Investigate RHI issue in production

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The problems of RHI found right now

- Deviation

deviation = f(HI, chamber, jig+rec, coupler+rub)
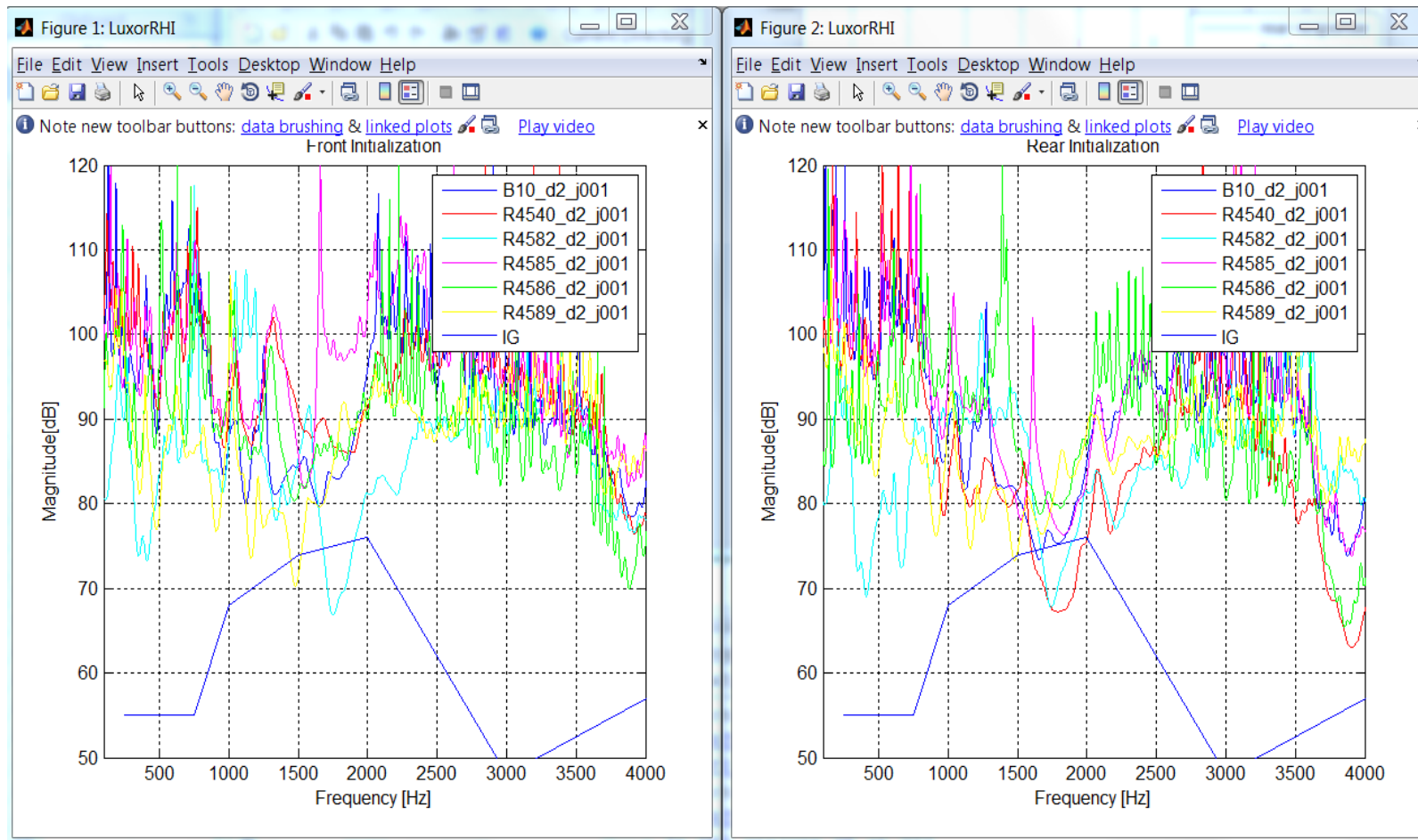
jig+rec

