**SLR PULSE GENERATION**

**MatPulse file parameters (globals)**

Minimum dwell and dwell increment

(Maximum B1?)

**Master Parameters (globals)**

Menu and figure positions and ofsets

Calculation resolution

Bandwidth convention

Zero Padding

Pulse interpolation

Filter function

(Data storage?)

**SLR Pulse Generation**

Input Parameters

Single band / Dual band

Refocused, max phase, min phase

Tip category (shallow, 90, 180) ((Need this to set output colors (flags)))

Tip Angle

Steps

User defined steps

Length ms (T)

Width (kHz)

Write time\*bandwidth

Passband and rejection band ripples

Write transition band

**Outputs**

(Pulse Type)

Excite, Invert, Spin echo

Pulse plot

Pulse save

Pulse profile(s) to plot

Magnitude

Expanded frequency range of magnitude

Real and Imaginary components

Semilog plots (Advanced user option)

**Naming Convention:**

mpl … MatPulse local

mpg… MatPuse global