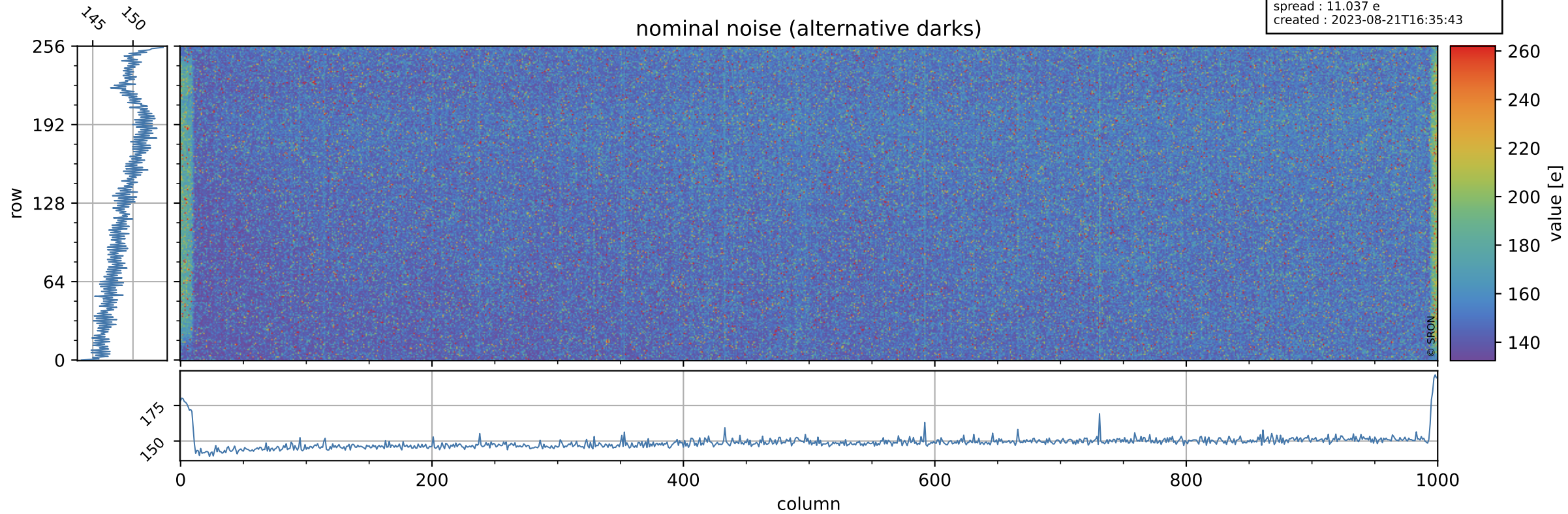


Tropomi SWIR background noise (swir)

orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.037 e
created : 2023-08-21T16:35:43

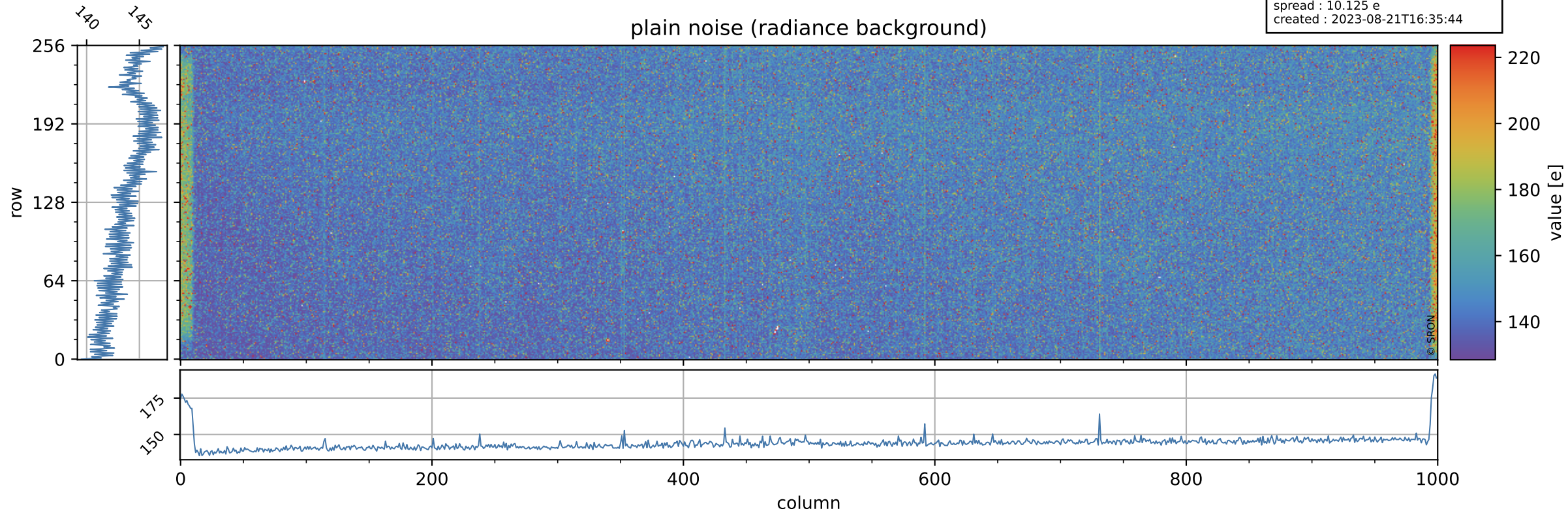
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 10.125 e
created : 2023-08-21T16:35:44

