

From: Diane Poole [DPOOLE@fcc.gov]  
Sent: Friday, May 02, 2003 10:58 AM  
To: RWG@ETLSemko.com  
Cc: Raymond Laforge  
Subject: Re: FW: TCB Query: Part 95B modulation limiting

Hello Mr. Roland Gubisch,

Yes, It it shows compliance, it can be granted.  
Regards,

> -----Original Message-----  
> From: Roland Gubisch ITS/ES-Box  
> Sent: Wednesday, April 16, 2003 3:10 PM  
> To: 'Raymond LaForge'  
> Subject: TCB Query: Part 95B modulation limiting  
>  
> Ray:  
>  
> We are reviewing a very low sensitivity FRS radio. The plots of  
> frequency deviation vs audio input continue to rise at 134 dB SPL, showing  
> no limiting. On the other hand, the frequency deviation at 134 dB SPL (the  
> highest input possible for the test equipment, as claimed by the lab) is  
> extremely low:  
>  
> 140 Hz at 500 Hz input  
> 73 Hz at 1000 Hz input  
> 6 Hz at 2500 Hz input  
>  
> It is unlikely that the frequency deviation limit in 95.637(a) of +/- 2.5  
> KHz can ever be exceeded. May we certify this?  
>  
> Thank you,  
> Roland Gubisch  
> ITS  
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