



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

Priolite GmbH Remote Control Flash FCC ID: RGMFLASHTRIGGER01

ACB:

In the test report; Section 1 on page 4 states ANSI C63.4-2009 but Section 5.5.4.1 on page 12 states ANSI C63.4-2003. Please confirm which version of the standard was used (2003 or 2009)

Emitel:

The correct version is ANSI C63.4-2003

ACB:

Please clarify how the average level was measured as it is a pulsing signal.

Emitel:

The measurement was made by spectrum analyzer. Sweep time was set to 35ms (501 Measurement points * 700 μ s). Average detector was used with max hold function. The observation time was 5 minutes (500 single pulses were checked with max hold).

ACB:

For the application, note that by using the averaging calculation method in FCC Part 15.35, the compliance margin becomes even greater. The signal is pulsing for 0.7 mS and does not exceed more than one pulse in a 100 mS period. Therefore, the duty cycle correction factor may be calculated by: $20 \log (0.7 / 100) = -43.1 \text{ dB}$.

Peak level = 107.5 dBuV/m

Average level = $107.5 - 43.1 = 64.4 \text{ dBuV/m}$