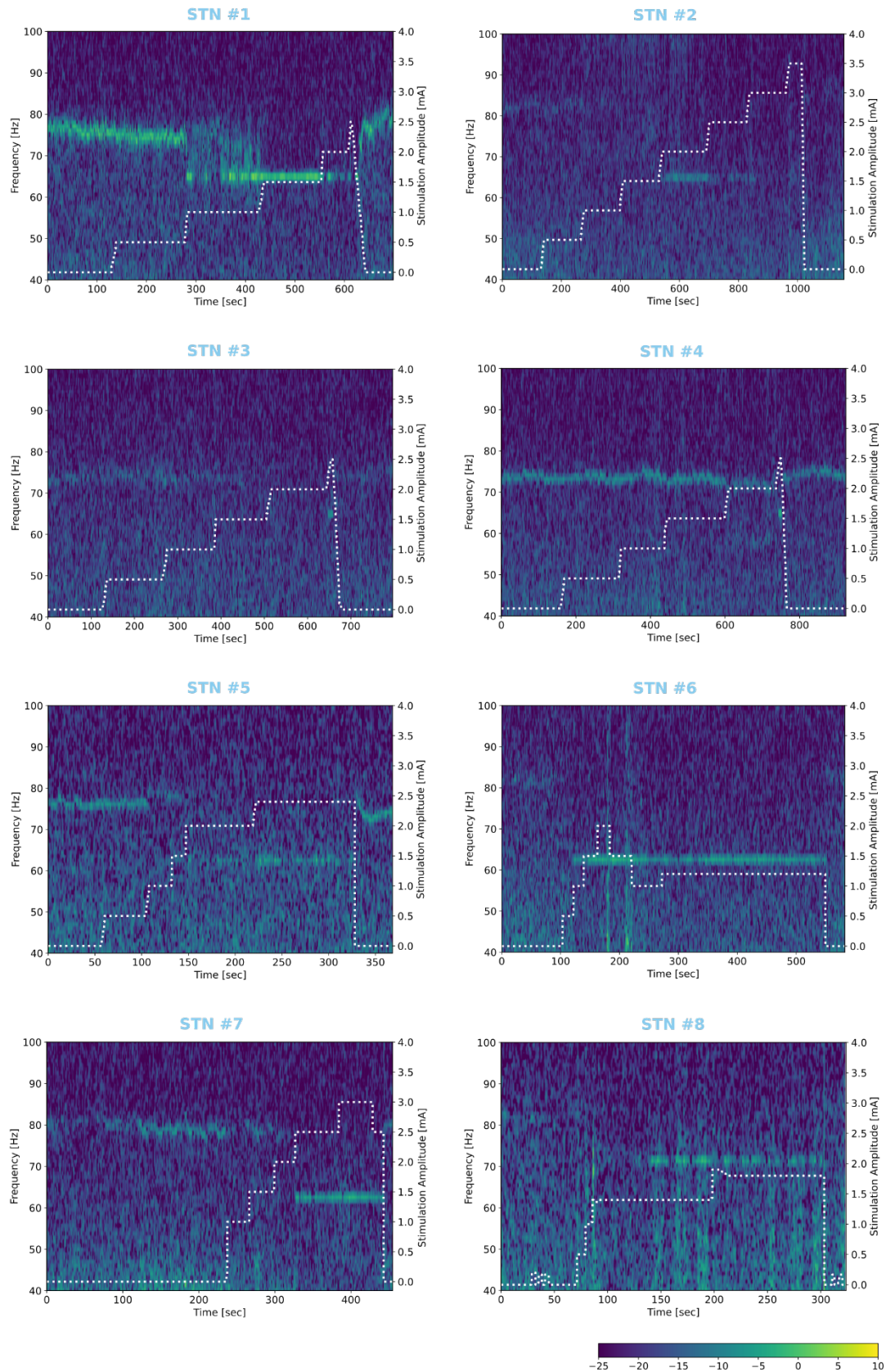
