WAVi Scan Clinician Report

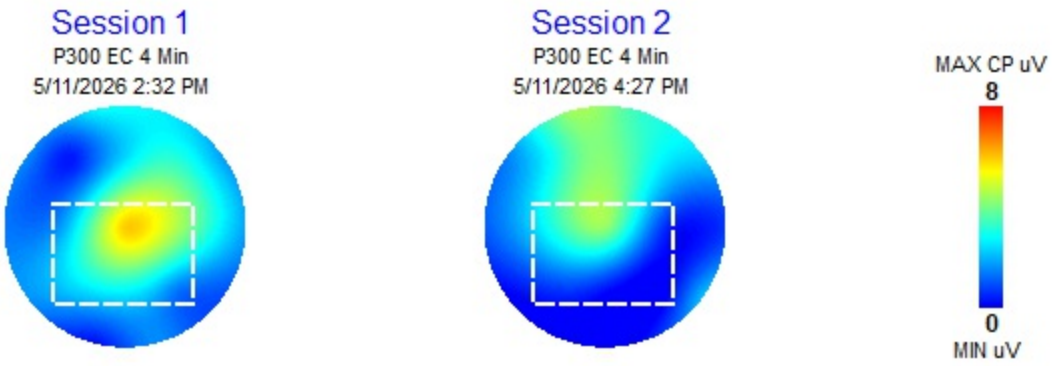
[redacted] — ID: N/A — Generated: 5/14/2026 2:55 PM

Session Number	Reason for Visit	Presenting Concerns	Change	Sleep	Since Meal	Age
Session 1 (5/11/2026)	Followup	N/A	N/A	N/A	N/A	43 yrs
Session 2 (5/11/2026)	Followup	N/A	N/A	N/A	N/A	43 yrs

Symbol Key: **?** = Questionable Value
See Appendix for explanations of metrics and symbols shown on this page.

Performance Assessments	Session 1 (5/11/2026)	Session 2 (5/11/2026)	Target Range
Physical Reaction Time	249 (±43) ms	235 (±38) ms	250–360 ms
Frontal			
F3/F4 Eyes Closed Alpha (Power)	0.9	2.8	0.9–1.1
Peak Frequency (7.0–13.0 Hz)	**?** 8.0 Hz	**?** 9.0 Hz	8.5–11.0 Hz
Test/Retest Change	-	1.0 Hz	±0.2 Hz
Central-Parietal			
Audio P300 Delay	288 ms	264 ms	256–332 ms
Test/Retest Change	-	-24 ms	±11 ms
Audio P300 Voltage	6.6 µV	4.4 µV	8–19 µV
Test/Retest Change	-	-2 µV	±2 µV
Peak Frequency (7.0–13.0 Hz)	8.0 Hz	9.8 Hz	9.0–11.0 Hz
Test/Retest Change	-	1.8 Hz	±0.2 Hz
CZ Eyes Open Theta/Beta (Power)	1.5	1.1	0.8–1.9
CZ Eyes Closed Theta/Beta (Power)	1.6	1.0	0.8–1.9
Occipital			
Peak Frequency (7.0–13.0 Hz)	8.0 Hz	7.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	-0.5 Hz	±0.2 Hz

Maximum P300 Test Depth (µV) — Range: 240–500 ms — Topo scale referenced to Session 2
Dashed rectangle indicates Central-Parietal region used for evoked potential metrics

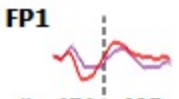


P300 Rare Comparison

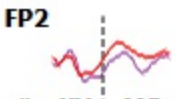
Rare responses are compared across sessions.
Yield Display Threshold: 20

Color Key
Session 1 (5/11/2026) Session 2 (5/11/2026)

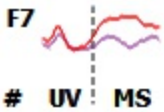
P300s typically occur between 240 and 450 msec.
Probable depth and latency of true P300 is indicated on 1st page of report.
# Indicates yield. *Indicates possible artifact during late P300.



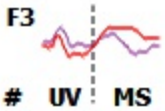
FP1	#	UV	MS
	37	2.9	272
	35	4.9	240



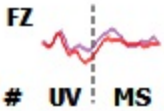
FP2	#	UV	MS
	36	3.1	268
	39	3.4	240



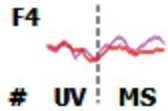
F7	#	UV	MS
	37	1.6	252
	38	2.0	240



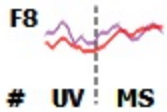
F3	#	UV	MS
	32	1.2	280
	39	2.4	240



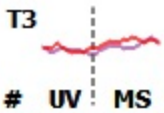
FZ	#	UV	MS
	37	2.5	276
	40	4.6	260



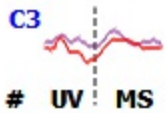
F4	#	UV	MS
	37	3.0	280
	40	3.3	272



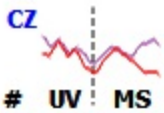
F8	#	UV	MS
	36	2.1	268
	34	2.5	252



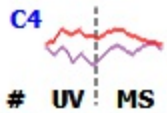
T3	#	UV	MS
	37	2.2	304
	40	1.1	240



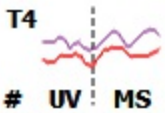
C3	#	UV	MS
	37	1.0	300
	40	3.3	264



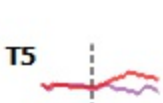
CZ	#	UV	MS
	36	6.6	308
	36	4.4	312



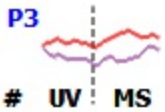
C4	#	UV	MS
	37	4.1	288
	39	<0	N/A



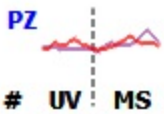
T4	#	UV	MS
	36	2.2	280
	29	1.2	284



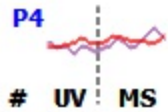
T5	#	UV	MS
	36	1.2	312
	40	0.5	240



P3	#	UV	MS
	34	4.2	328
	38	0.5	320



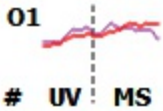
PZ	#	UV	MS
	32	1.5	324
	40	0.7	332



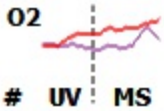
P4	#	UV	MS
	37	2.5	296
	40	<0	N/A

T6	#	UV	MS
	32	0.8	328
	38	2.3	332

F3-FZ-F4 AVE	#	UV	MS
	35	2.2	280
	39	3.3	256

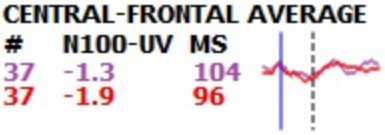


O1	#	UV	MS
	35	<0	N/A
	40	<0	N/A



O2	#	UV	MS
	34	2.0	328
	40	<0	N/A

CENTRAL-PARIETAL AVE	#	UV	MS
	35	3.2	308
	38	2.0	316



CENTRAL-FRONTAL AVERAGE	#	N100-UV	MS
	37	-1.3	104
	37	-1.9	96

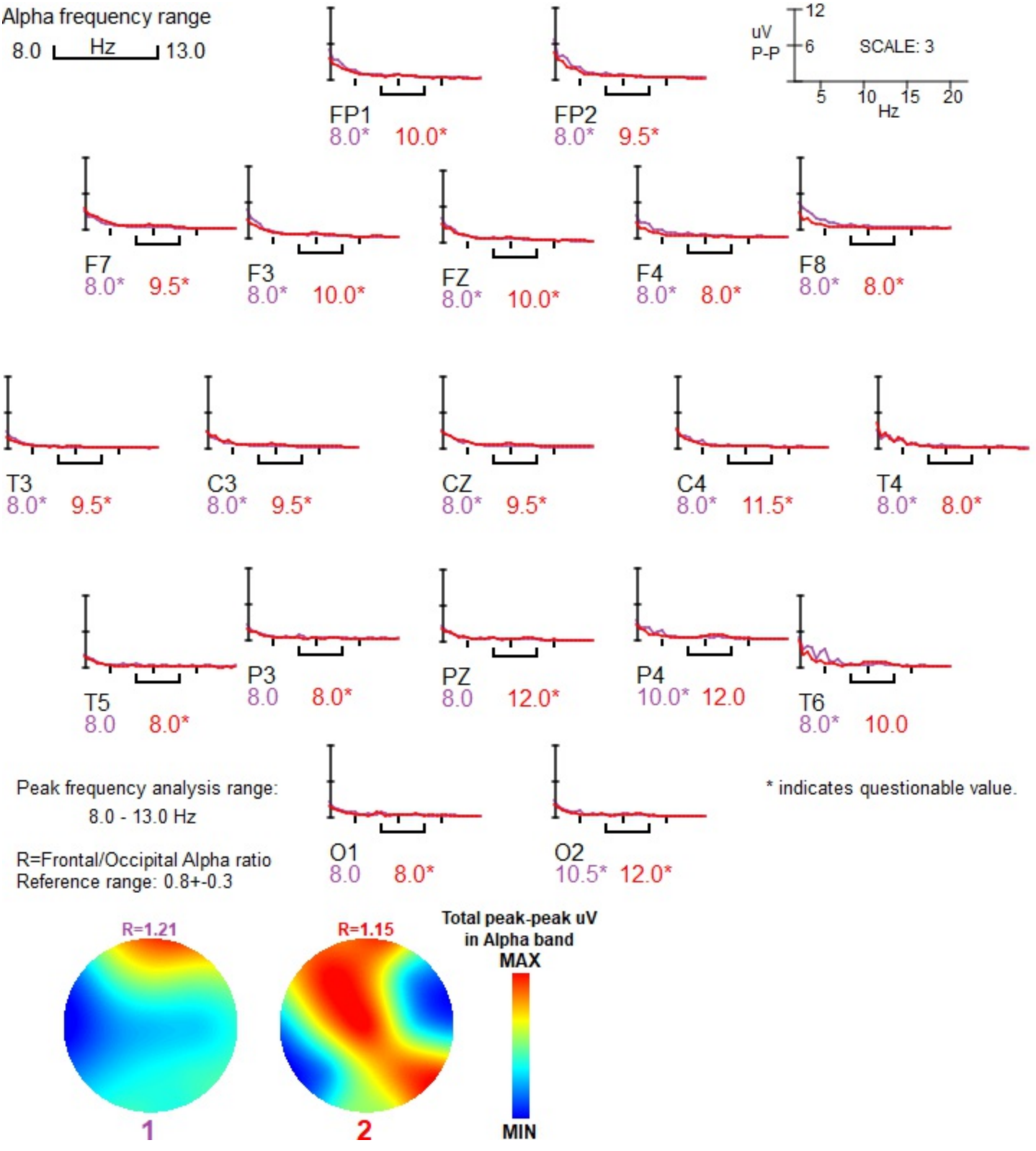
Blue line indicates 100 msec post stimulus.
Maximum N100 reported between 80-120 msec.

Largest depths between 240-500 msec are reported, except for N100. Dotted lines at 300 msec post stimulus.

Spectrum Comparison, P300 Eyes Closed

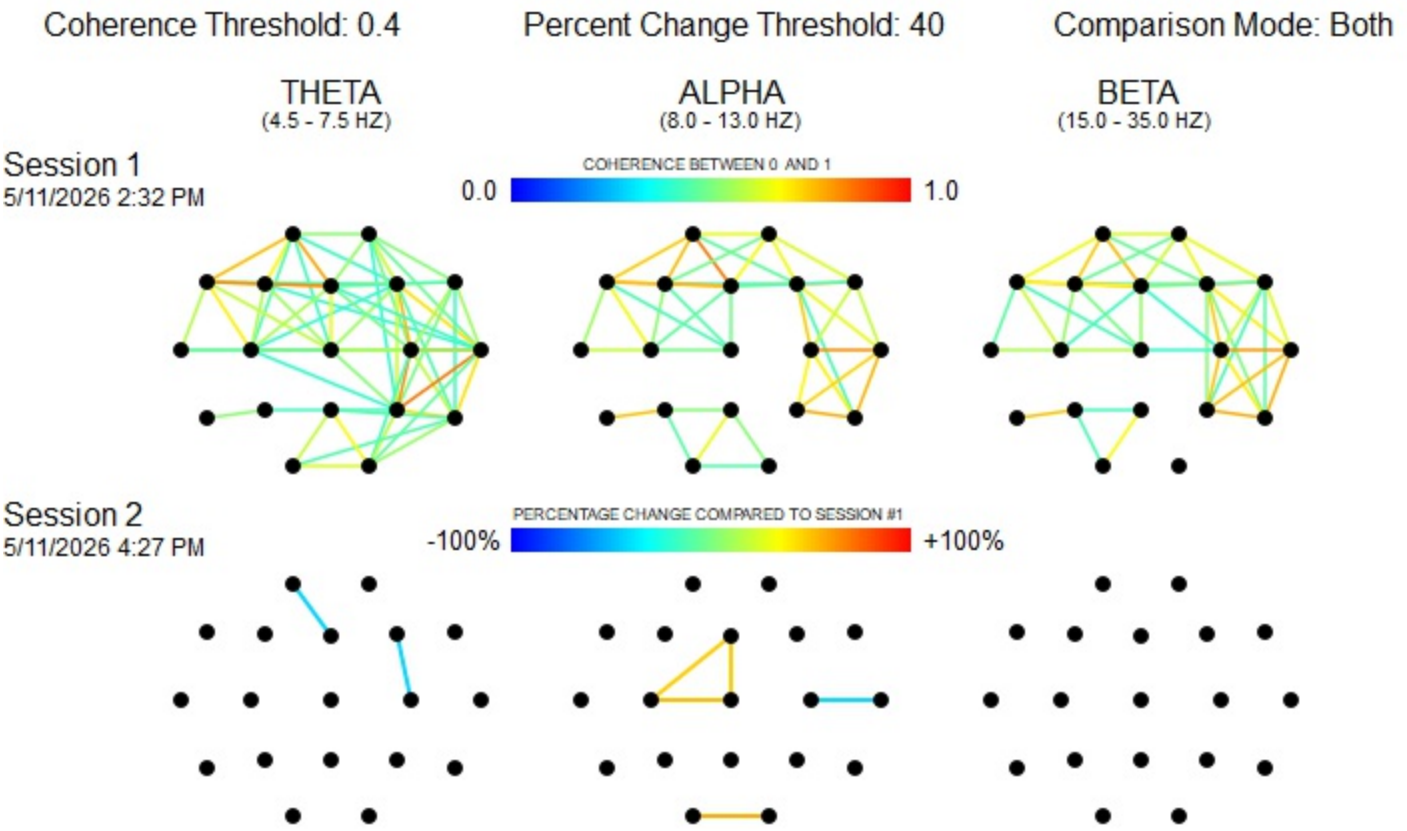
Color Key

Session 1 (5/11/2026) Session 2 (5/11/2026)



Coherence Network Graphs, P300 Eyes Closed

The first row shows color-mapped coherence between head locations in the first session. Subsequent rows show color-mapped percent changes in additional sessions compared to the first session.



Appendix

Low Yield (⬓): This is reported when the amount and/or quality of the acquired data are insufficient to generate an accurate number. This may result from the presence of one or more artifact sources such as motion, sweating, poor electrode-scalp contact, or interference from nearby electronic equipment.

Questionable Value (**?**): Possibly due to low Alpha or Peak Frequency magnitude relative to background EEG noise.

Excess Synchrony (↟): A type of artifact which may affect multiple channels equally at the same time. This may be due to improper electrode connections or environmental interference. Excess Synchrony can reduce the accuracy of background EEG metrics.

Manually Modified Artifacting (★): Shown next to sessions in which at least one input file has manually modified artifacting.

Sync Blinks: Short for "synchronized eye blinks," this is reported when FP1 or FP2 is greater than or equal to 20 µV. Sync Blinks may affect the reported P300 and/or Flanker test depths and latencies at other electrode locations.

P300 Metrics

Physical Reaction Time: The **average** time of the physical response to rare tones, derived from mouse or keyboard input.

- Reported as "**N/A**" if there were **less than 15** physical responses to rare tones.

Audio P300 Delay and **Audio P300 Voltage** metrics are derived from **Central-Parietal (C-P)** locations **CZ, C3, C4, PZ, P3, and P4 with sufficient yield**.

- For these metrics, "**yield**" is defined as the number of brain responses to rare tones which contain **minimal artifact**.

Audio P300 Delay: The **fastest** C-P latency **between 240-499 ms** after a rare tone, among locations that are **at least 3 µV**.

- Reported as "**N/A**" if **no** C-P location is **at least 3 µV**, or **no** C-P location has a yield of **at least 20** rare events.

Audio P300 Voltage: The **largest** C-P amplitude **between 240-499 ms** after a rare tone.

