

# QEEG Clinical Report

EEGLens

The QEEG report is provided by NPCindex Company, operating under the QEEGhome brand.



## Personal Data:

Name: Mohammad Zahedi  
Gender: Male  
Age: 1943-03-25 - 82.7  
Handedness: Left

## Clinical Data:

Initial diagnosis: Delusion-Irritability-Memory Loss-DM-Insomnia  
Medication: -  
Date of Recording: 2025-10-04  
Source of Referral: Asayesh Psychiatric Clinic - Dr Torabi

This case belongs to Asayesh Psychiatric Clinic - Dr

## Z Score Summary Information

■ Eye Open

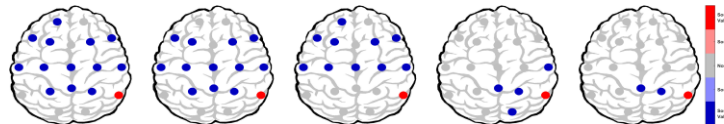
Absolute Power



Relative Power



Generation Source

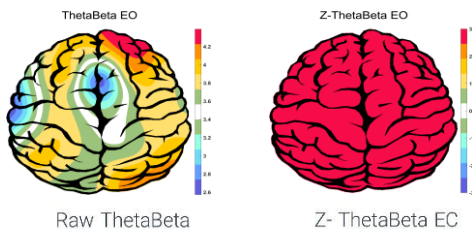


Coherence

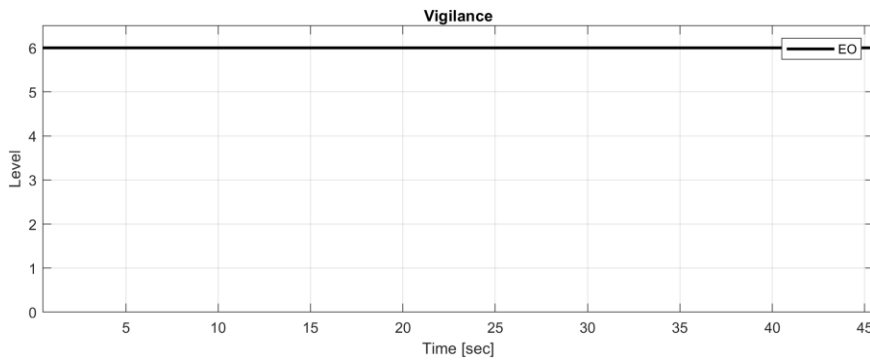


## Theta/Beta Ratio

■ Eye Open



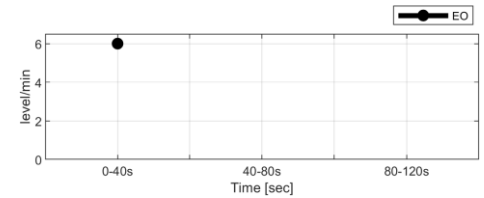
## Vigilance



## Vigilance Slope

**-0.00**

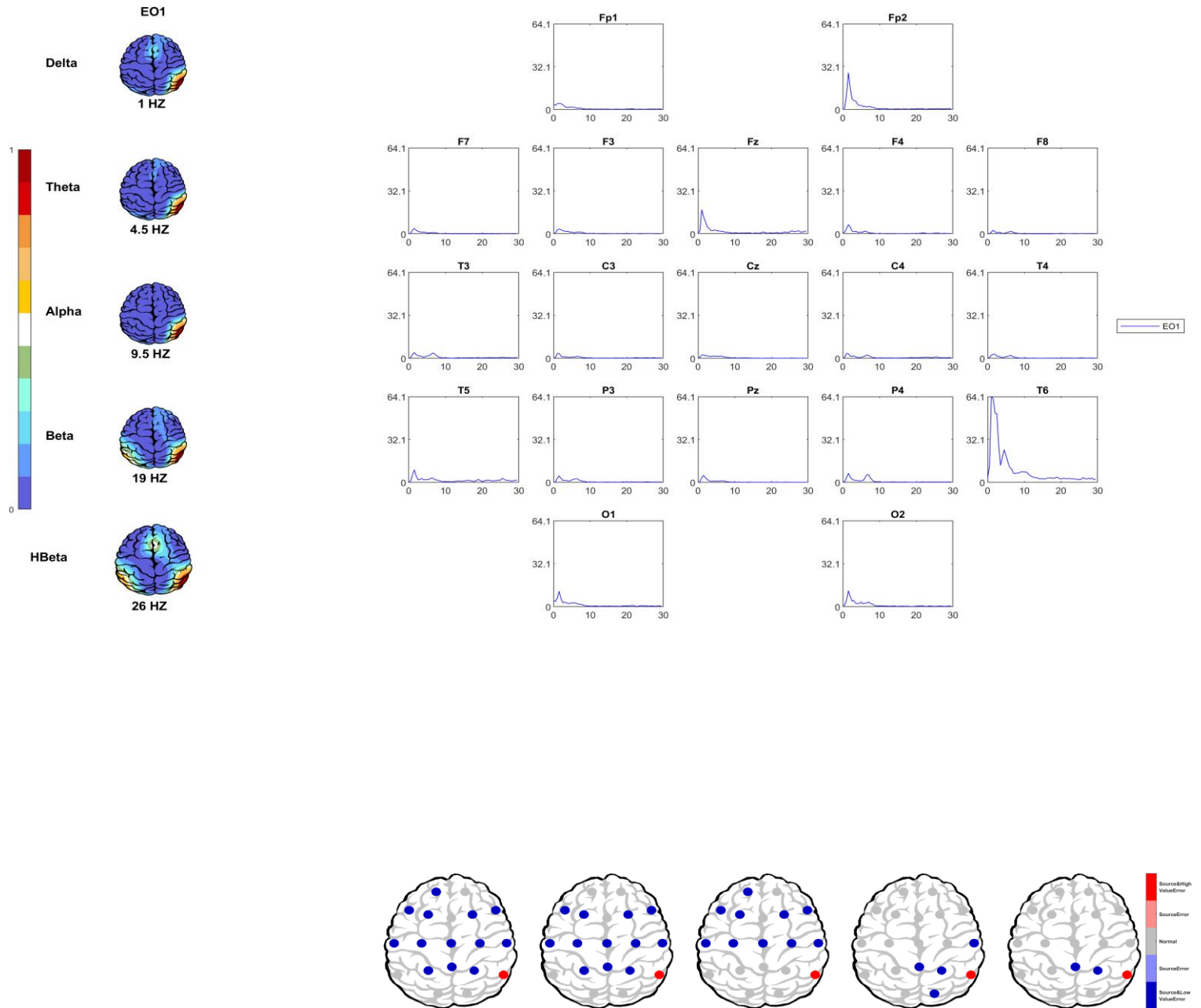
2min



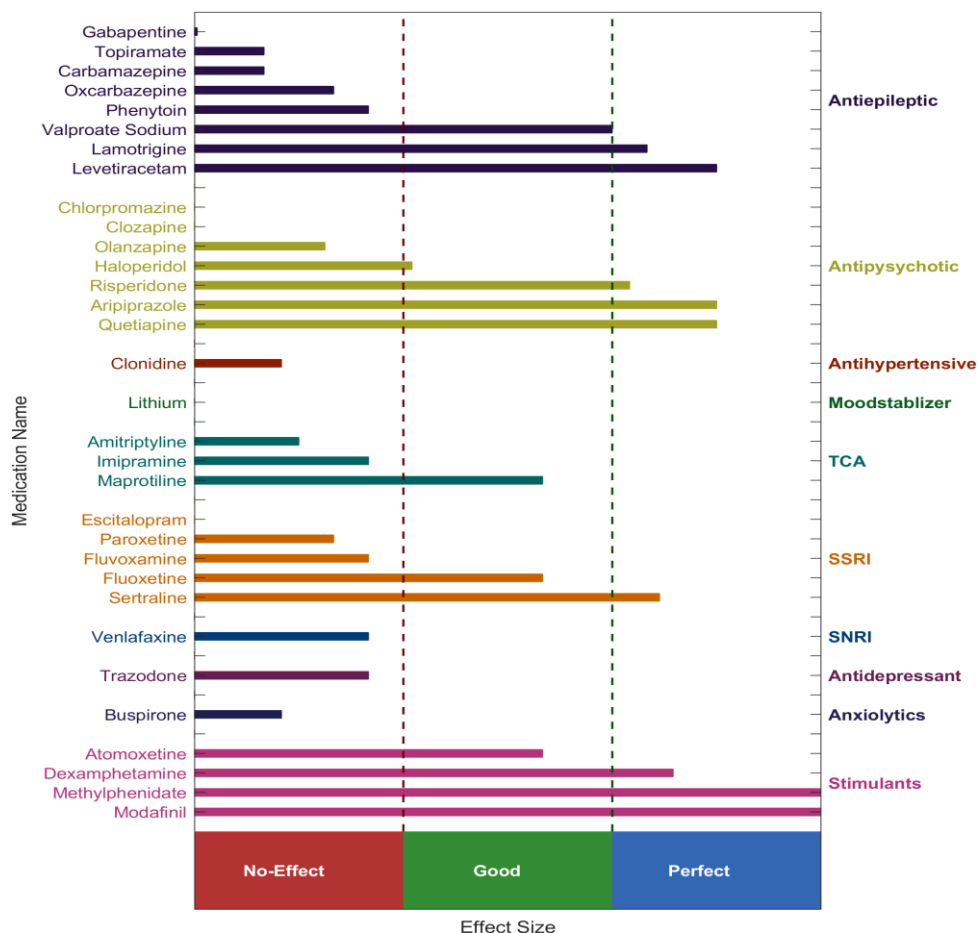
## EEG Neuromarker Values

| Neuromarker            | Region    | Value  | Assessment |
