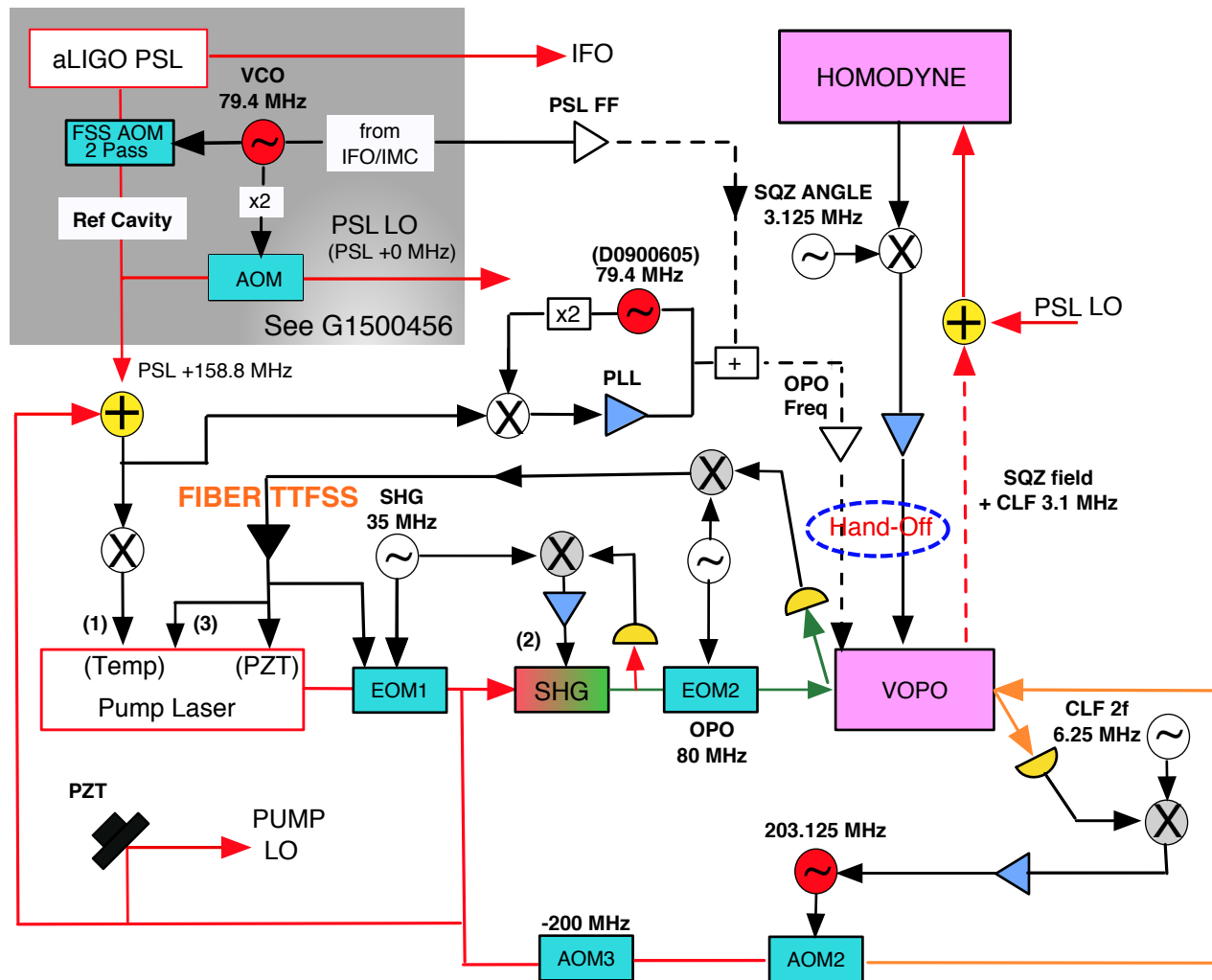


SQZ control scheme topology - H1 Edition

E1800104-vx



- (1) Set pump crystal temp to nominal frequency to be in range of beatnote eg 50 MHz
- (2) Servo pump laser temperature to beatnote
- (3) Lock SHG to pump
- (4) Hand off temp control to TTFSS adjust pump PZT offset to zero.
- (5) Fine tune VOPO pzt; to zero beatnote.
- (6) Lock VOPO to PSL with PLL
- (7) Tune LO to follow PSL
- (8) Lock Homodyne to VOPO with CMB?
- (9) Hand off homodyne to OPO frequency?