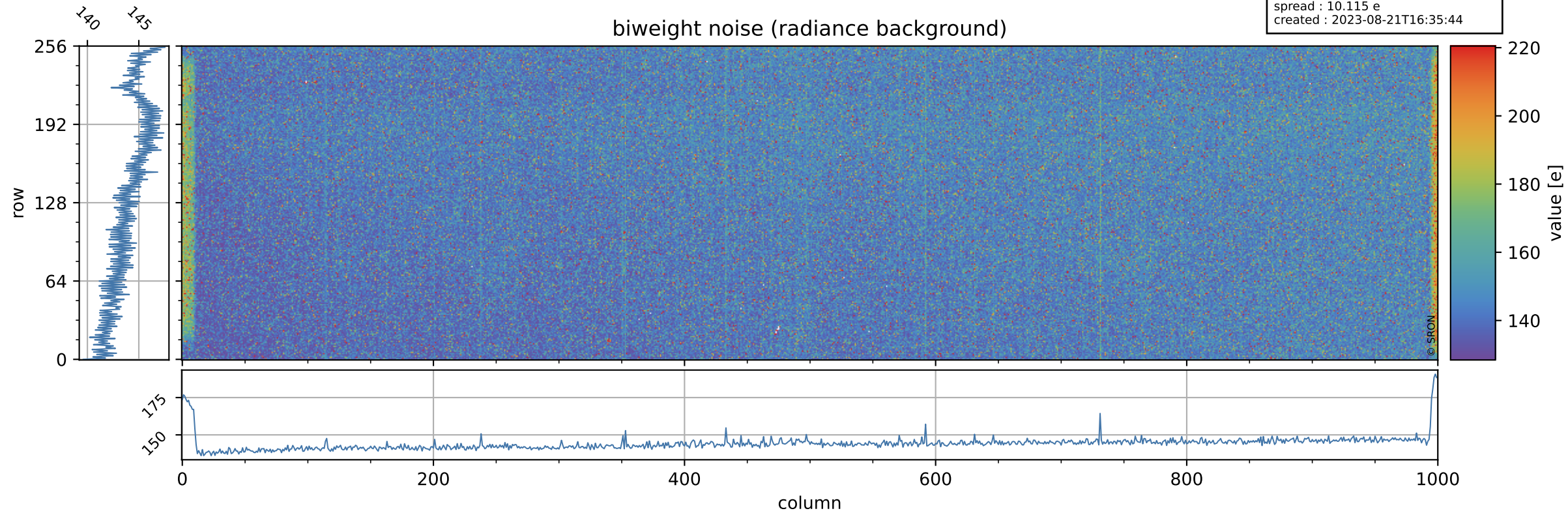
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 10.115 e
created : 2023-08-21T16:35:44