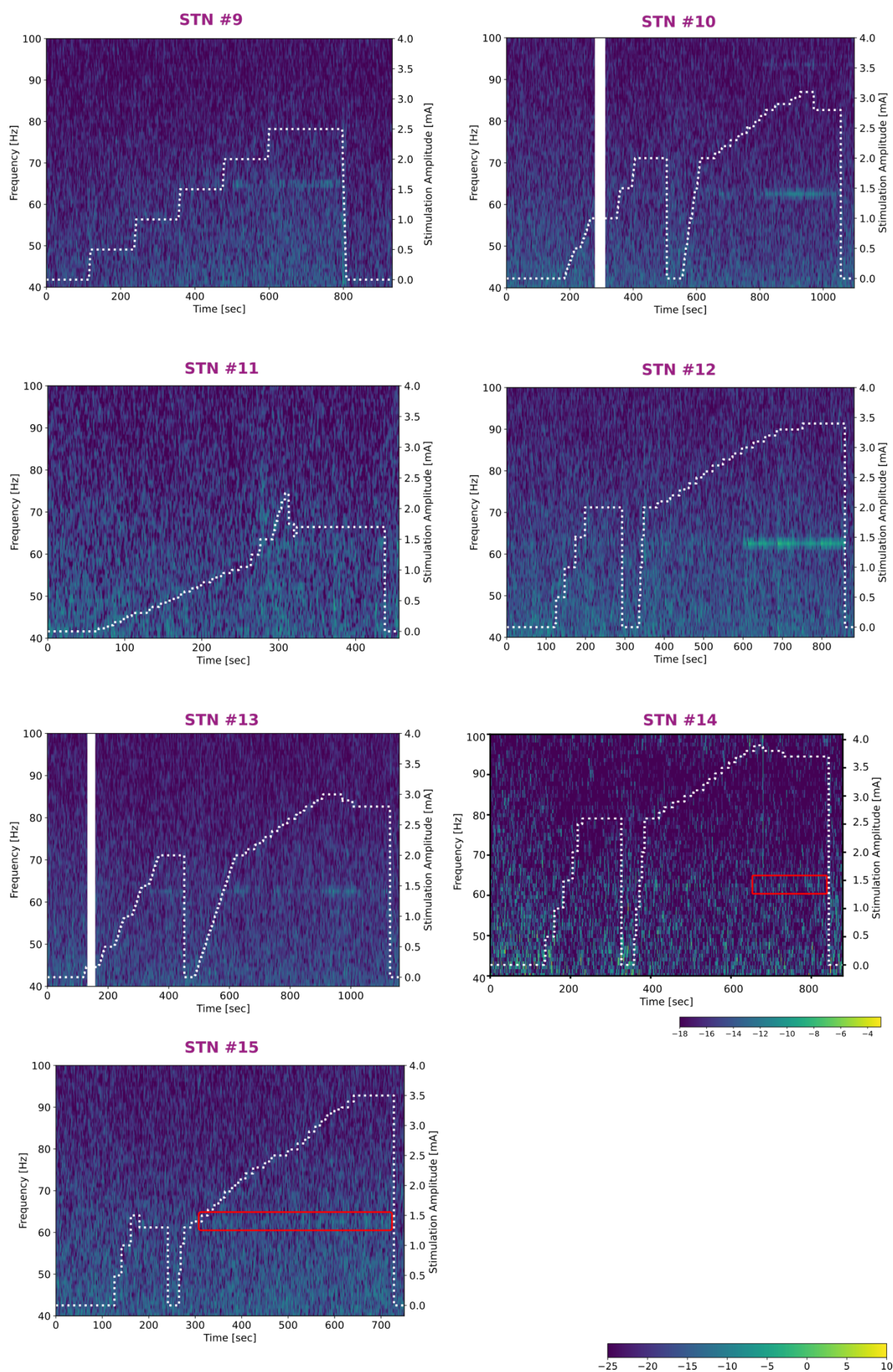


