

Supplemental Figure 1. Localization of EAGBR power, averaged across attention condition and time point, for healthy controls (HC) and first-episode psychosis (FEP) groups. While arrows indicate the location of our auditory cortex parcel (shaded in black).

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|  | **PANSS Posa** | **PANSS Negb** | **GF:Rc** | **GF:Sd** |
| **Baseline****Power Mod****ITPC Mod** | *ρ* = .04*ρ =* .01 | *ρ =* -.20*ρ =* -.26 | *ρ =* .15*ρ =* .06 | *ρ =* .10*ρ = .02* |
| **Follow-Up****Power Mod****ITPC Mod** | *ρ* = .11*ρ =* .13 | *ρ =* -.12*ρ =* -.09 | *ρ =* -.26*ρ =* -.15 | *ρ =* -.01*ρ =* -.05 |
| **Delta****Power Mod****ITPC Mod** | *ρ =* -.20*ρ =* .00 | *ρ =* -.43\**ρ =* -.55\* | *ρ =* .25*ρ =* .06 | *ρ =* .21*ρ =* .16 |

Supplemental Table 1. Correlations between EAGBR modulation and clinical ratings

aPositive symptom component of the Positive and Negative Syndrome Scale; bNegative symptom component of the Positive and Negative Syndrome Scale; cGlobal Functioning: Role scale; dGlobal Functioning: Social scale

*\*p*<.05

Supplemental Table 2. Exploratory correlations between EAGBR and clinical measures

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|  | **PANSS Posa** | **PANSS Negb** | **GF:Rc** | **GF:Sd** |
| **Baseline****Power Active****Power Passive****ITPC Active****ITPC Passive** | *ρ* = -.16*ρ* = .08*ρ =* .02*ρ =* .07 | *ρ* = .20*ρ* = .50\**ρ =* .03*ρ =* .18 | *ρ* = -.02*ρ* = -.24*ρ =* -.12*ρ =* -.12 | *ρ* = .03*ρ* = -.30*ρ =* -.16*ρ =* -.09 |
| **Follow-Up****Power Active****Power Passive****ITPC Active****ITPC Passive** | *ρ* = .10*ρ* = -.02*ρ =* .11*ρ =* .03 | *ρ* = .27*ρ* = .33*ρ =* .23*ρ =* .46\* | *ρ* = -.26*ρ* = -.07*ρ =* -.23*ρ =* -.12 | *ρ* = -.03*ρ* = -.04*ρ =* -.24*ρ =* -.22 |
| **Delta****Power Active****Power Passive****ITPC Active****ITPC Passive** | *ρ* = .21*ρ* = .02*ρ =* -.05*ρ =* -.04 | *ρ* = .15*ρ* = .51\**ρ =* .10*ρ =* .45\* | *ρ* = .11*ρ* = -.16*ρ =* .03*ρ =* .01 | *ρ* = .25*ρ* = -.07*ρ =* .01*ρ =* -.31 |

aPositive symptom component of the Positive and Negative Syndrome Scale; bNegative symptom component of the Positive and Negative Syndrome Scale; cGlobal Functioning: Role scale; dGlobal Functioning: Social scale

\**p*<.05