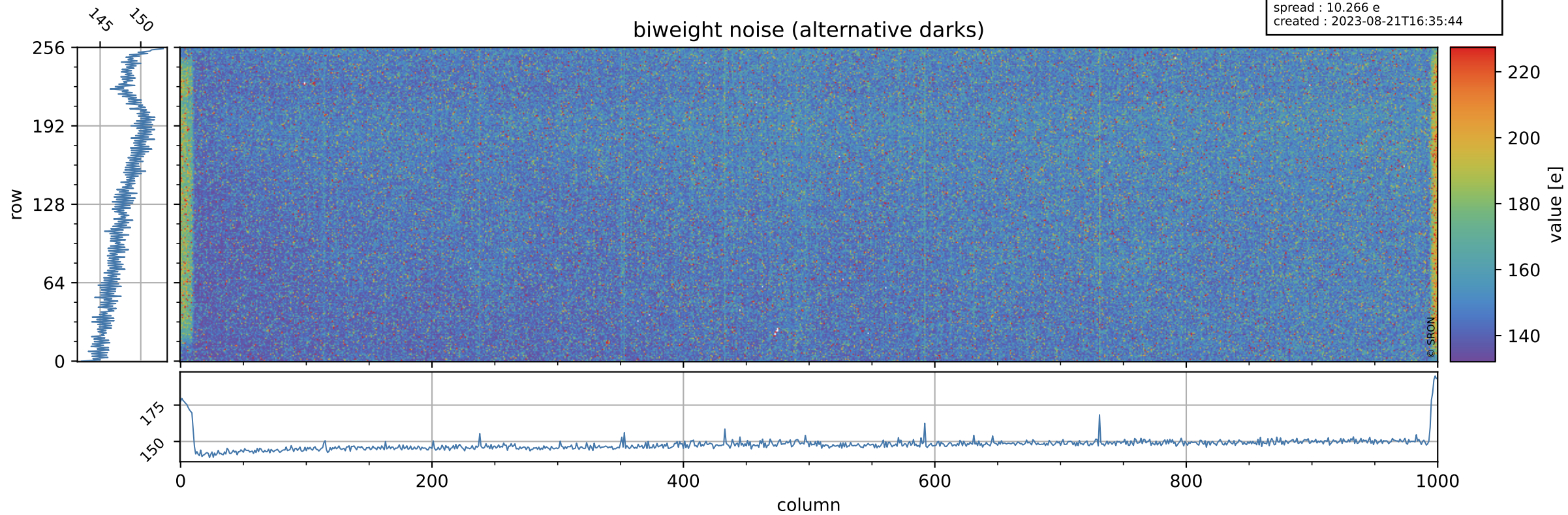
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.266 e
created : 2023-08-21T16:35:44

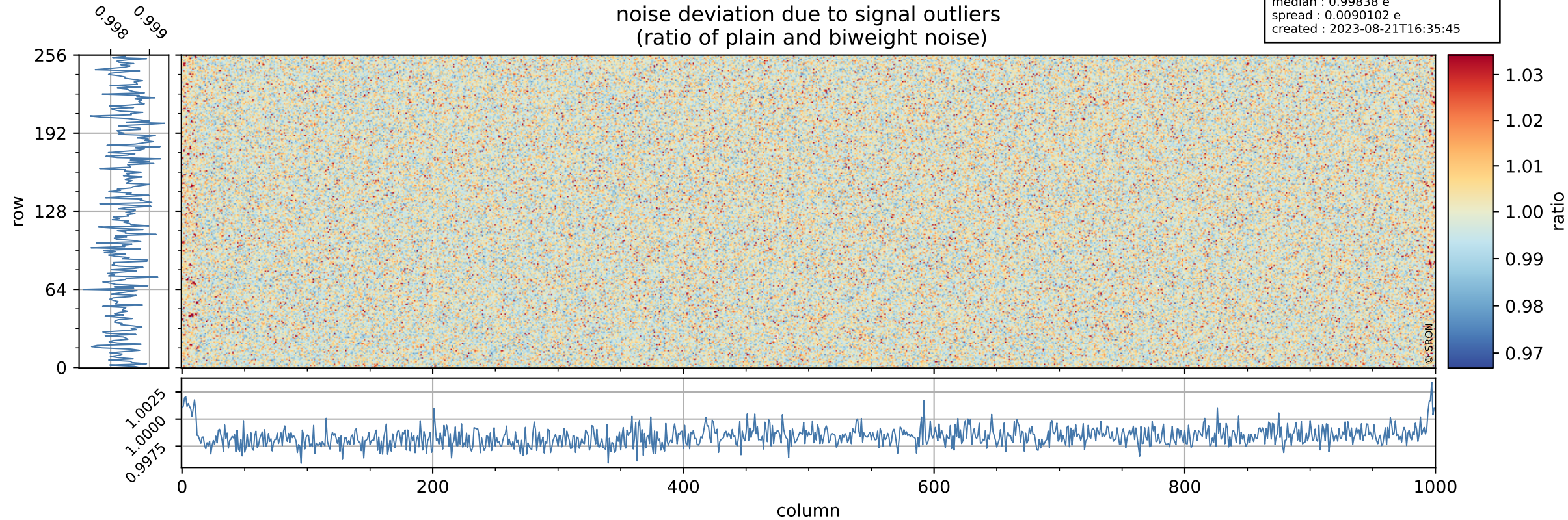
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

