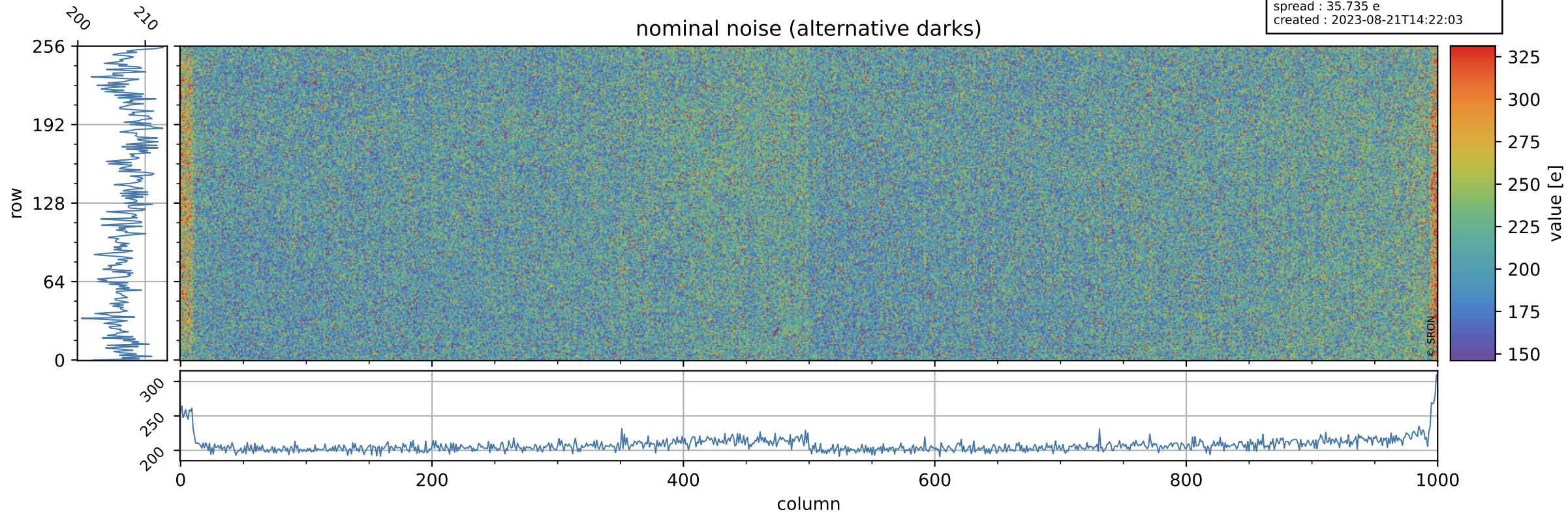


Tropomi SWIR background noise (swir)

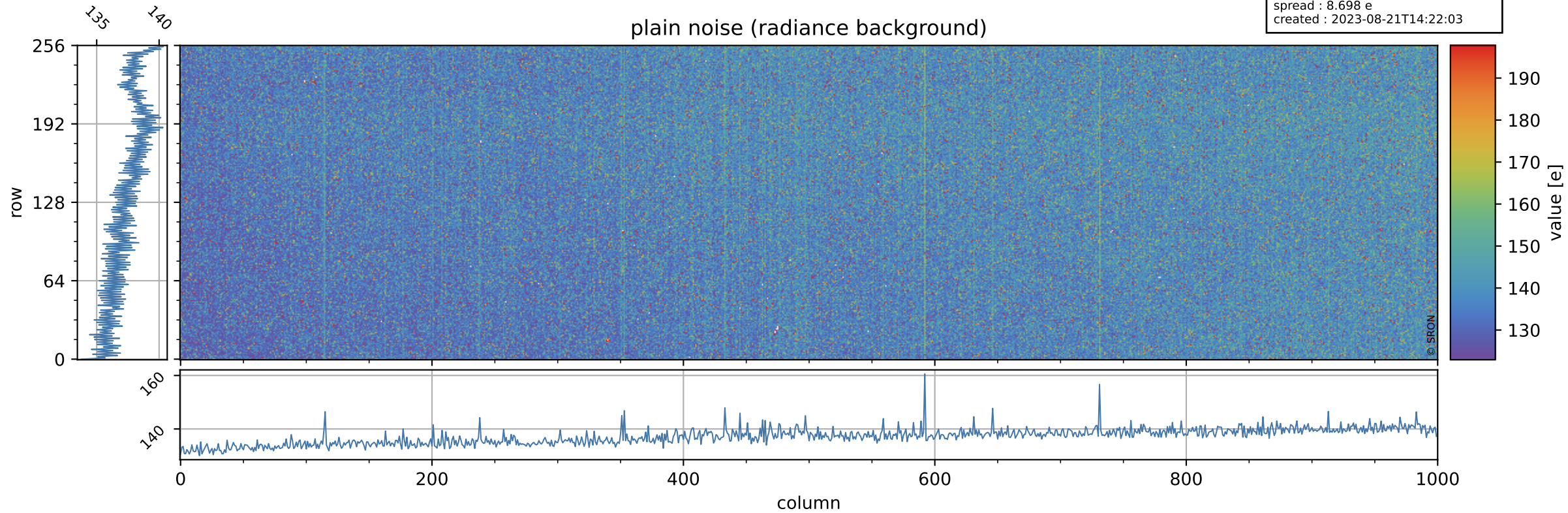
orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
n_coad, t_exp : 1, 1.0783
median : 206.02 e
spread : 35.735 e
created : 2023-08-21T14:22:03