Coupler+rub

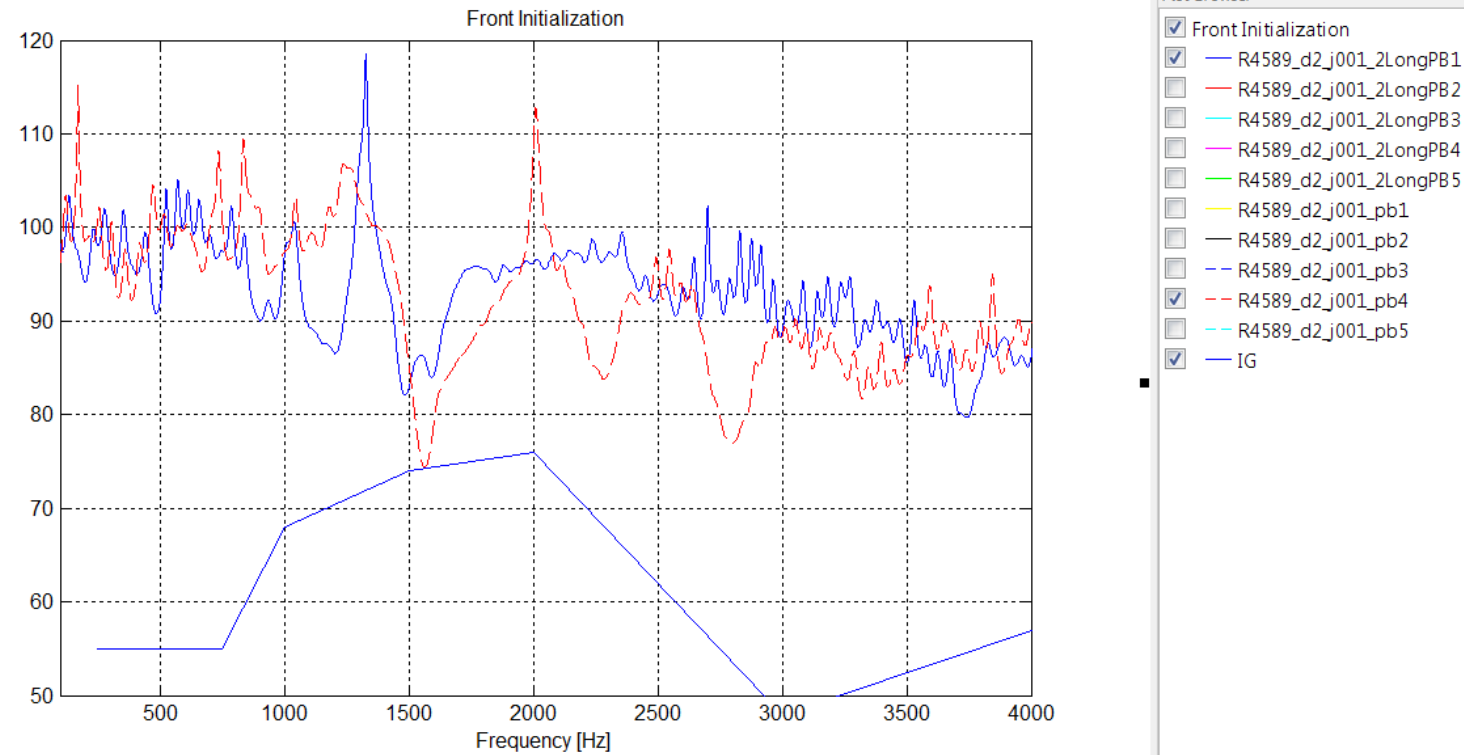# deviation = f(HI, chamber, jig+rec, coupler+rub)

- General test
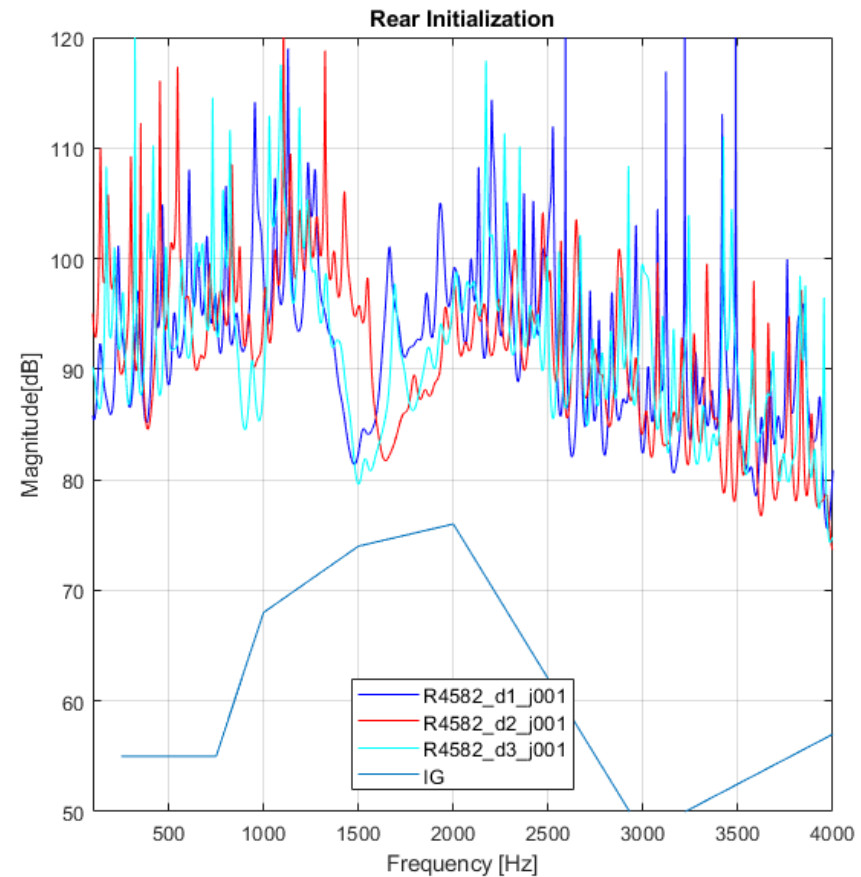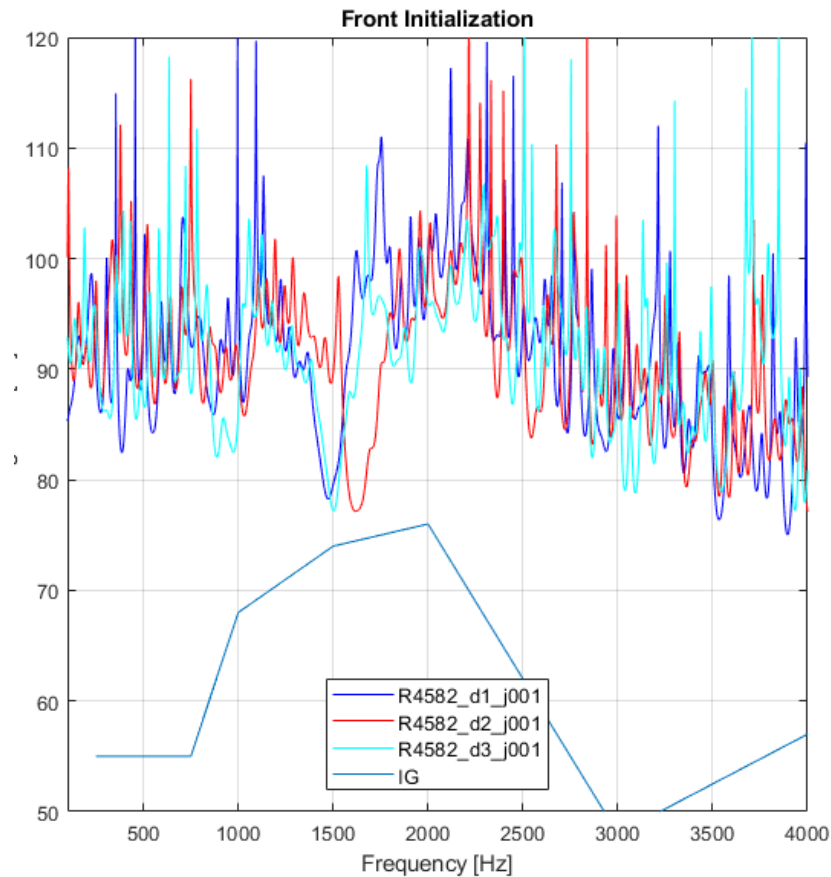
deviation = f(HI, chamber, jig+rec, coupler+rub)

