

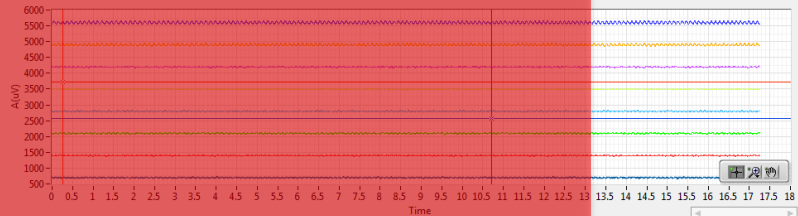
Cognitive research EEG



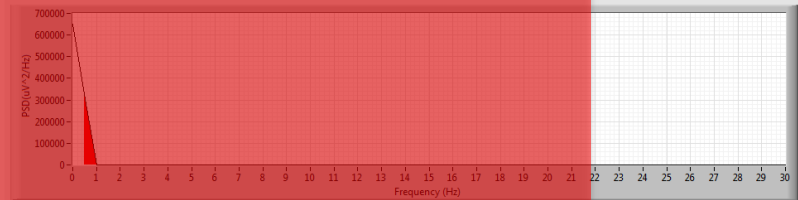
مشخصه فنی						تعداد	تحریک	زیر بخش	نام واحد	ردیف	
CMRR	Input range	Input impedance	Sampling Rate	A/D	Frequency band	کانال					
-110db	5000 μ V p-p	> 200 M Ohm	4 kSPS/ channels	Simultaneous 24 bit	0, 01 - 2kHz	8,16,32 ,64	--	EEG	الکتروانسفالوگرام	research EEG	۱



Analysis Software



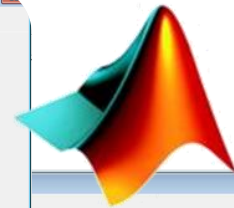
EEG Spectrum | EEG Bands | Mapping



Cursor: X Y
 Cursor 0 0.27118 3721.43
 Cursor 1 10.7118 2580.95

Channel: Ch1

Delta Power: 160000 uV^2, Delta [%]: 100 %
 Theta Power: 5.6 uV^2, Theta [%]: 0.0034 %
 Alpha Power: 98 uV^2, Alpha [%]: 0.06 %
 Beta Power: 6.6 uV^2, Beta [%]: 0.0041 %



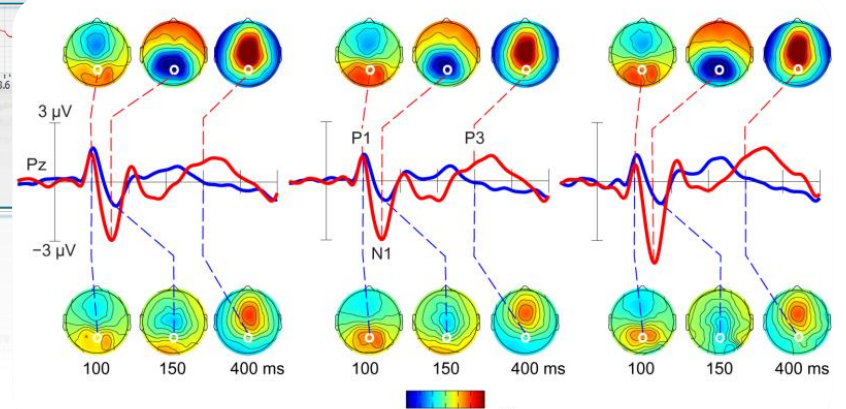
MATLAB

Select Channel 16 Ch

- Ch 1
- Ch 2
- Ch 3
- Ch 4
- Ch 5
- Ch 6
- Ch 7
- Ch 8

Address: C:\Save\test.tdms

Start | Pause | STOP | Record



no	Software	Processing & Feature Extraction
1	EEG Analysis Software	<ul style="list-style-type: none"> Amplitude Histogram, Cross- and Auto-correlation, EEG Frequency Bands, Episode Counting, Brain Mapping, Evoked Responses, Spectral Analysis, Stimulus Presentation, Event Marking, Cognitive State Analysis, EEG Remove EOG Noise, Approximate Entropy
2	MTLAB Support	<ul style="list-style-type: none"> MATLAB DLLs, SDKs