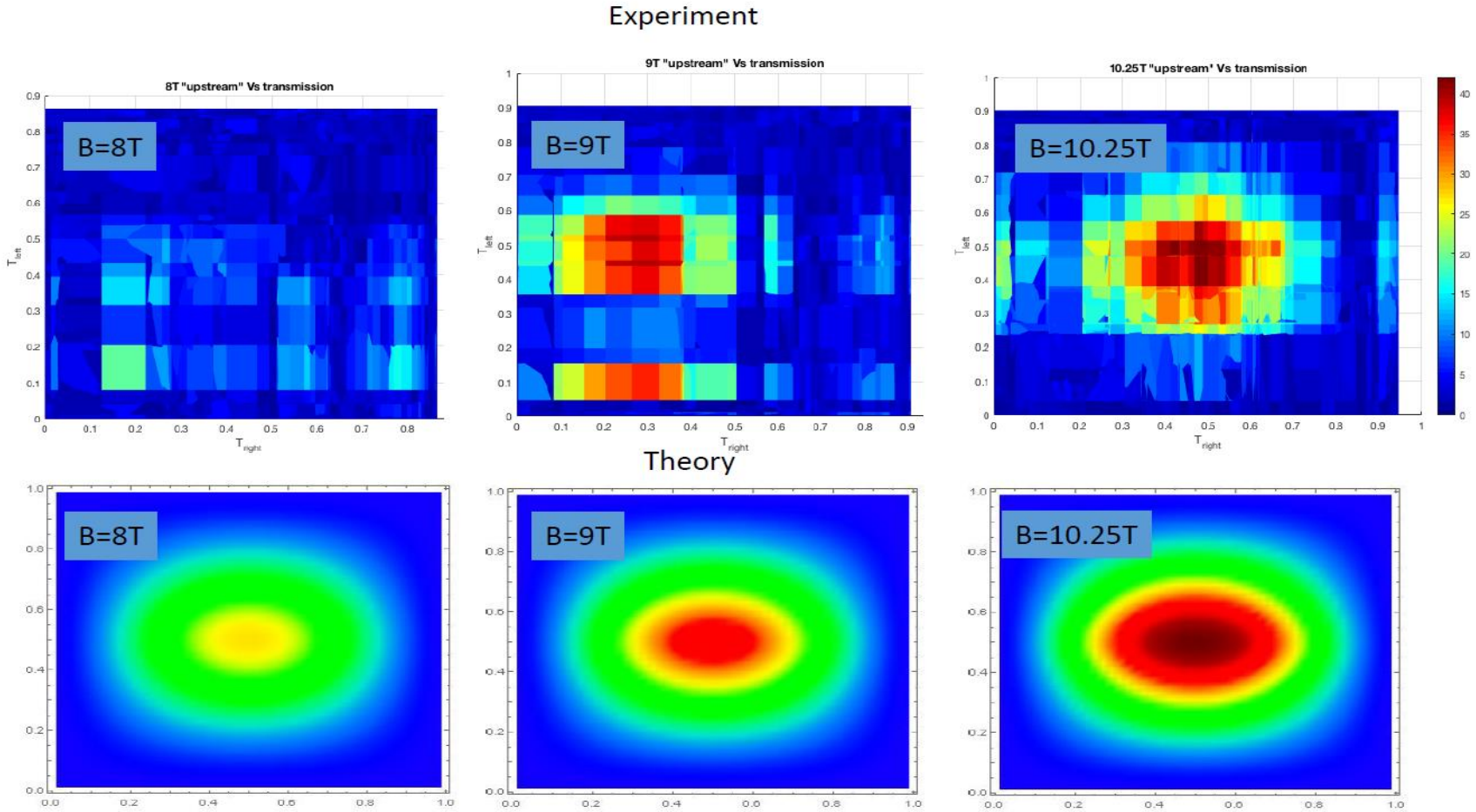

Fig. 2: **Comparison between experiment and theory.** The upstream current, as a function of the transmission coefficients of the two quantum point contacts, for 3 values of magnetic field as measured in the experiment (first row, from Fig. 4 in *(1)*) and as calculated theoretically using the formula in the text (second row). To best fit the experiment, we set Δ_1, Δ_2=2 and 5, respectively (we define the unit of energy as the Zeeman energy splitting when B is equal to 1 Tesla).