HI:PB, either short or long, will shift the results in two status.

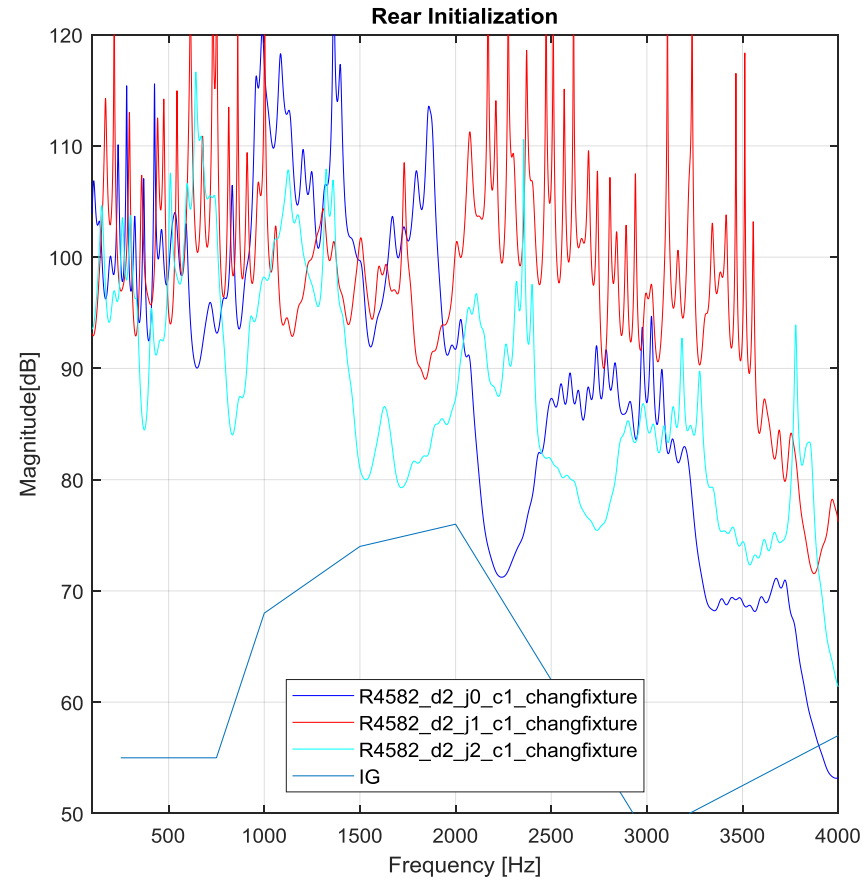Make a requirement with ME to make sure this is under control.

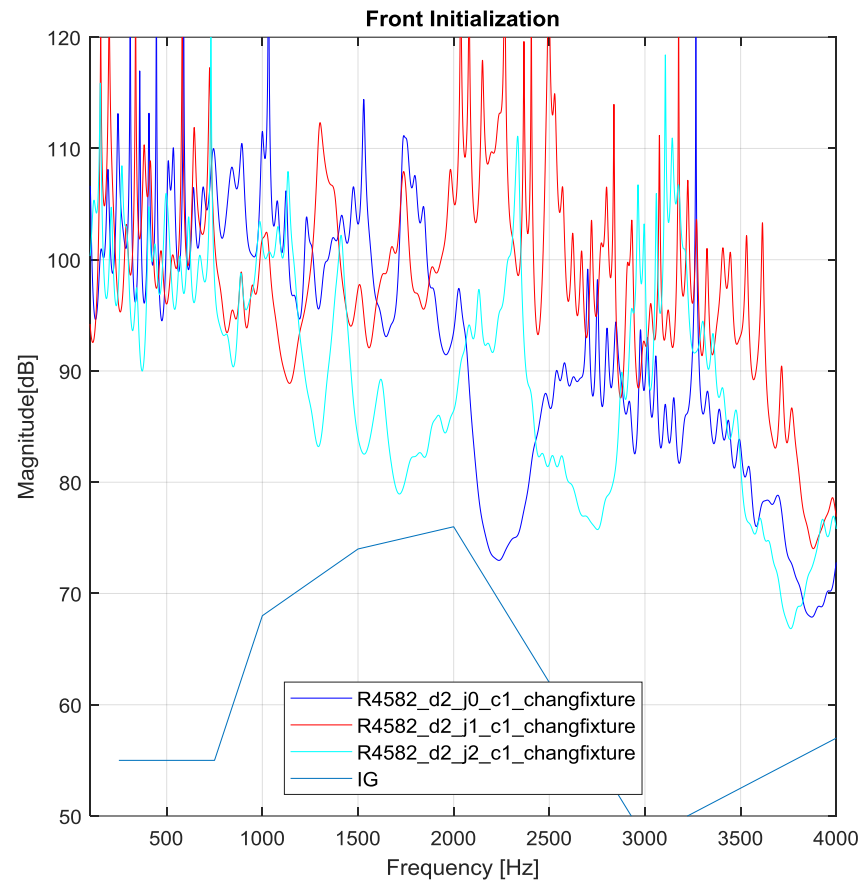# deviation = f(HI, ~~chamber~~, jig+rec, coupler+rub)

