Stimulus

(Time(sec) vs amplitude, y-axis 0.01 to -0.01)

Response

Amplitude(V) vs Time(sec), y-axis 0.02 to -0.02

8 Sub-averages

time (sec), y-axis 0.05 to -0.05

x 10⁻⁴ Freq. components

frequency (Hz)

[Stimulus Settings]

Carrier Freq. (Hz)	1000
Carrier Amp. (dB nHL)	70
Modulator Freq. (Hz)	40
Modulator Index	0.2
Modulator Phase (deg)	90

○ cos2gate   ○ rect. window
○ Trigger In   ○ burst (ms)   10

[Response Settings]

Stimulus Duration (ms)	25	Artifact Rejection (uV)	100
# of stimuli(per session)	192	N-points FFT	1024
Response Duration (ms)	50		
# of responses(per session)	80	STIMULATION	
Total Session	10		

New ▼ - you can use your presetted stimulus setting file

● MSC   ○ PC*

Next Freq.

Test is completed

Audiogram

dB hearing level vs frequency Hz

Total sweep number = 800 sweeps,
stimulus carrier frequency = 5000Hz,
stimulus carrier amplitude = 60,
current modulation index = 1,
completed session # = 10

RP2 Sampling Rate: 25kHz

(polar plot 0.4, 0.2 with angles 0–330)

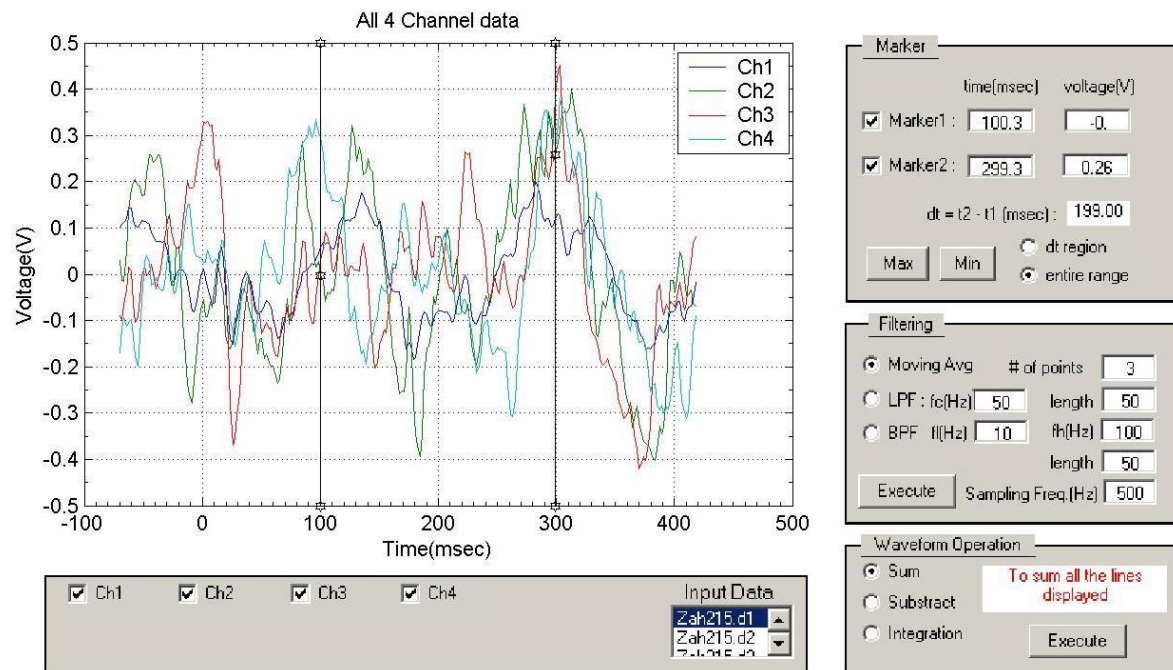**Figure 1. Data Acquisition/Analysis System for 40 Hz Auditory Evoked Potentials (AEPs)**

Figure 2. Multichannel Data Analysis GUI Program