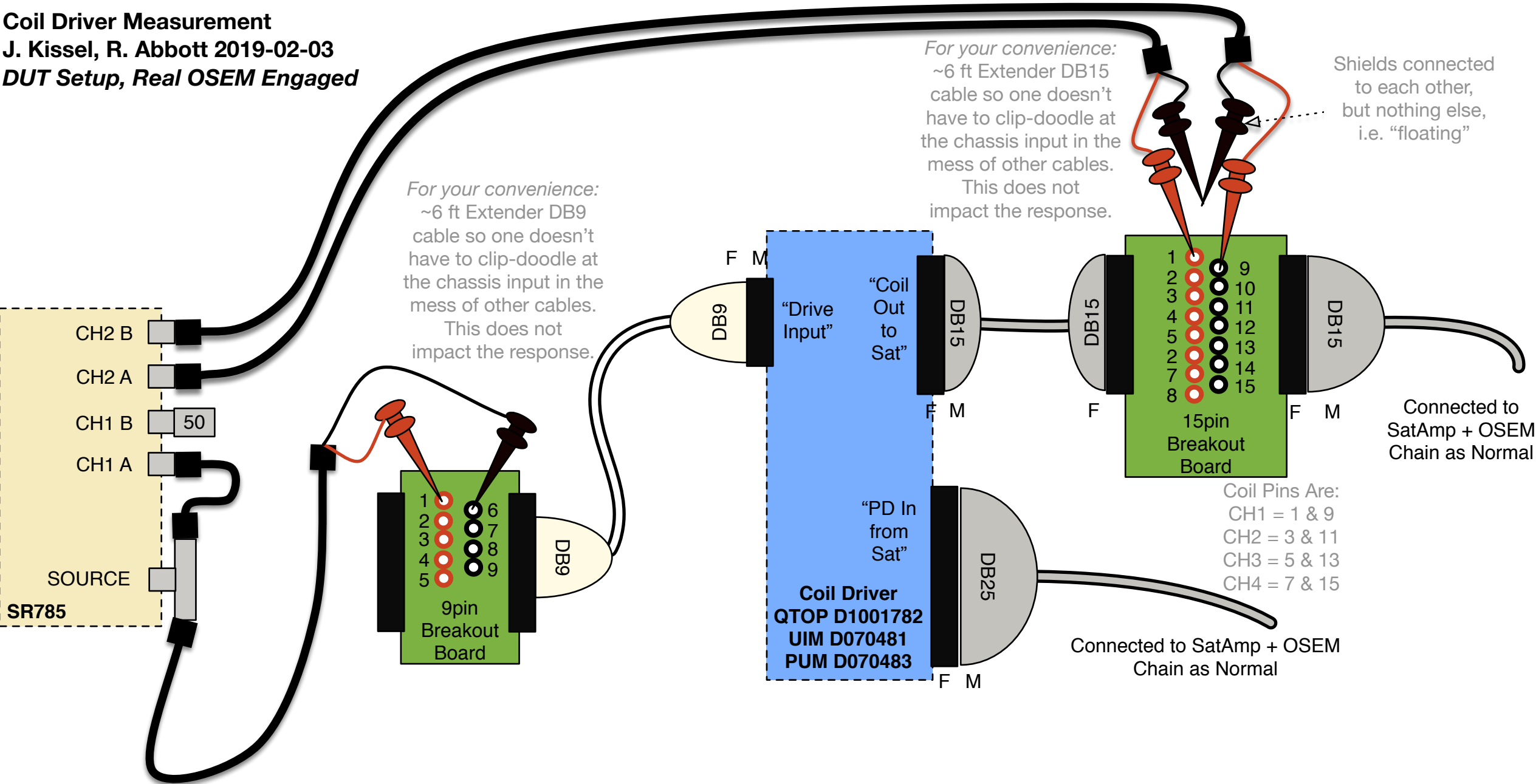


**Coil Driver Measurement**  
**J. Kissel, R. Abbott 2019-02-03**  
**DUT Setup, Real OSEM Engaged**



*For your convenience:*  
 ~6 ft Extender DB9  
 cable so one doesn't  
 have to clip-doodle at  
 the chassis input in the  
 mess of other cables.  
 This does not  
 impact the response.

*For your convenience:*  
 ~6 ft Extender DB15  
 cable so one doesn't  
 have to clip-doodle at  
 the chassis input in the  
 mess of other cables.  
 This does not  
 impact the response.

Shields connected  
 to each other,  
 but nothing else,  
 i.e. "floating"

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

CH2 B  
 CH2 A  
 CH1 B 50  
 CH1 A  
 SOURCE  
 SR785

1 6  
 2 7  
 3 8  
 4 9  
 5  
 9pin  
 Breakout  
 Board

DB9  
 "Drive Input"  
 "Coil Out to Sat"  
 DB15  
 DB15  
 F M  
 F M  
 "PD In from Sat"  
 DB25  
 F M  
**Coil Driver**  
**QTOP D1001782**  
**UIM D070481**  
**PUM D070483**

1 9  
 2 10  
 3 11  
 4 12  
 5 13  
 6 14  
 7 15  
 8  
 15pin  
 Breakout  
 Board

Connected to  
 SatAmp + OSEM  
 Chain as Normal

Connected to SatAmp + OSEM  
 Chain as Normal