

Dear Martin,

Thanks for your comments and please find our response below:

Re: FCC ID: FDI-09102023-0
Applicant: Buffalo Inc
Correspondence Reference Number: 28201
731 Confirmation Number: TC982575
Date of Original Email: 04/25/2006
Subject: Request for additional information
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1. Please detail how the multiple outputs were handled for power and power density evaluation.

<Response>

Multiple outputs power measurement is obtained by following procedure:

- a. Individual antenna port was tested separately for output power first to avoid phase cancellation problem.
- b. Convert all measured power to linear term if necessary (mW)
- c. The total transmitting power is linear-summed over all antenna ports involved.

We follow same procedure for power density measurement.

2. Please justify crest factor used for SAR measurement.

<Response>

Transmitter output was setup to continue output mode during SAR measurement, the actual duty cycle measured is 98% (please refer to attached duty cycle plot), so we believe 1:1 is a reasonable number. To further evaluate the effect of SAR value in term of crest factor, we have re-calculated the SAR value based on different crest factor and found that the result of worst case is still within the limit. Please refer to attached SAR evaluation for duty cycle of 100% (1:1), 98%(1:1.02) and 83%(1:1.2)

3. Please update the user manual RF exposure statement to include the type of host this certification was authorized with.

<Response>

User's manual has been revised to include the type of host this certification was authorized with. The revised manual "UserMan_FDI-09102023-0_rev.pdf" uploaded.

Best regards,

Steve Cheng
Curtis-Staus LLC