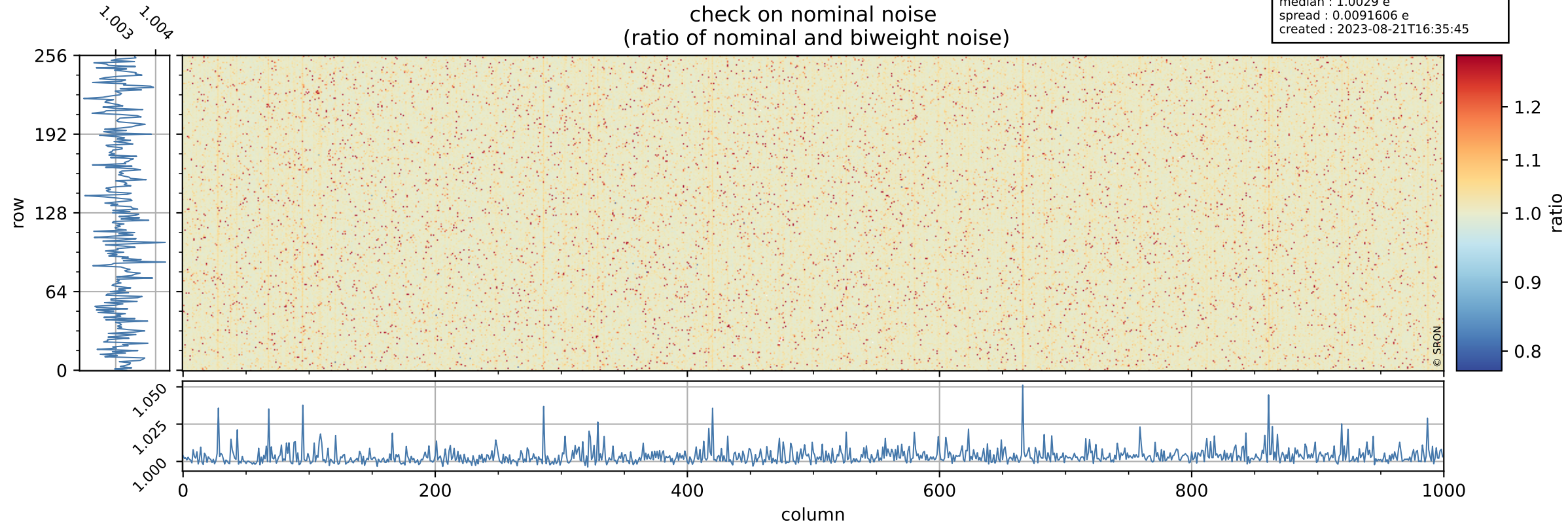
orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
median : 0.99838 e
spread : 0.0090102 e
created : 2023-08-21T16:35:45



Tropomi SWIR background noise (swir)

