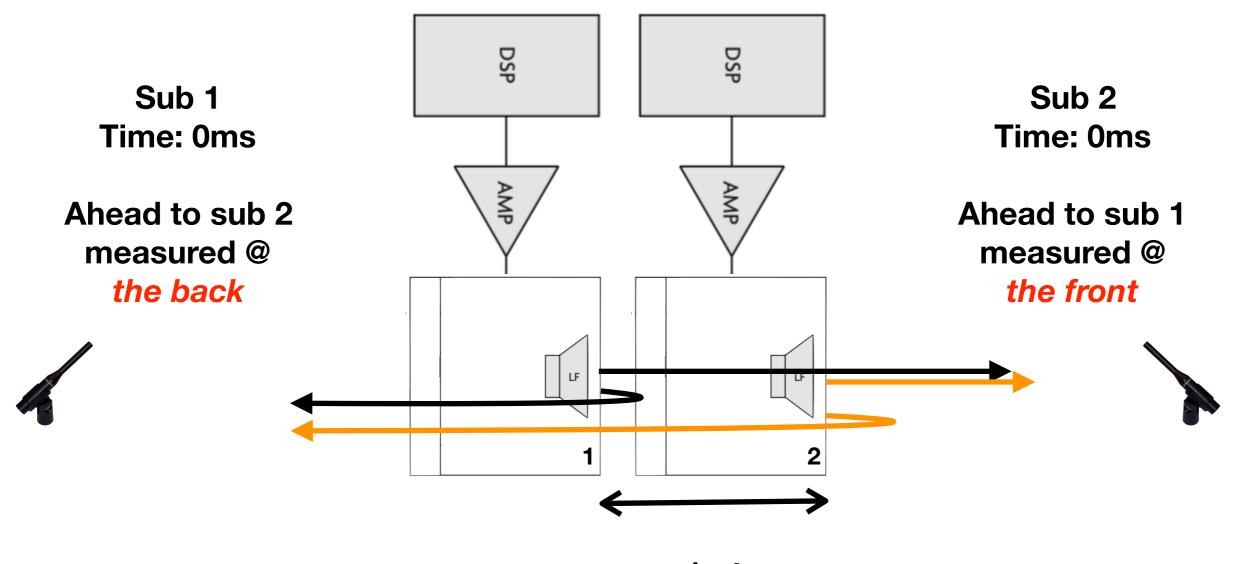
Gradient / Reversed End Fired

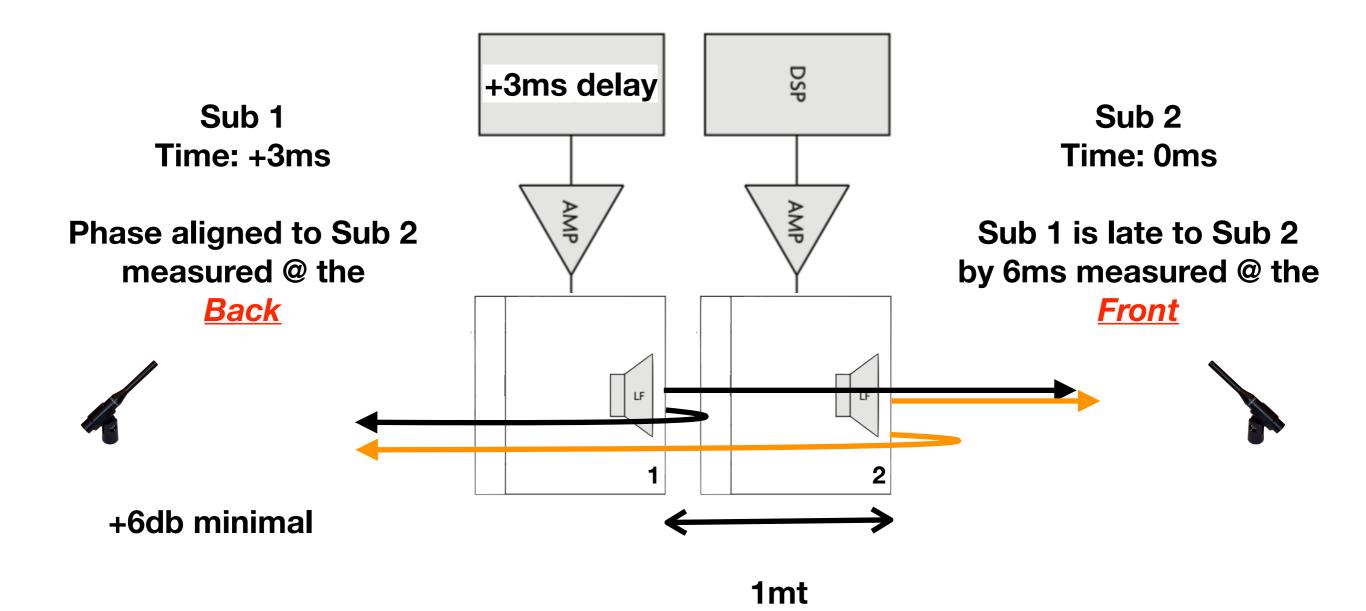


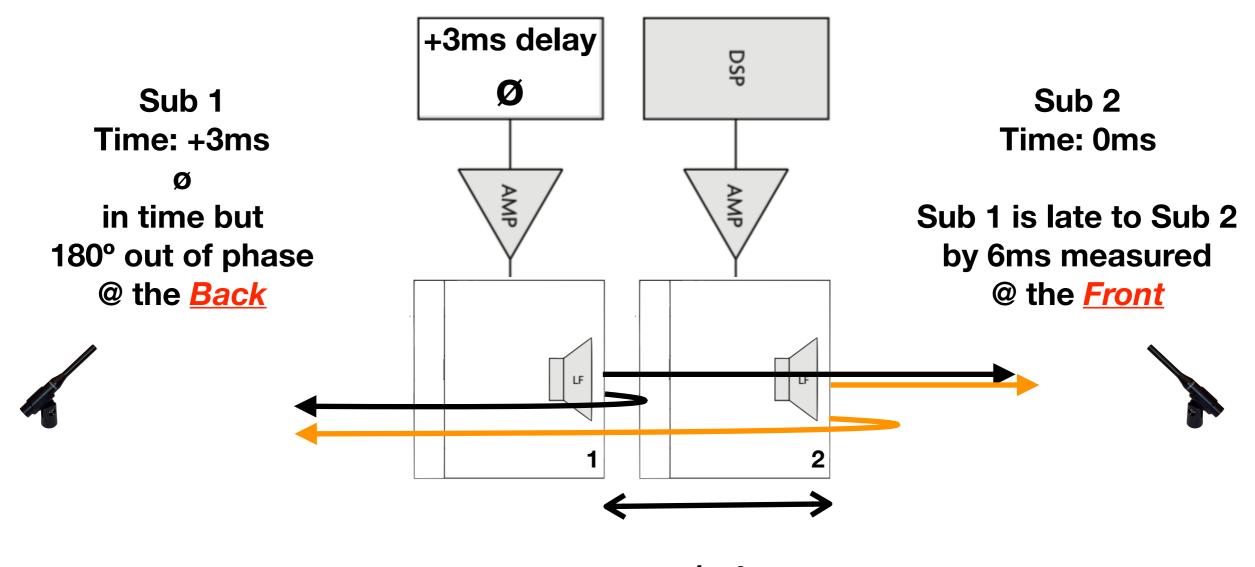
Gradient / Reversed End Fired





1mt

