

# American Certification Body Inc. 6731 Whittier Ave, Suite C110, McLean, VA 22101, USA

#### ACB:

The documentation rates the duration of one pulse as 8.42 mS, with a minimum spacing between pulses of 137 mS. During the duty cycle correction calculation in the test report (and test photos), it shows 24 mS total 'on' time in the text but 9.6 mS in the equation. I cannot see a plot of just one pulse, to measure the real pulse duration. Was the duration actually 9.6 mS instead of 8.42 mS? Is 24 mS an error?

### Applicant:

Yes, 24ms is a typing error. The manufacturer declared 8.42 ms pulse length and the lab measured 9.6 ms for a pulse length. So the calculation was done with 9.6 ms.

## ACB:

I see your test reports use the term "corrected peak level" instead of 'average' for the pulsed signal. Please confirm that this was an average measurement according to FCC and IC calculation methods.

#### **Applicant:**

Yes, the corrected peak is the average, according to FCC and IC duty cycle correction methods.