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August 22, 2000  
ACI2000-F002A

Attn: Katie Hawkins / FCC-OET  
Re: FCC ID: EW7DVD15  
Applicant: VTech Communications Ltd.  
Correspondence Ref No: 15680  
731 Confirmation Number: EA98201  
Date of FCC E-Mail: 08/18/00  
Type Product: Periodic Remote Control Transmitter

Dear Katie Hawkins:

1. The test setup used to determine the calculation for duty cycle followed ANSI C63.4-1992, Appendix I4 and (10). The test instruments used were bi-log antenna, pre-amplifier, spectrum analyzer and storage oscilloscope. Attached find timing block diagram for test setup.
2. The duty cycle was calculated by averaging the sum of the pulse widths over one complete pulse train. The duty cycle =  $2/10.5=0.19$ , the correction factor =  $20*\log(\text{duty cycle})=20*\log(2/10.5)=-14.40(\text{dB})$ .
3. The resolution bandwidth used in the past provided bandwidth plot was set at 10KHz.

Please advise if you have any further questions or comments. Thank you for your attention and cooperation in this matter.

Sincerely yours,

Richard Mullen  
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