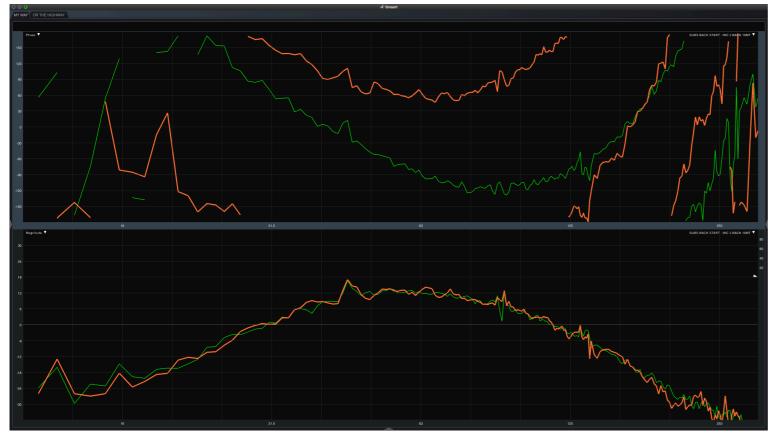




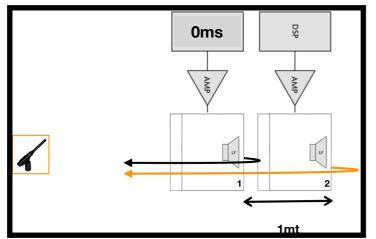
1mt



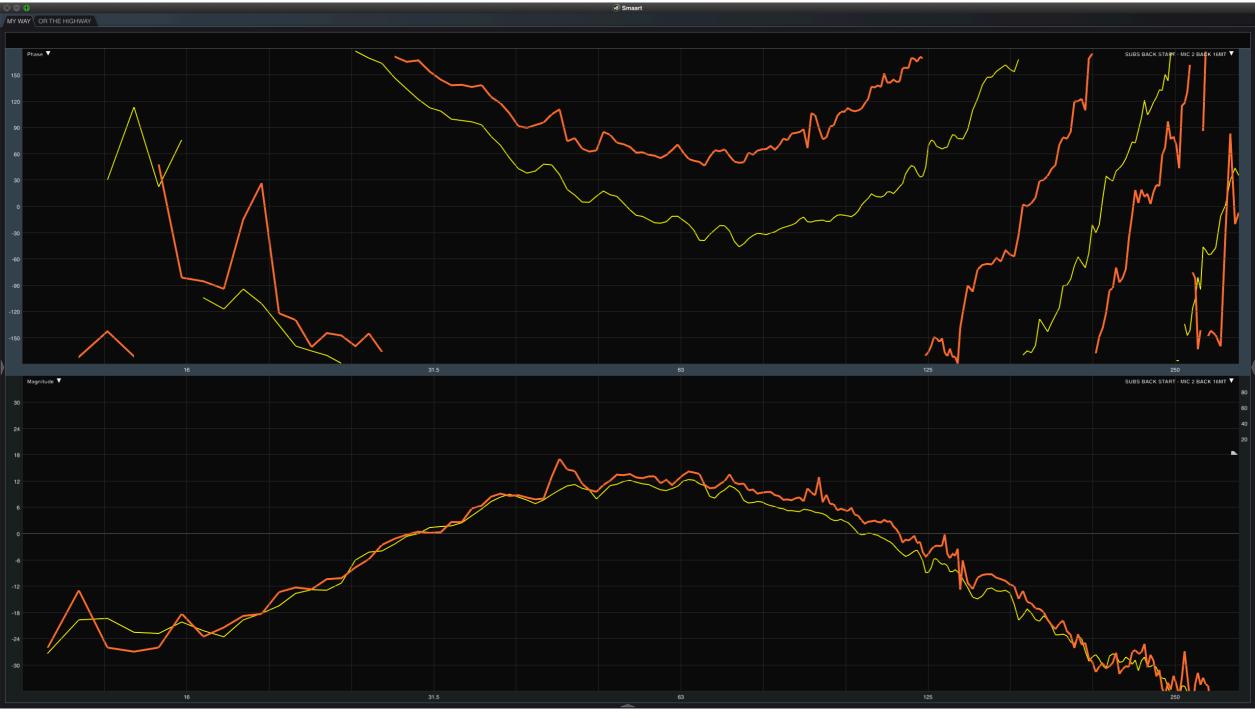
SUBS FRONT START FRONT MIC Green @16MT BACK MIC Orange @16MT

