

**Advanced Imaging Guide – Philips MRI**  
8/28/2017 EP

1. To keep same transmitter and receiver gains:
  - a. For first image, In PostProc tab, set 'Preparation Phases' parameter to 'Full'
  - b. For remaining images, In PostProc tab, set 'Preparation Phases' parameter to 'Auto'
  
2. Save individual coil images:
  - a. In PostProc tab, set 'Save Raw Data' parameter to 'Yes'
  - b. Run sequence
  - c. Right-click on sequence and select Reconstruction → Delayed Reconstruction
  - d. Activate Delayed Reconstruction sequence and specify coil element to reconstruct under "Autoview image" → "Coil Elements Selection." Add additional delayed reconstructions for more elements if desired, specifying the elements to reconstruct.
  - e. Right-click on Delayed Reconstruction and select 'Start'
  - f. Optional: Save as protocol
  
3. Set transmitter voltage to zero:
  - a. Login as gyrotest or service mode
  - b. Setup sequence with 2 reps (dynamics)
  - c. Right-click on sequence in queue, select Edit Scan Control Parameters
  - d. On Scan tab, set scan control parameter "Dyn Noise Scan" = "No RF".
  - e. Click Apply
  - f. Optional: Click Save button and save scan control parameters for later use.
  - g. Click Accept to save sequence changes
  - h. Run sequence. The second dynamic in the series will have zero B1 amplitude.
  
4. Shim Modes:
  - a. Default: Loads default shim currents; does not perform gradient shim unless fat suppression or bSSFP/TFE sequences. In those Auto is used.
  
5. Remote access using VNC:
  - a. On the MR console, choose Start -> All Programs -> MR User -> Enable Remote Desktop.
  - b. A window with the title "Enable Remote Desktop Session" appears.
  - c. Confirm remote access by clicking "I Agree" in this window.
  - d. A new window with the title "Enable Remote Desktop Session" appears.
  - e. Choose "Single Windows Session" and click "OK" in this window.
  - f. There is no password required.