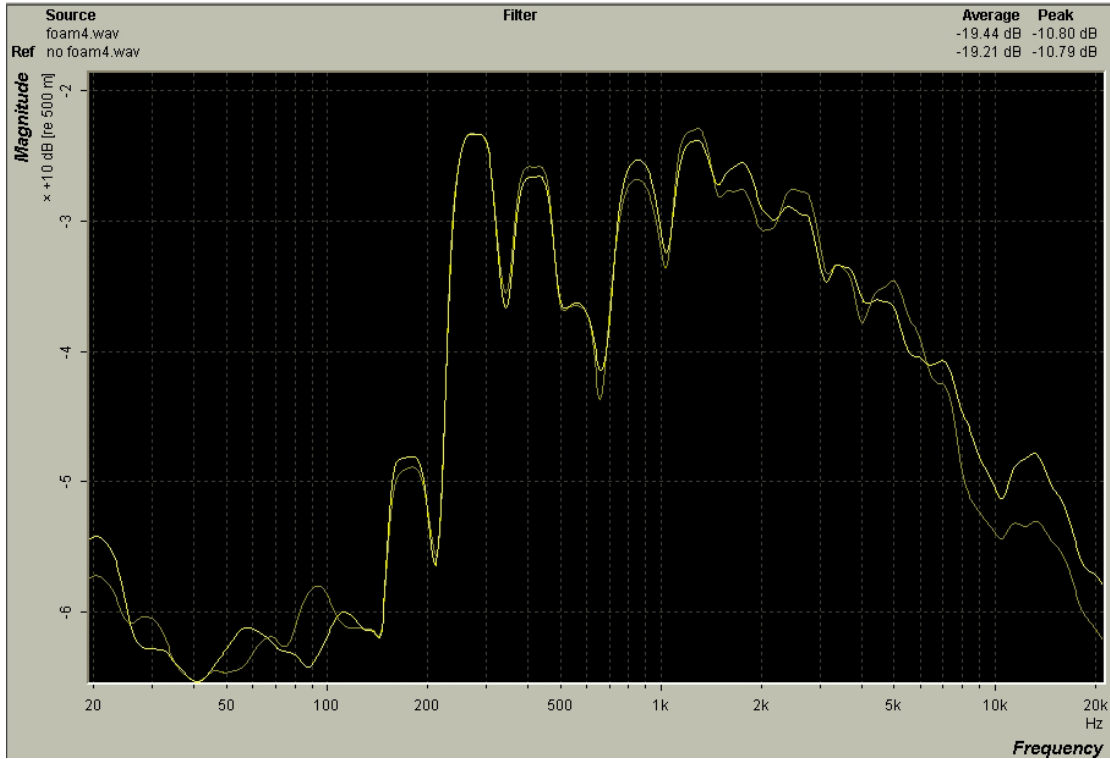
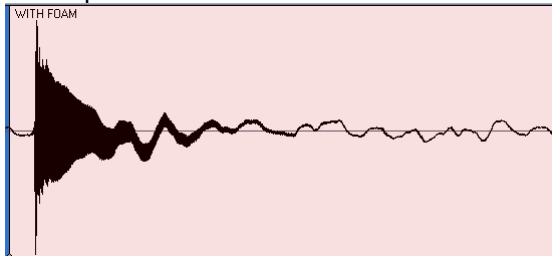


## EFFECT OF THE FOAM MOUNT ON THE VIOLIN

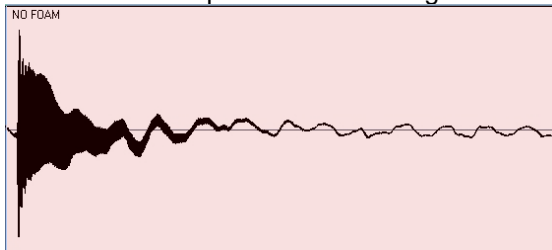
The soft foam does not damp the fiddle vibration. Shown below is the spectrum -- the fundamental frequencies and harmonics -- of a violin. The yellow curve is with the foam. The red curve is without the foam. There is almost no difference:



Shown below is the waveform of a single plucked violin string with the foam mount inserted under the tailpiece:



Here's the same plucked violin string without the foam:



The note rings just as long in either case. When you listen to a plucked violin string with and without the foam, the plucked note sounds the same.