Tropomi SWIR background noise (swir)

orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
n_coad, t_exp : 2, 0.5383
median : 137.29 e
spread : 8.698 e
created : 2023-08-21T14:22:03

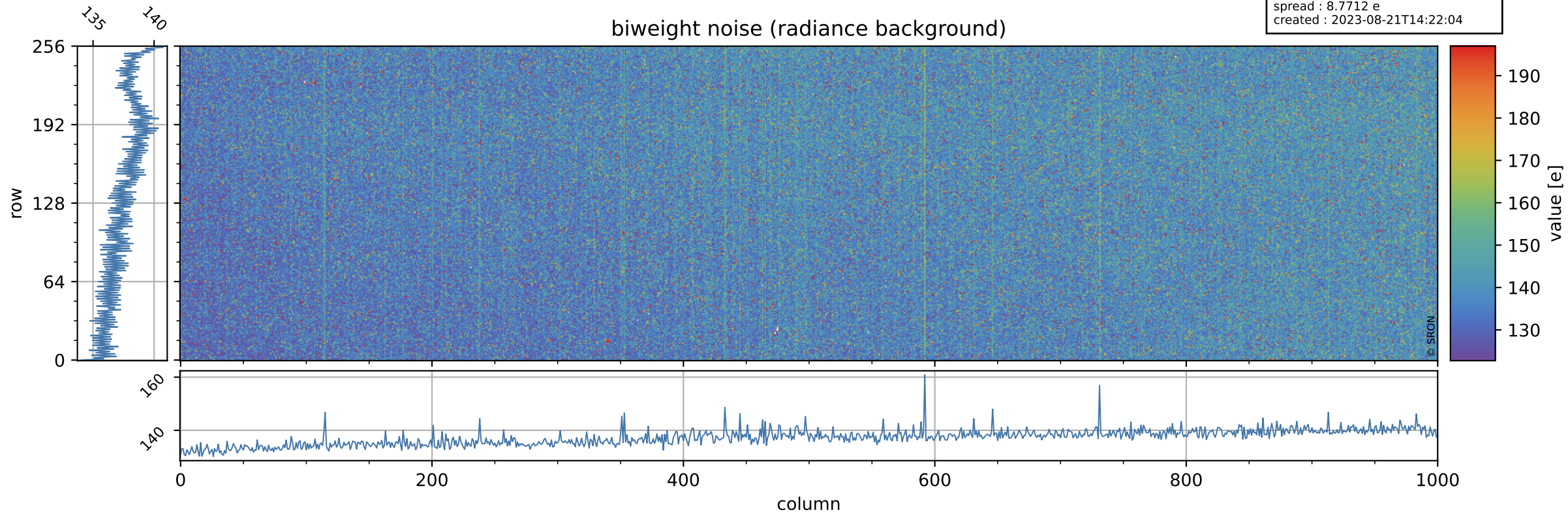
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
n_coad, t_exp : 2, 0.5383
median : 137.4 e
spread : 8.7712 e
created : 2023-08-21T14:22:04