|------------------------|-----------|--------|------------|
| AFP                    | Frontal   | 09.58  | Normal     |
| AFP                    | Occipital | 08.62  | Low        |
| Alpha Asymmetry        | Frontal   | 00.18  | Anxiety    |
| Alpha Asymmetry        | Occipital | -0.35  | Anhedonia  |
| Beta Asymmetry         | Frontal   | -0.21  | Anxiety    |
| Arousal Level          | -         | -      | Low        |
| Vigilance Level        | -         | 06.00  | Normal     |
| Vigilance Mean         | -         | 06.00  | Normal     |
| Vigilance Regulation   | -         | -0.00  | Normal     |
| Vigilance 0 Stage (%)  | -         | 100.00 | High       |
| Vigilance A1 Stage (%) | -         | 00.00  | -          |

## EEG Spectra



## QEEG Based Predicting Medication Response



### Explanation

These two tables can be considered the most important finding that can be extracted from QEEG. To prepare this list, the NPCIndex Article Review Team has studied, categorized, and extracted algorithms from many authoritative published articles on predict medication response and Pharmac EEG studies. These articles are published between 1970 and 2021. The findings extracted from this set include 85 different factors in the raw band domains, spectrum, power, coherence, and loreta that have not been segregated to avoid complexity, and their results are shown in these diagrams. One can review details in NPCIndex.com .

### Medication Recommendation

These two charts, calculate response probability to various medications, according only to QEEG indicators. Blue charts favor drug response and red charts favor drug resistance. The longer the bar, the more evidence there is in the articles. Only drugs listed in the articles are listed. These tables present the indicators reviewed in the QEEG studies and are not a substitute for physician selection.

## Report

گزارش:

1.

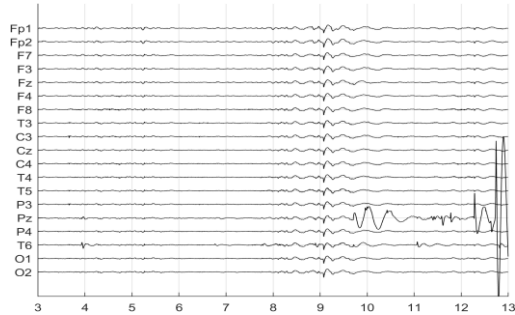
نتایج تشخیصی:

1.