- Reported as "**N/A**" if **no** C-P location has a yield of **at least 20** rare events.
- Reported as "**< 0 µV**" if the voltage at **all** C-P locations is **less than 0 µV**.

Low Yield (⬓) is shown next to values for Audio P300 Delay or Audio P300 Voltage if:

- **Less than 3** C-P locations have a yield of **at least 30**; OR
- **40% or more** data segments contain **excessive Delta artifact** at the location from which the metric was derived.

Background EEG Metrics

Metrics include **CZ Theta/Beta, F3/F4 Alpha, Coherence, Muscle Tension, Peak Frequency**. For eyes closed metrics, P300 needs to be run, otherwise reported as "**N/A**".

Low Yield (⬓) is shown next to a background EEG metric if:

- **Less than 30** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 40%** of data segments contain **excessive Delta artifact**.

"**N/A**" is reported for a background EEG metric if:

- **Less than 20** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 50%** of data segments contain **excessive Delta artifact**.

P300 Topos

A P300 topo is generated for a session if **at least 3** C-P locations have a yield of **at least 20** rare events. Otherwise, "**N/A**" is shown.

Black Xs indicate topo locations with a yield of **less than 20** rare events. For graphical interpolation purposes, these locations are also set to 0 µV regardless of their actual values.

A topo location is considered "**good**" if its yield is **at least 20** rare events, and its voltage is **at least 3 µV**.

The warning "**No consistent P300**" is shown below a topo if:

- **At least 2** good locations are **less than 350 ms**, and **at least 2** good locations are **greater than 450 ms**; OR
- **Less than 40%** of good C-P location pairs are **within 75 ms**; OR
- The C-P location with the **largest µV** value is **at 500 ms** after a rare event.

For more information, please see wavimed.com/publications.

WAVi Scan Clinician Report

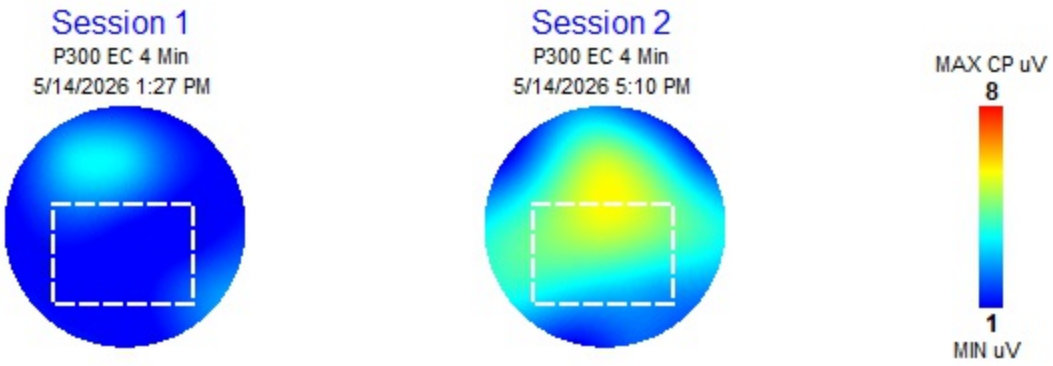
[redacted] — Generated: 5/14/2026 6:11 PM

Session Number	Reason for Visit	Presenting Concerns	Change	Sleep	Since Meal	Age
Session 1 (5/14/2026)	Followup	N/A	N/A	N/A	N/A	48 yrs
Session 2 (5/14/2026)	Followup	N/A	N/A	N/A	N/A	48 yrs

Symbol Key: ? = Questionable Value
See Appendix for explanations of metrics and symbols shown on this page.

Performance Assessments	Session 1 (5/14/2026)	Session 2 (5/14/2026)	Target Range
Physical Reaction Time	344 (±47) ms	295 (±43) ms	251–361 ms
Frontal			
F3/F4 Eyes Closed Alpha (Power)	1.1	1.0	0.9–1.1
Peak Frequency (7.0–13.0 Hz)	12.5 Hz	11.8 Hz	8.5–11.0 Hz
Test/Retest Change	-	-0.8 Hz	±0.2 Hz
Central-Parietal			
Audio P300 Delay	N/A	248 ms	262–341 ms
Test/Retest Change	-	N/A	±11 ms
Audio P300 Voltage	1.2 µV	5.9 µV	8–18 µV
Test/Retest Change	-	5 µV	±2 µV
Peak Frequency (7.0–13.0 Hz)	12.5 Hz	12.2 Hz	9.0–11.0 Hz
Test/Retest Change	-	-0.2 Hz	±0.2 Hz
CZ Eyes Open Theta/Beta (Power)	0.5	N/A	0.8–1.8
CZ Eyes Closed Theta/Beta (Power)	0.5	0.4	0.8–1.8
Occipital			
Peak Frequency (7.0–13.0 Hz)	12.5 Hz	12.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	0.0 Hz	±0.2 Hz

Maximum P300 Test Depth (µV) — Range: 240–500 ms — Topo scale referenced to Session 2
Dashed rectangle indicates Central-Parietal region used for evoked potential metrics

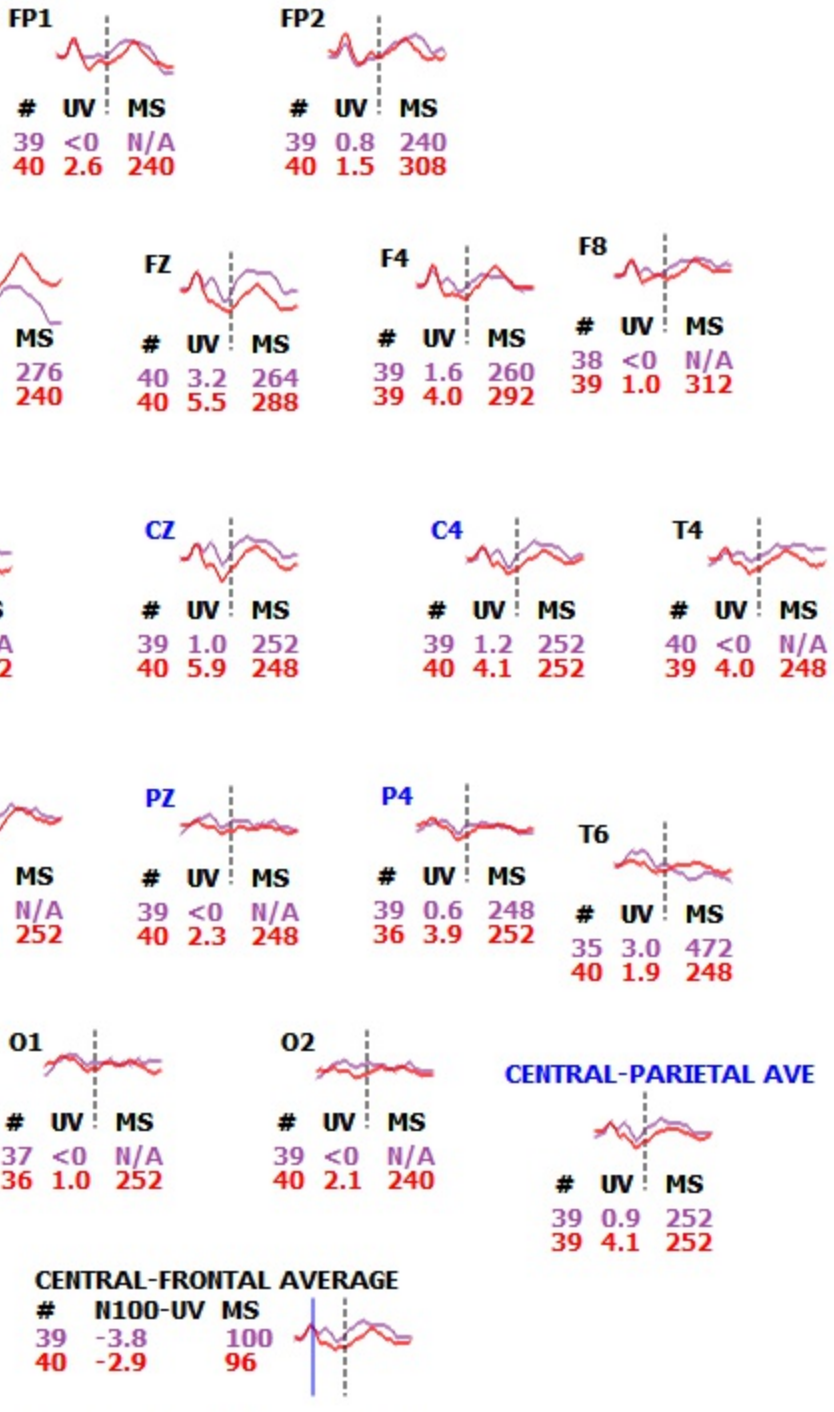


P300 Rare Comparison

Rare responses are compared across sessions.
Yield Display Threshold: 20

Color Key
Session 1 (5/14/2026) Session 2 (5/14/2026)

P300s typically occur between 240 and 450 msec.
Probable depth and latency of true P300 is indicated on 1st page of report.
# Indicates yield. *Indicates possible artifact during late P300.



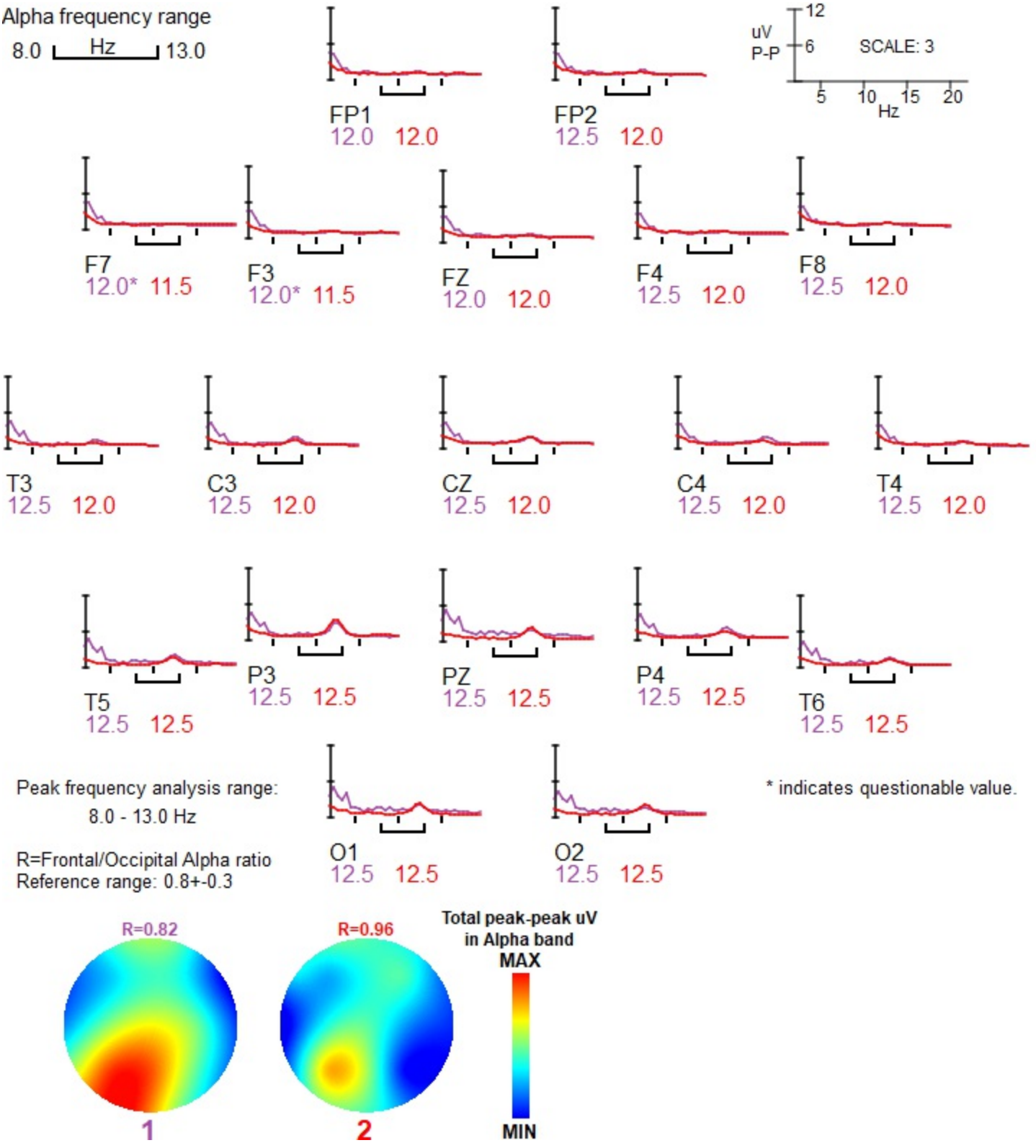
Blue line indicates 100 msec post stimulus.
Maximum N100 reported between 80-120 msec.

Largest depths between 240-500 msec are reported, except for N100. Dotted lines at 300 msec post stimulus.

Spectrum Comparison, P300 Eyes Closed

Color Key

Session 1 (5/14/2026) Session 2 (5/14/2026)



Appendix

Low Yield (⬓): This is reported when the amount and/or quality of the acquired data are insufficient to generate an accurate number. This may result from the presence of one or more artifact sources such as motion, sweating, poor electrode-scalp contact, or interference from nearby electronic equipment.

Questionable Value (**?**): Possibly due to low Alpha or Peak Frequency magnitude relative to background EEG noise.

Excess Synchrony (↟): A type of artifact which may affect multiple channels equally at the same time. This may be due to improper electrode connections or environmental interference. Excess Synchrony can reduce the accuracy of background EEG metrics.

Manually Modified Artifacting (★): Shown next to sessions in which at least one input file has manually modified artifacting.

Sync Blinks: Short for "synchronized eye blinks," this is reported when FP1 or FP2 is greater than or equal to 20 µV. Sync Blinks may affect the reported P300 and/or Flanker test depths and latencies at other electrode locations.

P300 Metrics

Physical Reaction Time: The **average** time of the physical response to rare tones, derived from mouse or keyboard input.

- Reported as "**N/A**" if there were **less than 15** physical responses to rare tones.

Audio P300 Delay and **Audio P300 Voltage** metrics are derived from **Central-Parietal (C-P)** locations **CZ, C3, C4, PZ, P3, and P4 with sufficient yield**.

- For these metrics, "**yield**" is defined as the number of brain responses to rare tones which contain **minimal artifact**.

Audio P300 Delay: The **fastest** C-P latency **between 240-499 ms** after a rare tone, among locations that are **at least 3 µV**.

- Reported as "**N/A**" if **no** C-P location is **at least 3 µV**, or **no** C-P location has a yield of **at least 20** rare events.

Audio P300 Voltage: The **largest** C-P amplitude **between 240-499 ms** after a rare tone.

- Reported as "**N/A**" if **no** C-P location has a yield of **at least 20** rare events.
- Reported as "**< 0 µV**" if the voltage at **all** C-P locations is **less than 0 µV**.

Low Yield (⬓) is shown next to values for Audio P300 Delay or Audio P300 Voltage if:

- **Less than 3** C-P locations have a yield of **at least 30**; OR
- **40% or more** data segments contain **excessive Delta artifact** at the location from which the metric was derived.

Background EEG Metrics

Metrics include **CZ Theta/Beta, F3/F4 Alpha, Coherence, Muscle Tension, Peak Frequency**. For eyes closed metrics, P300 needs to be run, otherwise reported as "**N/A**".

Low Yield (⬓) is shown next to a background EEG metric if:

- **Less than 30** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 40%** of data segments contain **excessive Delta artifact**.

"**N/A**" is reported for a background EEG metric if:

- **Less than 20** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 50%** of data segments contain **excessive Delta artifact**.

P300 Topos

A P300 topo is generated for a session if **at least 3** C-P locations have a yield of **at least 20** rare events. Otherwise, "**N/A**" is shown.

Black Xs indicate topo locations with a yield of **less than 20** rare events. For graphical interpolation purposes, these locations are also set to 0 µV regardless of their actual values.

A topo location is considered "**good**" if its yield is **at least 20** rare events, and its voltage is **at least 3 µV**.

The warning "**No consistent P300**" is shown below a topo if:

- **At least 2** good locations are **less than 350 ms**, and **at least 2** good locations are **greater than 450 ms**; OR
- **Less than 40%** of good C-P location pairs are **within 75 ms**; OR
- The C-P location with the **largest µV** value is **at 500 ms** after a rare event.

For more information, please see wavimed.com/publications.

