RF Commissioning

- EPICS Screens
- **GUI Procedure**
 - o Piezo Pre-RF Check
 - SSA Characterization
 - Cavity Tuning
 - o 8/9 and 7/9
 - Cavity CharacterizationPiezo With RF

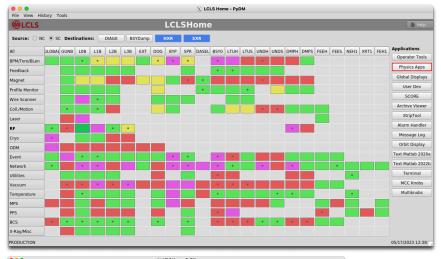
 - Ramp Up in SELAP

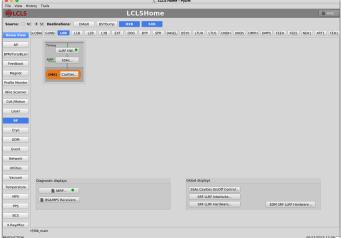


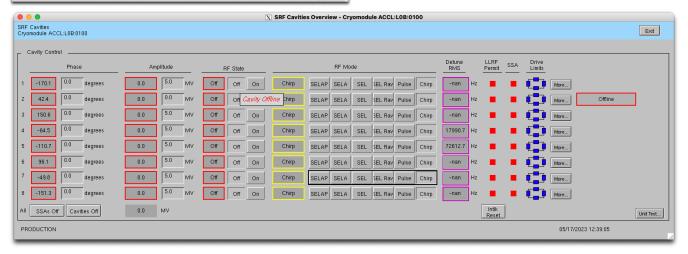
Source code can be found here and can be run locally using Local PyDM/Simulacrum Setup

EPICS Screens

All screens for any given cavity can be gotten from either lcls-home (using SC gun) or SRF Home > RF > Cavities > More







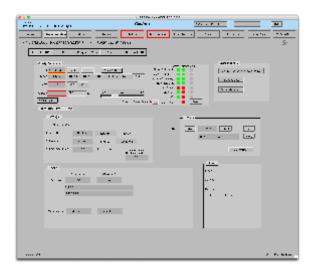
GUI Procedure

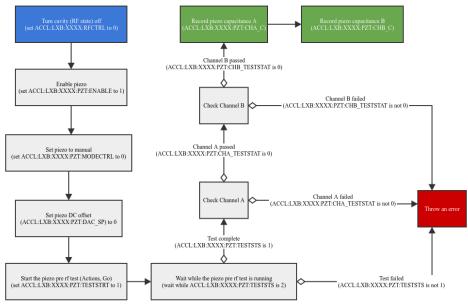
①

Blue is start, red is error, green is end, yellow is special case.

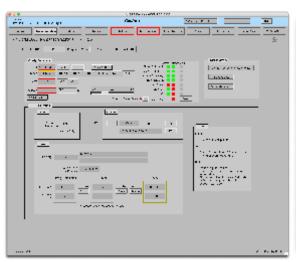
Arrow with a diamond means conditional.

