C45 Tuning Fork + Microphone C45

Settings of equipment:

465 scope
Channel 1: 5V/div. Vert. Mode
1ms/div. Horiz. on
Trigger Chan. 1 AC
Trigger mode Normal

Type E preamp
Vertical - 10 40K
Freq. response 50K 
+ output

[Image of equipment setup]
A microphone is used to record the sound of a tuning fork.

Note: Specially adapted plug-in module with microphone input. Microphone jack - BNC adapter required to connect to transformer.
Sound waves on oscilloscope

Equipment:

465 scope
Video Camera
Type E preamp with Type 132 plug-in Power Supply
2 440 Hz tuning forks - one unmounted microphone
Various types of wood and plastic instruments
Wood and rubber mallets
2 Coca-Cola bottles

Procedure

Tuning fork is used to display what 440 Hz looks like and to make other objects resonate at that frequency.
Woodwinds and plastic horns are compared.