WAVi Scan Clinician Report

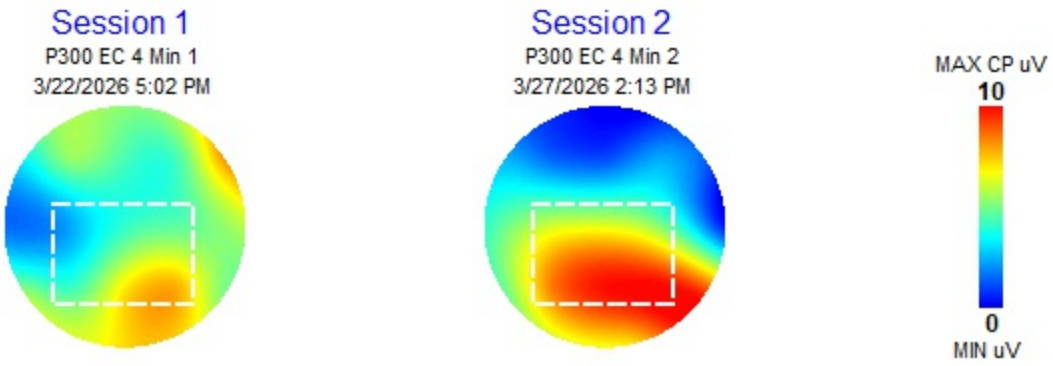
[redacted] — ID: N/A — Generated: 3/27/2026 2:25 PM

Session Number	Reason for Visit	Presenting Concerns	Change	Sleep	Since Meal	Age
Session 1 (3/22/2026)	Baseline	N/A	N/A	4-6 hrs	4-6 hrs	28 yrs
Session 2 (3/27/2026)	Followup	N/A	Better	4-6 hrs	1-3 hrs	28 yrs

Symbol Key: ? = Questionable Value
See Appendix for explanations of metrics and symbols shown on this page.

Performance Assessments	Session 1 (3/22/2026)	Session 2 (3/27/2026)	Target Range
Physical Reaction Time	278 (±50) ms	316 (±101) ms	259–372 ms
Frontal			
F3/F4 Eyes Closed Alpha (Power)	1.1	0.7	0.9–1.1
Peak Frequency (7.0–13.0 Hz)	? 10.5 Hz	10.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	0.0 Hz	±0.2 Hz
Central-Parietal			
Audio P300 Delay	304 ms	260 ms	246–320 ms
Test/Retest Change	-	-44 ms	±11 ms
Audio P300 Voltage	8.3 µV	10.1 µV	9–22 µV
Test/Retest Change	-	2 µV	±2 µV
Peak Frequency (7.0–13.0 Hz)	10.5 Hz	10.4 Hz	9.0–11.0 Hz
Test/Retest Change	-	-0.1 Hz	±0.2 Hz
CZ Eyes Open Theta/Beta (Power)	N/A	N/A	1.0–2.4
CZ Eyes Closed Theta/Beta (Power)	0.6	0.6	1.0–2.4
Occipital			
Peak Frequency (7.0–13.0 Hz)	10.5 Hz	10.2 Hz	9.0–11.0 Hz
Test/Retest Change	-	-0.2 Hz	±0.2 Hz

Maximum P300 Test Depth (µV) — Range: 240–500 ms — Topo scale referenced to Session 2
Dashed rectangle indicates Central-Parietal region used for evoked potential metrics

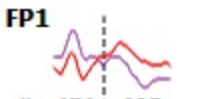


P300 Rare Comparison

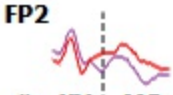
Rare responses are compared across sessions.
Yield Display Threshold: 20

Color Key
Session 1 (3/22/2026) Session 2 (3/27/2026)

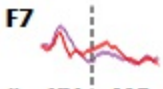
P300s typically occur between 240 and 450 msec.
Probable depth and latency of true P300 is indicated on 1st page of report.
# Indicates yield. *Indicates possible artifact during late P300.



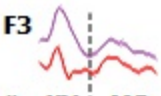
FP1	#	UV	MS
	37	5.8	500*
	37	<0	N/A



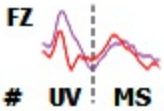
FP2	#	UV	MS
	37	5.6	500*
	36	<0	N/A



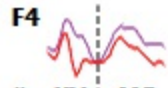
F7	#	UV	MS
	38	4.6	292
	34	2.5	500*



F3	#	UV	MS
	37	4.3	300
	38	2.3	324

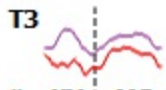


FZ	#	UV	MS
	38	6.4	296
	36	1.7	296

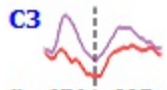


F4	#	UV	MS
	37	3.4	300
	37	1.9	268

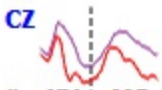
F8	#	UV	MS
	32	9.1	312
	36	2.1	260



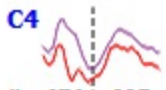
T3	#	UV	MS
	40	1.7	292
	35	4.8	248



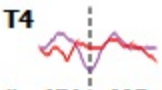
C3	#	UV	MS
	40	2.8	304
	37	5.6	316



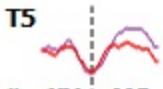
CZ	#	UV	MS
	40	4.0	304
	35	6.8	260



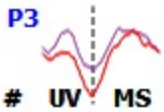
C4	#	UV	MS
	40	5.4	304
	37	5.5	276



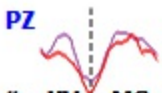
T4	#	UV	MS
	40	5.9	308
	25	<0	N/A



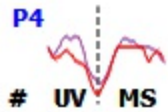
T5	#	UV	MS
	39	5.9	304
	31	4.7	300



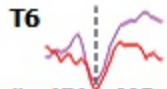
P3	#	UV	MS
	40	4.8	312
	36	9.5	296



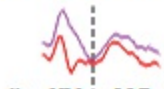
PZ	#	UV	MS
	40	7.1	312
	36	9.8	296



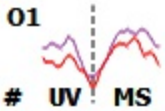
P4	#	UV	MS
	40	8.3	316
	37	10.1	300



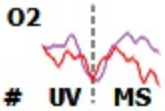
T6	#	UV	MS
	31	5.3	308
	36	10.5	300



F3-FZ-F4 AVE	#	UV	MS
	37	4.7	300
	37	1.9	312

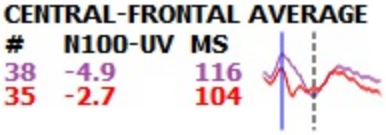


O1	#	UV	MS
	40	6.9	296
	35	6.4	300



O2	#	UV	MS
	35	7.8	332
	36	7.4	296

CENTRAL-PARIETAL AVE	#	UV	MS
	40	5.4	308
	36	7.7	296



CENTRAL-FRONTAL AVERAGE	#	N100-UV	MS
	38	-4.9	116
	35	-2.7	104

Blue line indicates 100 msec post stimulus.
Maximum N100 reported between 80-120 msec.

Largest depths between 240-500 msec are reported, except for N100. Dotted lines at 300 msec post stimulus.

Performance Assessments

These assessments are provided for convenience only, and are to be used in accordance with their specific instructions. If an assessment was not at least partially completed in a given session, then the values for that session will be blank.

Abbreviation Key

S1 = Session 1 (3/22/2026) S2 = Session 2 (3/27/2026)

Trail Making Test Results

Target Scores: Part A 37–63 sec, Part B 46–89 sec

Metric	S1	S2
Part A Time (seconds)	-	-
Part B Time (seconds)	-	-

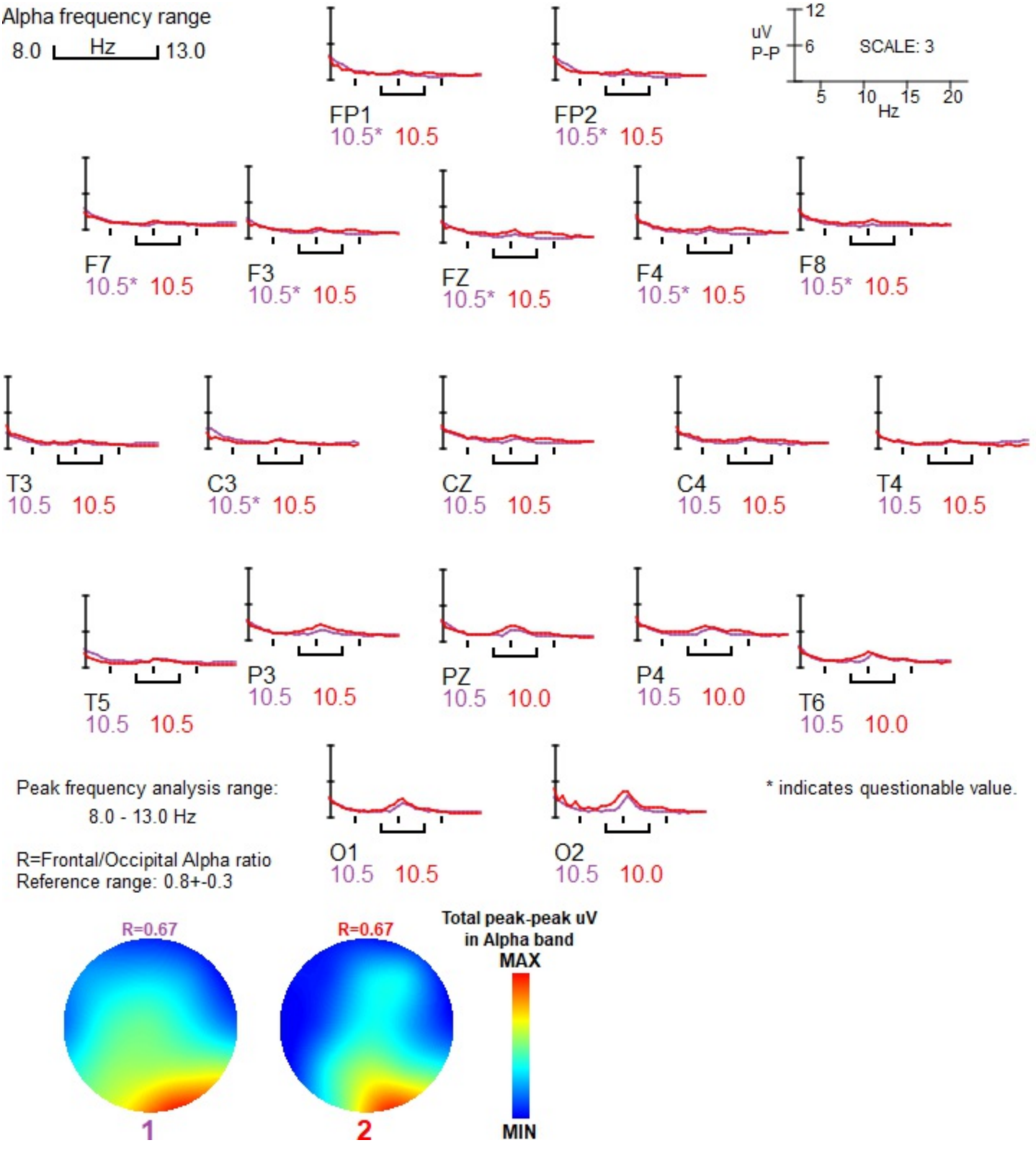
Flanker Metric Summary

Metric	S1	S2
Trials	112	112
Responses	111	111
Correct	109	106
Incorrect	2	5
Non-flanker (msec)	380	390
Congruent (msec)	400	405
Incongruent (msec)	470	465

Spectrum Comparison, P300 Eyes Closed

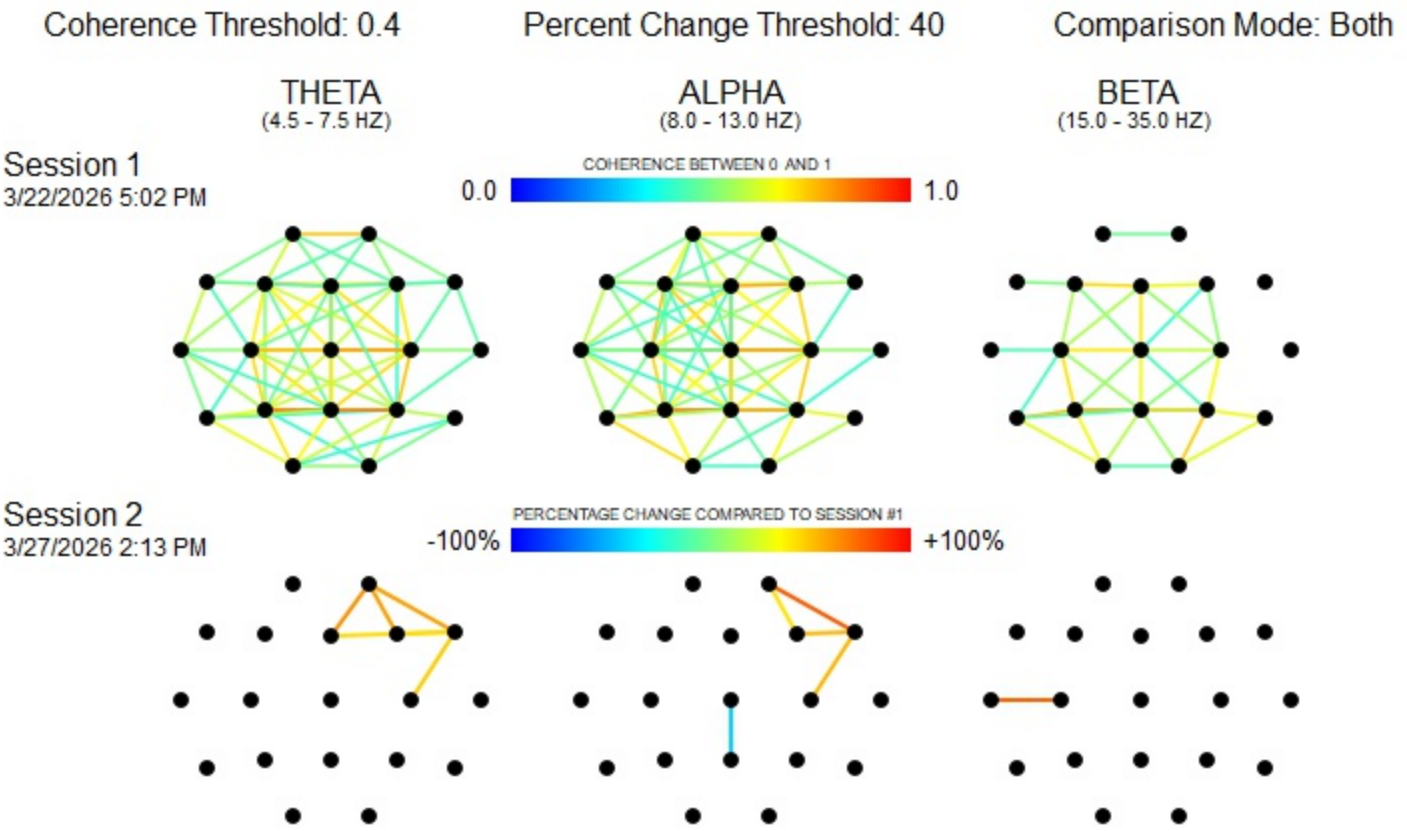
Color Key

Session 1 (3/22/2026) Session 2 (3/27/2026)



