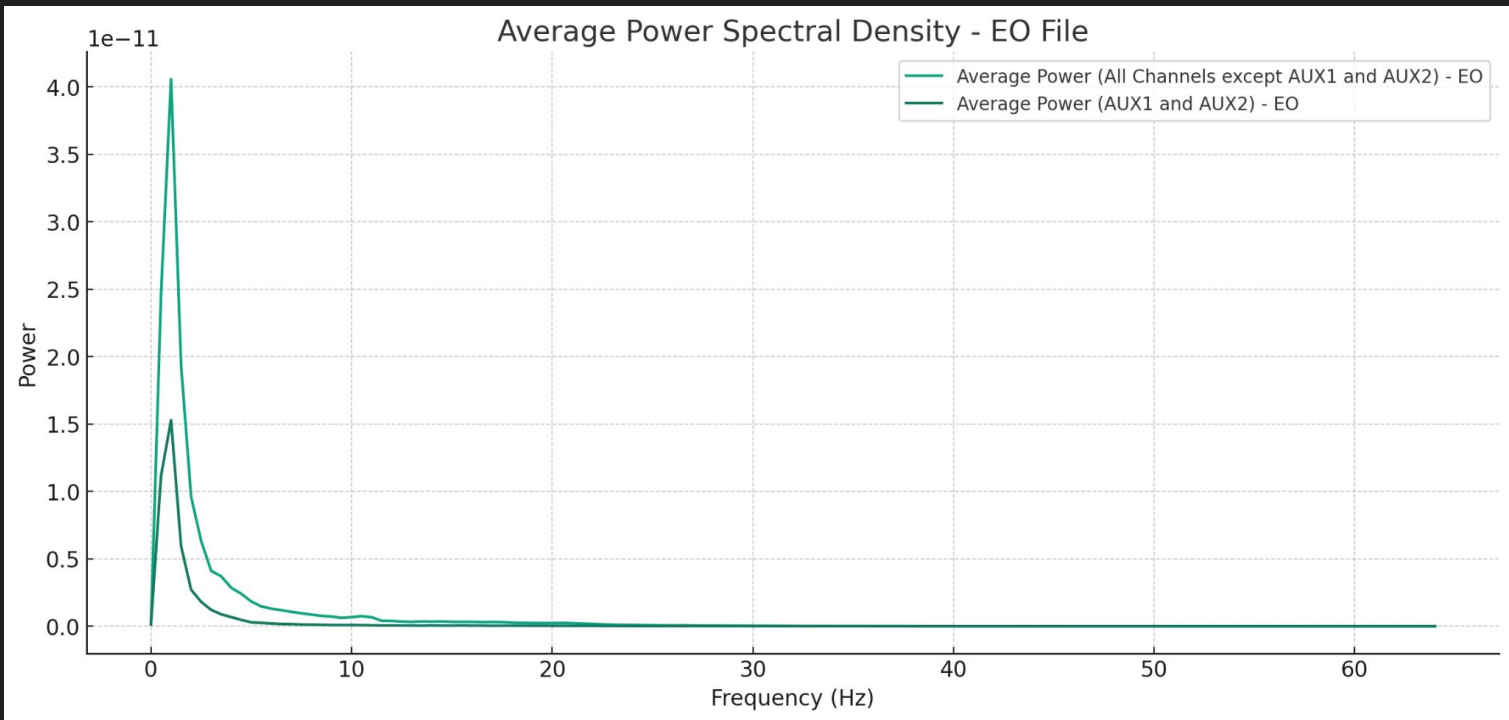


In-Ear EEG Validation

Simultaneous Scalp and in-Ear EEG Comparison