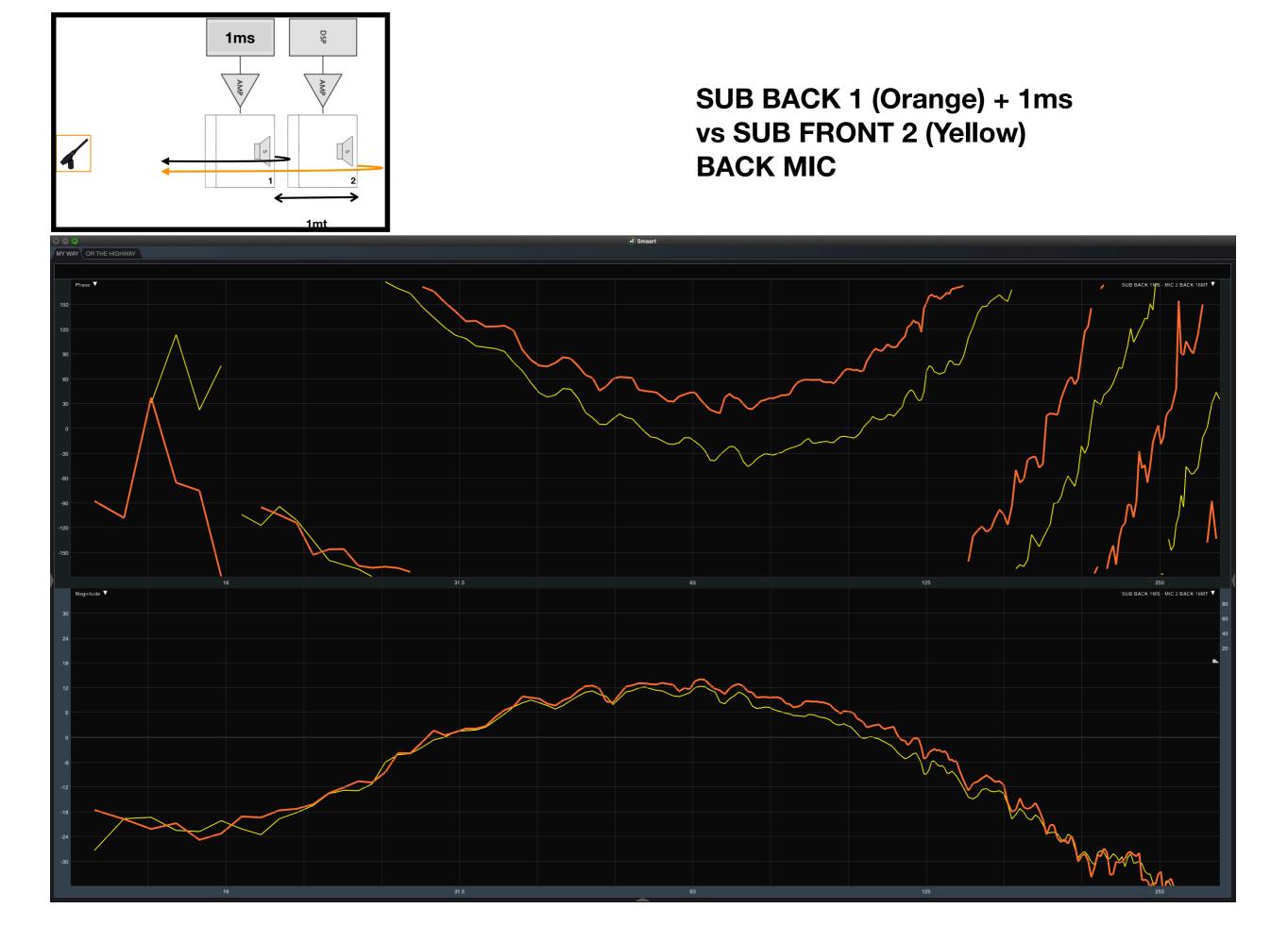


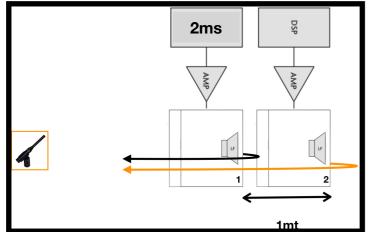
SUBS BACK START FRONT MIC Green @16MT BACK MIC Orange @16MT



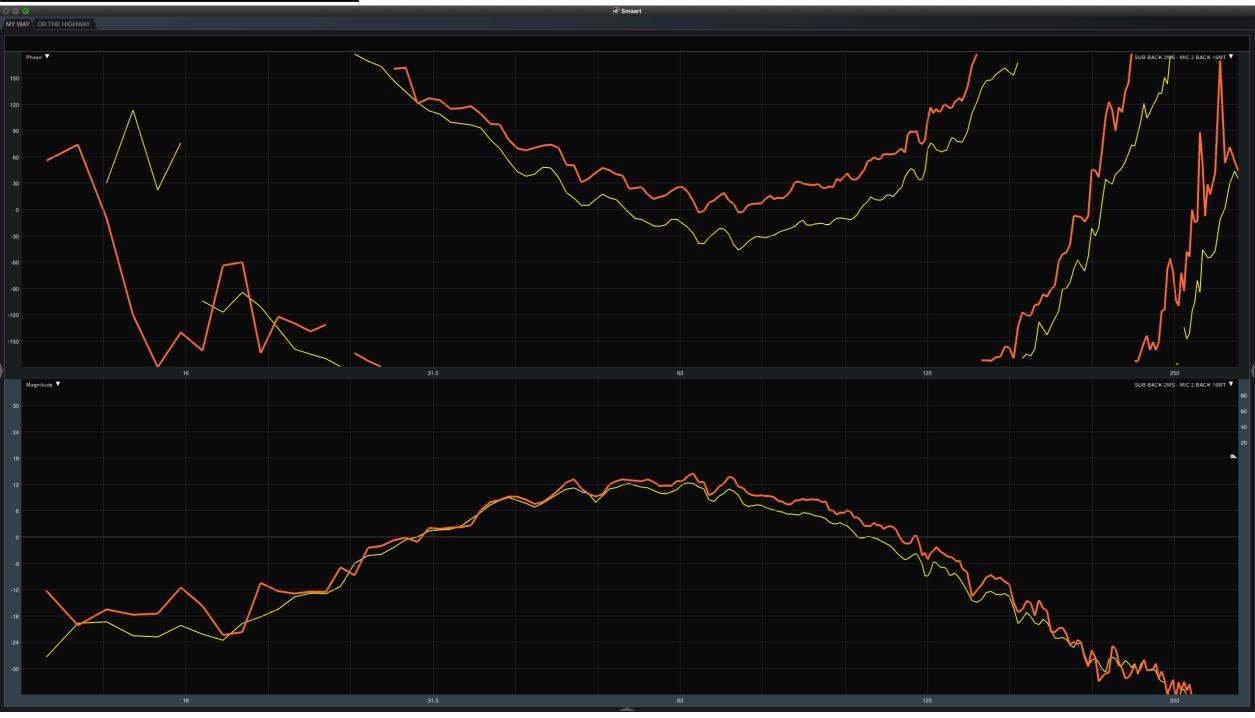
SUB FRONT 2 (Yellow) vs SUB BACK 1 (Orange) BACK MIC SUB BACK 1 Needs to be phase aligned via delay to SUB 2 measured at the back of the array