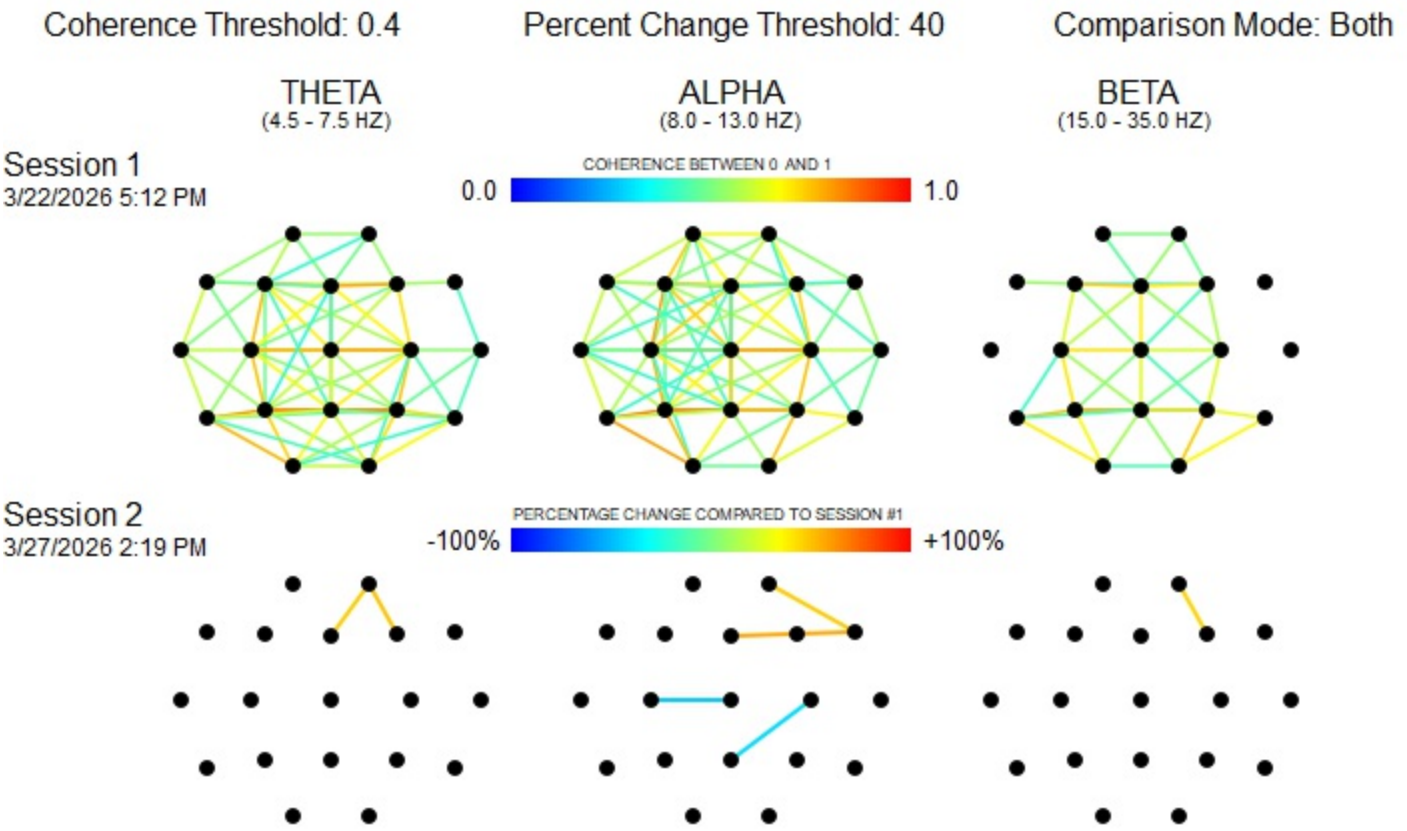
Coherence Network Graphs, P300 Eyes Closed

The first row shows color-mapped coherence between head locations in the first session. Subsequent rows show color-mapped percent changes in additional sessions compared to the first session.



Coherence Network Graphs, Eyes Closed Resting

The first row shows color-mapped coherence between head locations in the first session. Subsequent rows show color-mapped percent changes in additional sessions compared to the first session.



Coherence Network Graphs, Eyes Open Focused

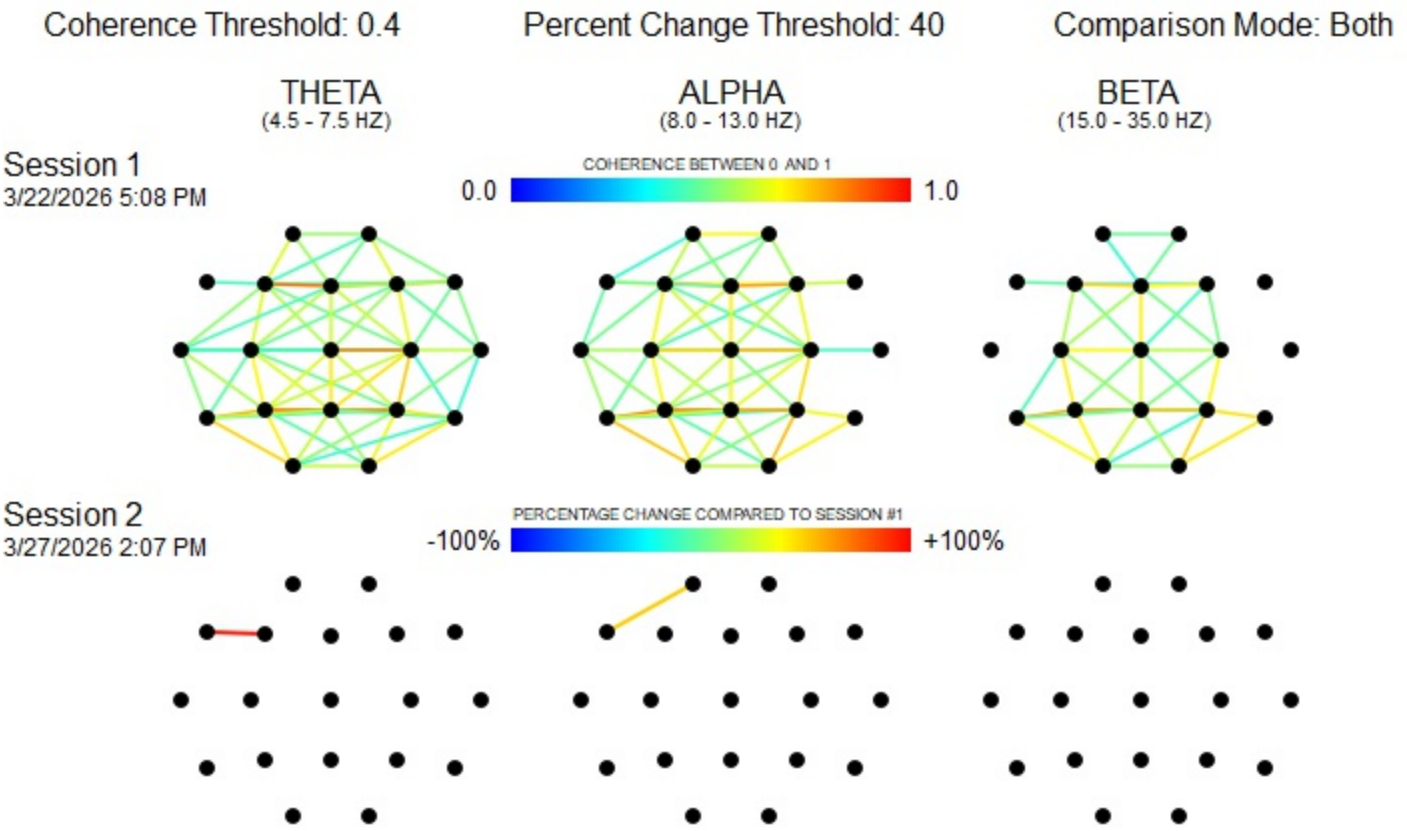
The first row shows color-mapped coherence between head locations in the first session. Subsequent rows show color-mapped percent changes in additional sessions compared to the first session.

Protocol not run for Sessions 1, 2.

EYES OPEN BASELINE NOT ACQUIRED DURING SESSION 1

Coherence Network Graphs, Eyes Open Focused During Flanker

The first row shows color-mapped coherence between head locations in the first session. Subsequent rows show color-mapped percent changes in additional sessions compared to the first session.



Appendix

Low Yield (⬓): This is reported when the amount and/or quality of the acquired data are insufficient to generate an accurate number. This may result from the presence of one or more artifact sources such as motion, sweating, poor electrode-scalp contact, or interference from nearby electronic equipment.

Questionable Value (**?**): Possibly due to low Alpha or Peak Frequency magnitude relative to background EEG noise.

Excess Synchrony (↟): A type of artifact which may affect multiple channels equally at the same time. This may be due to improper electrode connections or environmental interference. Excess Synchrony can reduce the accuracy of background EEG metrics.

Manually Modified Artifacting (★): Shown next to sessions in which at least one input file has manually modified artifacting.

Sync Blinks: Short for "synchronized eye blinks," this is reported when FP1 or FP2 is greater than or equal to 20 µV. Sync Blinks may affect the reported P300 and/or Flanker test depths and latencies at other electrode locations.

P300 Metrics

Physical Reaction Time: The **average** time of the physical response to rare tones, derived from mouse or keyboard input.

- Reported as "**N/A**" if there were **less than 15** physical responses to rare tones.

Audio P300 Delay and **Audio P300 Voltage** metrics are derived from **Central-Parietal (C-P)** locations **CZ, C3, C4, PZ, P3, and P4 with sufficient yield**.

- For these metrics, "**yield**" is defined as the number of brain responses to rare tones which contain **minimal artifact**.

Audio P300 Delay: The **fastest** C-P latency **between 240-499 ms** after a rare tone, among locations that are **at least 3 µV**.

- Reported as "**N/A**" if **no** C-P location is **at least 3 µV**, or **no** C-P location has a yield of **at least 20** rare events.

Audio P300 Voltage: The **largest** C-P amplitude **between 240-499 ms** after a rare tone.

- Reported as "**N/A**" if **no** C-P location has a yield of **at least 20** rare events.
- Reported as "**< 0 µV**" if the voltage at **all** C-P locations is **less than 0 µV**.

Low Yield (⬓) is shown next to values for Audio P300 Delay or Audio P300 Voltage if:

- **Less than 3** C-P locations have a yield of **at least 30**; OR
- **40% or more** data segments contain **excessive Delta artifact** at the location from which the metric was derived.

Background EEG Metrics

Metrics include **CZ Theta/Beta, F3/F4 Alpha, Coherence, Muscle Tension, Peak Frequency**. For eyes closed metrics, P300 needs to be run, otherwise reported as "**N/A**".

Low Yield (⬓) is shown next to a background EEG metric if:

- **Less than 30** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 40%** of data segments contain **excessive Delta artifact**.

"**N/A**" is reported for a background EEG metric if:

- **Less than 20** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 50%** of data segments contain **excessive Delta artifact**.

P300 Topos

A P300 topo is generated for a session if **at least 3** C-P locations have a yield of **at least 20** rare events. Otherwise, "**N/A**" is shown.

Black Xs indicate topo locations with a yield of **less than 20** rare events. For graphical interpolation purposes, these locations are also set to 0 µV regardless of their actual values.

A topo location is considered "**good**" if its yield is **at least 20** rare events, and its voltage is **at least 3 µV**.

The warning "**No consistent P300**" is shown below a topo if:

- **At least 2** good locations are **less than 350 ms**, and **at least 2** good locations are **greater than 450 ms**; OR
- **Less than 40%** of good C-P location pairs are **within 75 ms**; OR
- The C-P location with the **largest µV** value is **at 500 ms** after a rare event.

For more information, please see wavimed.com/publications.

WAVi Scan Clinician Report

[redacted] — ID: N/A — Generated: 5/4/2026 1:40 PM

Session Number	Reason for Visit	Presenting Concerns	Change	Sleep	Since Meal	Age
Session 1 (5/4/2026)	Directly Post Procedure	N/A	N/A	N/A	N/A	28 yrs

Symbol Key: **?** = Questionable Value
See Appendix for explanations of metrics and symbols shown on this page.

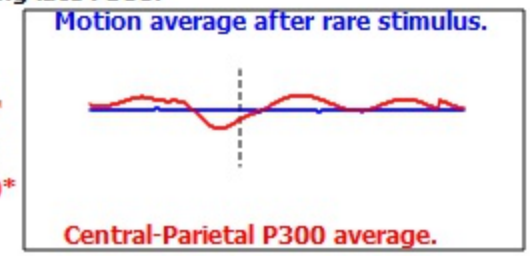
Performance Assessments	Session 1 (5/4/2026)	Target Range
Physical Reaction Time	270 (±44) ms	259–372 ms
Frontal		
F3/F4 Eyes Closed Alpha (Power)	1.4	0.9–1.1
Peak Frequency (7.0–13.0 Hz)	**?** 7.0 Hz	9.0–11.0 Hz
Test/Retest Change	-	±0.2 Hz
Central-Parietal		
Audio P300 Delay	256 ms	246–320 ms
Test/Retest Change	-	±11 ms
Audio P300 Voltage	8.5 µV	9–22 µV
Test/Retest Change	-	±2 µV
Peak Frequency (7.0–13.0 Hz)	10.2 Hz	9.0–11.0 Hz
Test/Retest Change	-	±0.2 Hz
CZ Eyes Open Theta/Beta (Power)	1.3	1.0–2.4
CZ Eyes Closed Theta/Beta (Power)	1.9	1.0–2.4
Occipital		
Peak Frequency (7.0–13.0 Hz)	10.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	±0.2 Hz

Maximum P300 Test Depth (µV) — Range: 240–500 ms
Dashed rectangle indicates Central-Parietal region used for evoked potential metrics

P300 Common/Rare Comparison, Session 1 (5/4/2026)
Common responses are compared to rare responses.
Yield Display Threshold: 20

Color Key
Common Rare

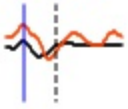
P300s typically occur between 240 and 450 msec.
Probable depth and latency of true P300 is indicated on 1st page of report.
# Indicates yield. *Indicates possible artifact during late P300.



	#	UV	MS
FP1	34	8.3	500*
FP2	36	6.4	500*
F7	28	3.0	244
F3	34	9.0	500*
FZ	39	8.3	256
F4	38	5.8	256
F8	33	5.6	260
T3	34	5.6	284
C3	37	6.2	264
CZ	34	8.5	256
C4	39	6.8	256
T4	38	6.8	260
T5	38	5.1	280
P3	36	4.4	272
PZ	37	6.7	256
P4	38	4.3	256
T6	34	5.0	260
F3-FZ-F4 AVE	37	7.3	256
O1	35	5.9	260
O2	38	4.4	260
CENTRAL-PARIETAL AVE	36	6.1	260

CENTRAL-FRONTAL AVERAGE

#	N100-UV	MS
35	-2.8	104



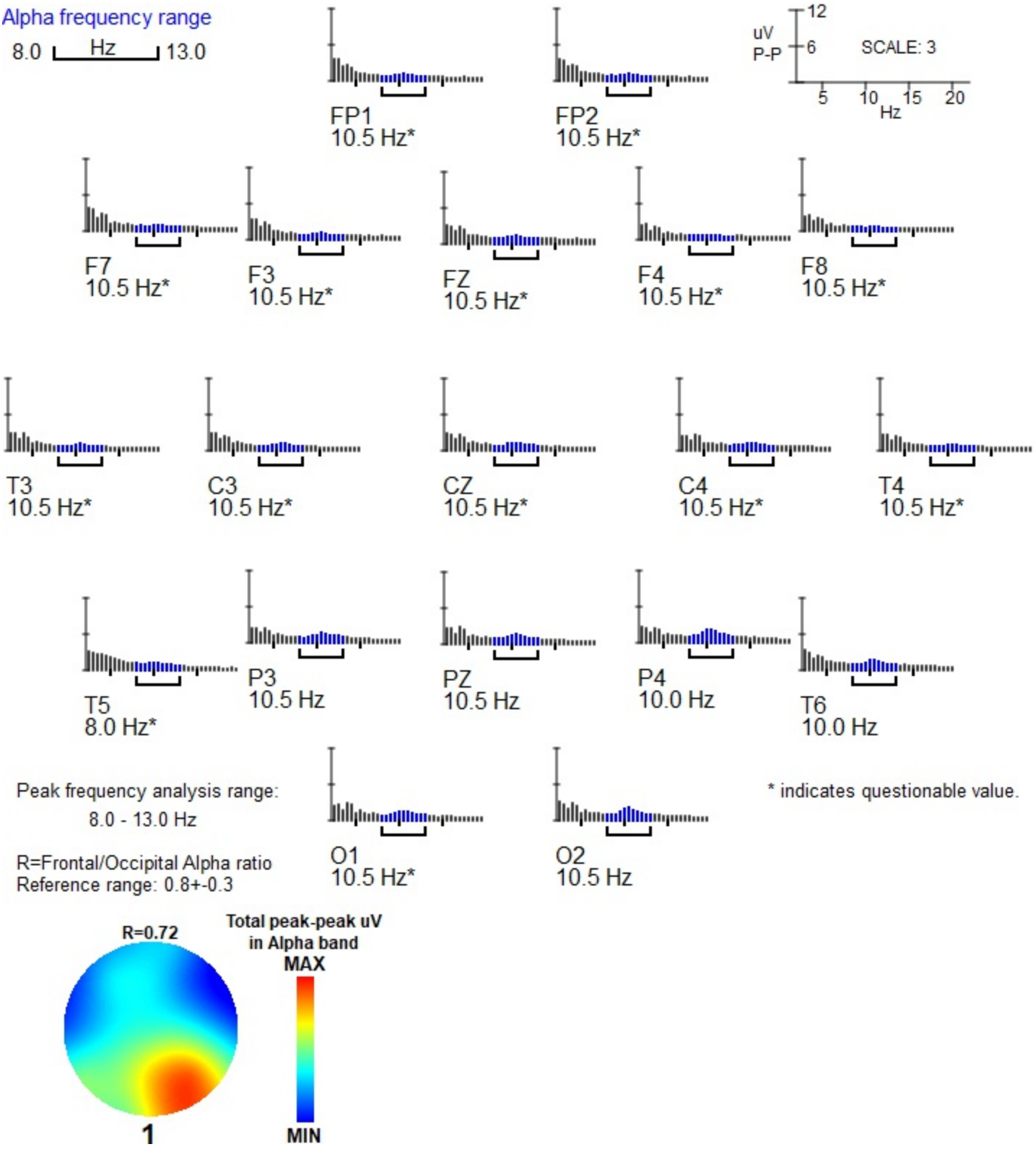
Blue line indicates 100 msec post stimulus.
Maximum N100 reported between 80-120 msec.

