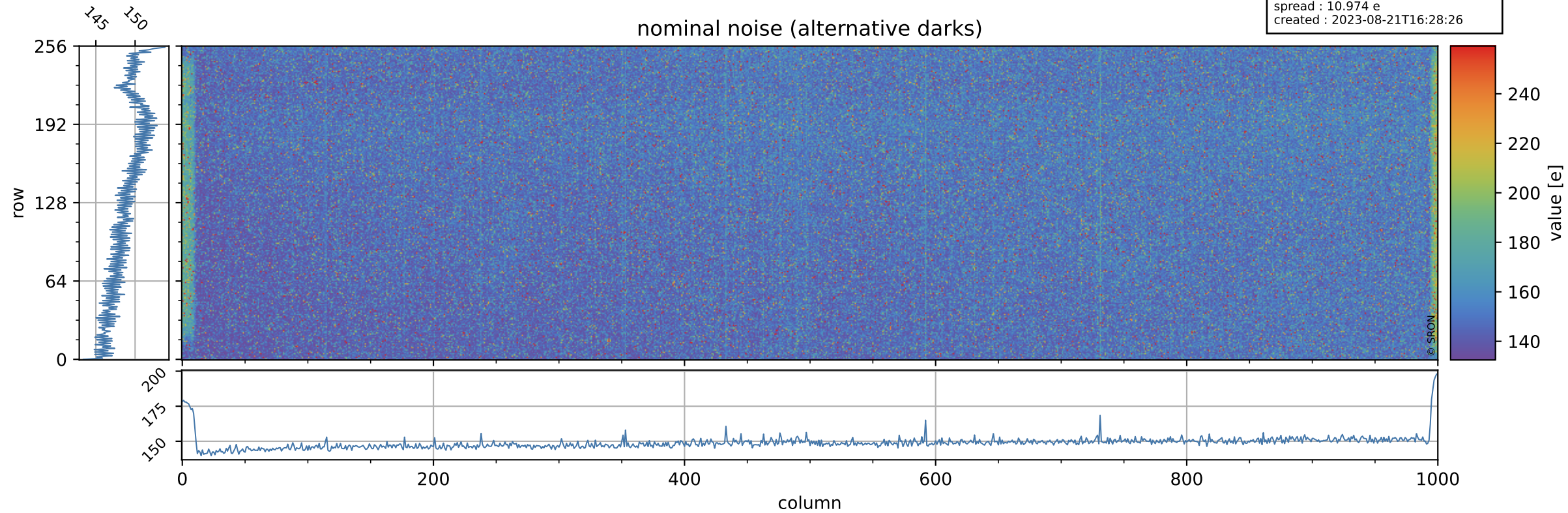


Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.974 e
created : 2023-08-21T16:28:26

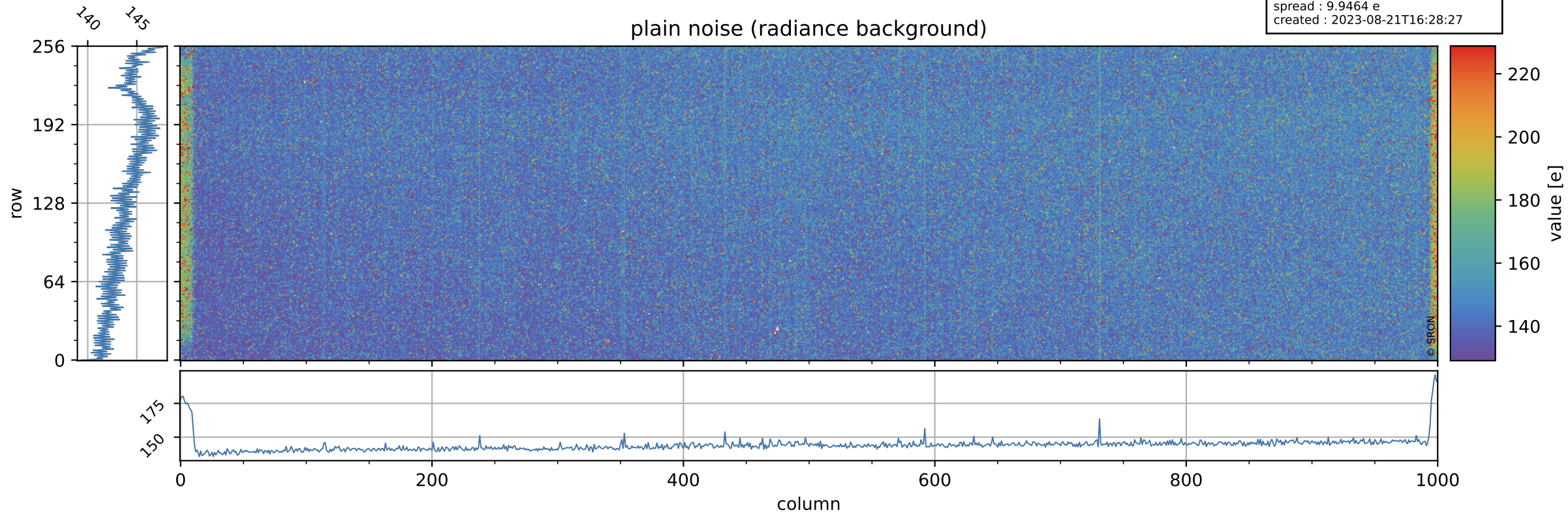
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9464 e
created : 2023-08-21T16:28:27

