

Dear Mr. Compton,

Thank you for your business. This was a well organized and complete application. I have only one issue to confirm in order to grant this application.

1. The data table in the test report does not indicate a reading for the average value of the fundamental emission. A peak value is indicated at 88.28dbuV/m@3m. This value on its own fails the average limit. From your discussion of the devices duty cycle I believe the correction factor for the worst case duty cycle is $20\log(16 \times 50\% / 100\text{mS})$ or more than 20dB. This averaging factor when applied to the peak measurement would result in an average data point which meets the FCC limit. Please confirm that you agree with and support my analysis.

Mr.. Quinlan,

Your analysis is correct, as it has been with the previous WOW products for which equipment authorization has been issued. These devices all operate in the same manner and you have an accurate understanding of averaging factor.