Largest depths between 240-500 msec are reported, except for N100. Dotted lines at 300 msec post stimulus.

Spectrum, P300 Eyes Closed, Session 1 (5/4/2026)

Color Key

Session 1 (5/4/2026)



Appendix

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Questionable Value (**?**): Possibly due to low Alpha or Peak Frequency magnitude relative to background EEG noise.

Excess Synchrony (↟): A type of artifact which may affect multiple channels equally at the same time. This may be due to improper electrode connections or environmental interference. Excess Synchrony can reduce the accuracy of background EEG metrics.

Manually Modified Artifacting (★): Shown next to sessions in which at least one input file has manually modified artifacting.

Sync Blinks: Short for "synchronized eye blinks," this is reported when FP1 or FP2 is greater than or equal to 20 µV. Sync Blinks may affect the reported P300 and/or Flanker test depths and latencies at other electrode locations.

P300 Metrics

Physical Reaction Time: The **average** time of the physical response to rare tones, derived from mouse or keyboard input.

- Reported as "**N/A**" if there were **less than 15** physical responses to rare tones.

Audio P300 Delay and **Audio P300 Voltage** metrics are derived from **Central-Parietal (C-P)** locations **CZ, C3, C4, PZ, P3, and P4 with sufficient yield**.

- For these metrics, "**yield**" is defined as the number of brain responses to rare tones which contain **minimal artifact**.

Audio P300 Delay: The **fastest** C-P latency **between 240-499 ms** after a rare tone, among locations that are **at least 3 µV**.

- Reported as "**N/A**" if **no** C-P location is **at least 3 µV**, or **no** C-P location has a yield of **at least 20** rare events.

Audio P300 Voltage: The **largest** C-P amplitude **between 240-499 ms** after a rare tone.

- Reported as "**N/A**" if **no** C-P location has a yield of **at least 20** rare events.
- Reported as "**< 0 µV**" if the voltage at **all** C-P locations is **less than 0 µV**.

Low Yield (⬓) is shown next to values for Audio P300 Delay or Audio P300 Voltage if:

- **Less than 3** C-P locations have a yield of **at least 30**; OR
- **40% or more** data segments contain **excessive Delta artifact** at the location from which the metric was derived.

Background EEG Metrics

Metrics include **CZ Theta/Beta, F3/F4 Alpha, Coherence, Muscle Tension, Peak Frequency**. For eyes closed metrics, P300 needs to be run, otherwise reported as "**N/A**".

Low Yield (⬓) is shown next to a background EEG metric if:

- **Less than 30** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 40%** of data segments contain **excessive Delta artifact**.

"**N/A**" is reported for a background EEG metric if:

- **Less than 20** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 50%** of data segments contain **excessive Delta artifact**.

P300 Topos

A P300 topo is generated for a session if **at least 3** C-P locations have a yield of **at least 20** rare events. Otherwise, "**N/A**" is shown.

Black Xs indicate topo locations with a yield of **less than 20** rare events. For graphical interpolation purposes, these locations are also set to 0 µV regardless of their actual values.

A topo location is considered "**good**" if its yield is **at least 20** rare events, and its voltage is **at least 3 µV**.

The warning "**No consistent P300**" is shown below a topo if:

- **At least 2** good locations are **less than 350 ms**, and **at least 2** good locations are **greater than 450 ms**; OR
- **Less than 40%** of good C-P location pairs are **within 75 ms**; OR
- The C-P location with the **largest µV** value is **at 500 ms** after a rare event.

For more information, please see wavimed.com/publications.

Patient Report

Direct measurements of brain function

Patient: [redacted]
General Health Checkup: No
Presenting Concerns: N/A

Referring Physician: N/A
Scan Date: 5/4/2026 12:24 PM

Key Metrics

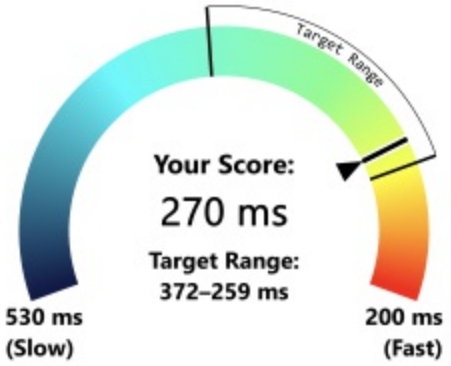
Brain Reaction Voltage

A measure of cognitive resources. This voltage is influenced by genetics and factors such as age, poor cardiovascular fitness, and various conditions associated with reduced cognitive function.

Brain Reaction Time

A measure of cognitive processing speed. This speed is influenced by genetics and factors such as age, poor cardiovascular fitness, and various conditions associated with reduced cognitive function.

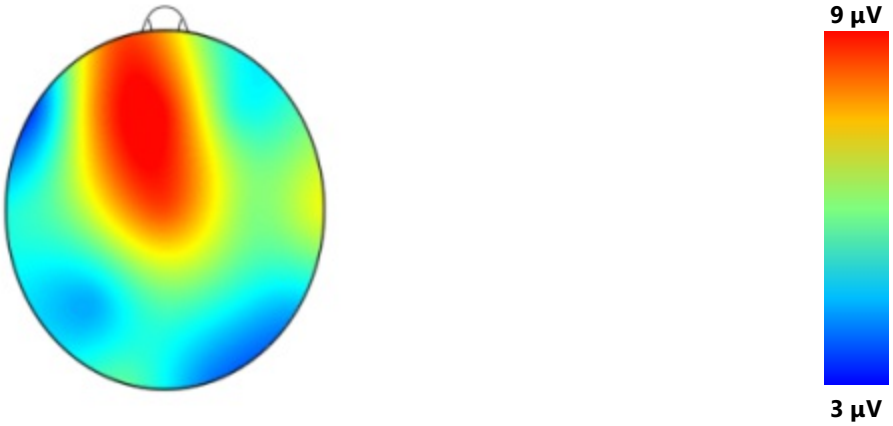
Physical Reaction Time



Your Physical Reaction Time is distinct from your Brain Reaction Time. This speed may decline with factors such as age, fatigue, and various physical conditions.

Brain Reaction Voltage Map

Scan (5/4/2026 1:26 PM)



Theta/Beta Ratio

A measure of wandering vs. focused attention. People with high scores often self-identify as also having multitasking traits or concentration issues. Consult your practitioner to decide if this trait is a deficit or an asset to you.

Frontal Alpha Symmetry

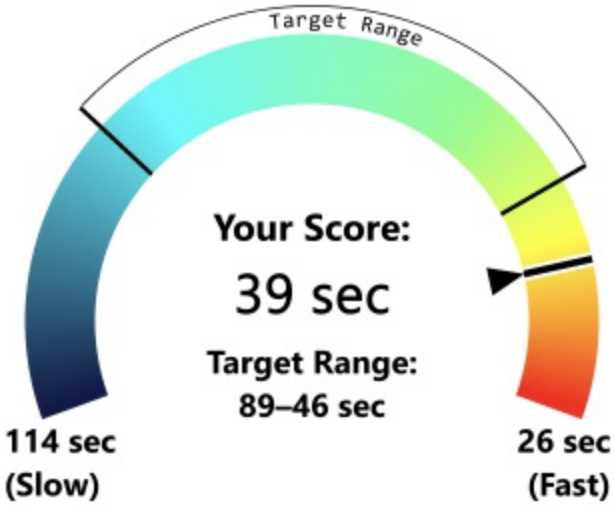
A measure of frontal symmetry. Scores outside of the target range may indicate a decreased efficiency associated with stress or low moods.

Trail Making Tests

Part A

Connect randomly placed dots with sequential numbers (1, 2, 3, etc.) in the correct order.

Part B



Connect randomly placed dots by alternating between numbers and letters (1, A, 2, B, etc.) in the correct order.

Physical State

These items can affect cognitive performance, and should be considered when interpreting your results.

Scan (5/4/2026 12:24 PM)

Intake questions were not answered or are unavailable.

How to Optimize Your Cognitive Performance

Your practitioner recommends the following changes before your next WAVi scan.

Medications: No recommendations

Supplements: No recommendations

Diet: No recommendations

Therapies/interventions: No recommendations

Lifestyle: No recommendations

Suggested Followup

Regular testing is the key to optimizing your cognitive performance. The ideal time between scans will vary for each individual. Your practitioner has suggested a followup date based on your specific needs and goals.

Your next WAVi scan is due:
No followup date specified.

WAVi Scan Clinician Report

[redacted] — ID: — Generated: 5/16/2026 4:27 PM

Session Number	Reason for Visit	Presenting Concerns	Change	Sleep	Since Meal	Age
Session 1 (5/16/2026)	Baseline	N/A	N/A	N/A	N/A	28 yrs

Symbol Key: ? = Questionable Value
See Appendix for explanations of metrics and symbols shown on this page.

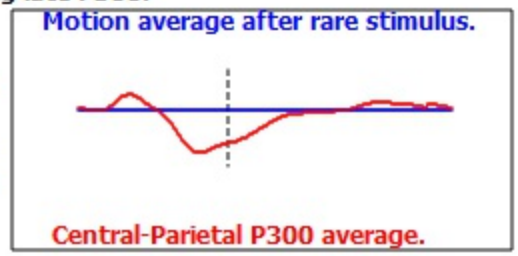
Performance Assessments	Session 1 (5/16/2026)	Target Range
Physical Reaction Time	299 (±54) ms	259–372 ms
Frontal		
F3/F4 Eyes Closed Alpha (Power)	0.9	0.9–1.1
Peak Frequency (7.0–13.0 Hz)	**?** 10.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	±0.2 Hz
Central-Parietal		
Audio P300 Delay	240 ms	246–320 ms
Test/Retest Change	-	±11 ms
Audio P300 Voltage	13.5 µV	9–22 µV
Test/Retest Change	-	±2 µV
Peak Frequency (7.0–13.0 Hz)	10.2 Hz	9.0–11.0 Hz
Test/Retest Change	-	±0.2 Hz
CZ Eyes Open Theta/Beta (Power)	N/A	1.0–2.4
CZ Eyes Closed Theta/Beta (Power)	0.5	1.0–2.4
Occipital		
Peak Frequency (7.0–13.0 Hz)	10.8 Hz	9.0–11.0 Hz
Test/Retest Change	-	±0.2 Hz

Maximum P300 Test Depth (µV) — Range: 240–500 ms
Dashed rectangle indicates Central-Parietal region used for evoked potential metrics

P300 Common/Rare Comparison, Session 1 (5/16/2026)
Common responses are compared to rare responses.
Yield Display Threshold: 20

Color Key
Common Rare

P300s typically occur between 240 and 450 msec.
Probable depth and latency of true P300 is indicated on 1st page of report.
# Indicates yield. *Indicates possible artifact during late P300.



	#	UV	MS
FP1	40	4.9	240
FP2	40	6.5	240
F7	40	3.8	240
F3	40	5.5	240
FZ	40	4.8	240
F4	40	6.0	252
F8	40	6.9	256
T3	40	3.7	240
C3	40	8.4	240
CZ	40	13.1	240
C4	40	13.5	248
T4	40	5.2	256
T5	39	1.9	268
P3	38	8.2	244
PZ	39	13.2	248
P4	40	10.2	248
T6	39	2.7	328
F3-FZ-F4 AVE	40	5.4	240
O1	40	3.6	304
O2	39	2.5	240
CENTRAL-PARIETAL AVE	39	11.0	244

CENTRAL-FRONTAL AVERAGE

#	N100-UV	MS
40	-4.2	108

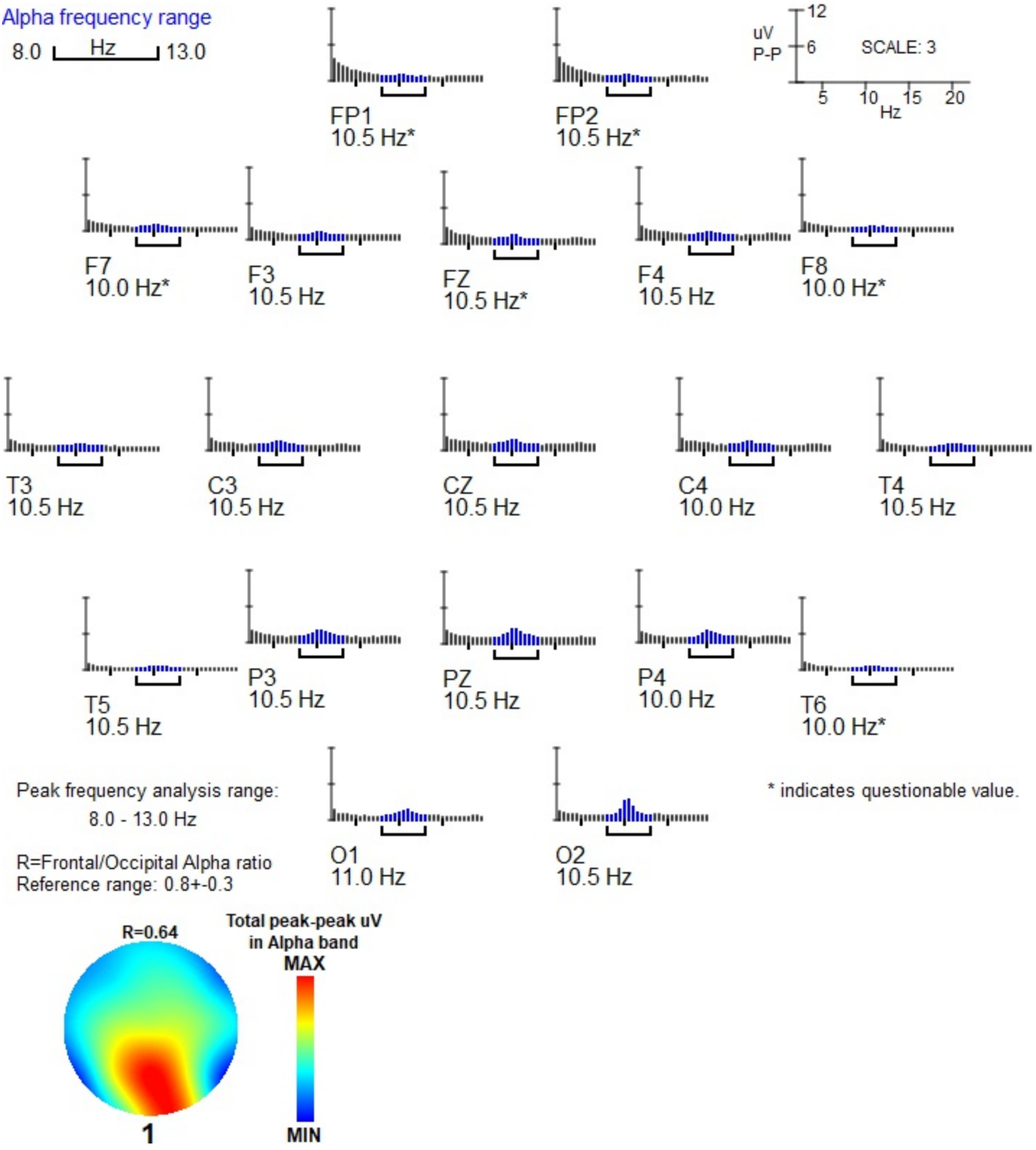
Blue line indicates 100 msec post stimulus.
Maximum N100 reported between 80-120 msec.

Largest depths between 240-500 msec are reported, except for N100. Dotted lines at 300 msec post stimulus.

Spectrum, P300 Eyes Closed, Session 1 (5/16/2026)

Color Key

Session 1 (5/16/2026)



Peak frequency analysis range:
8.0 - 13.0 Hz

R=Frontal/Occipital Alpha ratio
Reference range: 0.8+-0.3

* indicates questionable value.