- Switch 3 chambers

Front Initialization

Rear Initialization

deviation = f(HI, jig+rec, coupler+rub)

Front Initialization

Rear Initialization

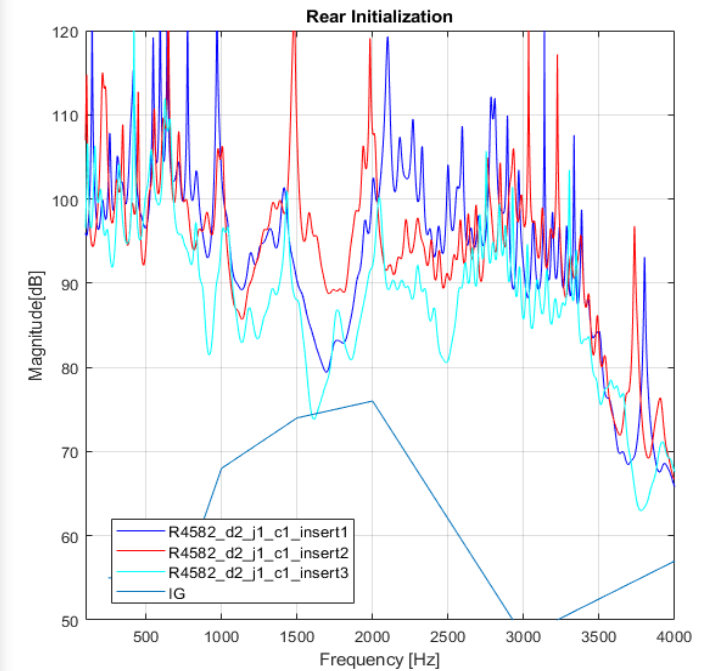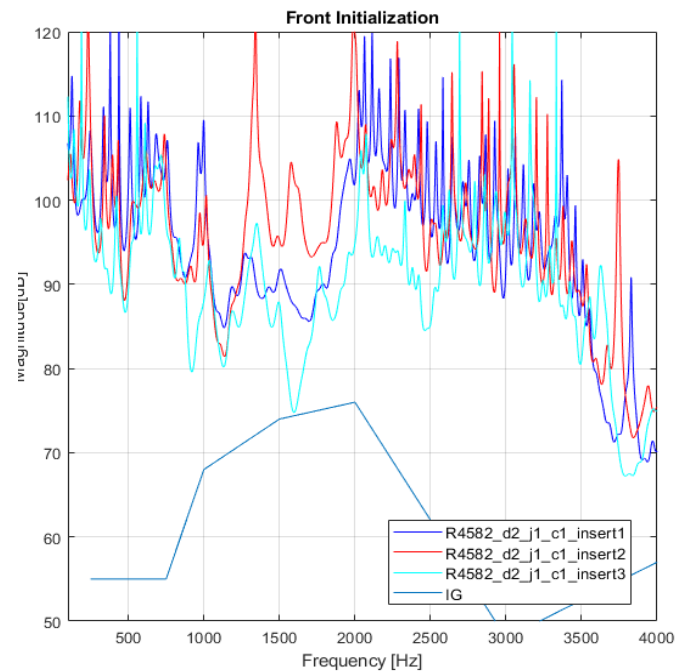# deviation = f(HI, jig+rec, coupler+rub)