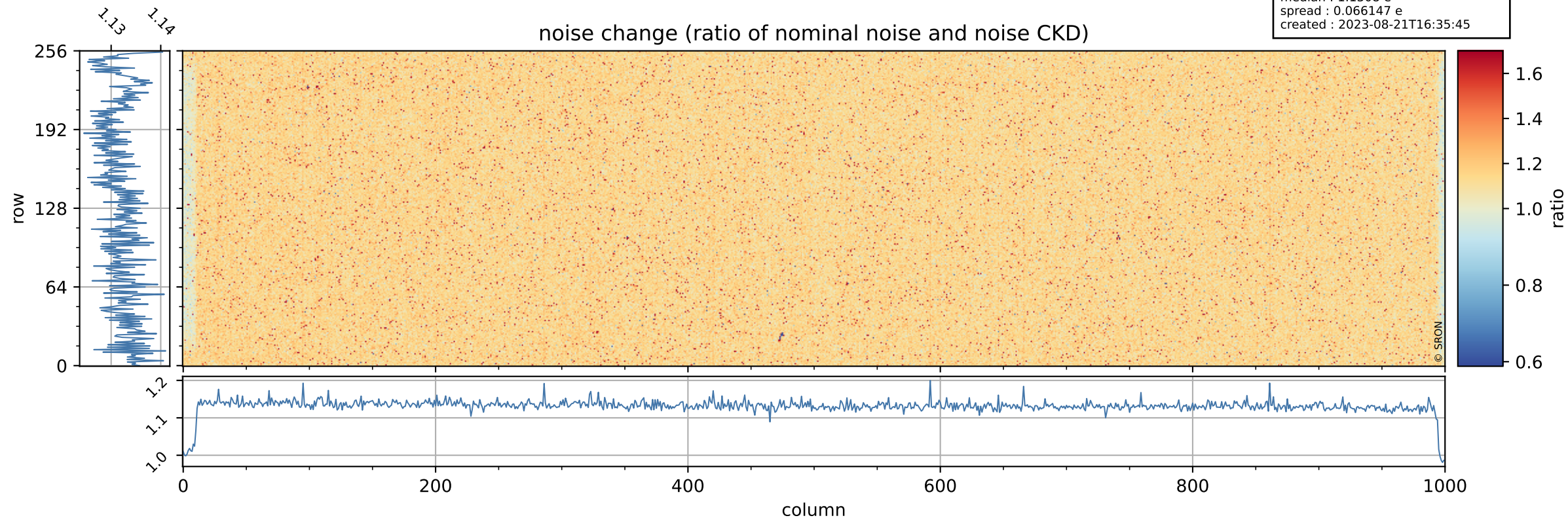
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
median : 1.0029 e
spread : 0.0091606 e
created : 2023-08-21T16:35:45



Tropomi SWIR background noise (swir)

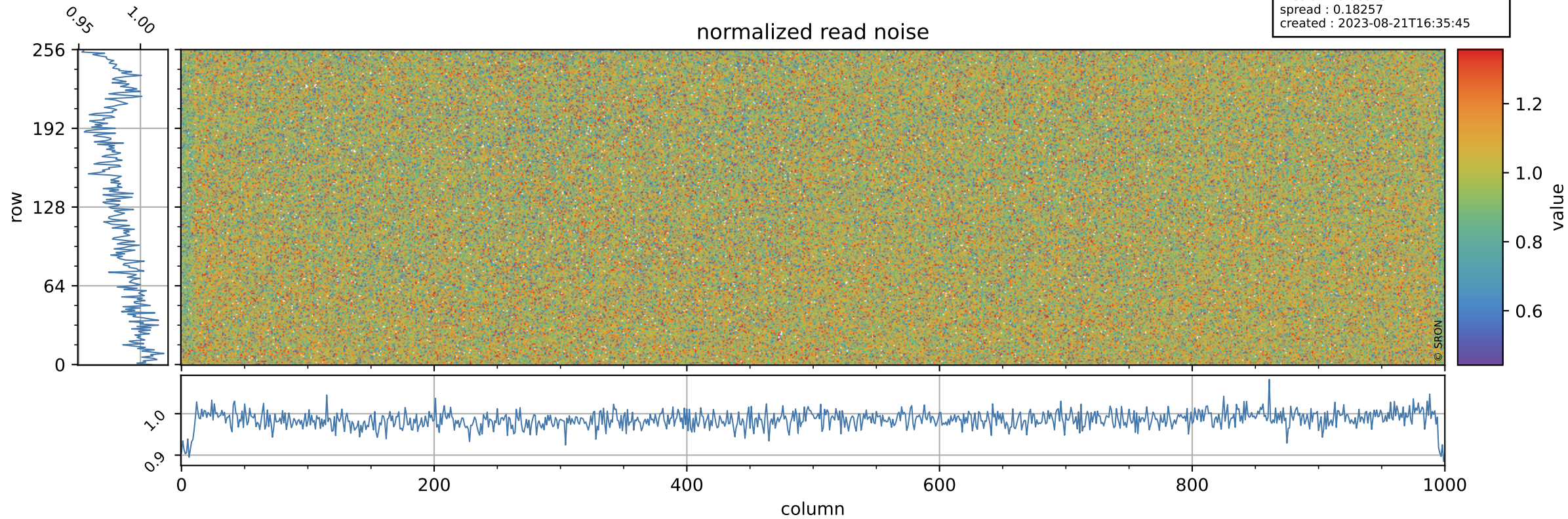
orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
median : 1.1308 e
spread : 0.066147 e
created : 2023-08-21T16:35:45



