All the operation below are based on Bluetooth connection between host(eg. PC) and EEG device..

EEG\_API eeg\_reading

Description: this operation will enable eeg notification. To implement this operation, should set value “01:00” to uuid “0x2902” or Handle “0x0013” on EEG device through Bluetooth.

Then EEG device will keep transmitting 18-bytes packets back in hex format like below.



Every EEG sample takes 3 bytes, so every packet contains 6 EEG samples. The EEG sampling rate is 500 samples/second.

Haptic\_sensor\_API haptic\_activate

Description: this operation will activate haptic sensor and make it vibrate for a period of time. To implement this operation, should write value 1 to Handle “0x001C” or Uuid “0x2D3A”.