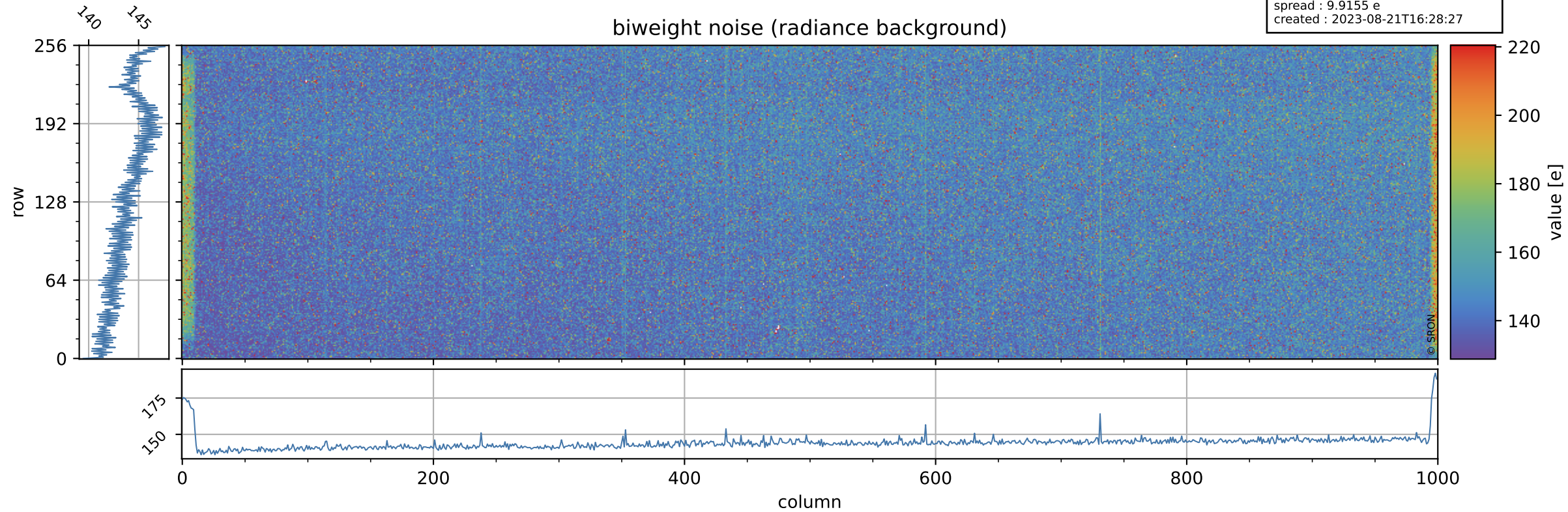
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9155 e
created : 2023-08-21T16:28:27