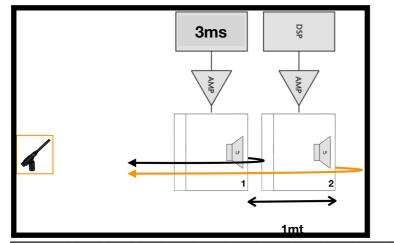




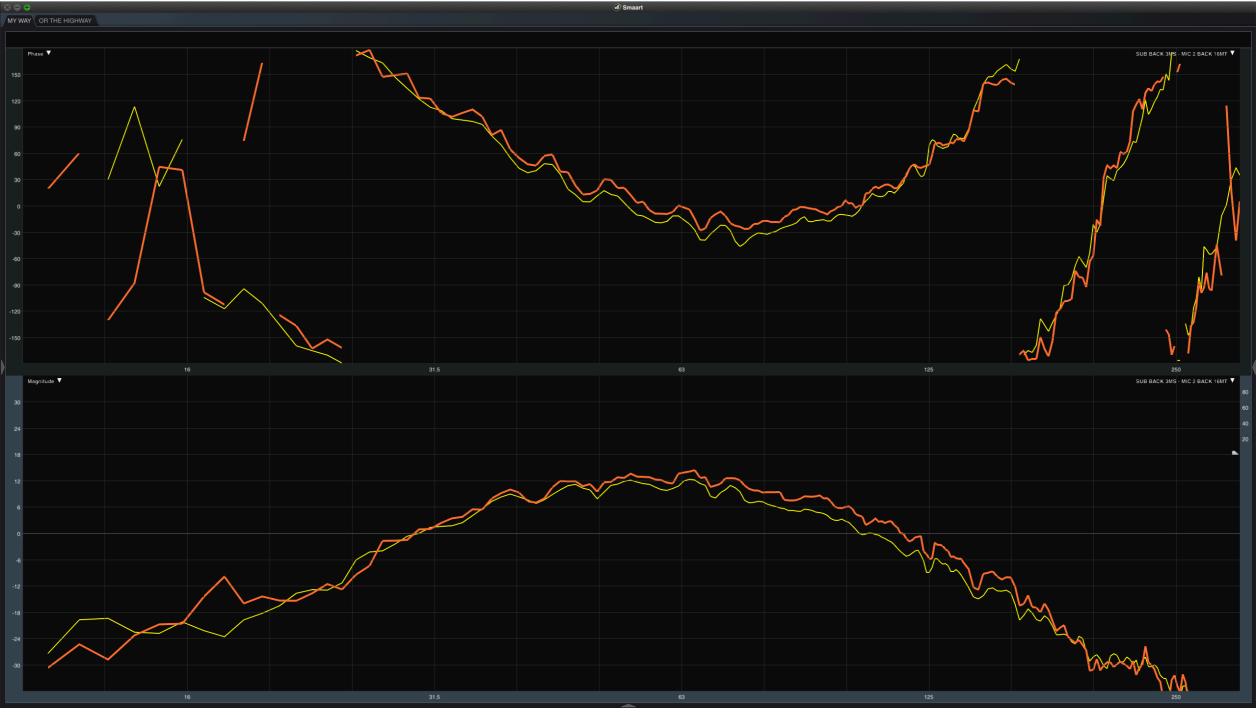


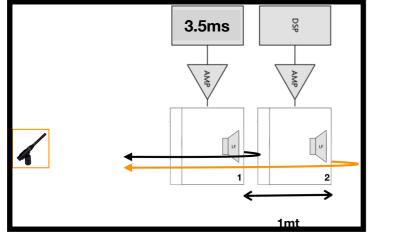
SUB BACK 1 (Orange) + 2ms vs SUB FRONT 2 (Yellow) BACK MIC