reinsert the coupler can make deviation
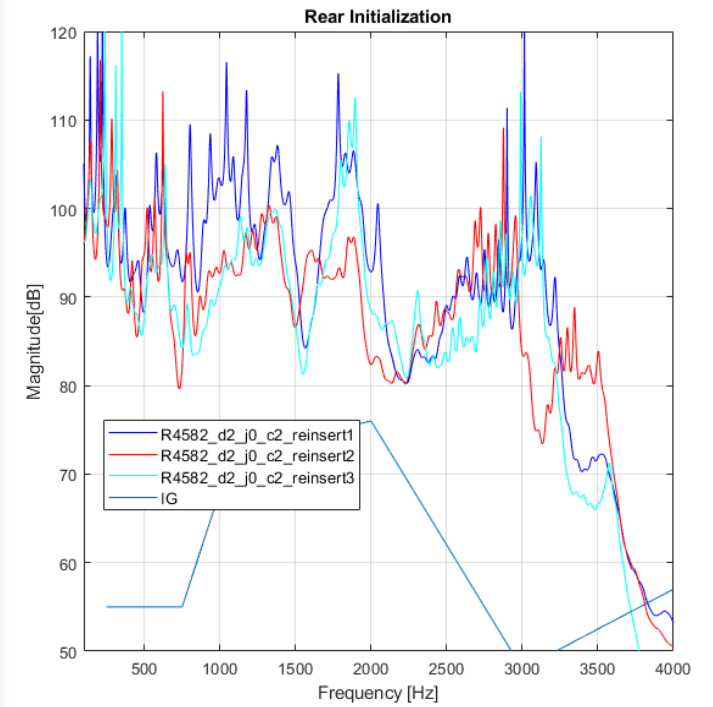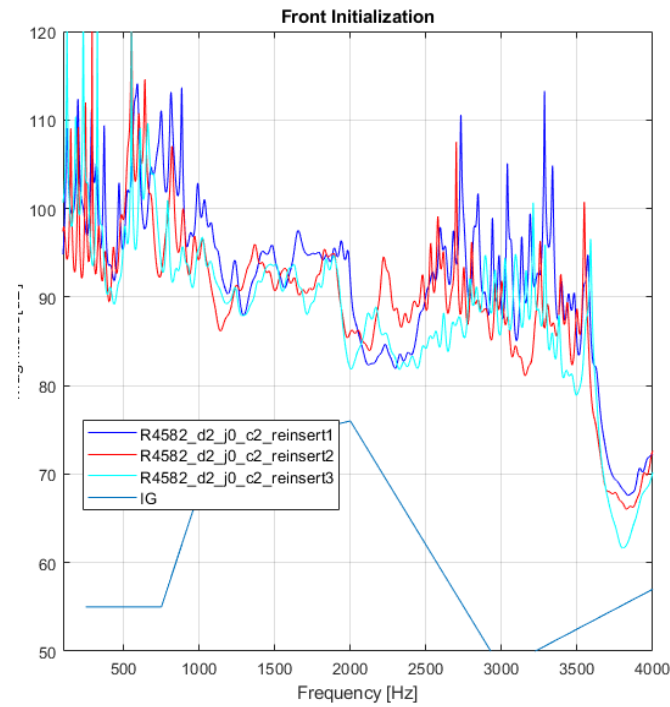
J0+C1: **

J0+C2: **

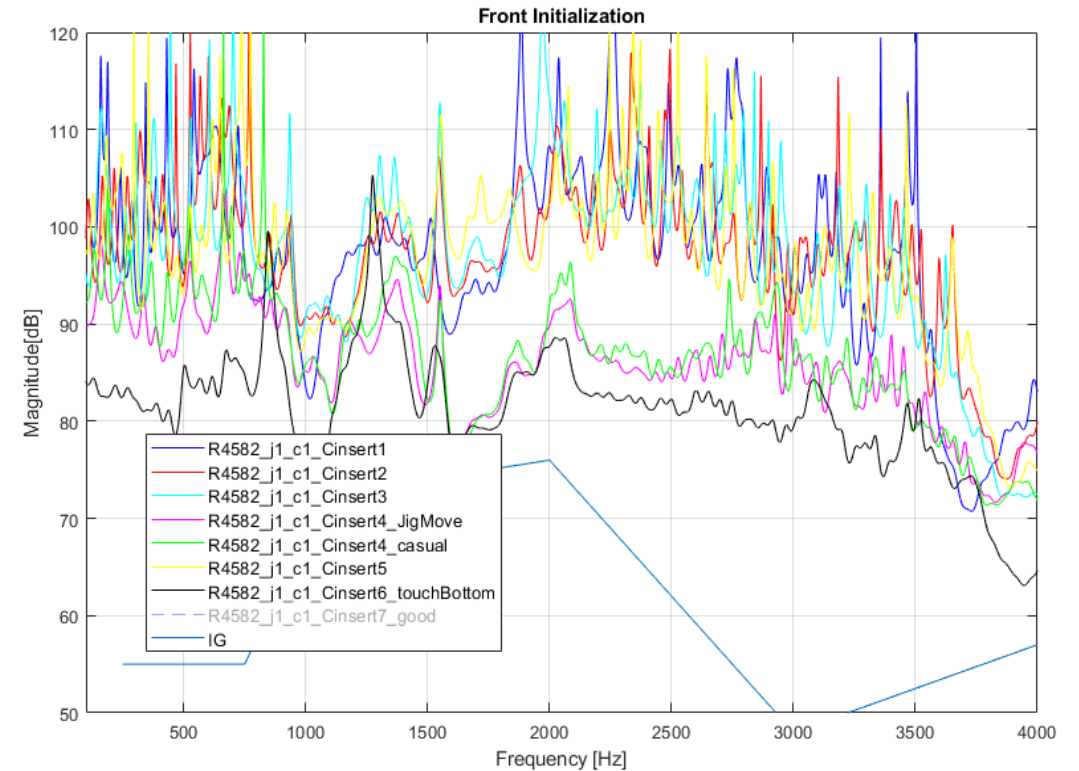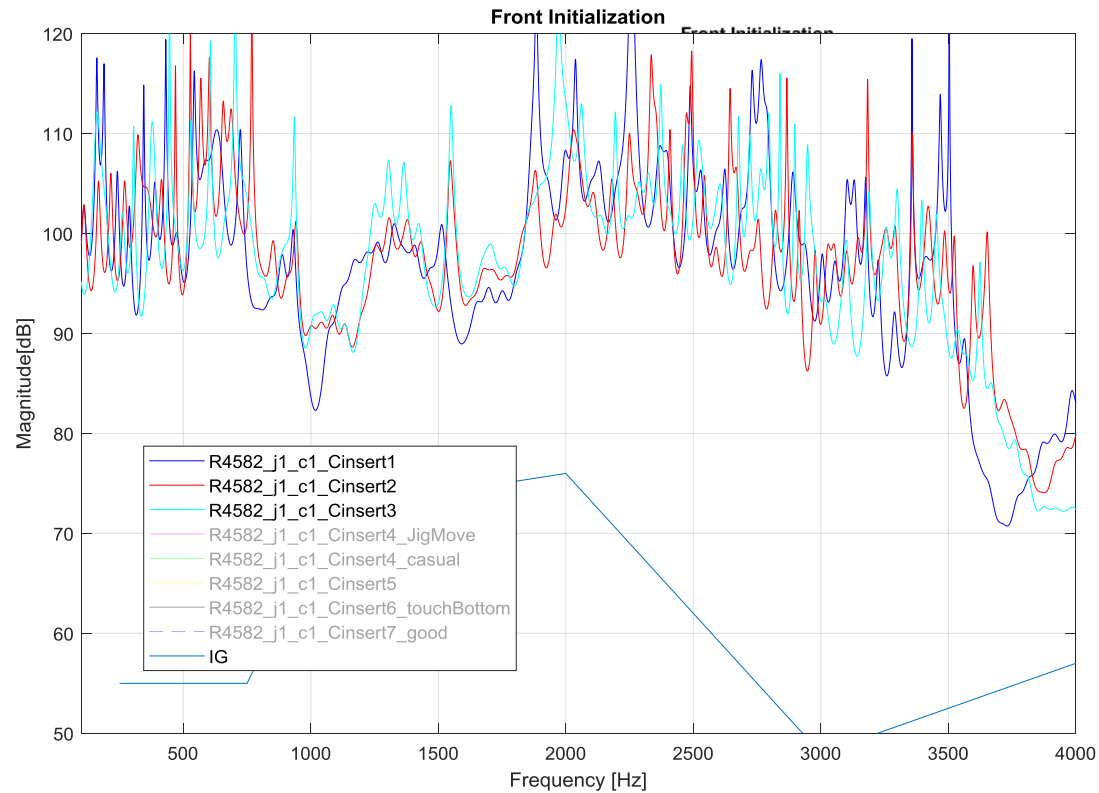J0+C3: ***