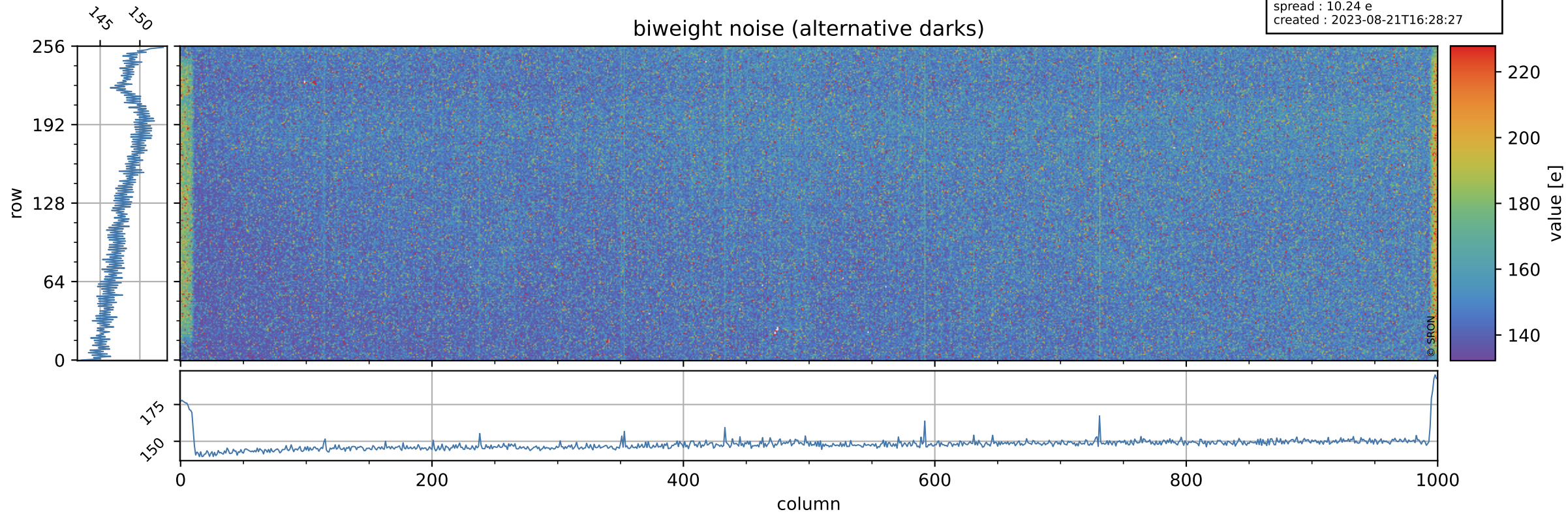
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.24 e
created : 2023-08-21T16:28:27

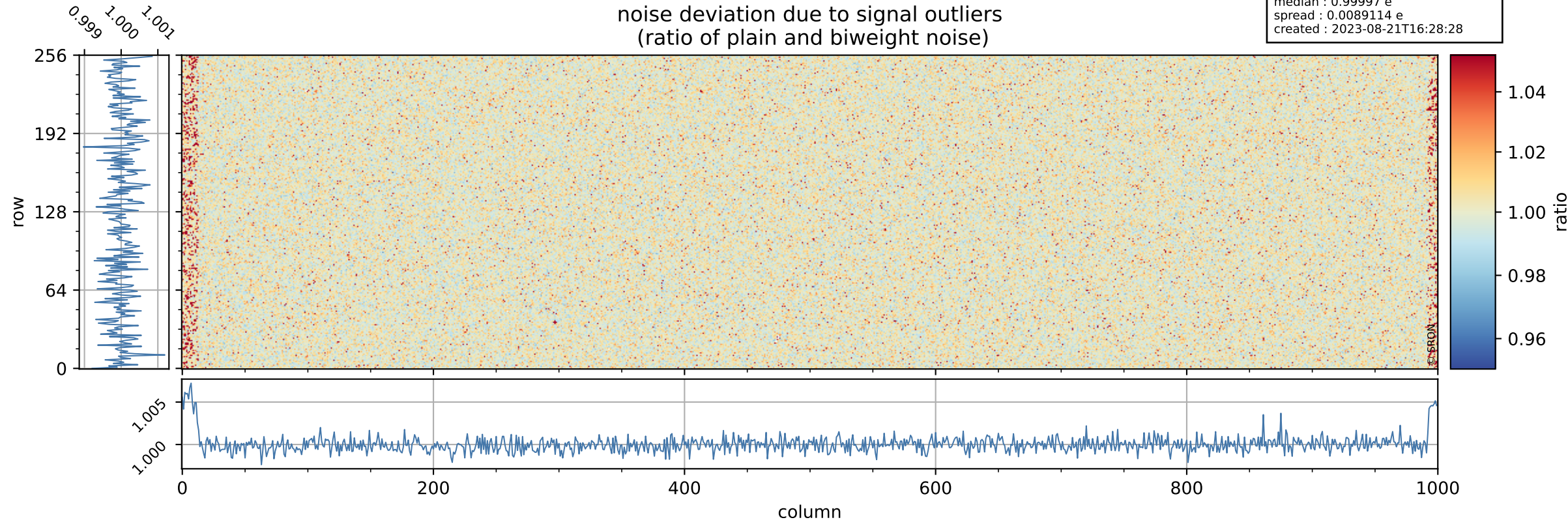
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