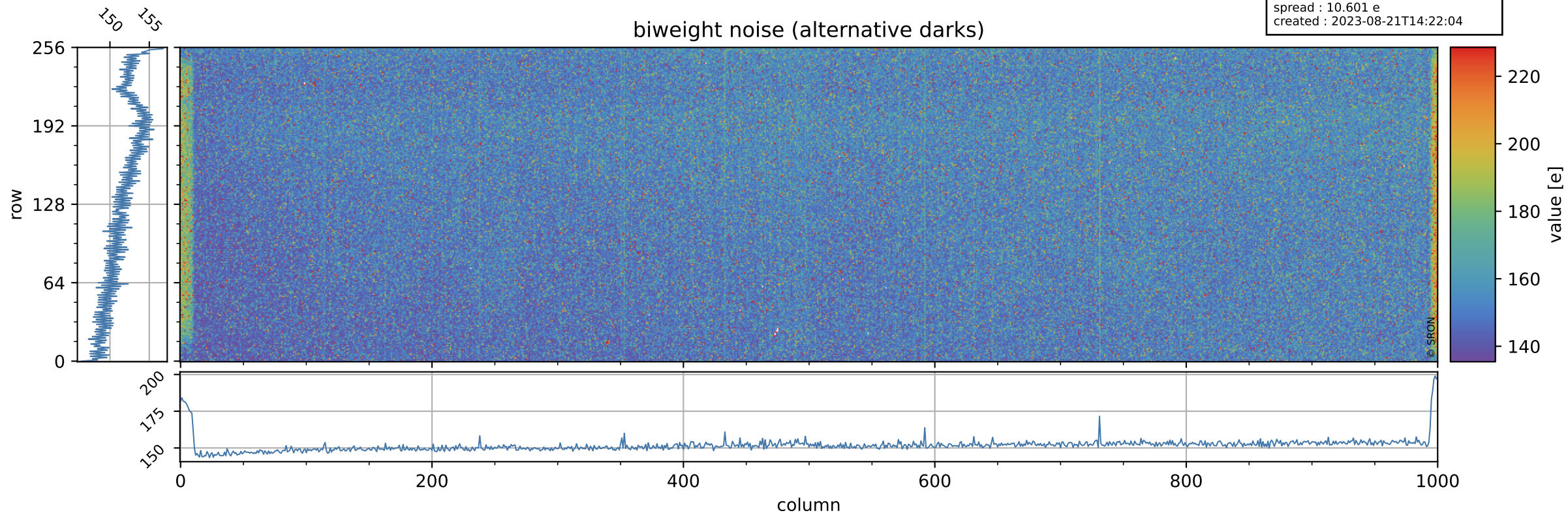
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
n_coad, t_exp : 1, 1.0783
median : 151.58 e
spread : 10.601 e
created : 2023-08-21T14:22:04

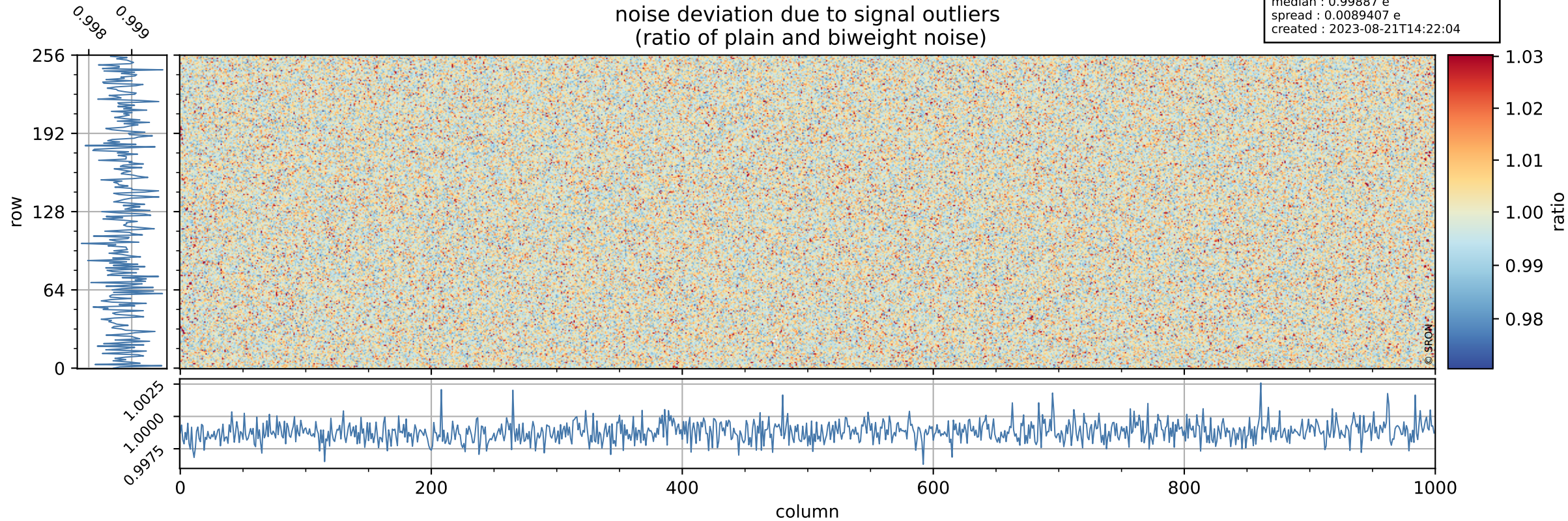
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

