```matlab
157
158    %Make a pulse sequence identifier for the header (out.seq);
159    seq=sequence;
160
161    %Find the magnetic field strength:
162    Bo=twix_obj.hdr.Dicom.flMagneticFieldStrength;
163
164    %Find the number of averages:
165    Naverages=twix_obj.hdr.Meas.Averages;
166
167    %Find out if multiple coil elements were used:
168    Ncoils=twix_obj.hdr.Meas.iMaxNoOfRxChannels;
169
```