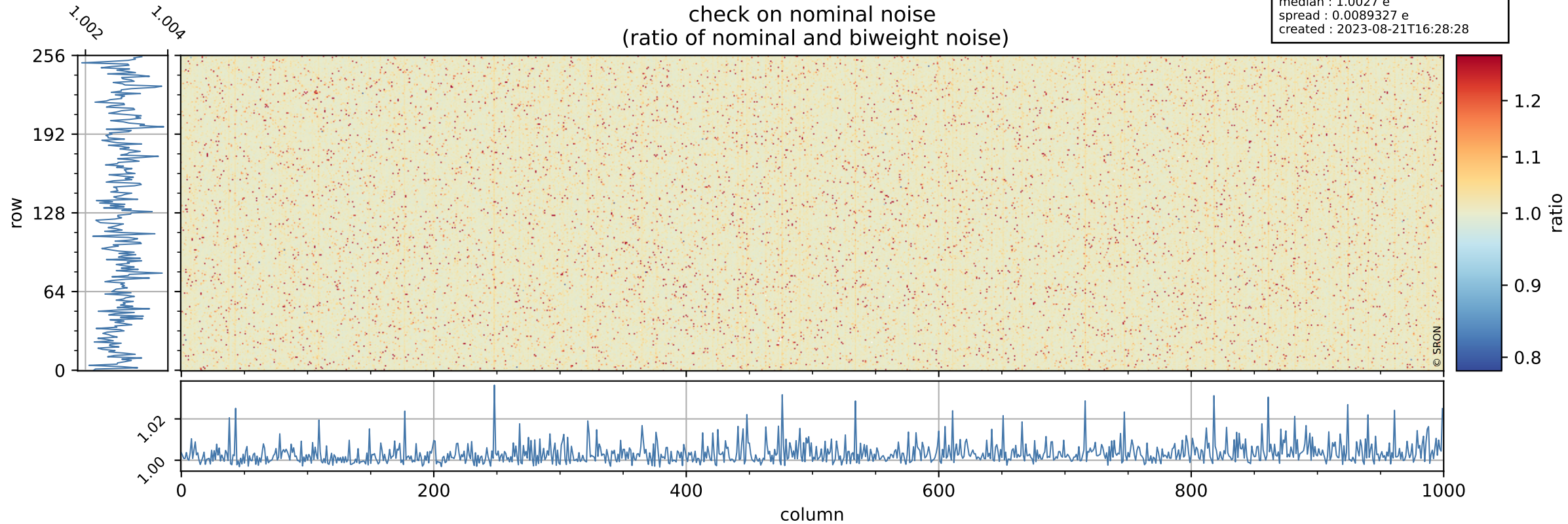
orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
median : 0.99997 e
spread : 0.0089114 e
created : 2023-08-21T16:28:28



Tropomi SWIR background noise (swir)

check on nominal noise
(ratio of nominal and biweight noise)

