4) Please explain if and how average powers listed in this filing correspond to peak powers listed on Form731 of original filing.
<answer>Both peak and average powers were listed in the original filing test report; the average power listed in this filing matches the average power listed in the test report of the original filing.

5) FYI no-response requested: some SAR tables incorrectly state 2562 MHz => out of band.
<answer>SAR report is revised and has been uploaded to EAS.

Thanks,

COMPLIANCE CERTIFICATION SERVICES