

Applicant: LG Electronics USA
FCC ID: BEJL05A
Correspondence Reference Number: 37492
731 Confirmation Number: EA889285
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Subject: FCC Equipment Authorization System

1) please amend SAR report at 14.1.1 to address:

- a) please add column giving sequential row numbering for all data rows
- b) please add column listing test setup figure number(s) for all data rows
- c) plot with SAR 1.23 shows 836.6 but 14.1.1 differs showing 824.2
- d) plot with SAR 0.166 shows 836.6 but 14.1.1 differs showing 848.8

[The above have been included/reconciled. Please find attached revised report and plots](#)

2) please also report high channel SAR for cable-horizontal-side1

[Please find attached revised report](#)

3) data seems inconsistent / unexpected that cable-horizontal-side1 has SAR 1.23, but SAR is much lower for laptop-vertical1-side1 and laptop-vertical2-side1 - additional supporting testing and information seems appropriate such as cable-vertical1-side1 and/or laptop-horizontal-side1 etc to ensure setup and results are correct

[The USB cable configuration was the worst-case \(0.5 cm\) since the laptop spacing using vertical USB slots on the horizontal1 side, provided a 0.8 cm spacing.](#)

4) Depending on filing clarifications per preceding items, manufacturers should consider the following when performing SAR compliance tests for USB dongle modem transmitter(s). When the final test results for each product are ready, FCC can review and determine the type and extent of warning and/or labeling requirements according to the test distances and SAR levels to show compliance. While there is the possibility of considering warning instructions and pamphlets etc. to address SAR and distance issues for USB connection orientations that are found less often in typical laptop computers, higher SAR levels or other considerations in the other USB connection orientations may necessitate warnings on the device. FCC will need to review the final data to make this determination.

[Noted](#)

5) Because devices such as USB-dongle transmitters are a peripheral that can be used with a wide variety host laptops chosen by a user, it can be appropriate to address collocation or simultaneous transmission for use with laptops which already contain built-in WiFi and/or Bluetooth transmitters. As appropriate please amend filing with RF exposure analysis and user instructions device use with "mounting folder" (clip) and USB extension cable with laptops with built-in transmitters and antennas.

[Please see attached MPE Report for RF Exposure analysis for the condition utilizing the mounting clip and USB extension cable.](#)