Appendix

Low Yield (⬓): This is reported when the amount and/or quality of the acquired data are insufficient to generate an accurate number. This may result from the presence of one or more artifact sources such as motion, sweating, poor electrode-scalp contact, or interference from nearby electronic equipment.

Questionable Value (**?**): Possibly due to low Alpha or Peak Frequency magnitude relative to background EEG noise.

Excess Synchrony (↟): A type of artifact which may affect multiple channels equally at the same time. This may be due to improper electrode connections or environmental interference. Excess Synchrony can reduce the accuracy of background EEG metrics.

Manually Modified Artifacting (★): Shown next to sessions in which at least one input file has manually modified artifacting.

Sync Blinks: Short for "synchronized eye blinks," this is reported when FP1 or FP2 is greater than or equal to 20 µV. Sync Blinks may affect the reported P300 and/or Flanker test depths and latencies at other electrode locations.

P300 Metrics

Physical Reaction Time: The **average** time of the physical response to rare tones, derived from mouse or keyboard input.

- Reported as "**N/A**" if there were **less than 15** physical responses to rare tones.

Audio P300 Delay and **Audio P300 Voltage** metrics are derived from **Central-Parietal (C-P)** locations **CZ, C3, C4, PZ, P3, and P4 with sufficient yield**.

- For these metrics, "**yield**" is defined as the number of brain responses to rare tones which contain **minimal artifact**.

Audio P300 Delay: The **fastest** C-P latency **between 240-499 ms** after a rare tone, among locations that are **at least 3 µV**.

- Reported as "**N/A**" if **no** C-P location is **at least 3 µV**, or **no** C-P location has a yield of **at least 20** rare events.

Audio P300 Voltage: The **largest** C-P amplitude **between 240-499 ms** after a rare tone.

- Reported as "**N/A**" if **no** C-P location has a yield of **at least 20** rare events.
- Reported as "**< 0 µV**" if the voltage at **all** C-P locations is **less than 0 µV**.

Low Yield (⬓) is shown next to values for Audio P300 Delay or Audio P300 Voltage if:

- **Less than 3** C-P locations have a yield of **at least 30**; OR
- **40% or more** data segments contain **excessive Delta artifact** at the location from which the metric was derived.

Background EEG Metrics

Metrics include **CZ Theta/Beta, F3/F4 Alpha, Coherence, Muscle Tension, Peak Frequency**. For eyes closed metrics, P300 needs to be run, otherwise reported as "**N/A**".

Low Yield (⬓) is shown next to a background EEG metric if:

- **Less than 30** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 40%** of data segments contain **excessive Delta artifact**.

"**N/A**" is reported for a background EEG metric if:

- **Less than 20** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 50%** of data segments contain **excessive Delta artifact**.

P300 Topos

A P300 topo is generated for a session if **at least 3** C-P locations have a yield of **at least 20** rare events. Otherwise, "**N/A**" is shown.

Black Xs indicate topo locations with a yield of **less than 20** rare events. For graphical interpolation purposes, these locations are also set to 0 µV regardless of their actual values.

A topo location is considered "**good**" if its yield is **at least 20** rare events, and its voltage is **at least 3 µV**.

The warning "**No consistent P300**" is shown below a topo if:

- **At least 2** good locations are **less than 350 ms**, and **at least 2** good locations are **greater than 450 ms**; OR
- **Less than 40%** of good C-P location pairs are **within 75 ms**; OR
- The C-P location with the **largest µV** value is **at 500 ms** after a rare event.

For more information, please see wavimed.com/publications.

WAVi Wellness Basic Report

[redacted] — ID: N/A — Generated: 5/17/2021 3:04 PM

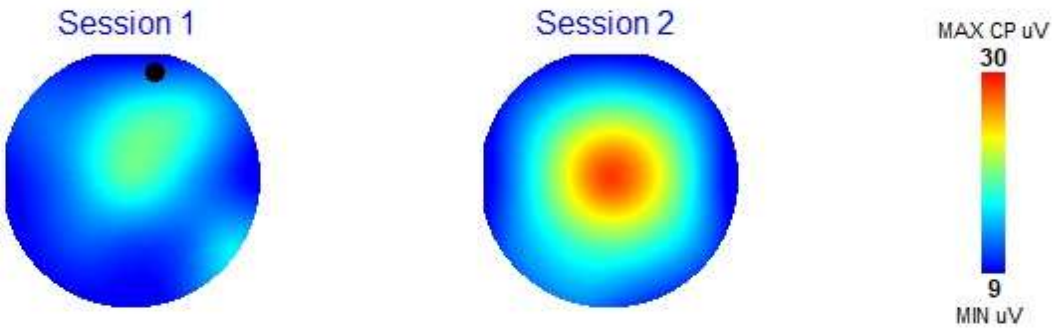
Session	Original Title	Change	Sleep	Since Meal	Age
Session 1 (2/24/2021)	Baseline	N/A	7-9 hrs	1-3 hrs	52 yrs
Session 2 (5/17/2021)	Followup	Better	4-6 hrs	10+ hrs	53 yrs

See Appendix for explanations of metrics and symbols shown on this page.
Symbol Key: ⬓ = Possible Artifact

Assessment Scores	Session 1 (2/24/2021)	Session 2 (5/17/2021)	Target Range
Hamilton Anxiety Rating Scale (HAM-A)	N/A	N/A	≤ 17
Patient Health Questionnaire-9 (PHQ-9)	N/A	N/A	< 5
Performance Assessments			
Physical Reaction Time	387 (±74) ms	209 (±29) ms	253–364 ms
Trail Making Test A	N/A	N/A	49–83 sec
Trail Making Test B	N/A	N/A	48–94 sec
Evoked Potentials			
Audio P300 Delay	300 ms	308 ms	270–350 ms
Test/Retest Change	-	8 ms	±11 ms
Audio P300 Voltage	19.2 µV	29.8 µV	7–18 µV
Test/Retest Change	-	11 µV	±2 µV
State			
CZ Eyes Closed Theta/Beta (Power)	⬓ 0.8	0.9	0.7–1.7
F3/F4 Eyes Closed Alpha (Magnitude)	0.9	0.7	0.9–1.1
Peak Frequency (7.0–13.0 Hz)			
Frontal	10.0 Hz	9.8 Hz	8.5–10.0 Hz
Test/Retest Change	-	-0.2 Hz	±0.2 Hz
Central-Parietal	10.0 Hz	9.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	-0.5 Hz	±0.2 Hz
Occipital	10.0 Hz	9.5 Hz	9.0–11.0 Hz
Test/Retest Change	-	-0.5 Hz	±0.2 Hz

Maximum P300 Test Depth (µV) — Range: 240–500 ms — Topo scale referenced to Session 2

BLACK DOTS INDICATE LOCATIONS WITH LESS THAN 20 CLEAN P300 RARE RESPONSES. TOPO COLORS AROUND DOTS MAY BE AFFECTED.



P300 Rare Comparison

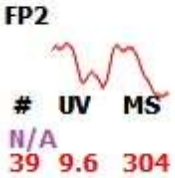
Rare responses are compared across sessions.

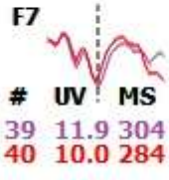
Yield Display Threshold: 20

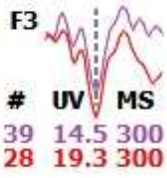
Color Key

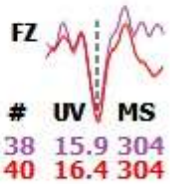
Session 1 (2/24/2021) Session 2 (5/17/2021)

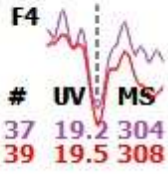
P300s typically occur between 240 and 450 msec.
Probable depth and latency of true P300 is indicated on 1st page of report.
 # Indicates yield. *Indicates possible artifact during late P300.

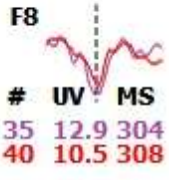


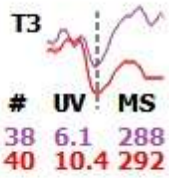


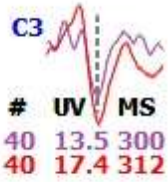


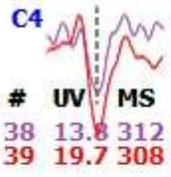


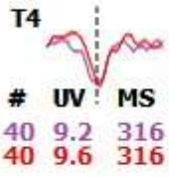


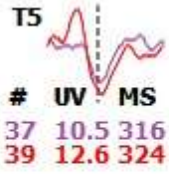


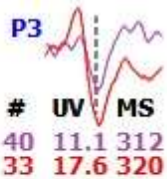


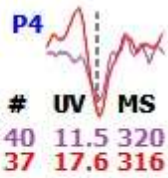


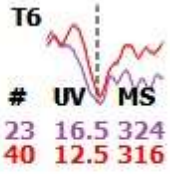


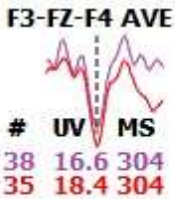


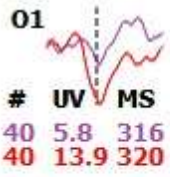


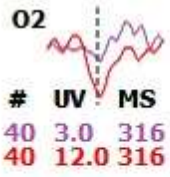


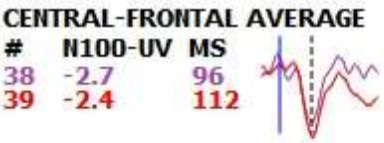












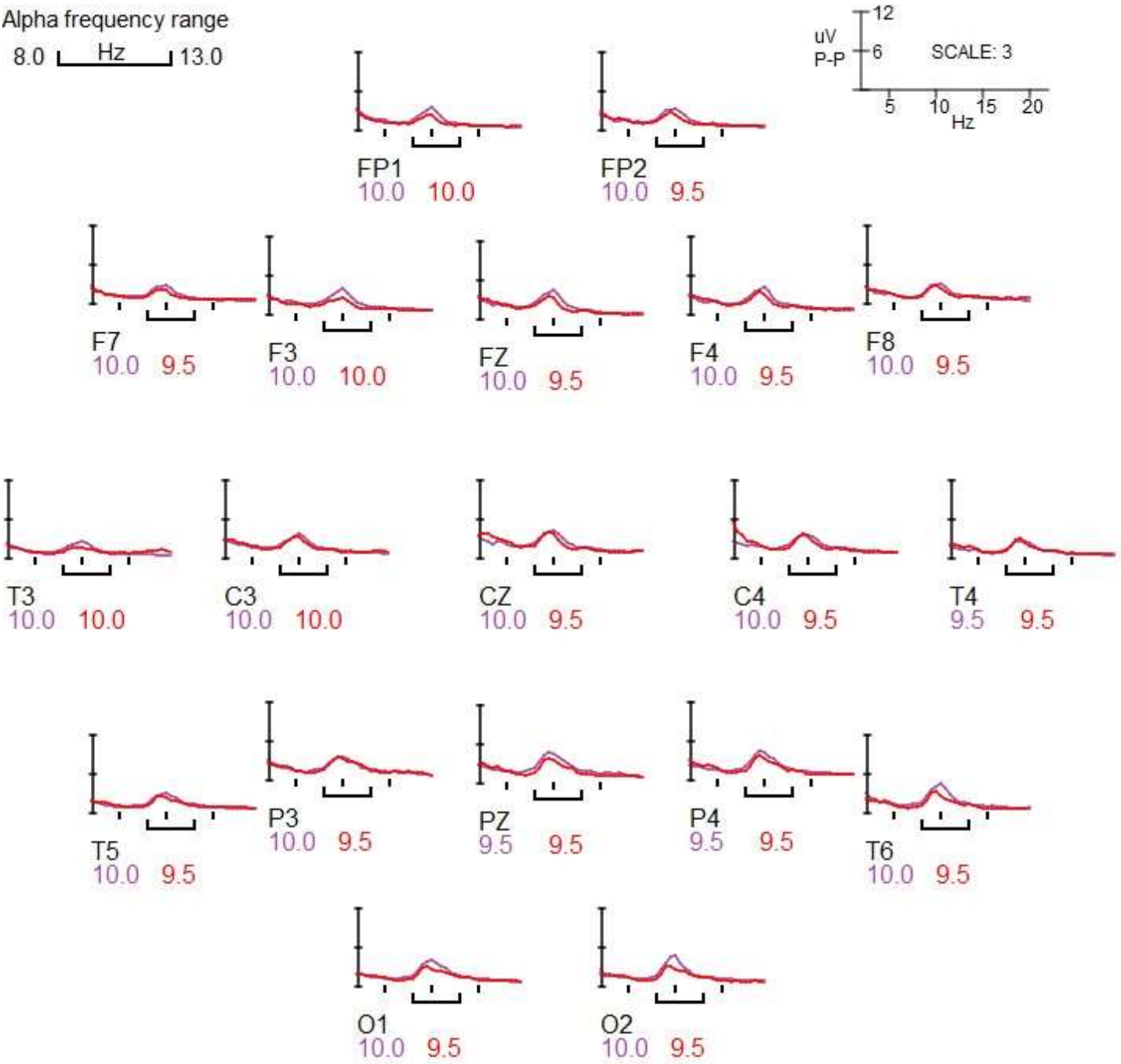
Blue line indicates 100 msec post stimulus.
Maximum N100 reported between 80-120 msec.

Largest depths between 240-500 msec are reported, except for N100. Dotted lines at 300 msec post stimulus.

Spectrum Comparison, P300 Eyes Closed

Color Key

Session 1 (2/24/2021) Session 2 (5/17/2021)



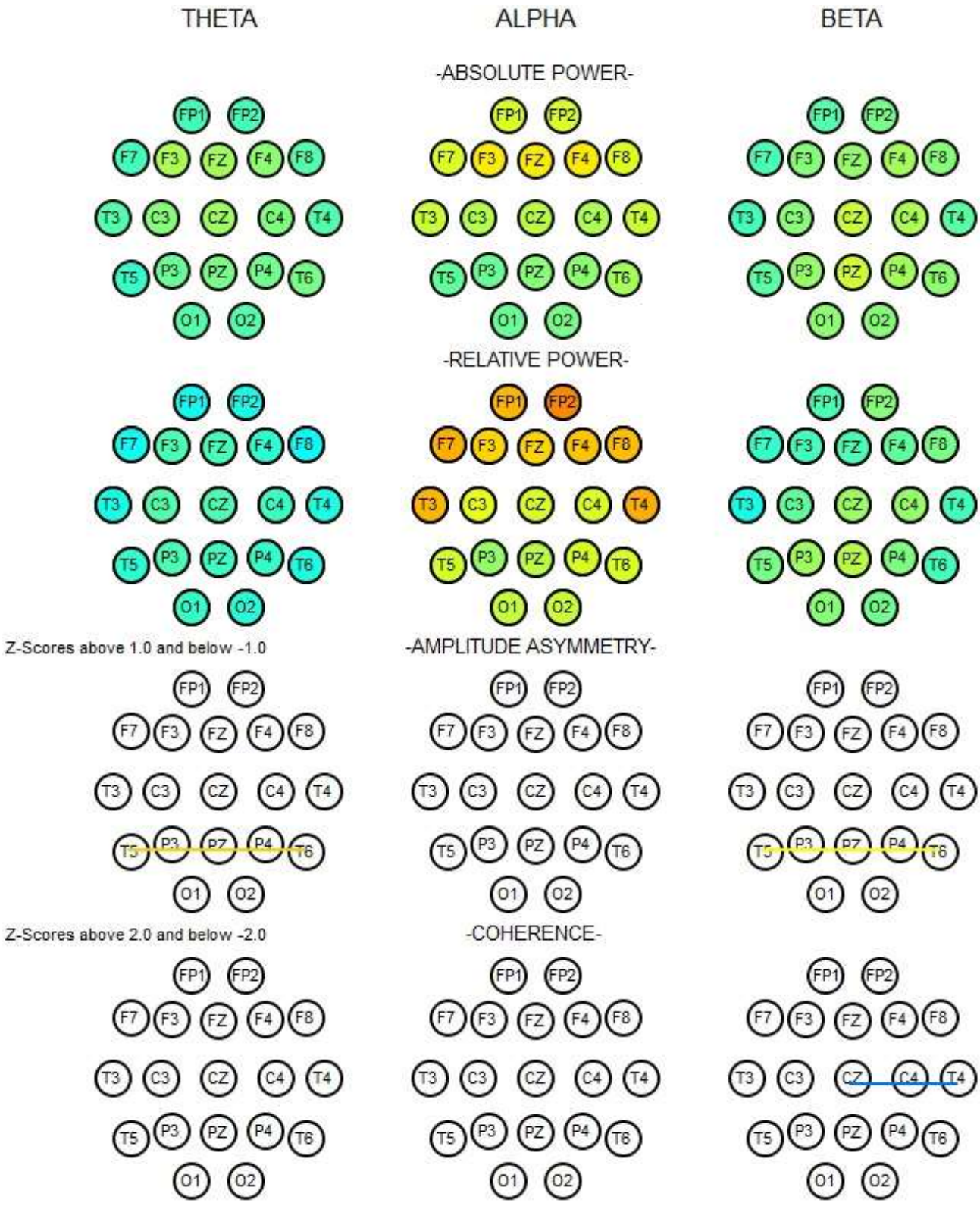
Peak frequency analysis range: 7.0 - 13.0 Hz

* indicates questionable value.