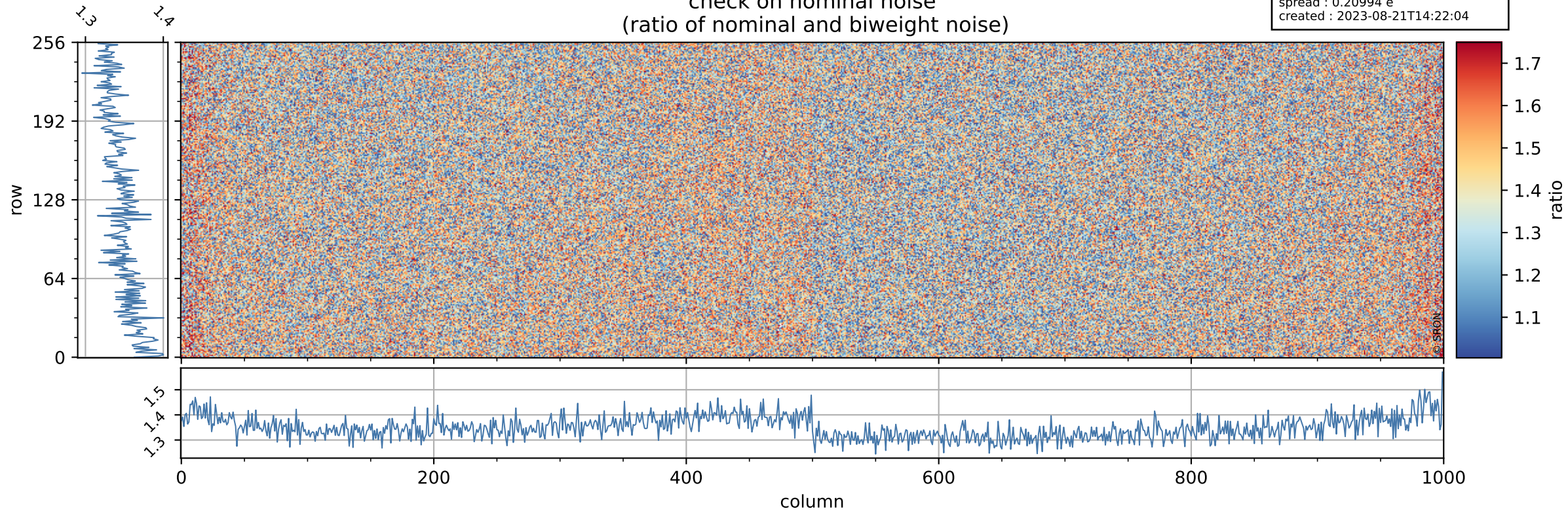
orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
median : 0.99887 e
spread : 0.0089407 e
created : 2023-08-21T14:22:04



Tropomi SWIR background noise (swir)