J1+C1: *

J1+C2: *

J1+C3: **

Performance is better in jig0 whatever coupler

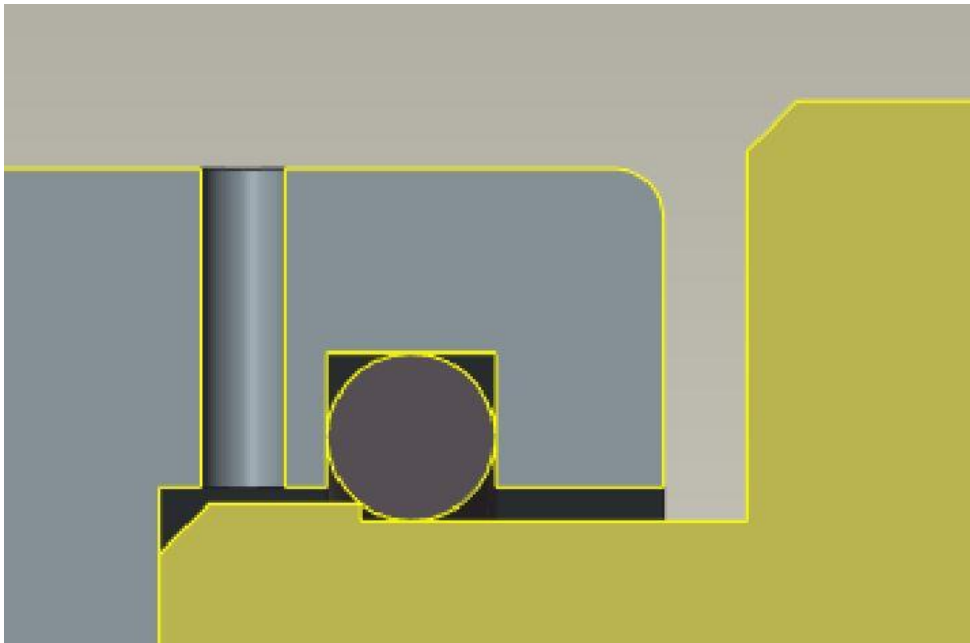**we can still find a good group, so maybe it can be avoid by a good jig and coupler.**