P300 Eyes Closed Z Scores, Session 1 (2/24/2021)

Band Ranges
Theta: 4.5–7.5 Hz
Alpha: 8.0–13.0 Hz
Beta: 13.5–20.0 Hz

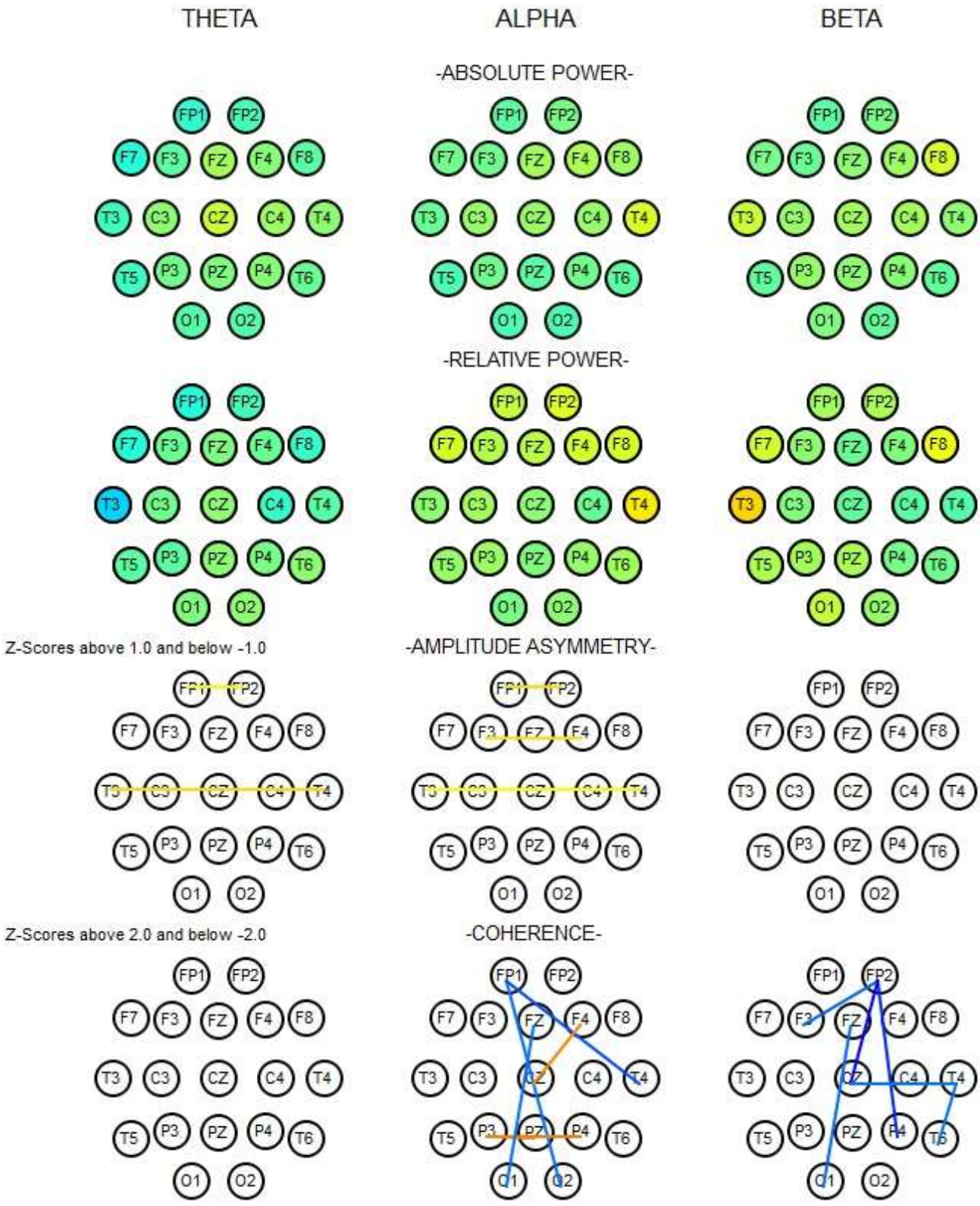
Color Key
-3.0 σ 0 +3.0 σ



P300 Eyes Closed Z Scores, Session 2 (5/17/2021)

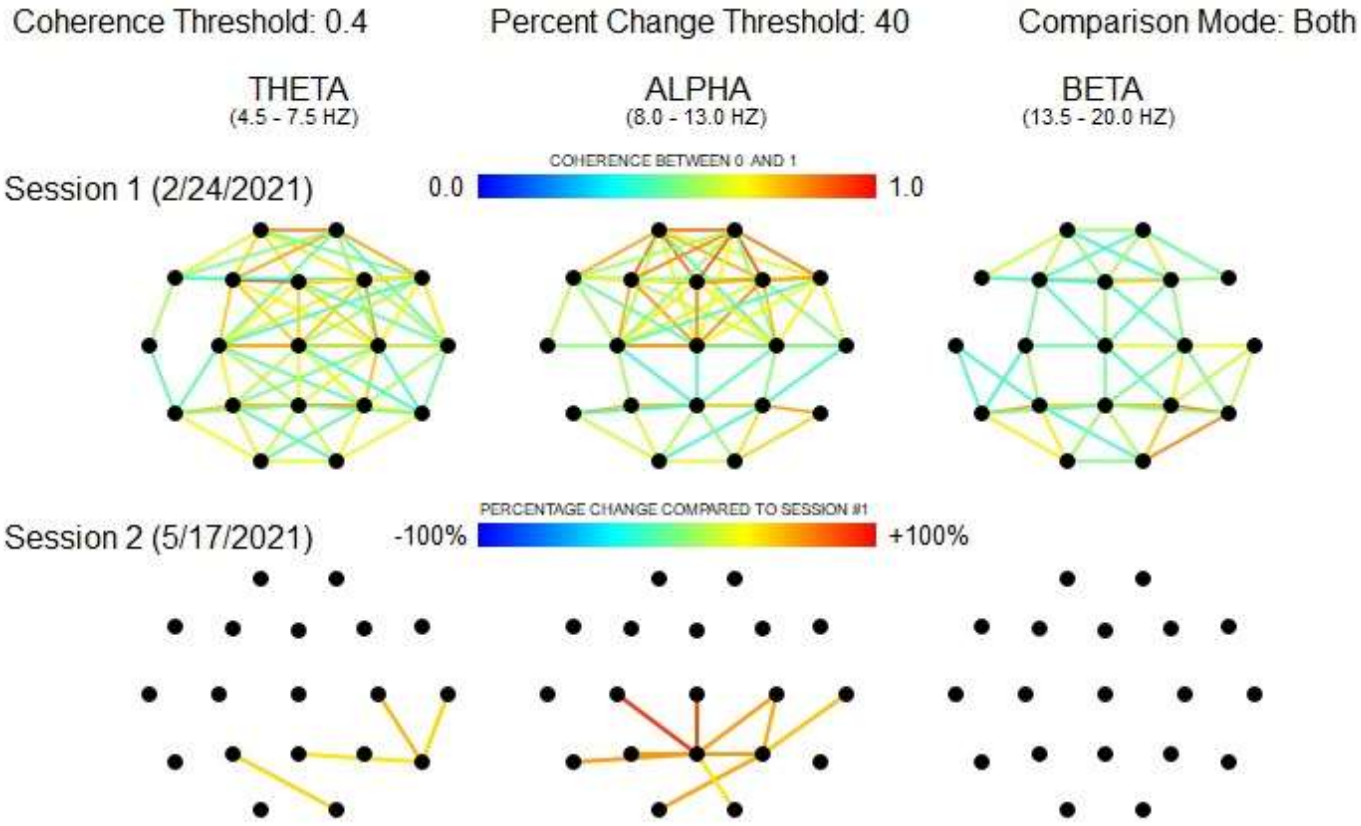
Band Ranges
Theta: 4.5–7.5 Hz
Alpha: 8.0–13.0 Hz
Beta: 13.5–20.0 Hz

Color Key
-3.0 σ 0 +3.0 σ



Coherence Network Graphs, P300 Eyes Closed

The first row shows color-mapped coherence between head locations in the first session. Subsequent rows show color-mapped percent changes in additional sessions compared to the first session.



Magnitude Band Tables, P300 Eyes Closed

UNITS: Total peak-peak microvolts within each band

Band Ranges
Theta: 4.5–7.5 Hz
Alpha: 8.0–13.0 Hz
Beta: 13.5–20.0 Hz

Color Key
(Difference from reference session)

≤ -100% 0% ≥ +100%

Session 1 (2/24/2021)

LOC	THETA	ALPHA	BETA
FP1	9	19	12
FP2	8	20	12
F3	11	24	13
F4	11	25	14
F7	8	18	11
F8	8	19	15
C3	11	23	14
C4	11	24	15
P3	9	24	14
P4	10	27	17
O1	8	25	22
O2	8	25	28
T3	7	16	10
T4	7	17	10
T5	7	19	13
T6	8	24	19
FZ	12	26	13
CZ	12	27	18
PZ	11	31	17

Session 2 (5/17/2021)

LOC	THETA	ALPHA	BETA
FP1	7	13	17
FP2	8	15	17
F3	9	15	17
F4	10	18	19
F7	7	12	20
F8	8	15	23
C3	10	18	24
C4	10	20	27
P3	9	20	19
P4	9	21	18
O1	8	18	24
O2	7	18	21
T3	5	11	26
T4	7	16	18
T5	7	15	18
T6	7	17	16
FZ	12	19	17
CZ	12	22	21
PZ	10	22	18

Coherence Band Table, P300 Eyes Closed
Session 1 (2/24/2021)

Abbreviation Key
T = Theta (4.5–7.5 Hz)
A = Alpha (8.0–13.0 Hz)
B = Beta (13.5–20.0 Hz)

Color Key
(Difference from reference session)

≤ -100% 0% ≥ +100%

PAIR	T	A	B	PAIR	T	A	B	PAIR	T	A	B	PAIR	T	A	B
FP1-FP2	.85	.89	.53	F3-O2	.11	.06	.11	F8-T3	.07	.10	.03	P4-T4	.56	.40	.59
FP1-F3	.72	.88	.59	F3-T3	.34	.36	.28	F8-T4	.70	.64	.34	P4-T5	.33	.21	.27
FP1-F4	.69	.78	.40	F3-T4	.38	.28	.17	F8-T5	.06	.03	.02	P4-T6	.68	.79	.83
FP1-F7	.63	.79	.60	F3-T5	.21	.09	.15	F8-T6	.18	.13	.10	P4-FZ	.38	.14	.20
FP1-F8	.49	.64	.20	F3-T6	.16	.08	.11	F8-FZ	.70	.78	.31	P4-CZ	.62	.31	.43
FP1-C3	.36	.56	.17	F3-FZ	.92	.95	.78	F8-CZ	.56	.67	.16	P4-PZ	.81	.73	.76
FP1-C4	.39	.42	.14	F3-CZ	.73	.82	.43	F8-PZ	.25	.11	.06	O1-O2	.65	.63	.49
FP1-P3	.16	.09	.08	F3-PZ	.35	.15	.20	C3-C4	.68	.60	.22	O1-T3	.12	.06	.23
FP1-P4	.15	.05	.07	F4-F7	.41	.52	.24	C3-P3	.65	.56	.56	O1-T4	.12	.03	.15
FP1-O1	.02	.08	.05	F4-F8	.80	.89	.53	C3-P4	.47	.21	.22	O1-T5	.68	.62	.70
FP1-O2	.03	.10	.05	F4-C3	.61	.61	.17	C3-O1	.27	.12	.23	O1-T6	.32	.33	.32
FP1-T3	.23	.29	.16	F4-C4	.80	.76	.51	C3-O2	.21	.06	.14	O1-FZ	.10	.04	.10
FP1-T4	.26	.20	.10	F4-P3	.29	.15	.13	C3-T3	.40	.51	.40	O1-CZ	.26	.07	.19
FP1-T5	.04	.05	.06	F4-P4	.38	.16	.19	C3-T4	.36	.26	.11	O1-PZ	.58	.56	.54
FP1-T6	.08	.11	.05	F4-O1	.08	.03	.08	C3-T5	.44	.33	.40	O2-T3	.05	.05	.11
FP1-FZ	.70	.85	.54	F4-O2	.09	.05	.11	C3-T6	.20	.06	.11	O2-T4	.24	.10	.40
FP1-CZ	.36	.63	.18	F4-T3	.25	.19	.10	C3-FZ	.66	.69	.35	O2-T5	.35	.22	.30
FP1-PZ	.14	.06	.07	F4-T4	.56	.51	.37	C3-CZ	.80	.83	.45	O2-T6	.65	.72	.84
FP2-F3	.78	.83	.43	F4-T5	.18	.05	.08	C3-PZ	.57	.40	.37	O2-FZ	.15	.06	.12
FP2-F4	N/A	.90	.61	F4-T6	N/A	.11	.16	C4-P3	.50	.34	.28	O2-CZ	.30	.07	.23
FP2-F7	.51	.56	.29	F4-FZ	.92	.95	.74	C4-P4	.75	.51	.65	O2-PZ	.61	.53	.58
FP2-F8	.79	.84	.47	F4-CZ	.74	.83	.45	C4-O1	.24	.08	.19	T3-T4	.03	.04	.06
FP2-C3	.46	.53	.14	F4-PZ	.32	.16	.15	C4-O2	.32	.12	.35	T3-T5	.45	.39	.43
FP2-C4	.54	.52	.22	F7-F8	.16	.37	.10	C4-T3	.15	.13	.10	T3-T6	.06	.07	.07
FP2-P3	.19	.09	.07	F7-C3	.35	.56	.26	C4-T4	.77	.71	.65	T3-FZ	.23	.23	.17
FP2-P4	.22	.08	.08	F7-C4	.20	.27	.11	C4-T5	.25	.11	.16	T3-CZ	.21	.26	.16
FP2-O1	.03	.08	.04	F7-P3	.14	.11	.14	C4-T6	.43	.30	.49	T3-PZ	.18	.11	.20
FP2-O2	.04	.09	.05	F7-P4	.07	.03	.07	C4-FZ	.72	.67	.43	T4-T5	.09	.03	.11
FP2-T3	.24	.13	.07	F7-O1	.02	.08	.08	C4-CZ	.88	.83	.63	T4-T6	.48	.36	.59
FP2-T4	.46	.33	.20	F7-O2	.02	.11	.05	C4-PZ	.64	.46	.48	T4-FZ	.47	.38	.25
FP2-T5	.06	.06	.05	F7-T3	.56	.59	.34	P3-P4	.58	.43	.44	T4-CZ	.57	.46	.35
FP2-T6	N/A	.11	.08	F7-T4	.07	.10	.08	P3-O1	.62	.63	.70	T4-PZ	.40	.25	.35
FP2-FZ	N/A	.89	.56	F7-T5	.12	.07	.13	P3-O2	.44	.30	.41	T5-T6	.23	.12	.20
FP2-CZ	N/A	.67	.21	F7-T6	.04	.13	.06	P3-T3	.33	.32	.41	T5-FZ	.18	.06	.11
FP2-PZ	.21	.08	.07	F7-FZ	.38	.63	.40	P3-T4	.26	.15	.19	T5-CZ	.32	.14	.20
F3-F4	.82	.86	.48	F7-CZ	.24	.47	.16	P3-T5	.74	.76	.79	T5-PZ	.50	.40	.47
F3-F7	.56	.76	.60	F7-PZ	.09	.05	.09	P3-T6	.34	.18	.31	T6-FZ	.29	.10	.14
F3-F8	.56	.67	.18	F8-C3	.42	.45	.05	P3-FZ	.37	.16	.19	T6-CZ	.41	.13	.29
F3-C3	.73	.78	.49	F8-C4	.66	.68	.24	P3-CZ	.59	.38	.36	T6-PZ	.47	.36	.52
F3-C4	.65	.58	.29	F8-P3	.18	.08	.04	P3-PZ	.77	.76	.71	FZ-CZ	.72	.85	.54
F3-P3	.37	.20	.22	F8-P4	.31	.14	.09	P4-O1	.46	.41	.39	FZ-PZ	.35	.16	.20
F3-P4	.33	.10	.17	F8-O1	.04	.04	.02	P4-O2	.67	.70	.75	CZ-PZ	.65	.42	.48
F3-O1	.10	.05	.12	F8-O2	.09	.06	.05	P4-T3	.10	.04	.11				