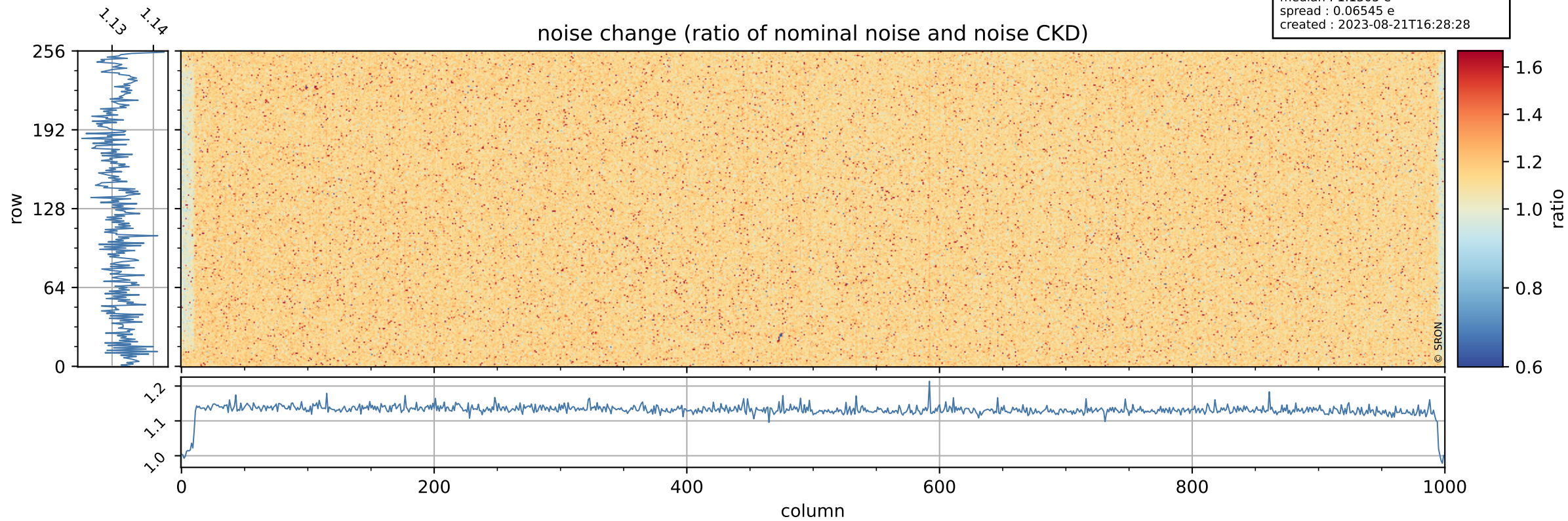
orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
median : 1.0027 e
spread : 0.0089327 e
created : 2023-08-21T16:28:28



Tropomi SWIR background noise (swir)

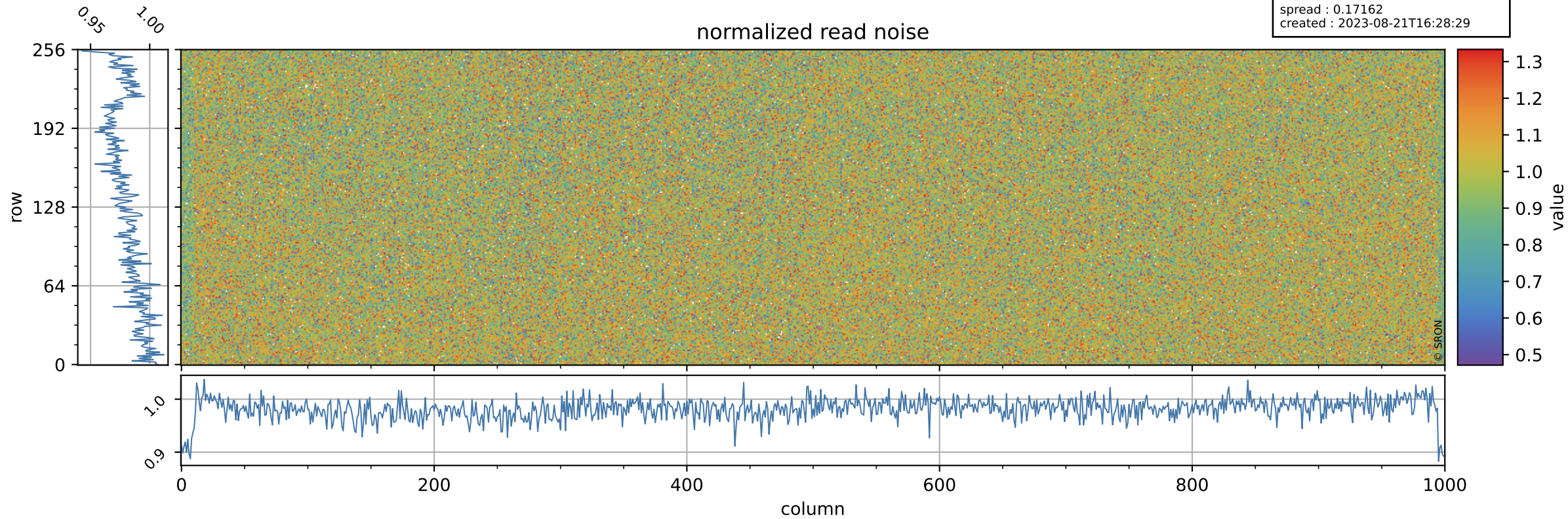
orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
median : 1.1305 e
spread : 0.06545 e
created : 2023-08-21T16:28:28

noise change (ratio of nominal noise and noise CKD)