Tropomi SWIR background noise (swir)

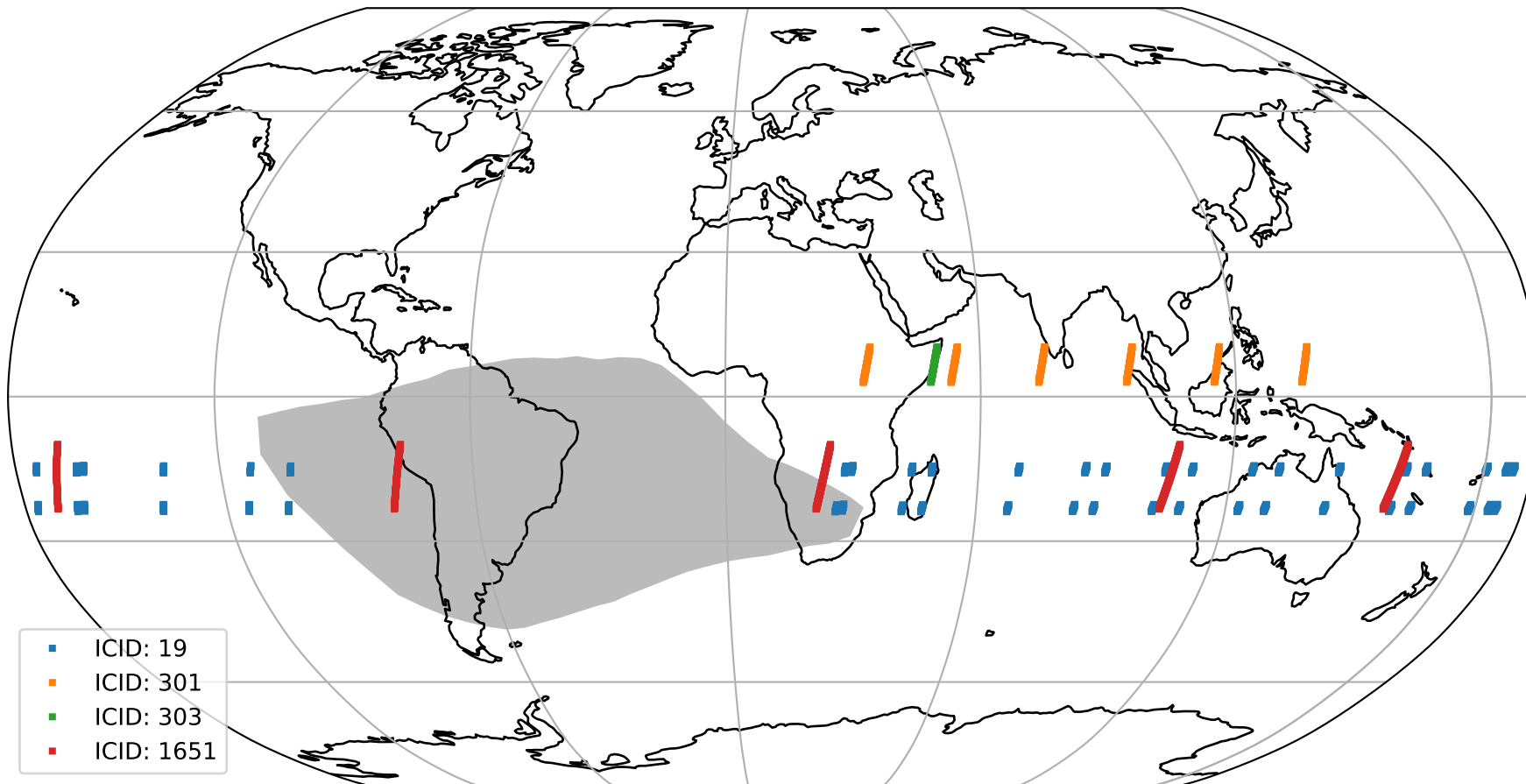
orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
median : 0.98375
spread : 0.18257
created : 2023-08-21T16:35:45