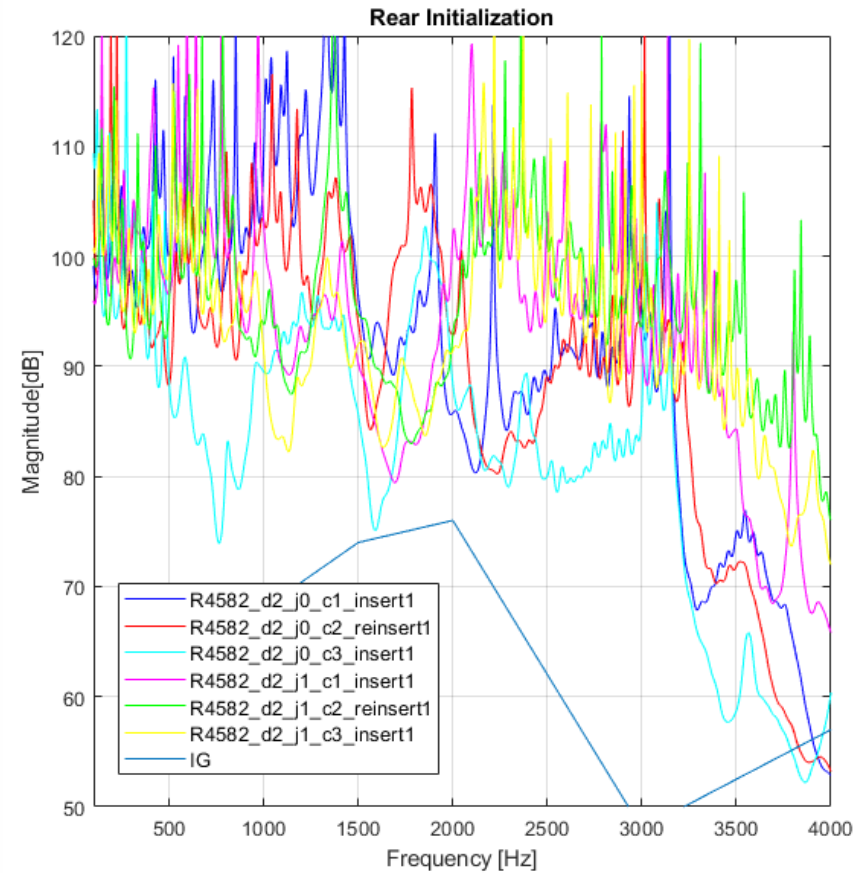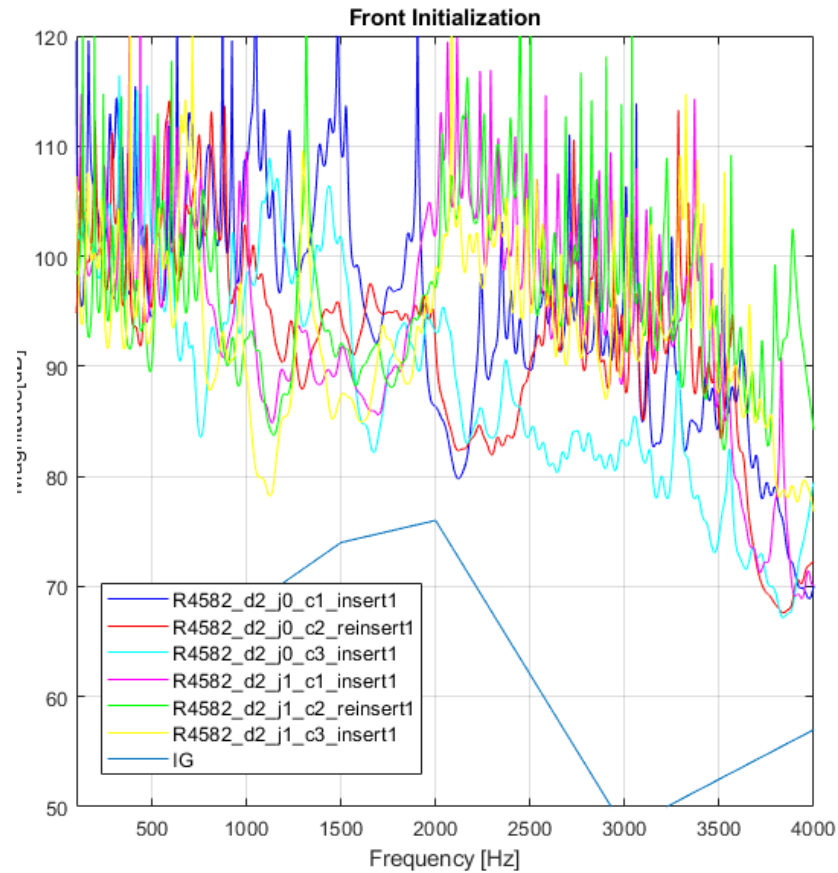
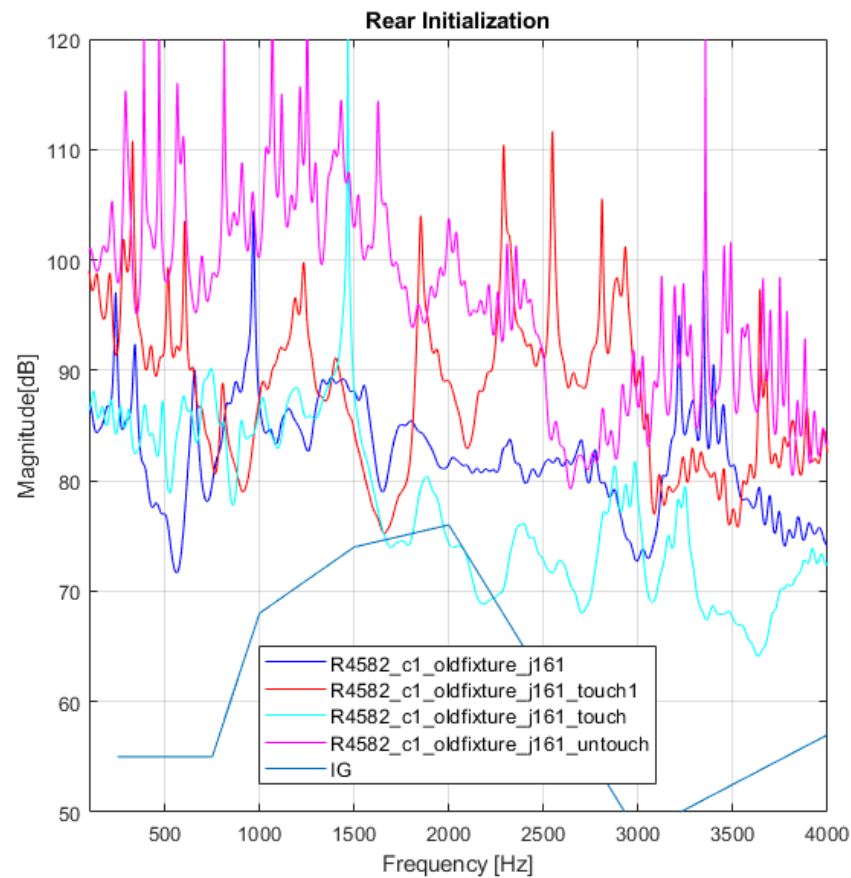# deviation = f(HI, jig+rec, coupler+rub, re-insert)

