

## Dward ATCB

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**From:** Generic Office of Engineering Technology [oetech@fccsun27w.fcc.gov]  
**Sent:** 02/10/2006 11:31 AM  
**To:** dward@atcb.com  
**Subject:** Response to Inquiry to FCC (Tracking Number 357135)

### **Inquiry:**

In the Feb 2002 TCB training the FCC stated that for pet containment devices below 490kHz An extrapolation factor of 60 dB/decade may be used to calculate the field strength at 300 m. Special situations should be handled on a case by case basis. This appears to say that the 60dB can be used without justification. However, in an interpretation dated Oct 26 2004 (publication number 823669) it clearly states that the use of 60dB must be proven by multiple distance measurements. Question: can the 60dB roll-off for devices operating below 490kHz be used without justification, or must justification for the 60dB roll-off be made by multiple distance measurements as stated in 823669?

### **Response:**

Justification for the 60 dB roll off must be made by multiple distance measurements.

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