normalized read noise



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

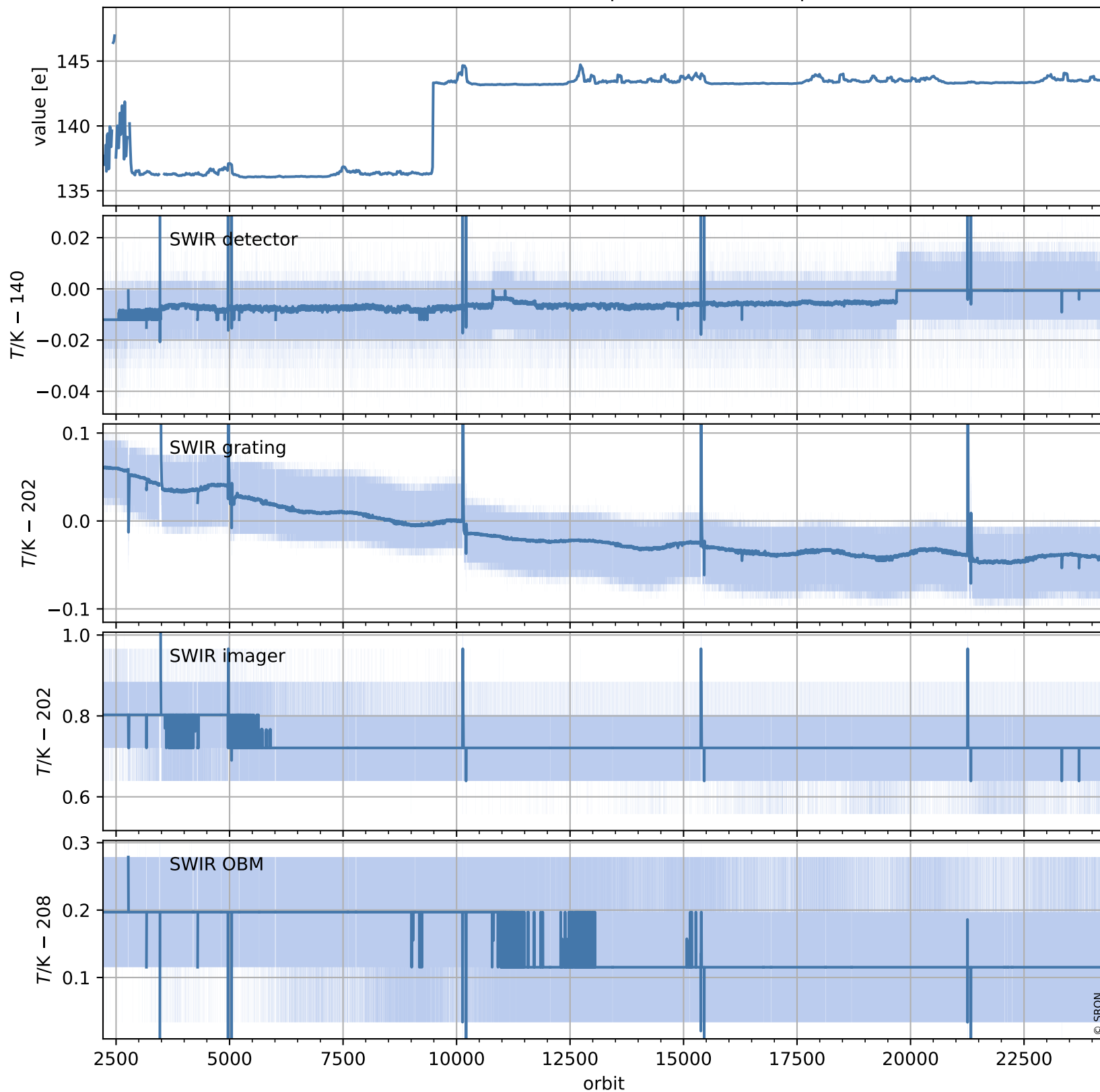
orbits : 12 in [24187, 24277]
coverage : 2022-06-14 / 2022-06-20
created : 2023-08-21T16:35:46