neocore YourBuds 1st Prototype



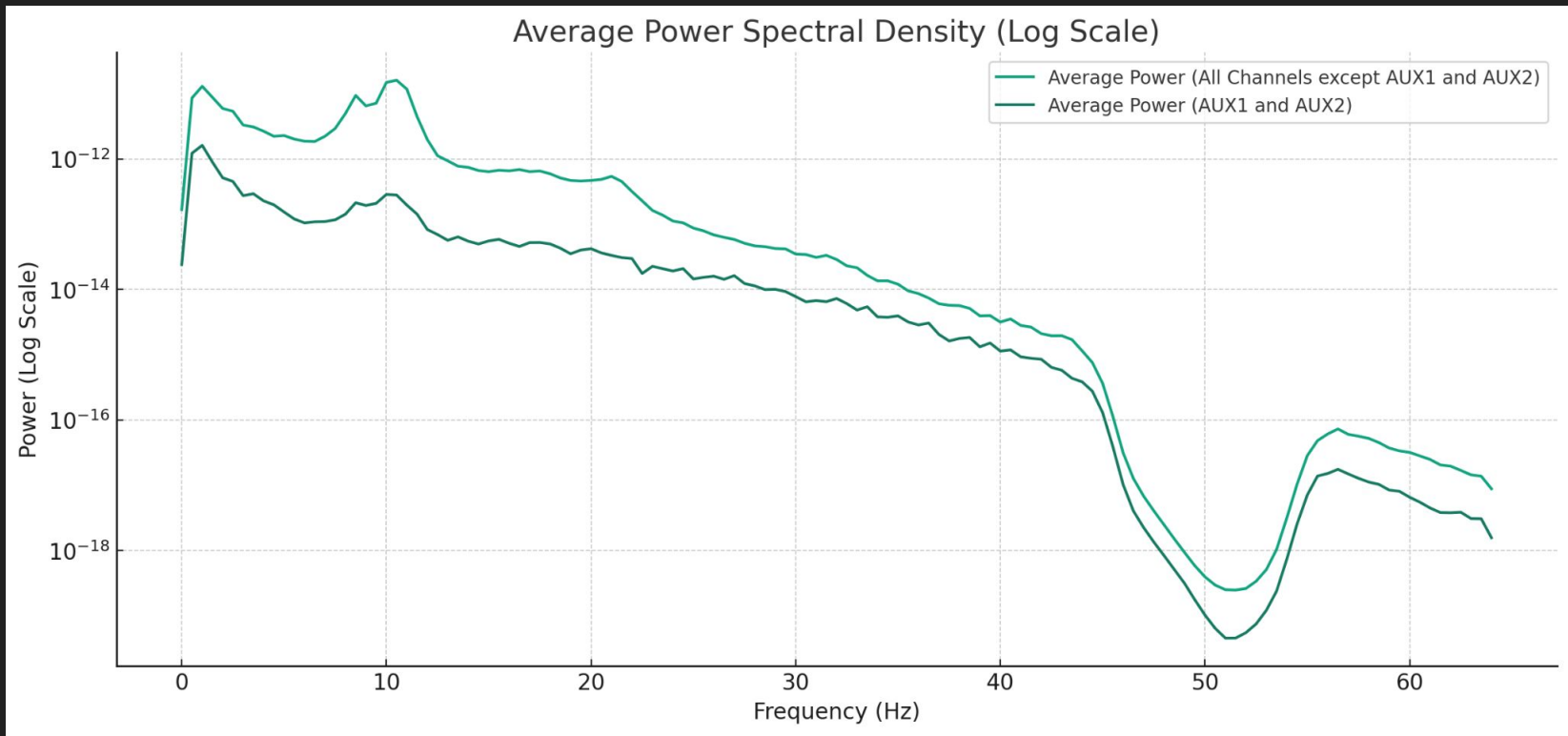