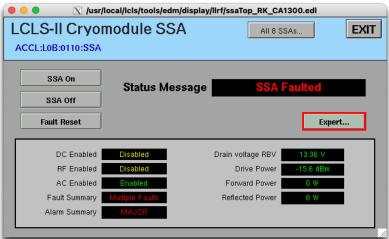
Piezo Pre-RF Check

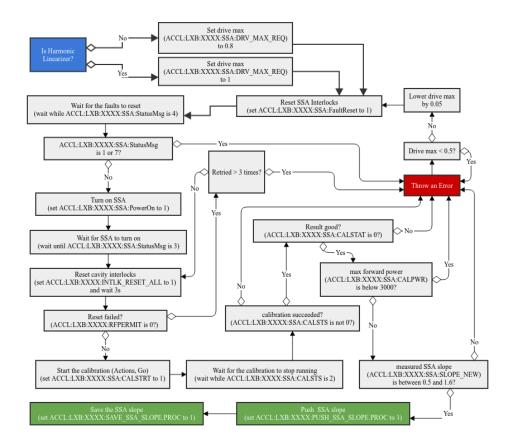




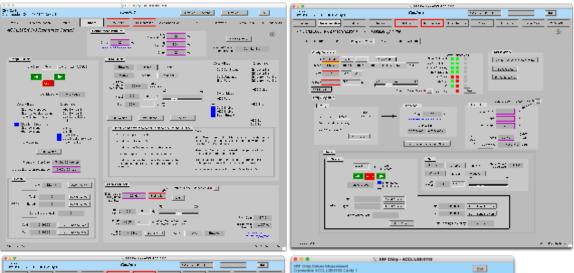
SSA Characterization

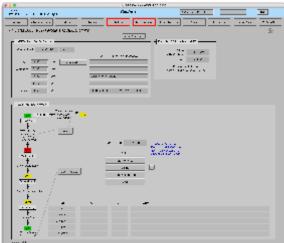






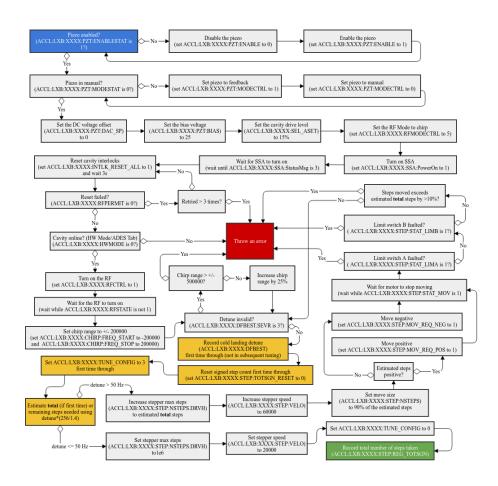
Cavity Tuning



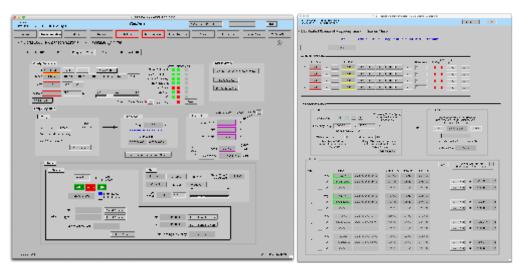


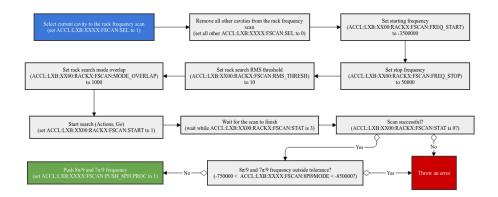




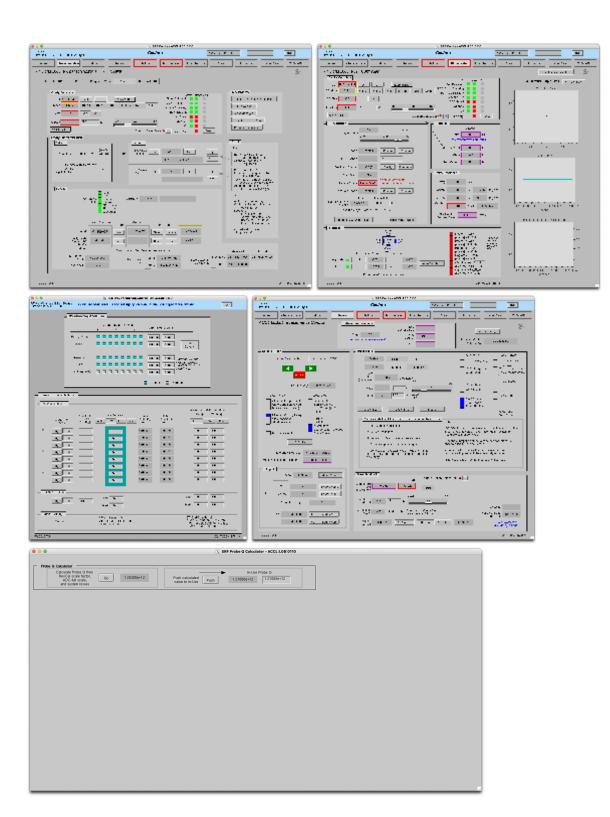


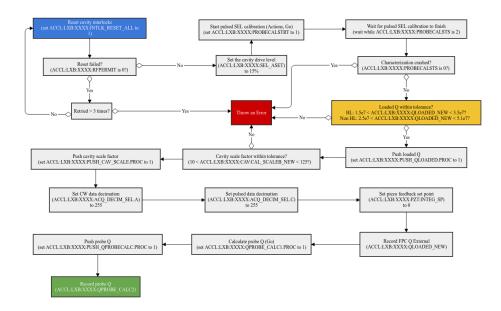
8/9 and 7/9



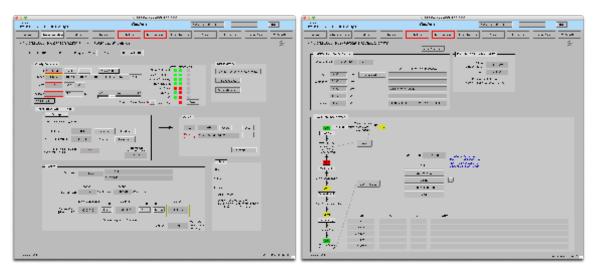


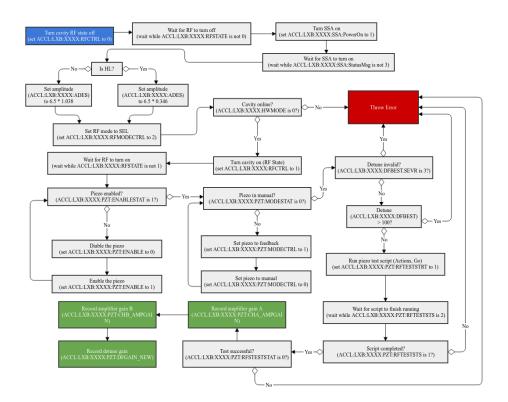
Cavity Characterization





Piezo With RF





Ramp Up in SELAP