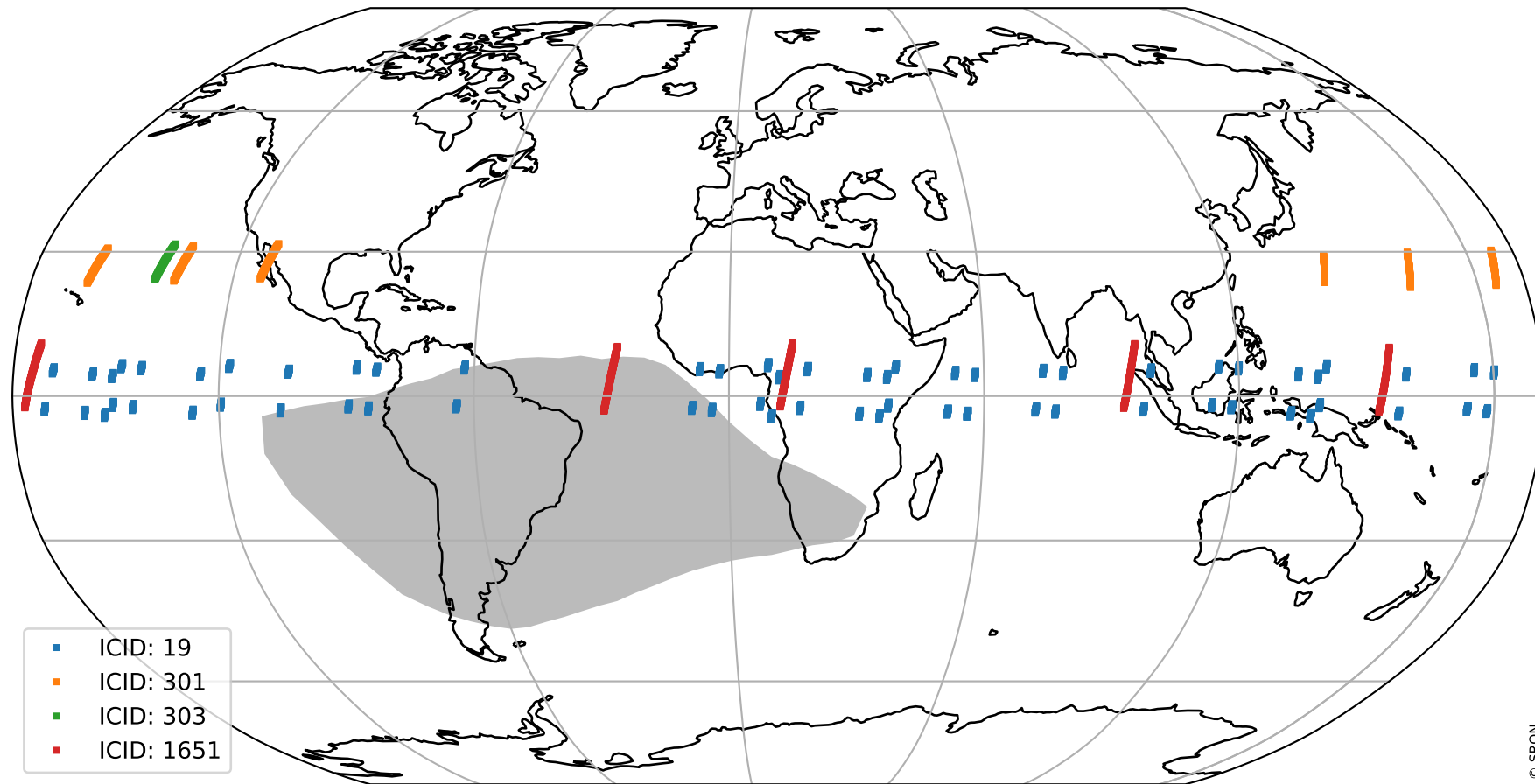
Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
median : 0.98019
spread : 0.17162
created : 2023-08-21T16:28:29



