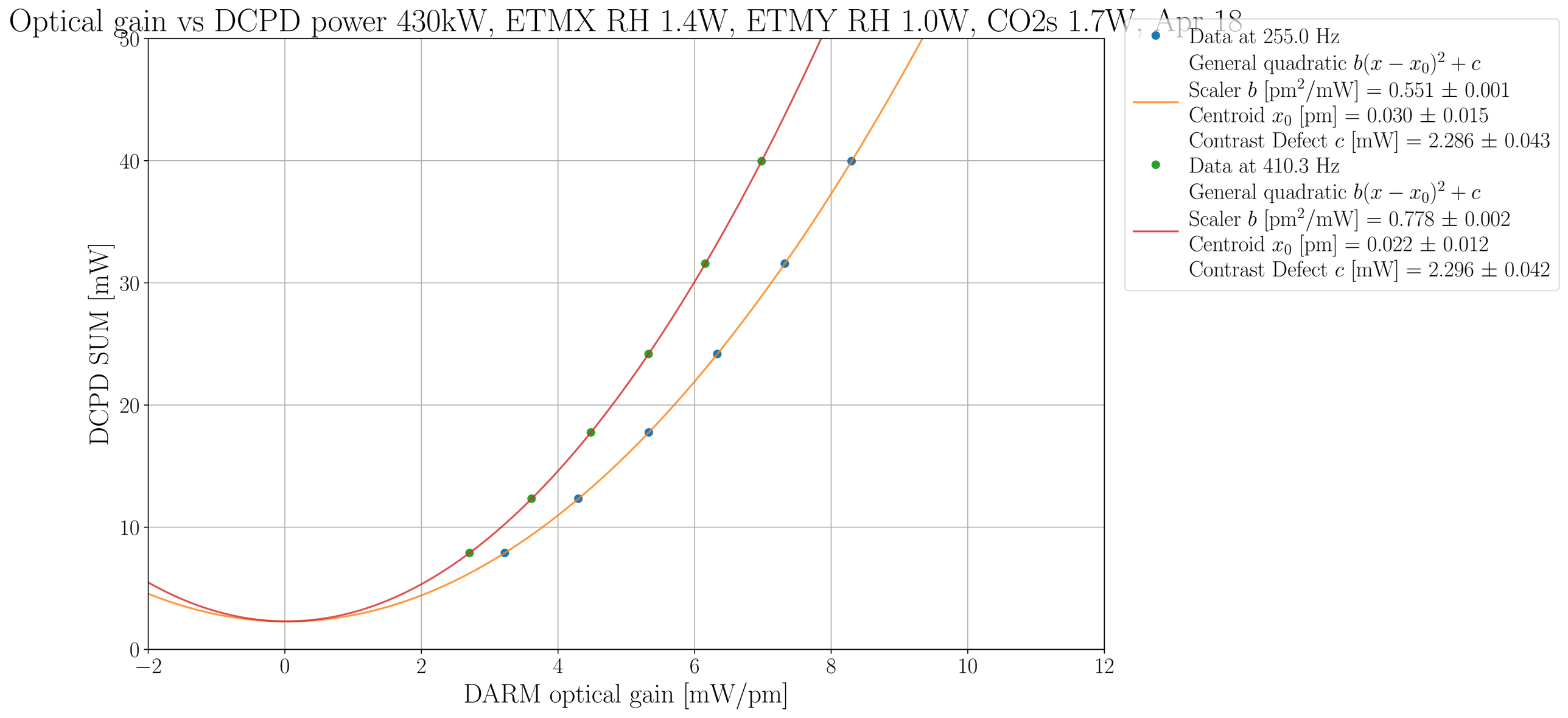
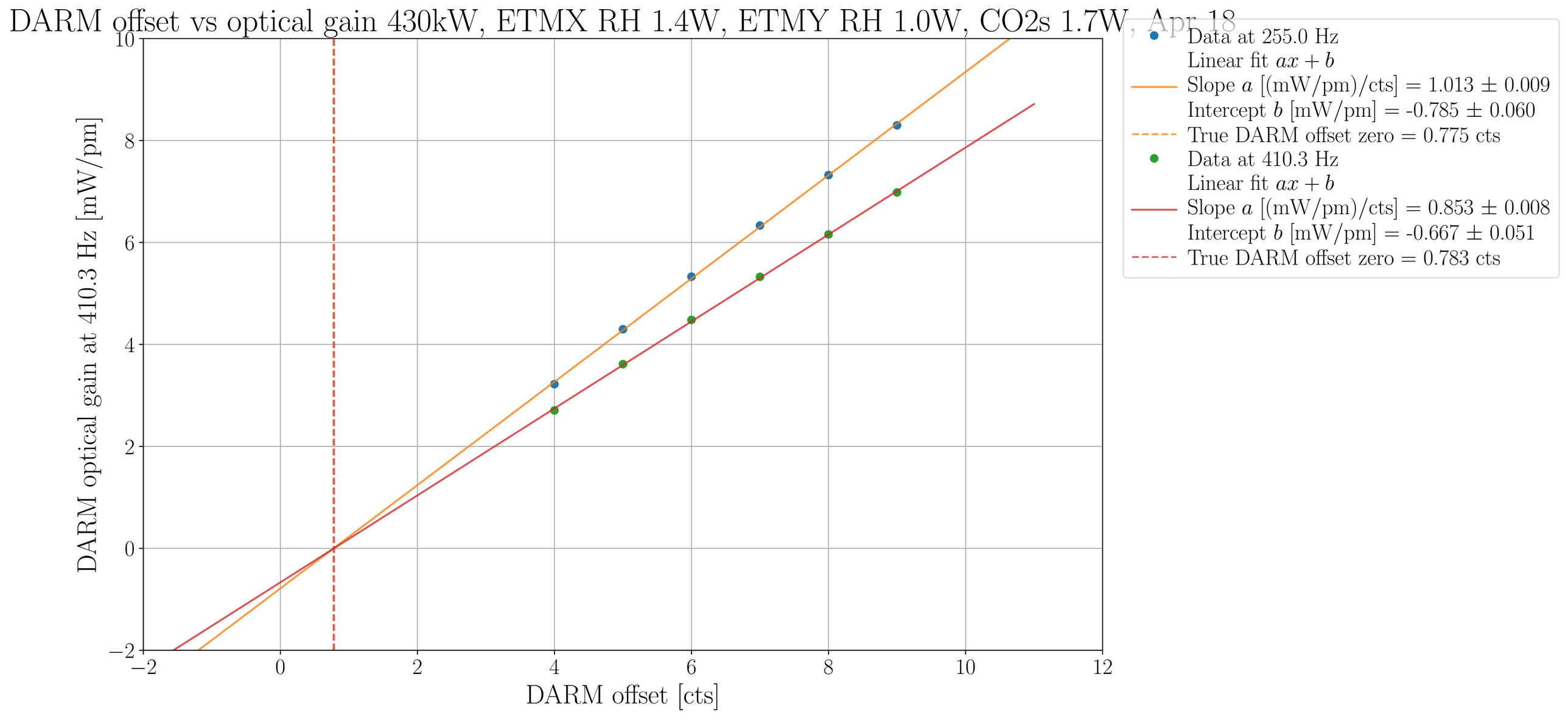

Optical gain vs DCPD power 430kW, ETMX RH 1.4W, ETMY RH 1.0W, CO2s 1.7W, Apr 18
DCPD SUM [mW]
DARM optical gain [mW/pm]
0
10
20
30
40
50
−2
0
2
4
6
8
10
12
Data at 255.0 Hz
General quadratic $b(x-x_0)^2+c$
Scaler b [pm^2/mW] = 0.551 ± 0.001
Centroid x_0 [pm] = 0.030 ± 0.015
Contrast Defect c [mW] = 2.286 ± 0.043
Data at 410.3 Hz
General quadratic $b(x-x_0)^2+c$
Scaler b [pm^2/mW] = 0.778 ± 0.002
Centroid x_0 [pm] = 0.022 ± 0.012
Contrast Defect c [mW] = 2.296 ± 0.042


DARM offset vs optical gain 430kW, ETMX RH 1.4W, ETMY RH 1.0W, CO2s 1.7W, Apr 18
DARM optical gain at 410.3 Hz [mW/pm]
DARM offset [cts]
Data at 255.0 Hz
Linear fit $ax + b$
Slope a [(mW/pm)/cts] = 1.013 ± 0.009
Intercept b [mW/pm] = -0.785 ± 0.060
True DARM offset zero = 0.775 cts
Data at 410.3 Hz
Linear fit $ax + b$
Slope a [(mW/pm)/cts] = 0.853 ± 0.008
Intercept b [mW/pm] = -0.667 ± 0.051
True DARM offset zero = 0.783 cts