One-Bit DPD
Matlab Code Implementation

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This matlab code contain a single script file, " `OneBitDPD_code.m`", with the implementation of the localization method proposed in the paper:

Weiss, A. and Wornell G. W., "One-Bit Direct Position Determination of Narrowband Gaussian Signals", in Proc. of IEEE Workshop on Statistical Signal Processing (SSP), pp. 466–470, July 2021

In the code, we consider the same setting as the one described in Section 5 of the paper, namely 4 base stations, each with 4-element uniform linear array.