3D data (Concrete Wall, May 2022)

15 parallel vertical profiles on a concrete wall of a car box in the basement of a new building (see pictures below)

Profile interdistance: 10 cm

Polarization: HH

Antenna: IDS, 3 GHz

TX-RX distance= 6 cm

Objective: 3D mapping of horizontal metal rebars (number of rebars, location, interdistance, depth)

Suggestion for data processing: as a first step, it is fundamental to align the background signal of all the profiles (as a suggestion you can try to use the correct max phase operation in the static correction/muting menu)