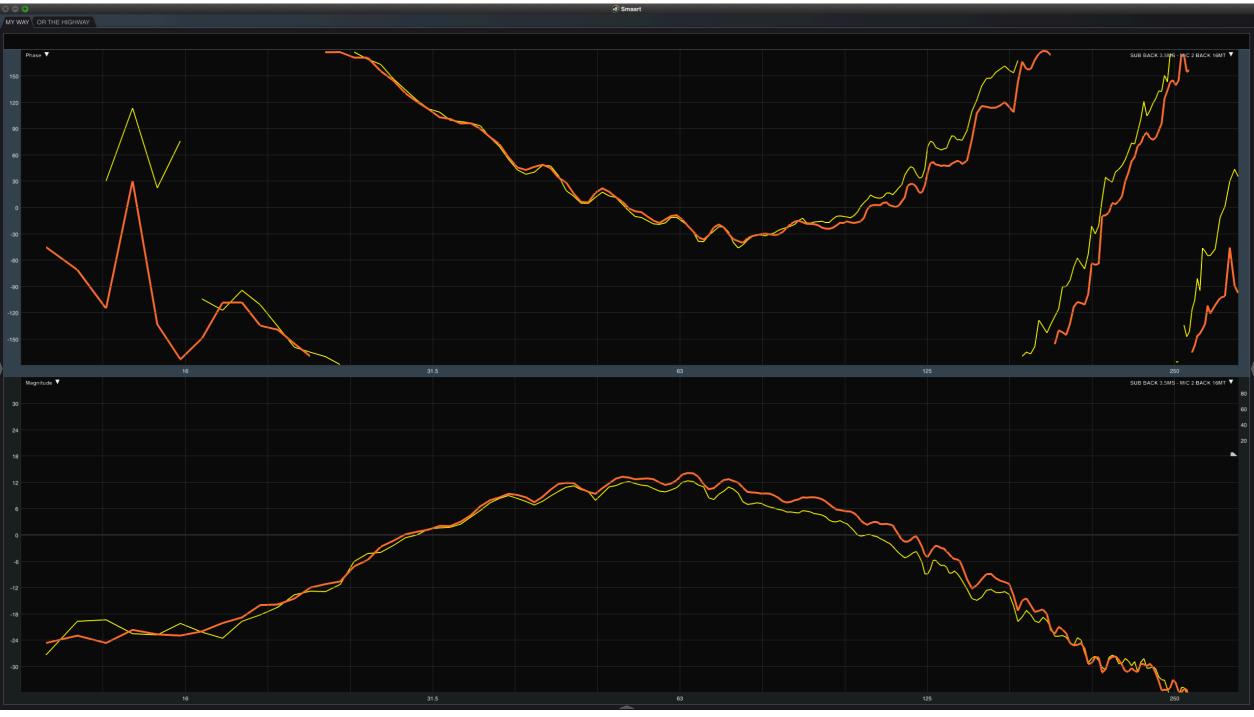


SUB BACK 1 (Orange) + 3ms vs SUB FRONT 2 (Yellow) BACK MIC

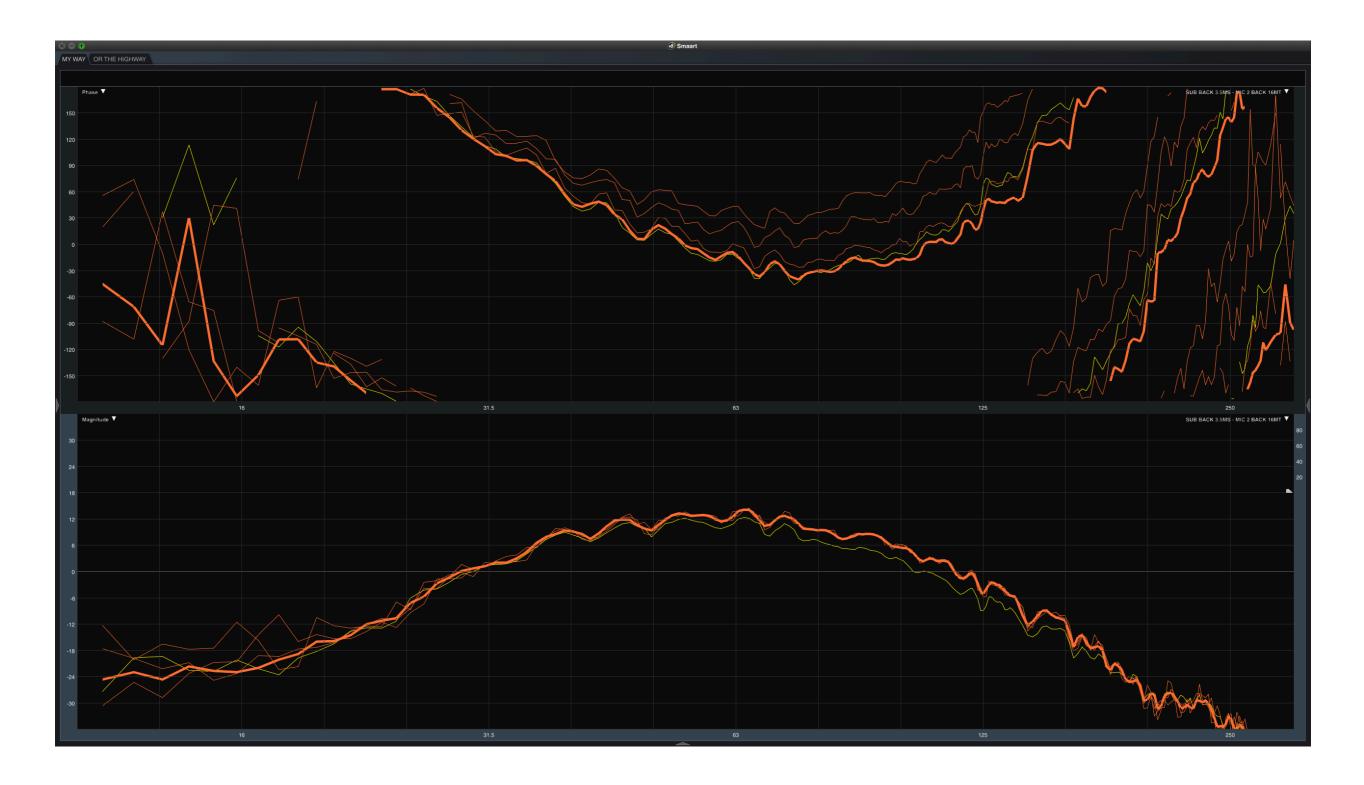