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

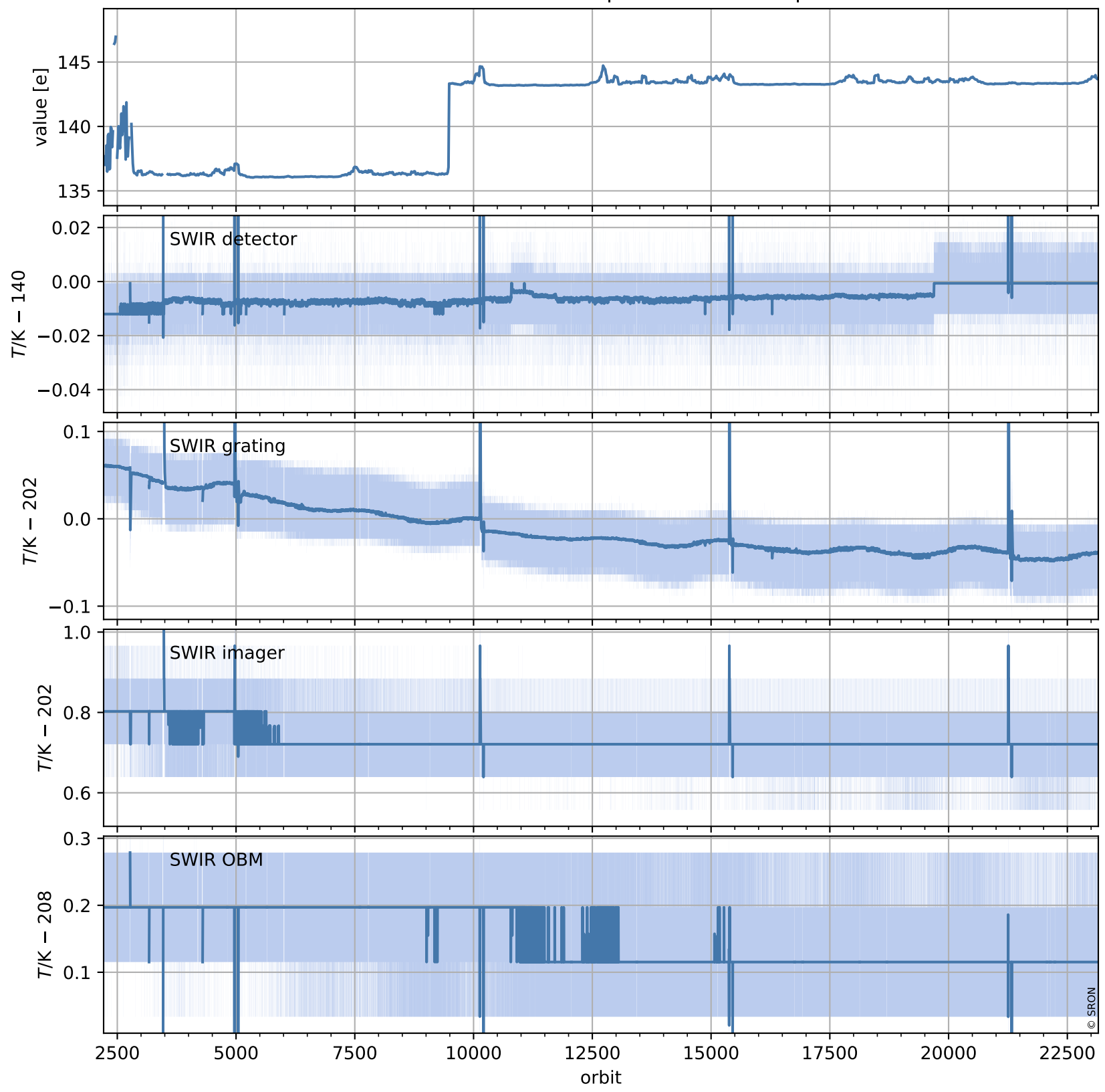
orbits : 12 in [23077, 23152]
coverage : 2022-03-27 / 2022-04-01
created : 2023-08-21T16:28:29



