



## TRANSMITTER VSWR ALIGNMENT NOTES

EHB 6-511 Revision 8, 25 June 2020

### 5.5.13 TRANSMITTER VSWR ALIGNMENT

Attenuators, Power Sensor, and adapters required for this alignment:



Attenuator, fixed, medium-power, 6 dB (Weinschel 23-6-34 or equivalent),  
Attenuator, fixed, low-power, 10 dB (HP8491A or equivalent),  
Power Sensor HP8481A or equivalent,  
(F) N-Type to (M) SMA adapter,  
SMA 90° adapter

**Para 5.5.13.2.1 (step 1)**

Loss from Bidirectional Coupler 1DC1 is found here:



Loss from Transmitter Coupler 3DC1 is found here:



**5.5.13.2.1 (step 3)**

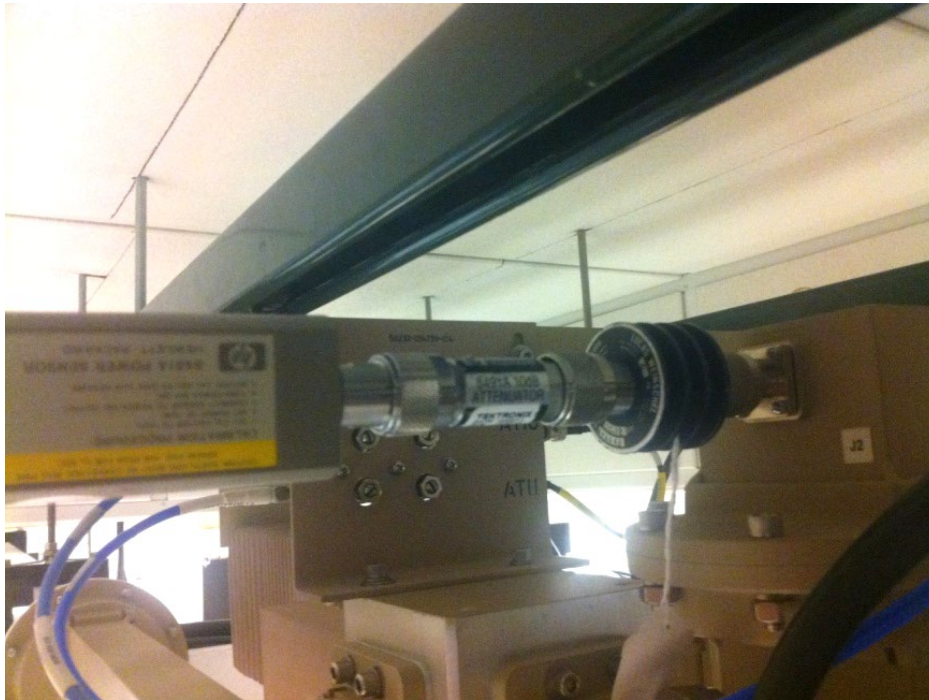
Test equipment connection to 1DC1J1:



Note that 1AT4 is removed along with Cable W61

**5.5.13.2.1 (step 8)**

Test equipment connection to 1DC1J2:



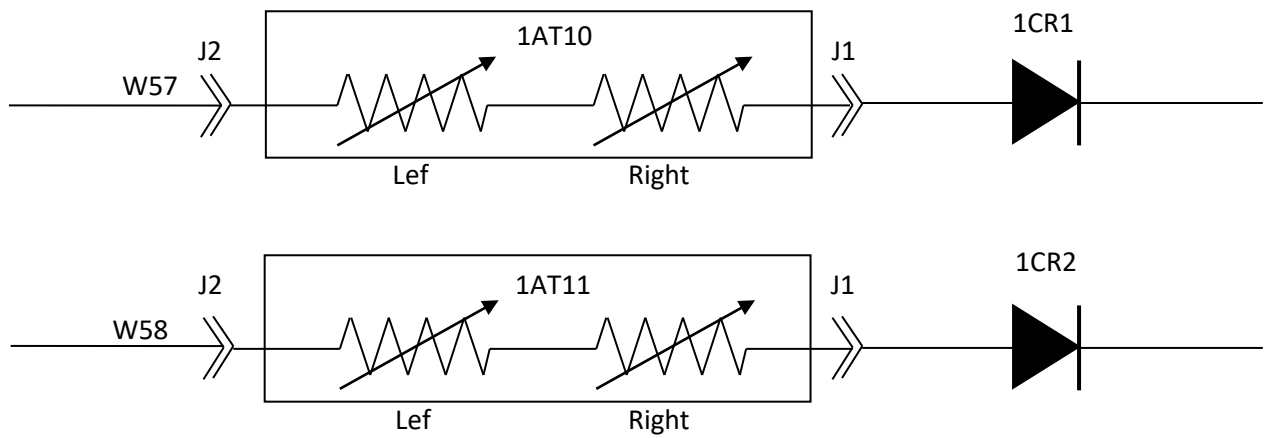
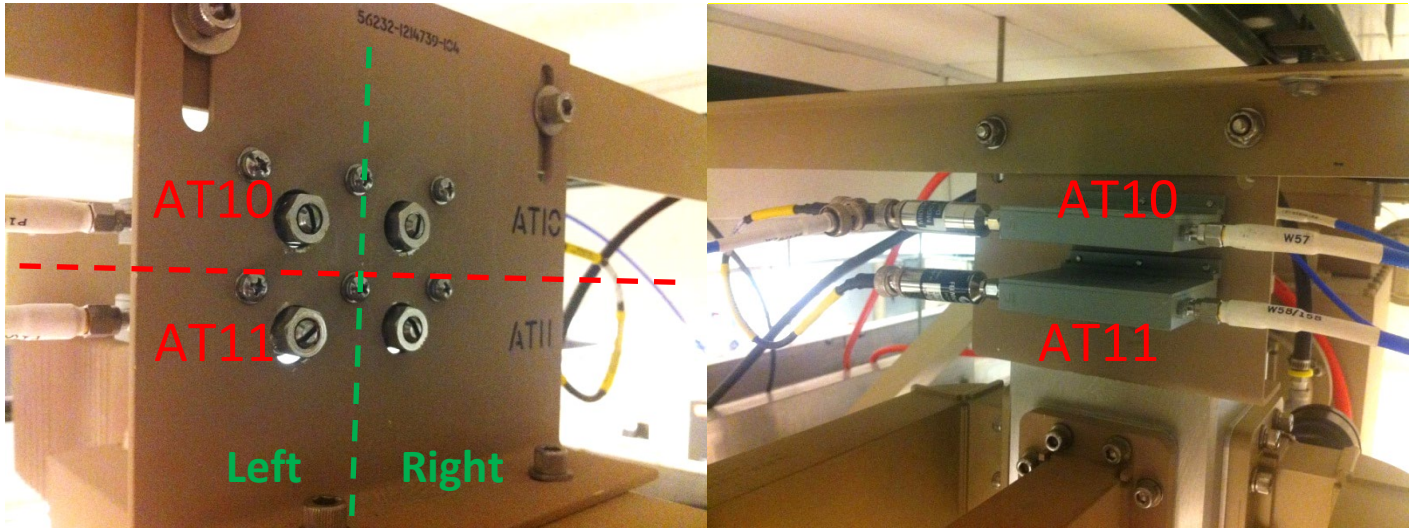
**5.5.13.2.1 (step 15)**

