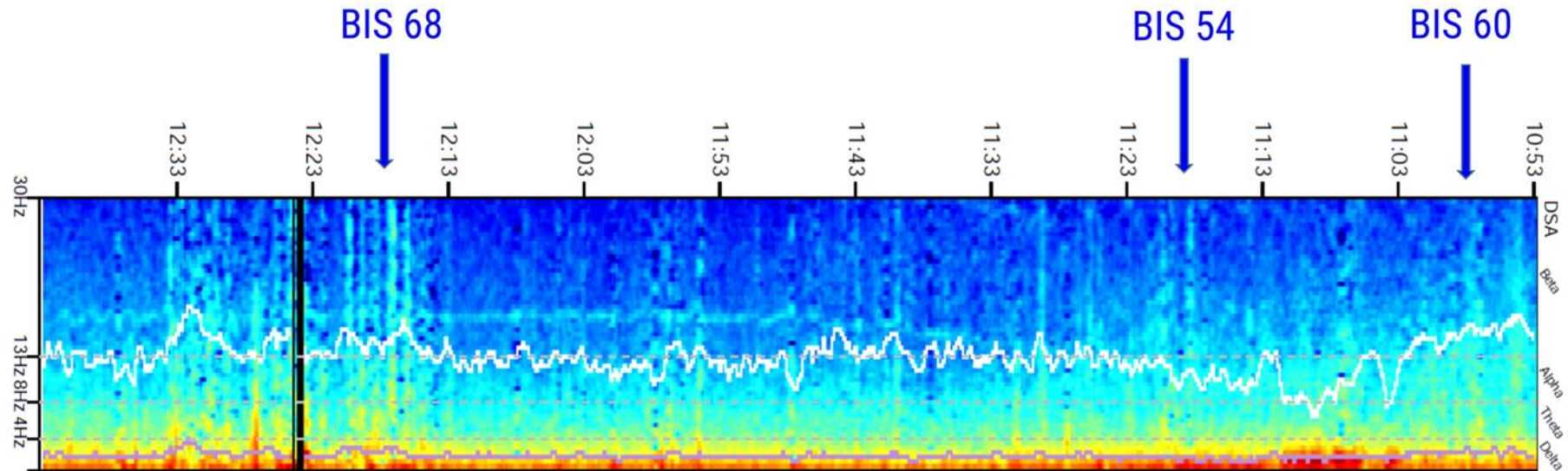


Supplementary Fig. 1. An example of electrocautery interference on the BIS value during craniotomy



This figure was extracted from the BIS™ Monitoring System (Software Version 3.50) and shows the changes in the EEG density spectrum array of a 58-year-old woman undergoing craniotomy for meningioma resection. It was included in the learning curriculum for EEG density spectrum array for resident anesthesiologists in our hospital and displays multiple timepoints with a high BIS value but without stable EEG alpha power. Despite the high BIS value, the patient was considered to be in an over-anesthetized state.