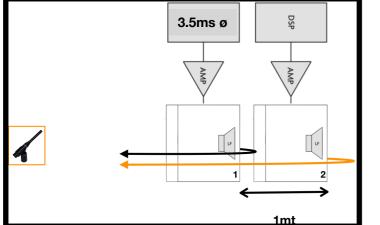


SUB BACK 1 (Orange) + 3.5ms vs SUB FRONT 2 (Yellow) BACK MIC

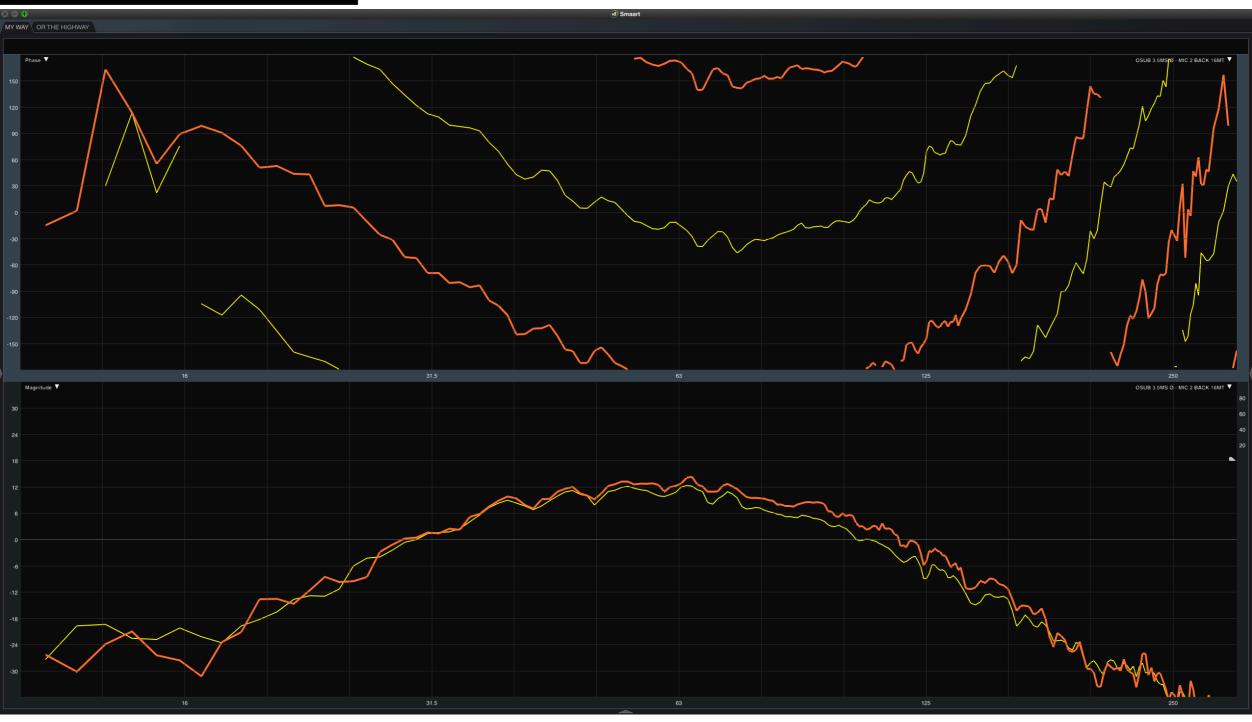