Coherence Band Table, P300 Eyes Closed
Session 2 (5/17/2021)

Abbreviation Key
T = Theta (4.5–7.5 Hz)
A = Alpha (8.0–13.0 Hz)
B = Beta (13.5–20.0 Hz)

Color Key
(Difference from reference session)

≤ -100% 0% ≥ +100%

PAIR	T	A	B	PAIR	T	A	B	PAIR	T	A	B	PAIR	T	A	B
FP1-FP2	.75	.79	.39	F3-O2	.17	.18	.15	F8-T3	.04	.12	.02	P4-T4	.58	.61	.32
FP1-F3	.74	.84	.48	F3-T3	.42	.42	.24	F8-T4	.67	.73	.43	P4-T5	.50	.54	.38
FP1-F4	.62	.70	.32	F3-T4	.27	.30	.12	F8-T5	.08	.17	.03	P4-T6	.81	.85	.85
FP1-F7	.55	.58	.28	F3-T5	.27	.24	.24	F8-T6	.39	.38	.07	P4-FZ	.47	.51	.36
FP1-F8	.48	.51	.13	F3-T6	.22	.20	.22	F8-FZ	.56	.66	.13	P4-CZ	.63	.70	.55
FP1-C3	.39	.51	.12	F3-FZ	.88	.92	.77	F8-CZ	.45	.60	.06	P4-PZ	.80	.90	.81
FP1-C4	.35	.46	.10	F3-CZ	.75	.79	.50	F8-PZ	.31	.43	.04	O1-O2	.80	.81	.62
FP1-P3	.14	.22	.08	F3-PZ	N/A	.47	.29	C3-C4	.66	.72	.16	O1-T3	.16	.25	.14
FP1-P4	.19	.23	.09	F4-F7	.28	.28	.12	C3-P3	.72	.78	.61	O1-T4	.23	.26	.10
FP1-O1	.05	.09	.05	F4-F8	.74	.79	.15	C3-P4	.58	.62	.27	O1-T5	.79	.84	.78
FP1-O2	.05	.09	.06	F4-C3	.64	.70	.23	C3-O1	.40	.47	.21	O1-T6	.52	.55	.37
FP1-T3	.19	.23	.08	F4-C4	.76	.84	.62	C3-O2	.38	.40	.18	O1-FZ	.19	.26	.16
FP1-T4	.22	.22	.08	F4-P3	.34	.42	.21	C3-T3	.50	.53	.28	O1-CZ	.33	.42	.22
FP1-T5	.06	.10	.07	F4-P4	.55	.55	.36	C3-T4	.32	.37	.10	O1-PZ	.71	.73	.53
FP1-T6	.10	.11	.09	F4-O1	.19	.26	.10	C3-T5	.56	.55	.46	O2-T3	.08	.15	.10
FP1-FZ	.66	.78	.46	F4-O2	.26	.29	.15	C3-T6	.39	.38	.21	O2-T4	.38	.40	.22
FP1-CZ	.41	.55	.18	F4-T3	.19	.24	.08	C3-FZ	.70	.77	.42	O2-T5	.58	.59	.46
FP1-PZ	.26	.30	.11	F4-T4	.60	.55	.18	C3-CZ	.88	.87	.50	O2-T6	.75	.80	.75
FP2-F3	.56	.74	.37	F4-T5	.23	.25	.14	C3-PZ	.67	.76	.40	O2-FZ	.23	.26	.19
FP2-F4	.77	.88	.48	F4-T6	.43	.37	.29	C4-P3	.53	.58	.20	O2-CZ	.39	.44	.29
FP2-F7	.26	.28	.12	F4-FZ	.90	.93	.76	C4-P4	.74	.81	.56	O2-PZ	.74	.75	.64
FP2-F8	.79	.83	.36	F4-CZ	.72	.84	.55	C4-O1	.34	.40	.12	T3-T4	.03	.09	.04
FP2-C3	.34	.54	.13	F4-PZ	.49	.55	.29	C4-O2	.45	.50	.21	T3-T5	.36	.45	.32
FP2-C4	.46	.65	.12	F7-F8	.13	.13	.03	C4-T3	.22	.24	.06	T3-T6	.06	.10	.10
FP2-P3	.17	.28	.11	F7-C3	.34	.33	.04	C4-T4	.67	.64	.13	T3-FZ	.27	.31	.15
FP2-P4	.31	.39	.13	F7-C4	.17	.16	.04	C4-T5	.37	.36	.12	T3-CZ	.33	.35	.15
FP2-O1	.08	.16	.06	F7-P3	.09	.13	.03	C4-T6	.66	.61	.40	T3-PZ	.32	.33	.18
FP2-O2	.12	.19	.08	F7-P4	.05	.07	.03	C4-FZ	.70	.77	.45	T4-T5	.18	.21	.09
FP2-T3	.08	.16	.06	F7-O1	.01	.04	.02	C4-CZ	.79	.88	.54	T4-T6	.70	.70	.43
FP2-T4	.45	.49	.20	F7-O2	.01	.04	.03	C4-PZ	.71	.73	.37	T4-FZ	.42	.43	.16
FP2-T5	.07	.15	.08	F7-T3	.36	.45	.12	P3-P4	.69	.69	.51	T4-CZ	.47	.48	.18
FP2-T6	.23	.25	.15	F7-T4	.04	.04	.02	P3-O1	.76	.80	.66	T4-PZ	.43	.49	.23
FP2-FZ	.67	.83	.47	F7-T5	.04	.06	.03	P3-O2	.64	.61	.50	T5-T6	.39	.41	.33
FP2-CZ	.45	.66	.22	F7-T6	.01	.04	.03	P3-T3	.43	.47	.30	T5-FZ	.27	.27	.23
FP2-PZ	.26	.40	.14	F7-FZ	.38	.38	.18	P3-T4	.33	.31	.13	T5-CZ	.41	.42	.31
F3-F4	.76	.81	.47	F7-CZ	.29	.26	.06	P3-T5	.83	.84	.86	T5-PZ	.69	.65	.55
F3-F7	.61	.60	.34	F7-PZ	.16	.12	.04	P3-T6	.54	.46	.43	T6-FZ	.31	.31	.30
F3-F8	.43	.53	.10	F8-C3	.35	.47	.04	P3-FZ	.42	.44	.32	T6-CZ	.46	.46	.42
F3-C3	.75	.79	.52	F8-C4	.57	.66	.07	P3-CZ	.56	.65	.47	T6-PZ	.67	.69	.66
F3-C4	.49	.62	.23	F8-P3	.19	.28	.04	P3-PZ	N/A	.88	.73	FZ-CZ	.77	.87	.68
F3-P3	N/A	.41	.31	F8-P4	.41	.47	.03	P4-O1	.56	.65	.41	FZ-PZ	.48	.55	.35
F3-P4	.38	.39	.25	F8-O1	.11	.19	.02	P4-O2	.75	.82	.69	CZ-PZ	N/A	.76	.60
F3-O1	.16	.20	.12	F8-O2	.19	.25	.04	P4-T3	.15	.22	.12				

Appendix

Possible Artifact (⬓): This is reported when the amount and/or quality of the acquired data are insufficient to generate an accurate number. This may result from the presence of one or more artifact sources such as motion, sweating, poor electrode-scalp contact, or interference from nearby electronic equipment.

Sync Blinks (▽): Short for "synchronized eye blinks," this is reported when FP1 or FP2 is greater than or equal to 20 µV. Sync Blinks may affect the reported P300 and/or Flanker test depths and latencies at other electrode locations.

Questionable Value (**?**): Possibly due to low Alpha or Peak Frequency magnitude relative to background EEG noise.

Excess Synchrony (↟): A type of artifact which may affect multiple channels equally at the same time. This may be due to improper electrode connections or environmental interference. Excess Synchrony can reduce the accuracy of background EEG metrics.

Manually Modified Artifacting (★): Shown next to sessions in which at least one input file has manually modified artifacting.

P300 Metrics

Physical Reaction Time: The **average** time of the physical response to rare tones, derived from mouse or keyboard input.

- Reported as "**N/A**" if there were **less than 15** physical responses to rare tones.

Audio P300 Delay and **Audio P300 Voltage** metrics are derived from **Central-Parietal (C-P)** locations **CZ, C3, C4, PZ, P3, and P4**.

- For these metrics, "**yield**" is defined as the number of brain responses to rare tones which contain **minimal artifact**.

Audio P300 Delay: The **fastest** C-P latency **between 240-499 ms** after a rare tone, among locations that are **at least 3 µV**.

- Reported as "**N/A**" if **no** C-P location is **at least 3 µV**, or **no** C-P location has a yield of **at least 20** rare events.

Audio P300 Voltage: The **largest** C-P amplitude **between 240-499 ms** after a rare tone.

- Reported as "**N/A**" if **no** C-P location has a yield of **at least 20** rare events.
- Reported as "**< 0 µV**" if the voltage at **all** C-P locations is **less than 0 µV**.

Possible Artifact (⬓) is shown next to values for Audio P300 Delay or Audio P300 Voltage if:

- **Less than 3** C-P locations have a yield of **at least 30**; OR
- **40% or more** data segments contain **excessive Delta artifact** at the location from which the metric was derived.

Background EEG Metrics

Metrics include **CZ Theta/Beta, F3/F4 Alpha, Coherence, Muscle Tension, Peak Frequency**. For eyes closed metrics, P300 needs to be run, otherwise reported as "**N/A**".

Possible Artifact (⬓) is shown next to a background EEG metric if:

- **Less than 30** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 40%** of data segments contain **excessive Delta artifact**.

"**N/A**" is reported for a background EEG metric if:

- **Less than 20** segments of data are clean or contain **minimal artifact**; OR
- For metrics using Delta or Theta, **over 50%** of data segments contain **excessive Delta artifact**.

P300 Topos

A P300 topo is generated for a session if **at least 3** C-P locations have a yield of **at least 20** rare events. Otherwise, "**N/A**" is shown instead of a topo.

Black dots indicate topo locations with a yield of **less than 20** rare events. For graphical interpolation purposes, these locations are also set to 0 µV regardless of their actual values.

A topo location is considered "**good**" if its yield is **at least 20** rare events, and its voltage is **at least 3 µV**.

The warning "**Inconsistent P300**" is shown below a topo if:

- **At least 2** good locations are **less than 350 ms**, and **at least 2** good locations are **greater than 450 ms**; OR
- **Less than 40%** of good C-P location pairs are **within 75 ms**; OR
- The C-P location with the **largest µV** value is **at 500 ms** after a rare event.

For more information, please see wavimed.com/whitepapers.

WAVi Performance

Assessment

Presented by

Direct measurements of brain function.
Track how exercise, nutrition, and lifestyle
can change these performance metrics.

Programmatic changes since last visit:
N/A

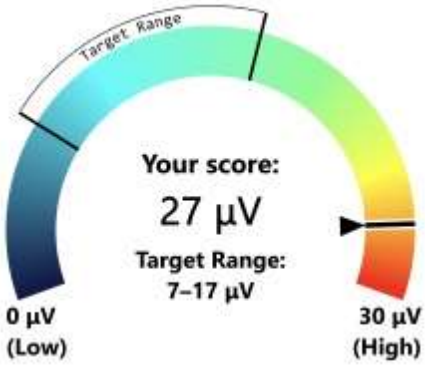
New recommendations:
N/A

Weight: 175 lbs

Suggested followup date: N/A

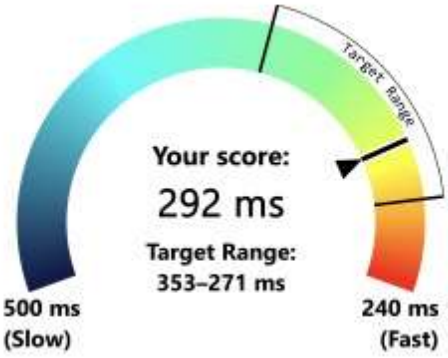
Key Metrics

Brain Reaction Voltage



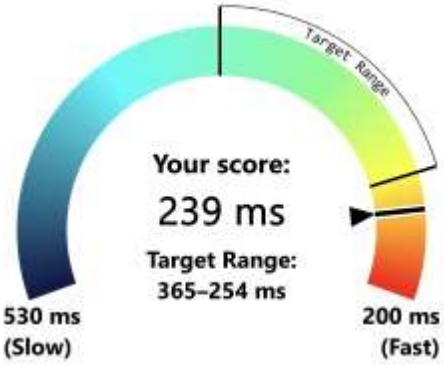
A measure of cognitive resources. This may decline with such factors as age, concussions, or poor cardiovascular fitness (e.g. high blood pressure).

Brain Reaction Time



A measure of cognitive processing speed. This may decline with such factors as age, memory loss, or poor cardiovascular fitness (e.g. arterial plaque).

Physical Reaction Time

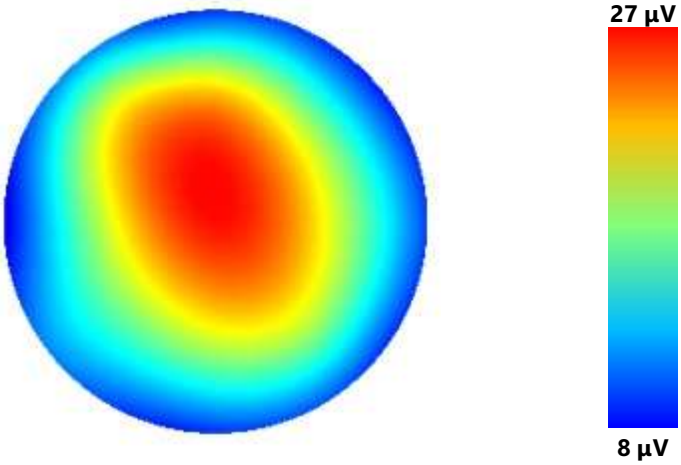


Your Physical Reaction Time is distinct from your Brain Reaction Time. This may decline with such factors as age, fatigue, or concussions.

Know your scores, track your scores!

Brain Reaction Voltage Map

Session 1
P300 EC 4 Min
4/12/2022 3:09 PM



Muscle Tension

A measure of jaw and neck tension

What does your score mean?

This is a measure of muscle electrical activity at jaw and neck locations. Elevated levels may suggest muscle tightness.

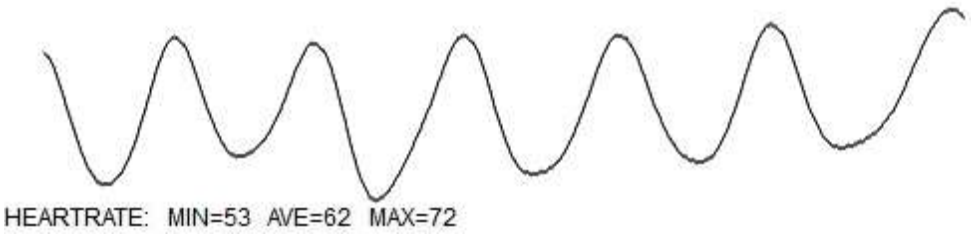
Frontal Alpha Balance

A measure of frontal symmetry

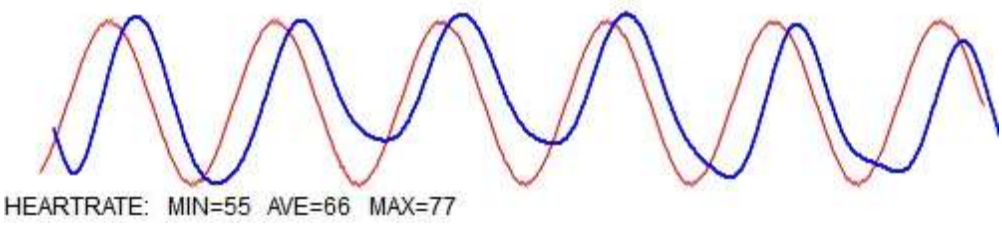
What does your score mean?

Tipping of the scale beyond the target range can be a decreased efficiency associated with stress, anxiety, or low moods.

Heart Rate Variability (System Balance)



Baseline HRV Score:
88/100
Low scores may suggest short term stress.



Tracking HRV Score:
92/100
Low scores may suggest long term stress.