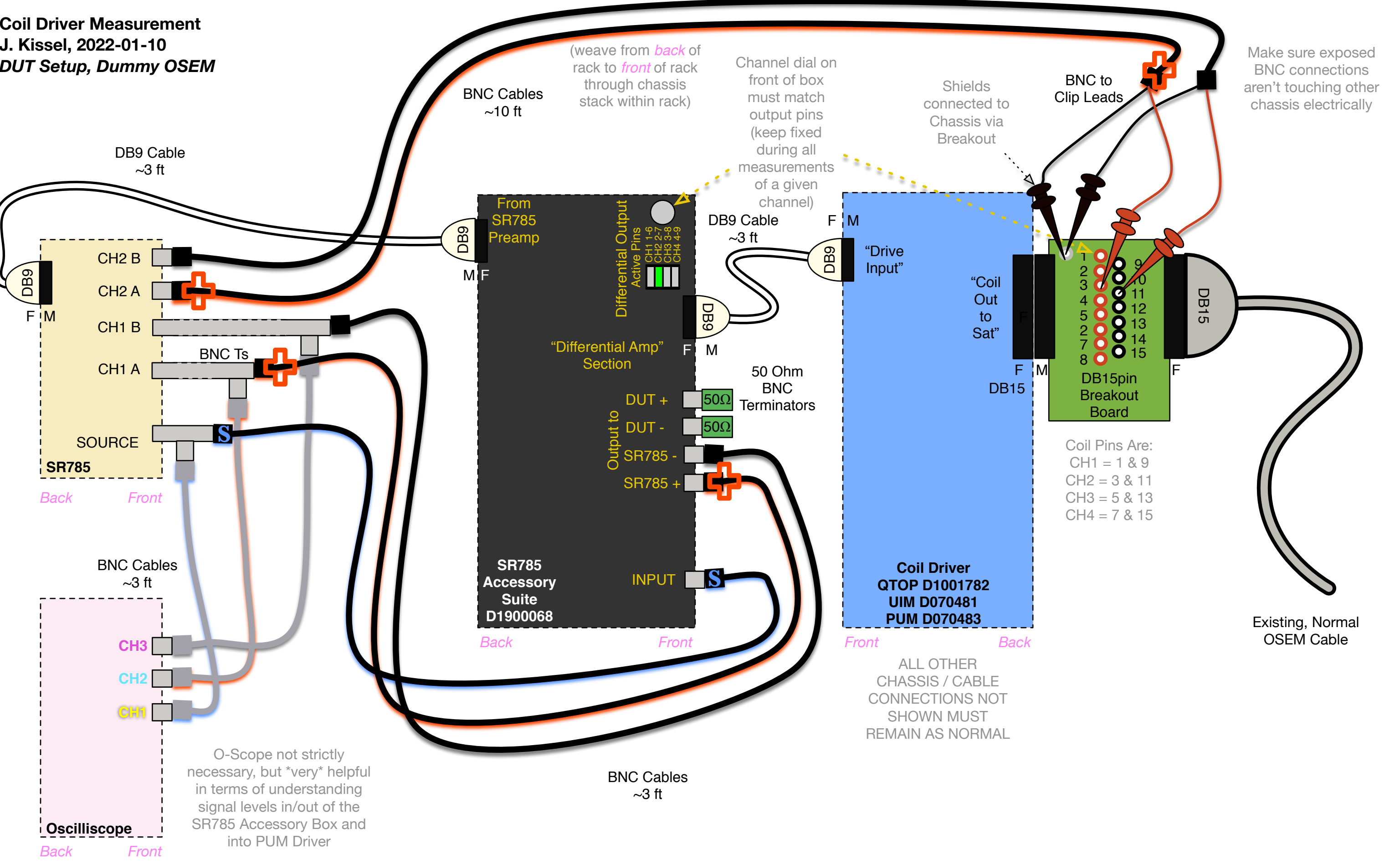


Coil Driver Measurement
J. Kissel, 2022-01-10
DUT Setup, Dummy OSEM



(weave from *back* of rack to *front* of rack through chassis stack within rack)

Channel dial on front of box must match output pins (keep fixed during all measurements of a given channel)

Shields connected to Chassis via Breakout

Make sure exposed BNC connections aren't touching other chassis electrically

Back *Front*

Front *Back*

Back *Front*

O-Scope not strictly necessary, but *very* helpful in terms of understanding signal levels in/out of the SR785 Accessory Box and into PUM Driver

ALL OTHER CHASSIS / CABLE CONNECTIONS NOT SHOWN MUST REMAIN AS NORMAL

Coil Pins Are:
 CH1 = 1 & 9
 CH2 = 3 & 11
 CH3 = 5 & 13
 CH4 = 7 & 15

DB9 Cable ~3 ft

BNC Cables ~10 ft

DB9 Cable ~3 ft

BNC to Clip Leads

SOURCE SR785

From SR785 Preamp
 Differential Output Active Pins
 CH1 1-6
 CH2 2-7
 CH3 3-8
 CH4 4-9
 "Differential Amp" Section
 Output to DUT +
 DUT -
 SR785 -
 SR785 +
 SR785 Accessory Suite D1900068
 INPUT

"Drive Input"

"Coil Out to Sat"

Coil Driver
 QTOP D1001782
 UIM D070481
 PUM D070483

50 Ohm BNC Terminators

Existing, Normal OSEM Cable

BNC Cables ~3 ft