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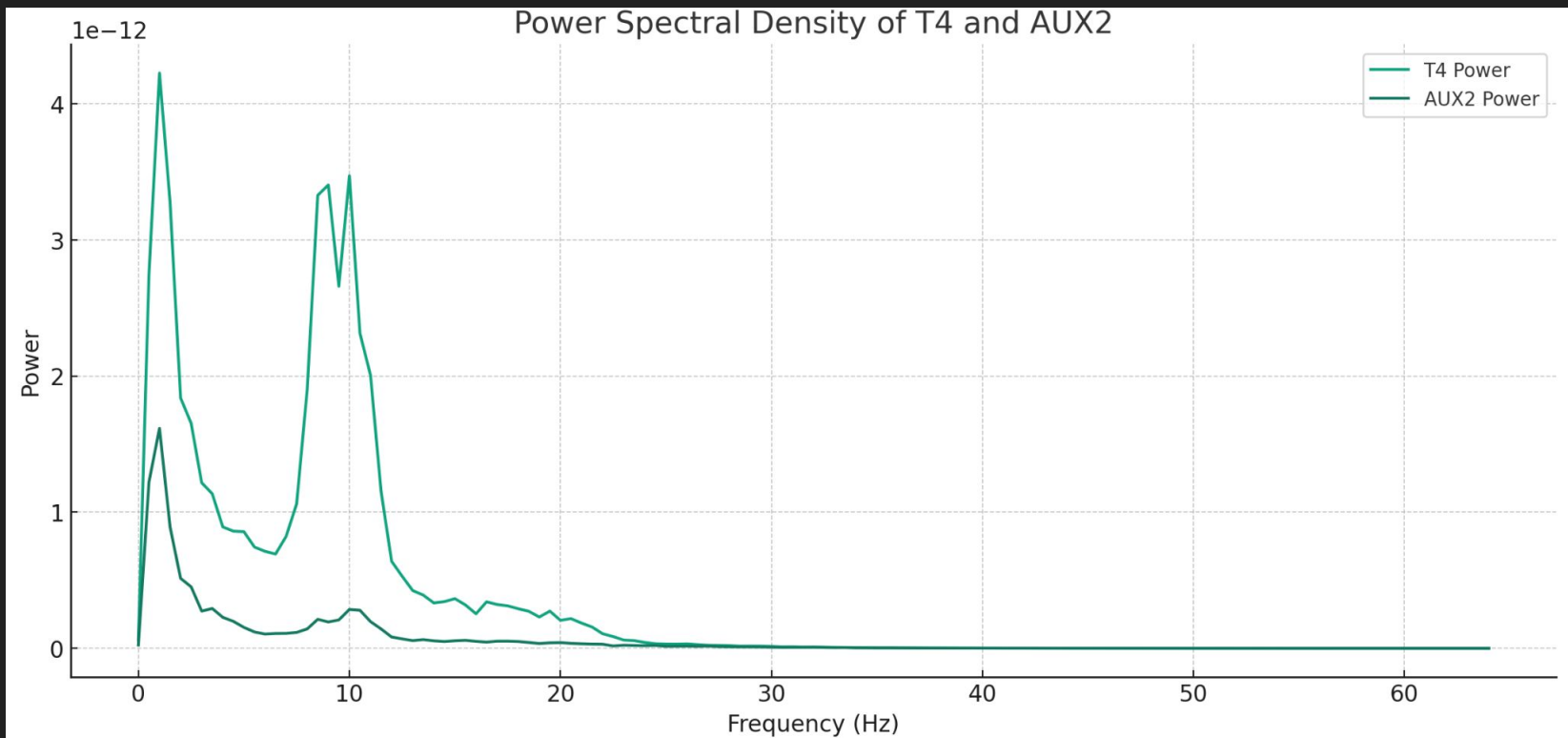
In-Ear EEG Validation

