

scott

To: kyle@celectronics.com; mike@celectronics.com

Subject: FCC ID: SMOTT1

Mr. Fujimoto:

In order for processing of this application (FCC ID: SMOTT1) to continue, the following issue(s) will have to be addressed:

1) When calculating the average value of a pulse operated emission which has a duty cycle of less than 100 ms, the calculations should be based on the on-time over one complete pulse train, and not 100 ms, as is the case when the pulse train exceeds 100 ms. Please submit corrected calculations.

2) The average value of the emissions reported do not correlate to the values expected based on calculations based on the duty cycle plots. A 77% duty cycle was reported, but some of the average values reflect 4-5 dB reduction from the peak level, corresponding to a duty cycle as low as 56%. Please explain.

The item(s) indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Please upload responses and/or exhibits to the electronic filing website. Your correspondence number is SMOTT1-1.

Best regards,

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