

Podcast 1

```
frontal_electrodes = {'AF3', 'AF4', 'F7', 'F3', 'F4', 'F8', 'FC5', 'FC6'};  
occipital_electrodes = {'01', '02'};
```

Median of Frontal electrodes spectrogram:

- 1) During the first few seconds of the experiment there is some beta and gamma activity. The gamma power slowly dissipates. The beta power activity is intermittent. I think we should target the beta activity. It's very interesting.
- 2) You were right yesterday. The frontal electrodes should have less power in the alpha band. we need to understand why we are seeing significant alpha power at frontal electrodes
- 3) High power in delta band. Does this mean delta oscillations represent or reflect higher cognitive load ?

Median of Occipital electrodes spectrogram:

- 1) delta power activity is less here compared to frontal electrodes
- 2) alpha power is very high, which is expected
- 3) Power line noise at 60 Hz

