QuantumBCI Analysis Report

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Session Information

Filename:	S108R01.edf
Upload Time:	2025-10-01 18:21:17
Original Channels:	64
Selected Channels:	20
Processing Status:	processing

Brain Metrics Analysis

Brain State: Unknown

Frequency Band Powers

Band	Absolute Power (uV^2)	Relative Power (%)
Delta	0.0000	81.29%
Theta	0.0000	9.64%
Alpha	0.0000	5.74%
Beta	0.0000	2.91%
Gamma	0.0000	0.42%

Model Predictions

Model	Prediction	Accuracy	Time (s)
Brain State Classifier	Deep Sleep State	100.00%	0.050

Summary & Recommendations

- Best performing model: Brain State Classifier with 100.00% accuracy

- Detected brain state: Unknown

- Dominant frequency band: Delta

- Total spectral power: 0.0000 uV^2

Clinical Recommendations:

- Low alpha activity - may indicate stress or active cognitive processing

- Continue monitoring for trend analysis

- Consult with neurologist for clinical interpretation