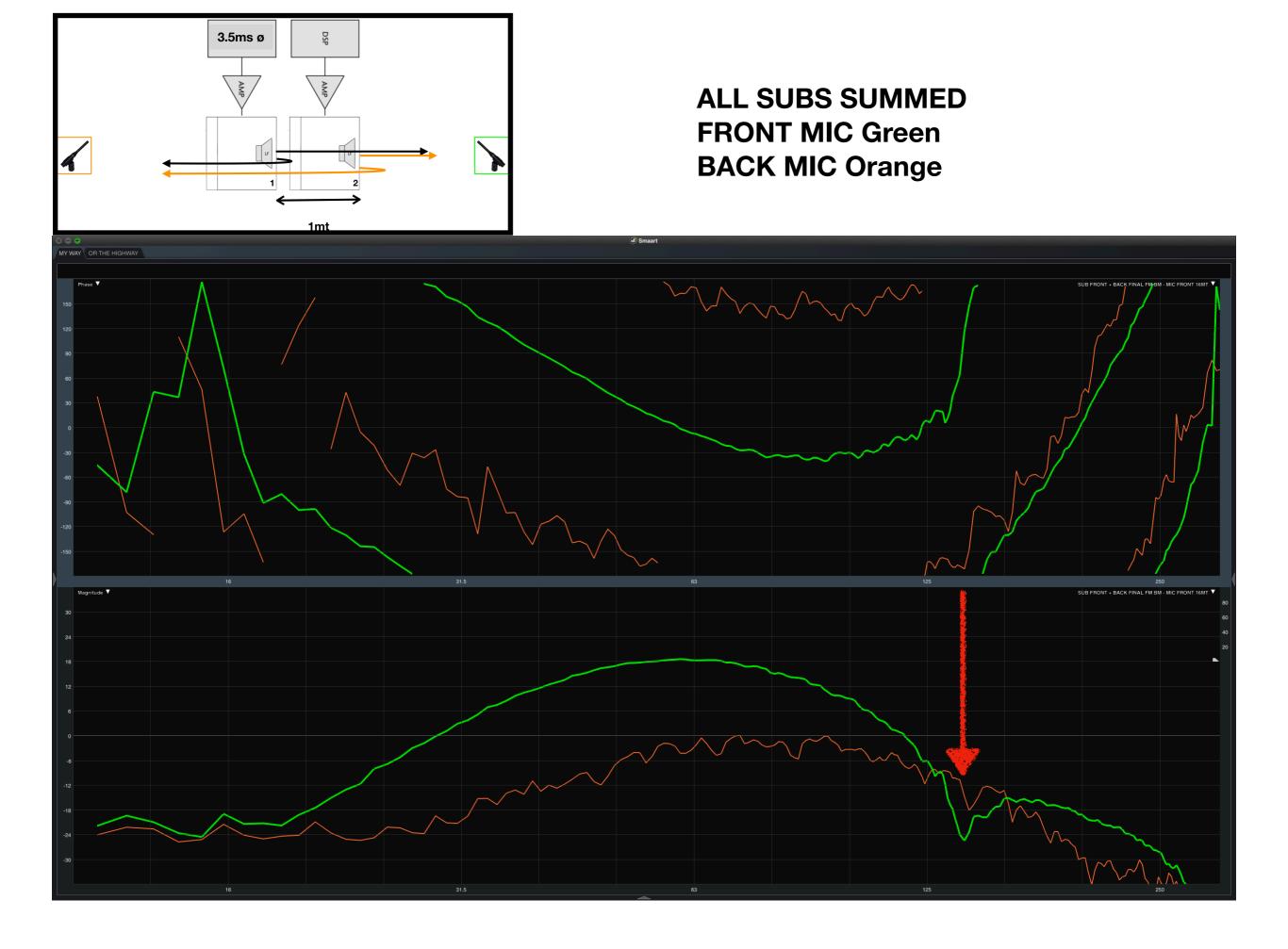
SUB BACK 1 (Orange) ALL TRACES WITH DELAY ADDED vs SUB FRONT 1 (Yellow) BACK MIC