Tropomi SWIR background noise (swir)

orbits : [2212, 23152]
coverage : 2018-03-18 / 2022-04-01
created : 2023-08-21T16:28:29

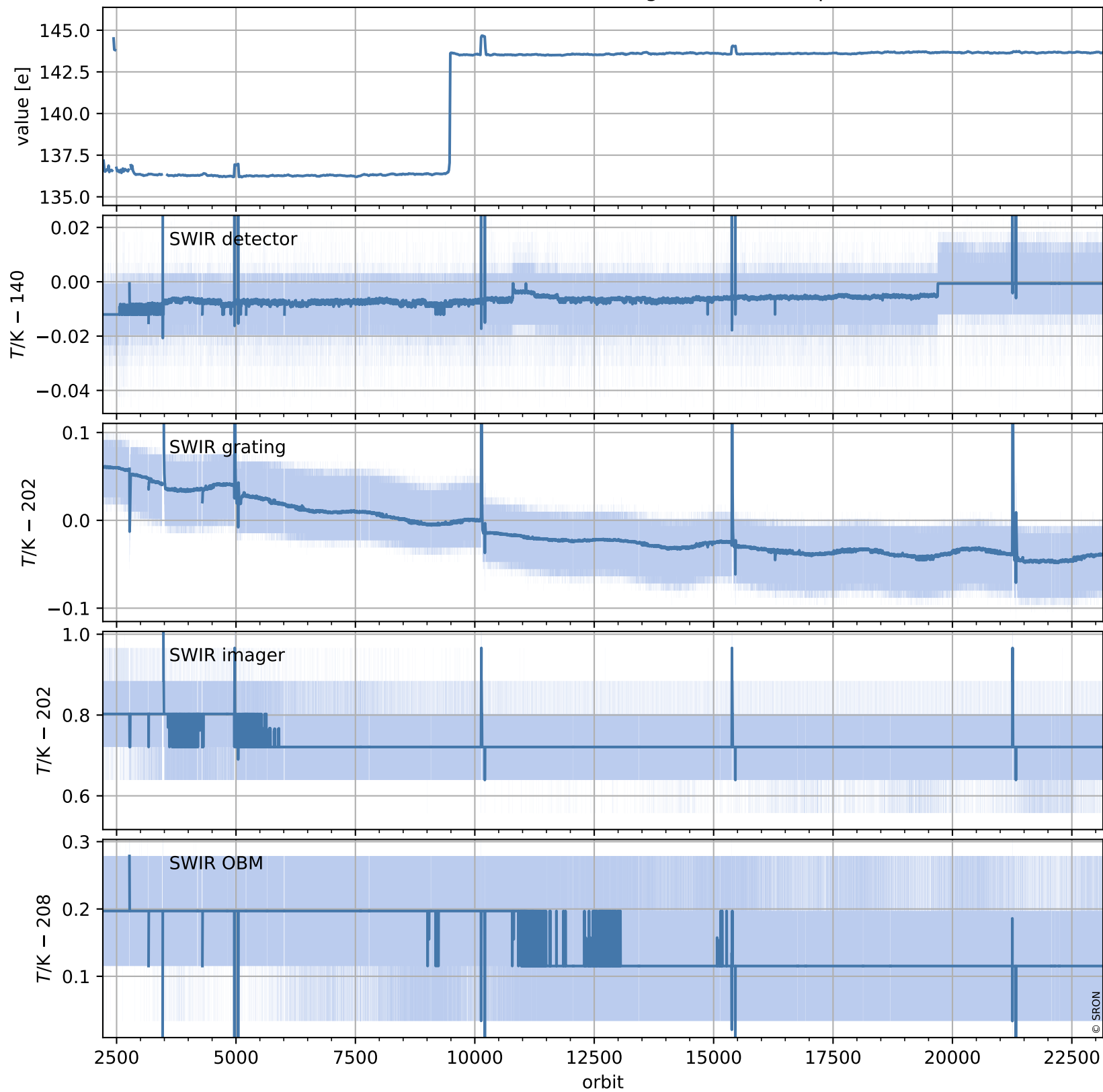
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23152]
coverage : 2018-03-18 / 2022-04-01
created : 2023-08-21T16:28:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23152]
coverage : 2018-03-18 / 2022-04-01
created : 2023-08-21T16:28:31

trend of normalized read-noise & temperatures