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

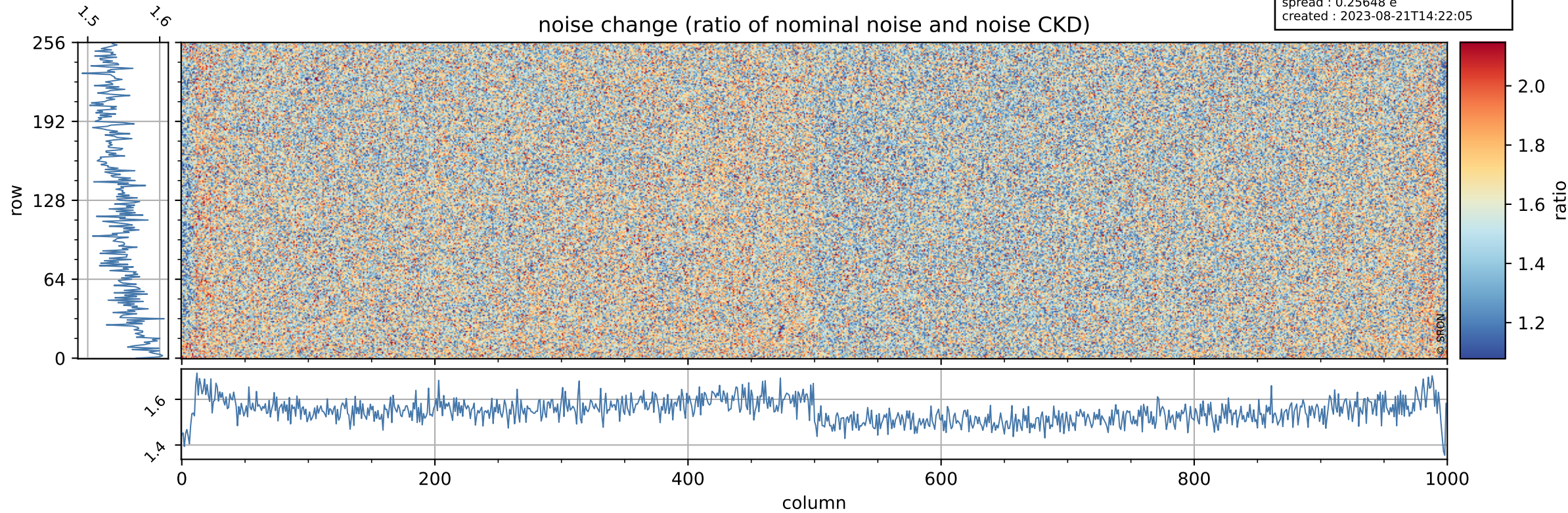
orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
median : 1.3409 e
spread : 0.20994 e
created : 2023-08-21T14:22:04



Tropomi SWIR background noise (swir)

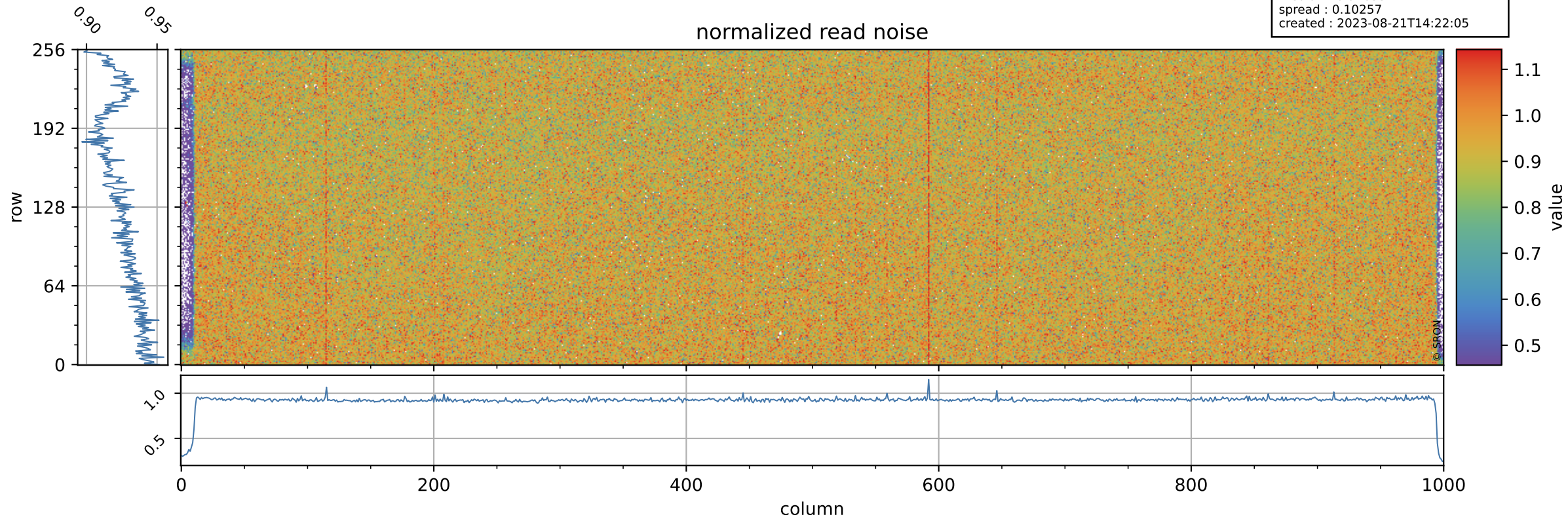
orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
median : 1.5433 e
spread : 0.25648 e
created : 2023-08-21T14:22:05