SUB BACK 1 (Orange) + 3.5ms Ø vs SUB FRONT 2 (Yellow) BACK MIC





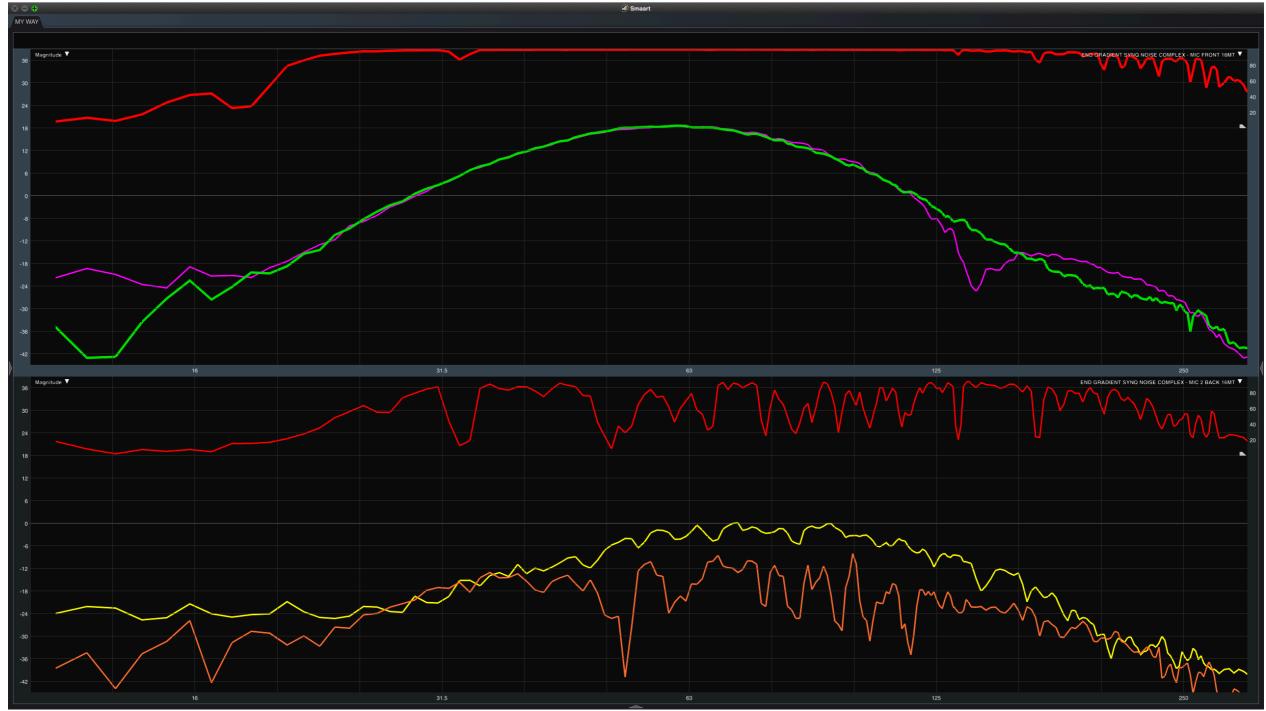
Is there a better way? (read different).

Yes A word of caution though: It can only be done via measurements and keep away from the limiters to avoid "cardioid implosion"

By introducing a little time offset (1ms) / gain (0.7dB) / EQ and a filter combination you can get more reduction at the back.

I only explain this during a sub woofer training sorry ;-)

Green : Gradient Freak Show Front mic Pink : Gradient delay version Front mic Orange : Gradient Freak Show Back mic Yellow : Gradient delay version Back mic



Green : Gradient Freak Show Front mic Pink : Gradient delay version Front mic Orange : Gradient Freak Show Back mic Yellow : Gradient delay version Back mic