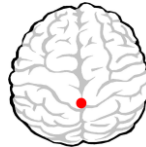
## Denoising Information

■ Eye Open

Raw EEG



Rejected Channel



**Total Recording Time Remaining:**

46.23 sec

**Number of Eye and Muscle Elements**

Eye: 2

Muscle: 3

Low Artifact Percentage



High Artifact Percentage

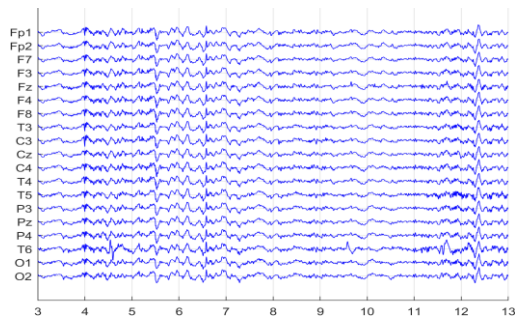


Total Artifact Percentage



**EEG Quality: good**

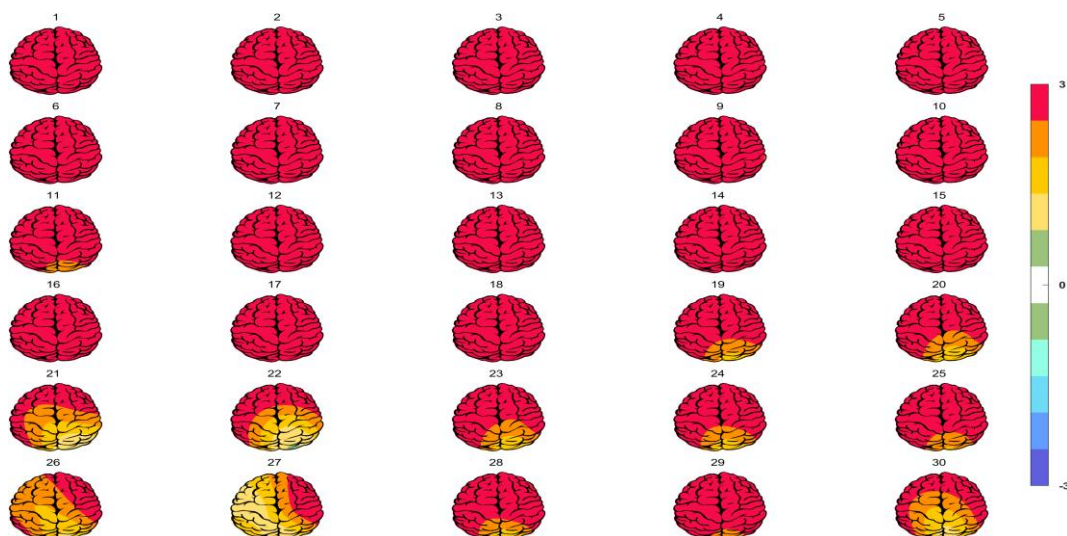
Denoised EEG



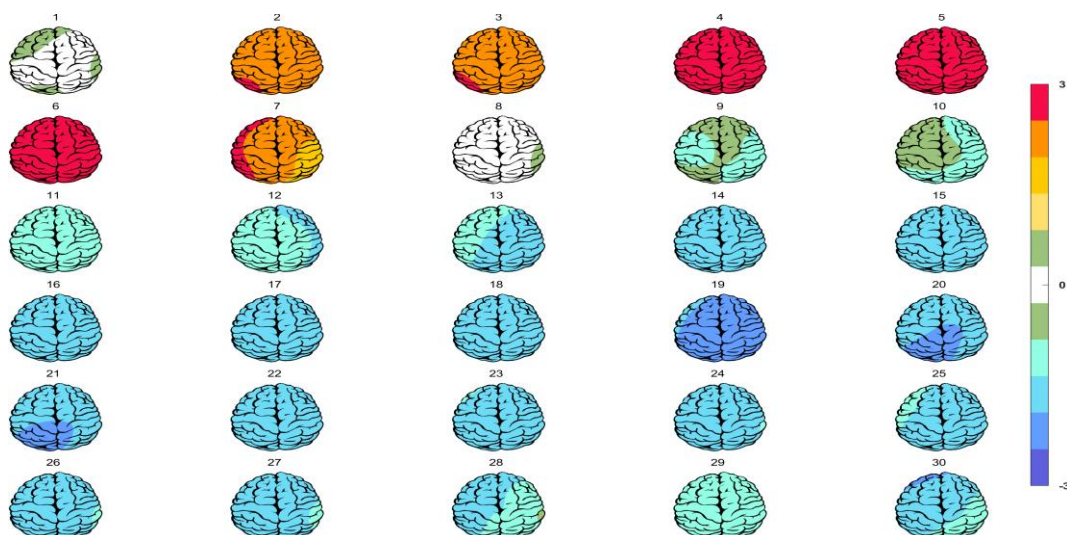
Flat Channel



## Absolute Power-Eye Open



## Relative Power-Eye Open



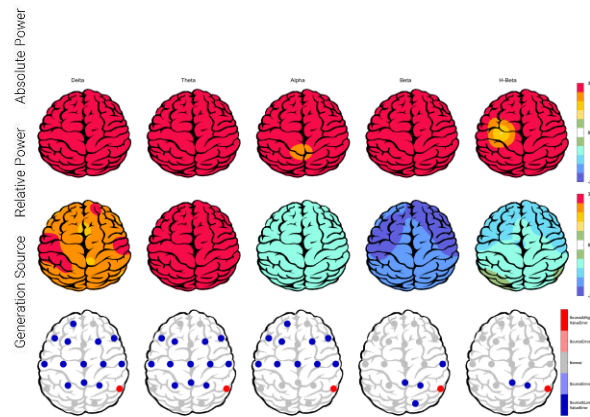
## ■ EEG Quality

EO



## ■ Z-score Information

EO



## ■ EEG Neuromarker Values

| Neuromarker        | Region    | Value | Assessment |
|--------------------|-----------|-------|------------|
| AFP - EO           | Frontal   | 09.58 | Normal     |
| AFP - EO           | Occipital | 08.62 | Low        |
| Arousal Level - EO | -         | -     | Low        |

## ■ Pathological Assessment