Test equipment connection to 3DC1:  
(for sites without filter 1FL6)

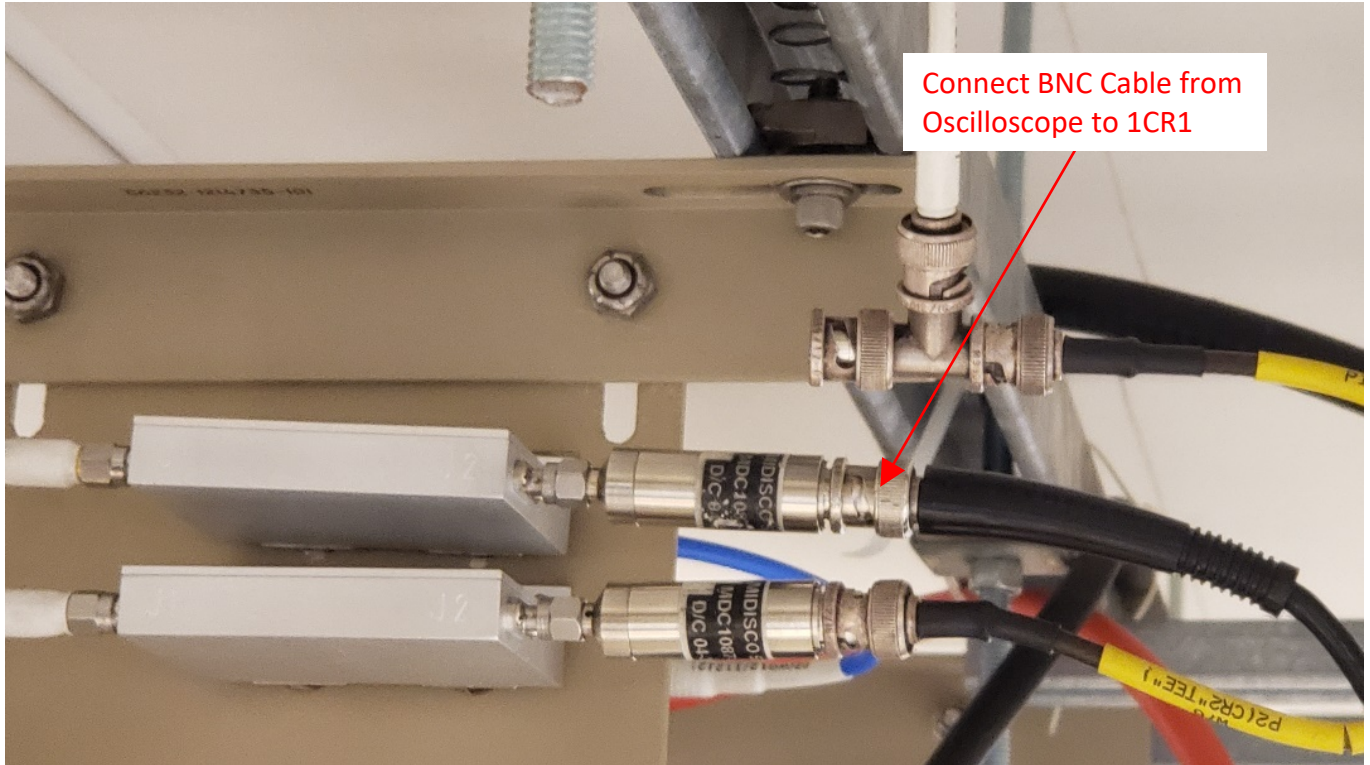


### Para 5.5.13.3 VSWR Alarm – Narrow Pulse Adjustment

AT10 and AT11 Notes:



**Para 5.5.13.3 Step 2.**



**Para 5.5.13.3 Step 15.**