noise change (ratio of nominal noise and noise CKD)



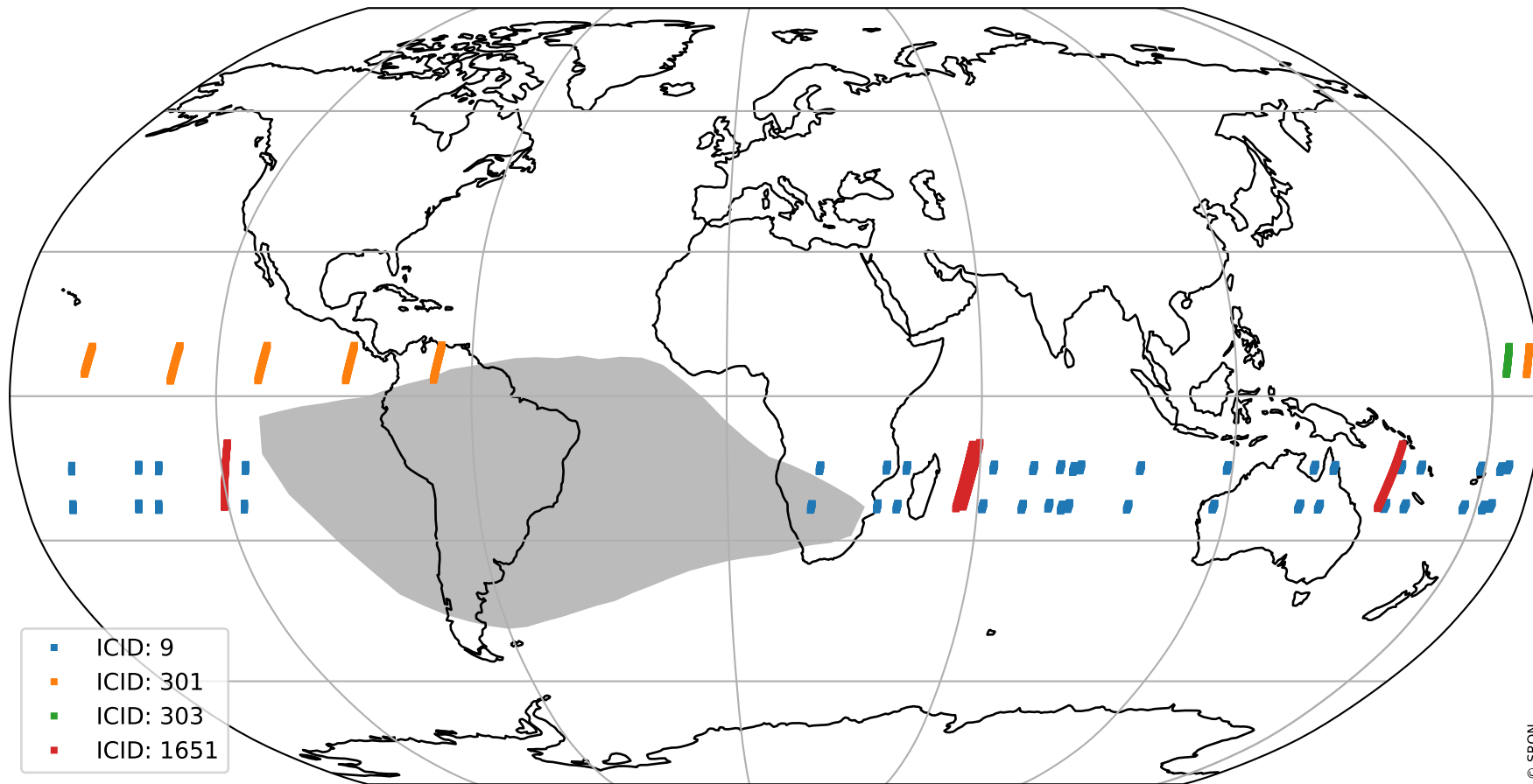
Tropomi SWIR background noise (swir)

orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
median : 0.92655
spread : 0.10257
created : 2023-08-21T14:22:05