SUPPLEMENTARY MATERIAL

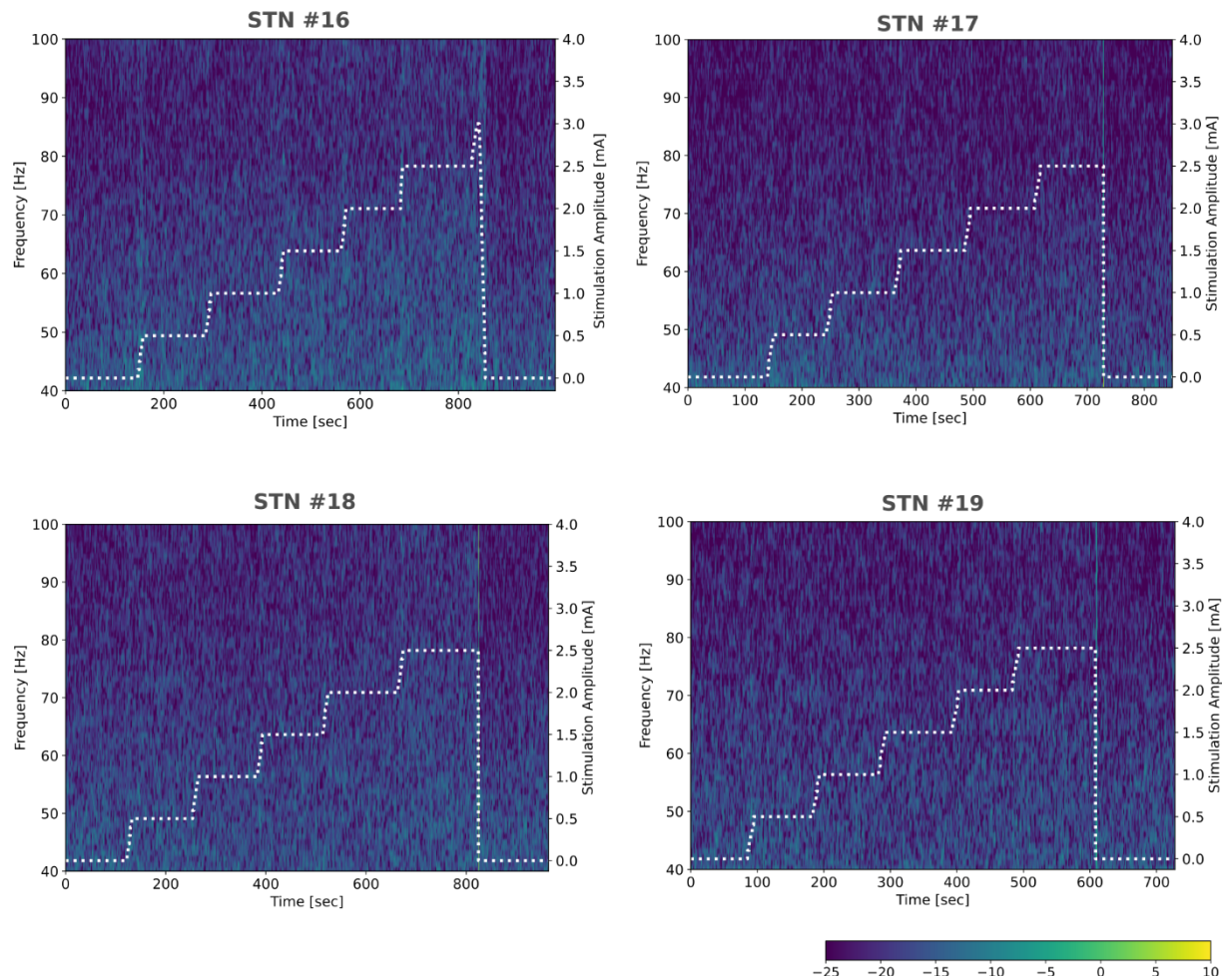
(A) Group With FTG DBS-Off (STNs #1 - #8)



(B) Group Without FTG DBS-Off (STNs #9 - #15)



(C) Group with no Gamma Activity (STNs #16 - #19)



Supplementary Figure 1. Individual spectrograms of all STNs. (A) STNs with spontaneous FTG during DBS-off. (B) STNs without spontaneous FTG during DBS-off. Note that figure of the STN #14 has a different color scale. (C) STNs without gamma activity detected on/off DBS.