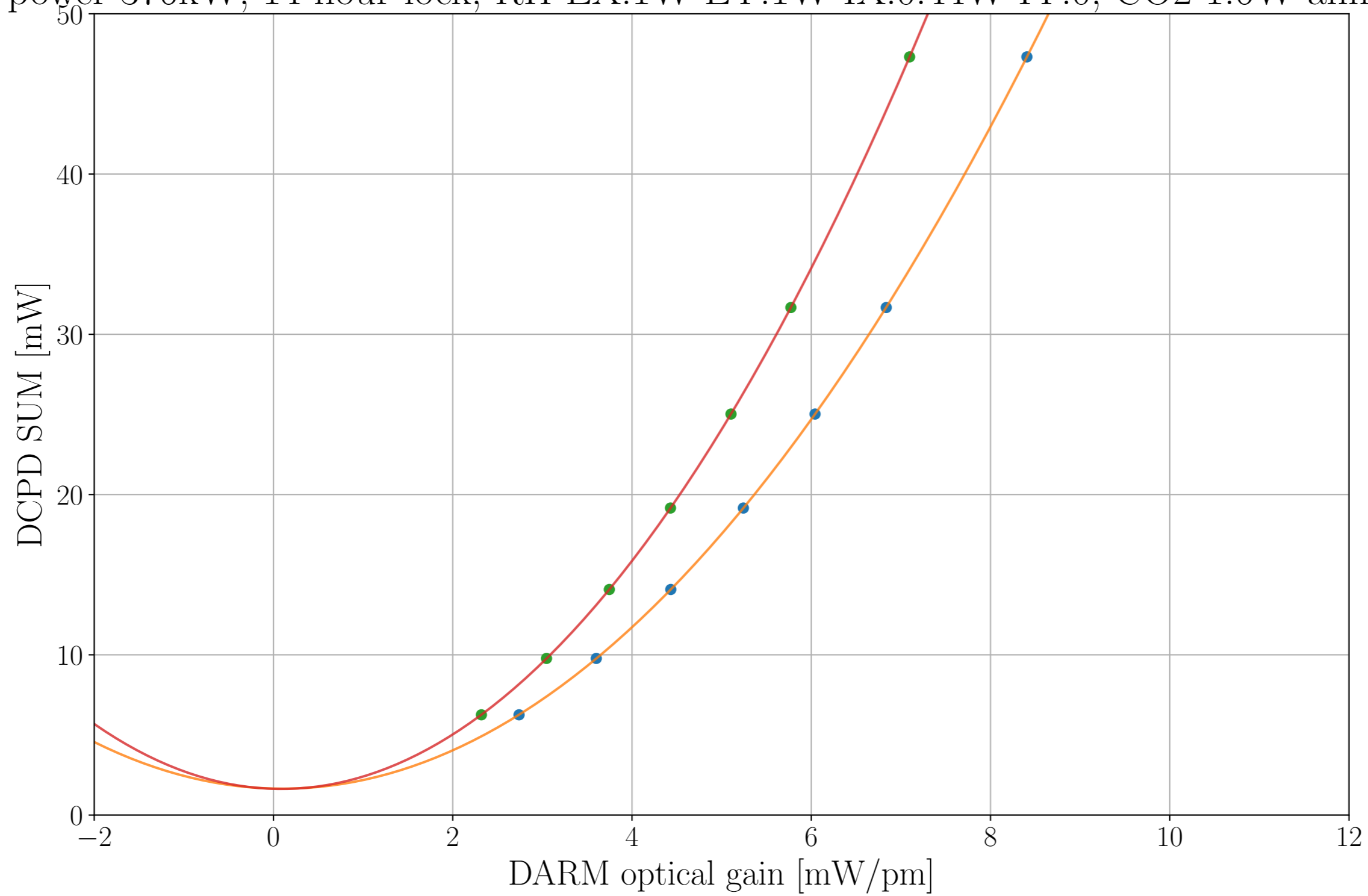


Optical gain vs DCPD power 376kW, 14 hour lock, RH EX:1W EY:1W IX:0.44W IY:0, CO2 1.6W annular both ITMs, OM2:4.6V



● Data at 255.0 Hz  
General quadratic  $b(x - x_0)^2 + c$   
Scaler  $b$  [ $\text{pm}^2/\text{mW}$ ] =  $0.661 \pm 0.001$   
Centroid  $x_0$  [ $\text{pm}$ ] =  $0.098 \pm 0.010$   
Contrast Defect  $c$  [ $\text{mW}$ ] =  $1.647 \pm 0.034$

● Data at 410.3 Hz  
General quadratic  $b(x - x_0)^2 + c$   
Scaler  $b$  [ $\text{pm}^2/\text{mW}$ ] =  $0.930 \pm 0.001$   
Centroid  $x_0$  [ $\text{pm}$ ] =  $0.088 \pm 0.006$   
Contrast Defect  $c$  [ $\text{mW}$ ] =  $1.631 \pm 0.022$