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

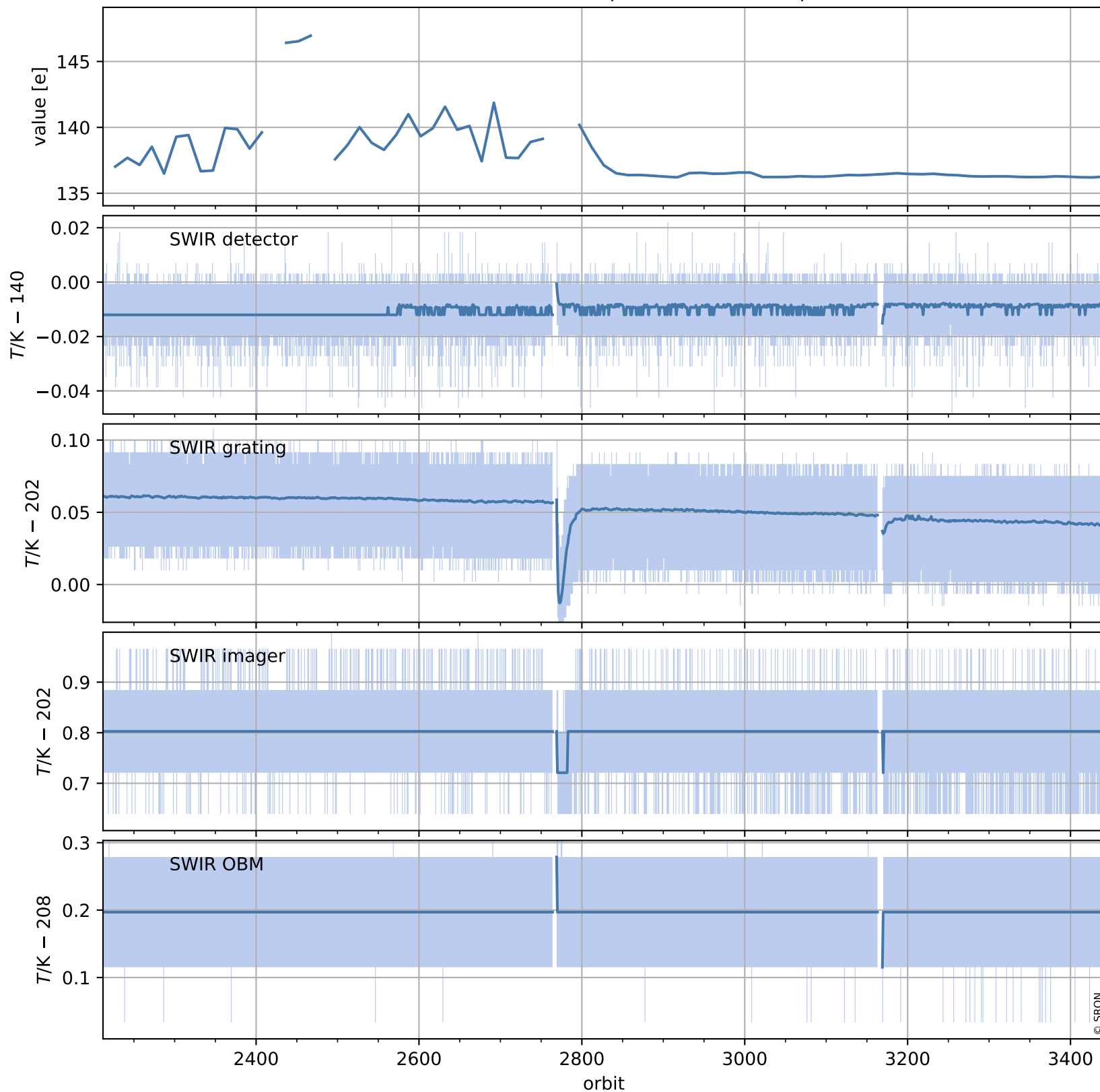
orbits : 11 in [3382, 3472]
coverage : 2018-06-09 / 2018-06-14
created : 2023-08-21T14:22:05