Scalp Average - During Eyes Open Rest



In-Ear EEG Validation

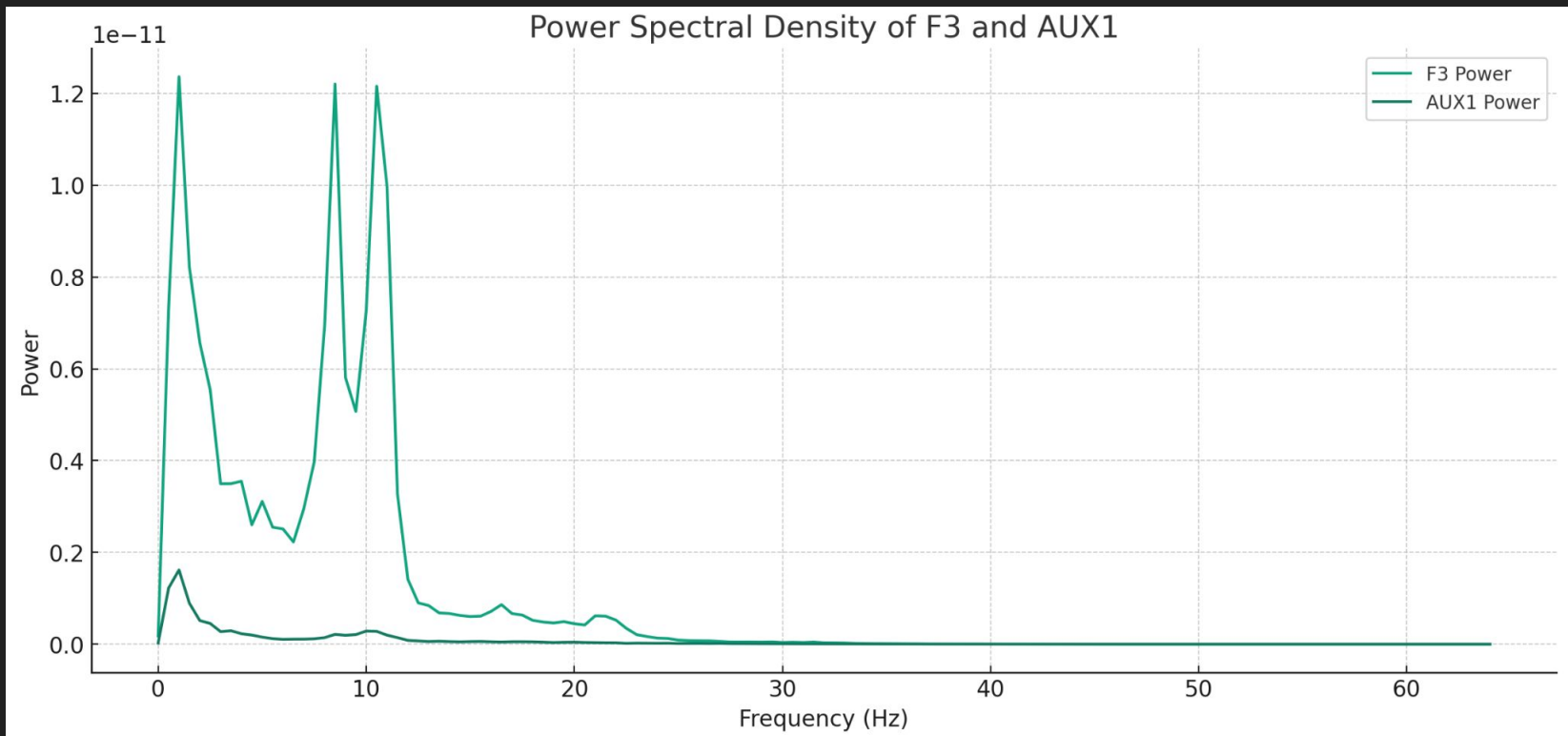
Scalp Average - During Eyes Close Rest (Log Scale)



In-Ear EEG Validation

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Single Channel Comparison (T4 and Same-side Ear) - During Eyes Close Rest



In-Ear EEG Validation

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Single Channel Comparison (F3 and Same-side Ear) - During Eyes Close Rest

Significant Correlation Between in-Ear EEG and Scalp EEG

0.991 in Eyes Open Rest, 0.764 in Eyes Close Rest, Less Artifact Observed on in-Ear EEG

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