Tropomi SWIR background noise (swir)

orbits : [2212, 24277]
coverage : 2018-03-18 / 2022-06-20
created : 2023-08-21T16:35:46

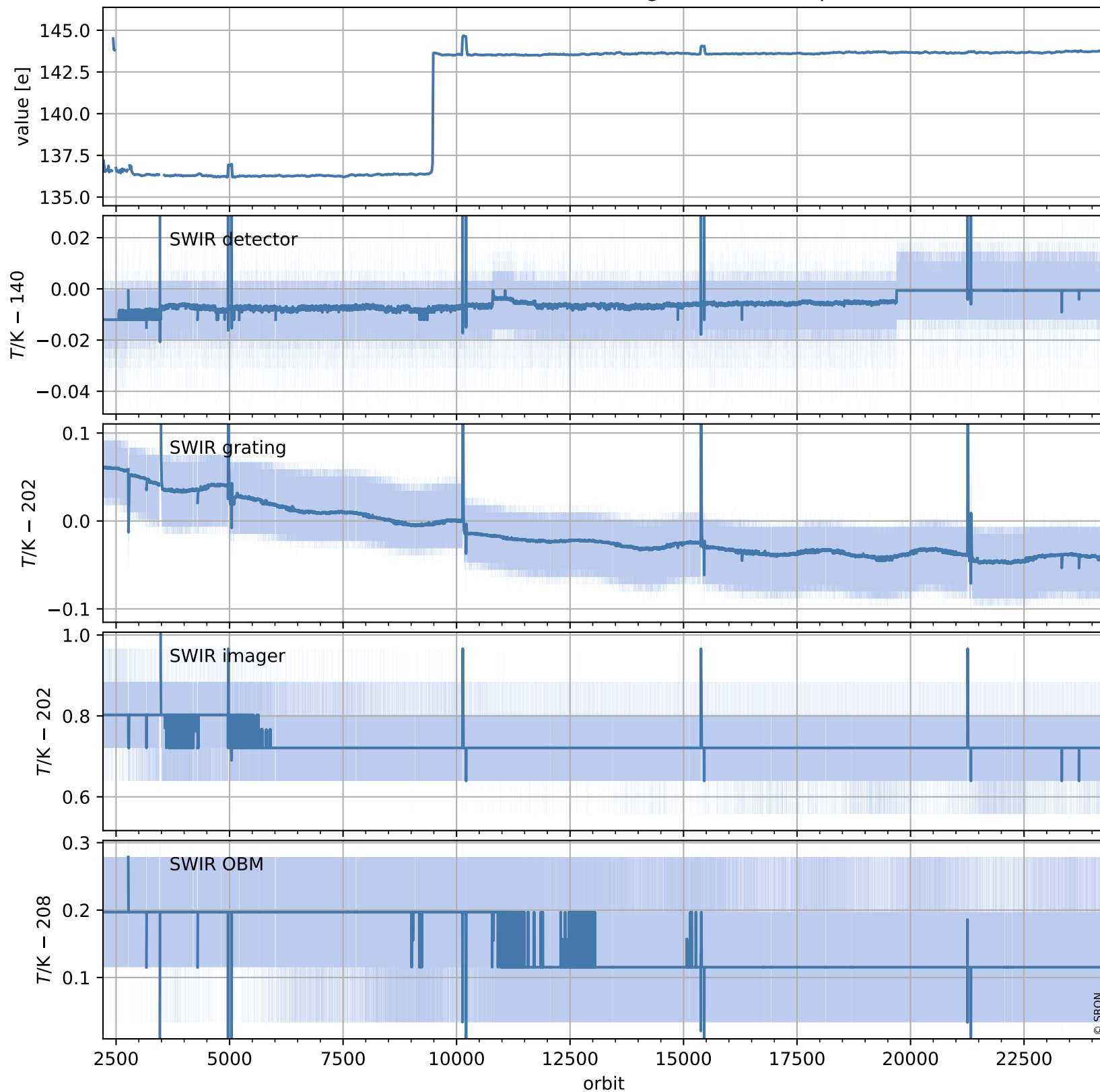
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24277]
coverage : 2018-03-18 / 2022-06-20
created : 2023-08-21T16:35:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24277]
coverage : 2018-03-18 / 2022-06-20
created : 2023-08-21T16:35:48

trend of normalized read-noise & temperatures