deviation = f(HI, jig+rec, coupler+rub, ~~re-insert~~)

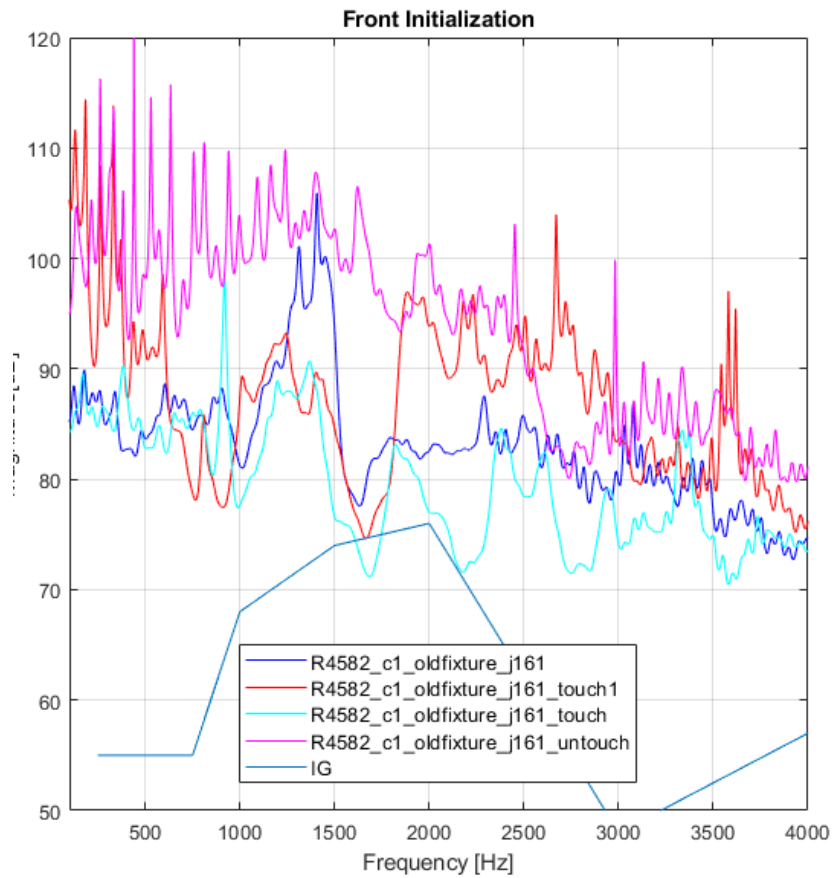# msg = f(HI, jig+rec, coupler+rub)

msg = f(HI, jig+rec, coupler+rub)
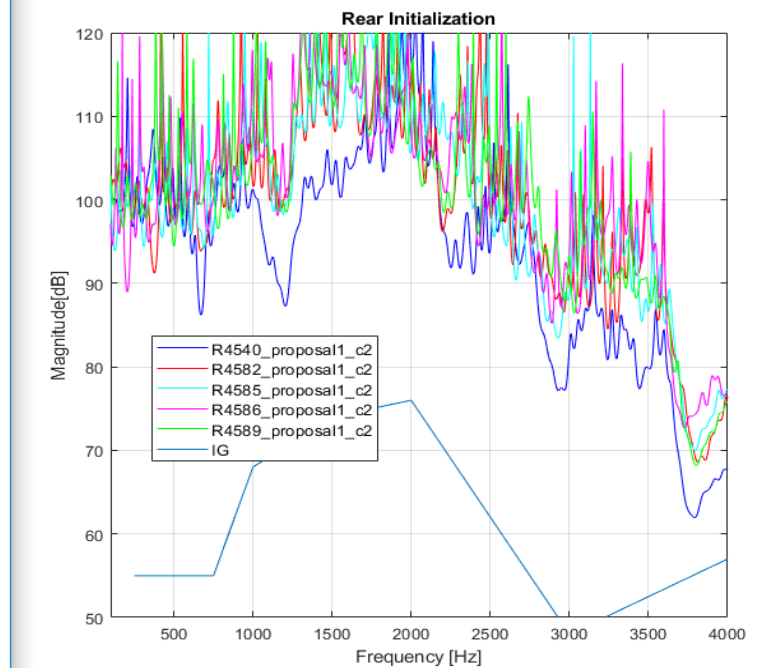

Old fixture
This discussion is for reference

proposal1

msg = f(HI, jig+rec, coupler+rub)

Front Initialization

proposal2

Front Initialization

Legend
R4586_proposal1_c2_NewRec_noTouchJig
R4586_proposal1_c2
R4586_proposal2_c2_NewRec_noHlfixer
IG

Rear Initialization

Legend
R4586_proposal1_c2_NewRec_noTouchJig
R4586_proposal1_c2
R4586_proposal2_c2_NewRec_noHlfixer
IG