(a) OCO-3 SAM optimization distance

Frequency

Optimization distance [km]

(b) OCO-3 optimization distance

Cumulative Frequency

Optimization distance [km]

vEarly
Orbit range 01460-07133
N swaths = 372
mean dx = 1.53 km
median dx = 1.44 km
max dx = 6.8 km

v10
Orbit range 01460-07133
N swaths = 372
mean dx = 0.65 km
median dx = 0.45 km
max dx = 6.3 km

vEarly
Frac N > 1.25 km = 64.0%
Frac N > 2.50 km = 7.3%
Frac N > 5.00 km = 0.3%

v10
Frac N > 1.25 km = 14.8%
Frac N > 2.50 km = 0.8%
Frac N > 5.00 km = 0.3%