

To: Andrew Leimer, FCC Application Processing Branch
From: Michael Heckrotte, COMPLIANCE CERTIFICATION SERVICES

Re: FCC ID CJ6UPA3503WL
Applicant: Toshiba Corporation
Correspondence Reference Number: 30512
731 Confirmation Number: EA998073

1) User manual exhibit contains only regulatory info - please submit also final-product transmitter operating instructions (2.1033), e.g., computer user manual.

<answer>please see host manual attached.

2) Please provide a summary list with relevant specs and metallic-structure dimensions for all antennas included in filings under this FCC ID.

<answer>Each antenna model is the same type (PIFA) and has the same dimensions. Please see attached summary list.

3) SAR report states test for antenna "WNC001" in 2.4ghz-band and "HTL017" in 5ghz-band

4) 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 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.

Best Regards,

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