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:06

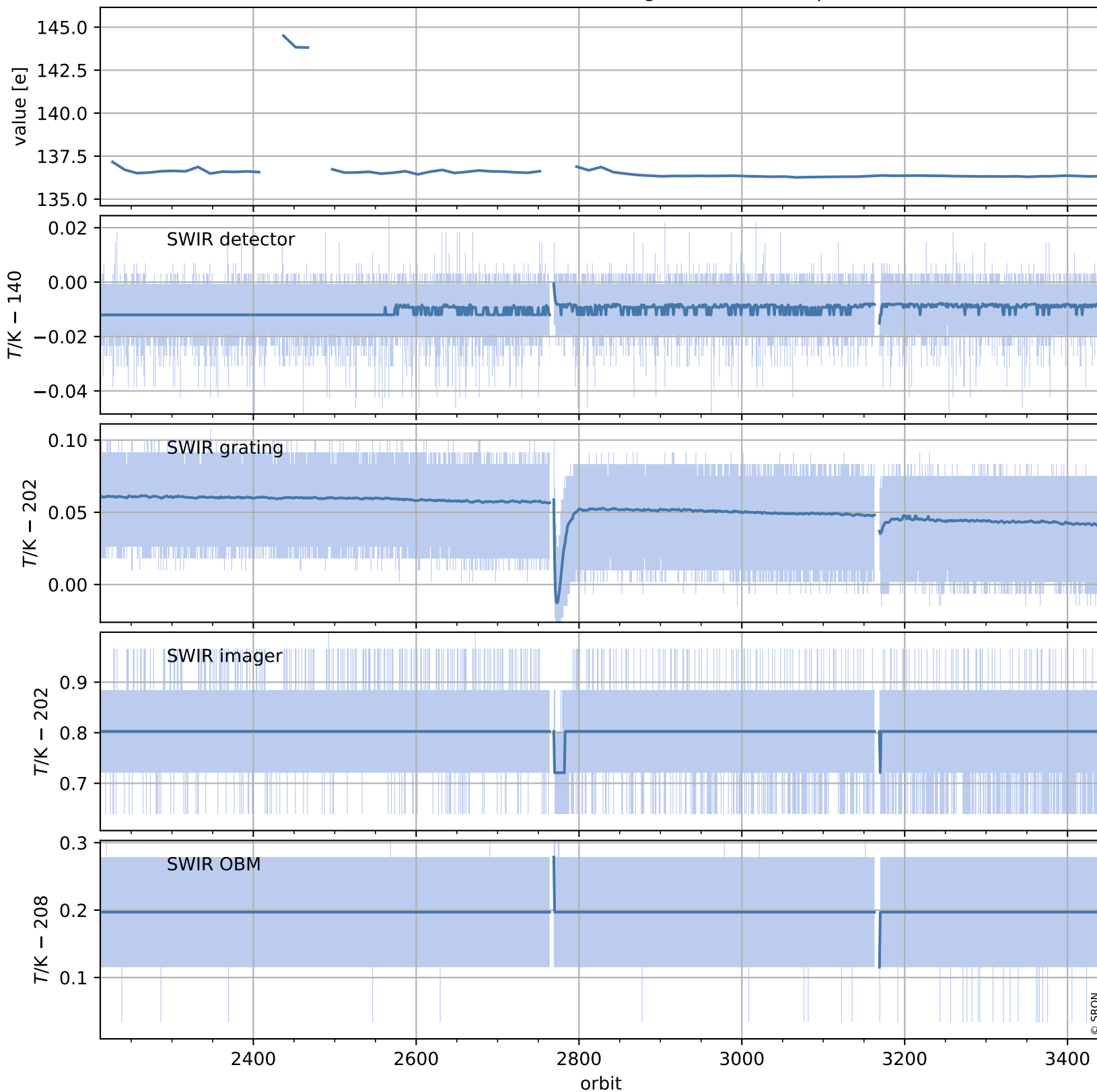
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:06

trend of normalized read-noise & temperatures

