

RE: Fluke Electronics

FCC ID: T68-FI3000

IC: 6627A-FI3000

ATCB022609

1. The ID Label exhibit does not indicate if the label shown is etched into the EUT's housing or if it is on a separate sticker – please clarify. If the latter, please also confirm how it will be permanently attached to the EUT, e.g., thru the use of permanent epoxy, being riveted or otherwise bolted to the housing, etc.

CSA: Nameplate/Serial #: Polycarbonate, Lexan, with 3M 467 pressure sensitive adhesive. UL969
MH26206

2. The radiated measurement EMC report (filename T43966-00-03HS_15247) calculates the EUT's maximum conducted output power as 10.2 dBm, or 10.5 mW, however, the original test reports for the WiFi module submitted with this application list the maximum measured conducted output level as 107.4 mW, or 20.31 dBm. Was the transmitter operating at its maximum output level during the radiated measurements? Please explain why the conducted output power level calculated from the radiated measurement is 10 dB lower than the conducted output level at which the WiFi module was certified. If, for the purpose of this Fluke application, the module's output levels were reduced below the maximum levels permitted by its original grant to the levels measured in the radiated EMC report, then this fact should be documented in the application – please clarify. I note that this discrepancy makes the value that should be listed on this EUT's grant unclear. The ISED TRCS lists the conducted output levels from the module's original report, but the FCC Form731 lists the level calculated in the radiated EMC report – please reconcile.

CSA: Yes, the transmitter was operating at its max. output level during the radiated measurements.
The 10 dB lower conducted output power may result of the module integration.
Please see the revised Forms attached.

FYI: please note that, since the WiFi module in the EUT is being re-certified under the Fluke FCC ID in this application, the module's User's Manual, as provided by TI, will not be uploaded to the FCC/ISED with this application. Only the (draft) Manual for the Fluke device being certified will be uploaded. Please note that the final version of the Fluke User's Manual must be submitted for upload to FCC/ISED prior to marketing the EUT in the U.S. or Canada.

CSA: Thank you very much for your information. Fluke will provide the final version of manual prior to launch.