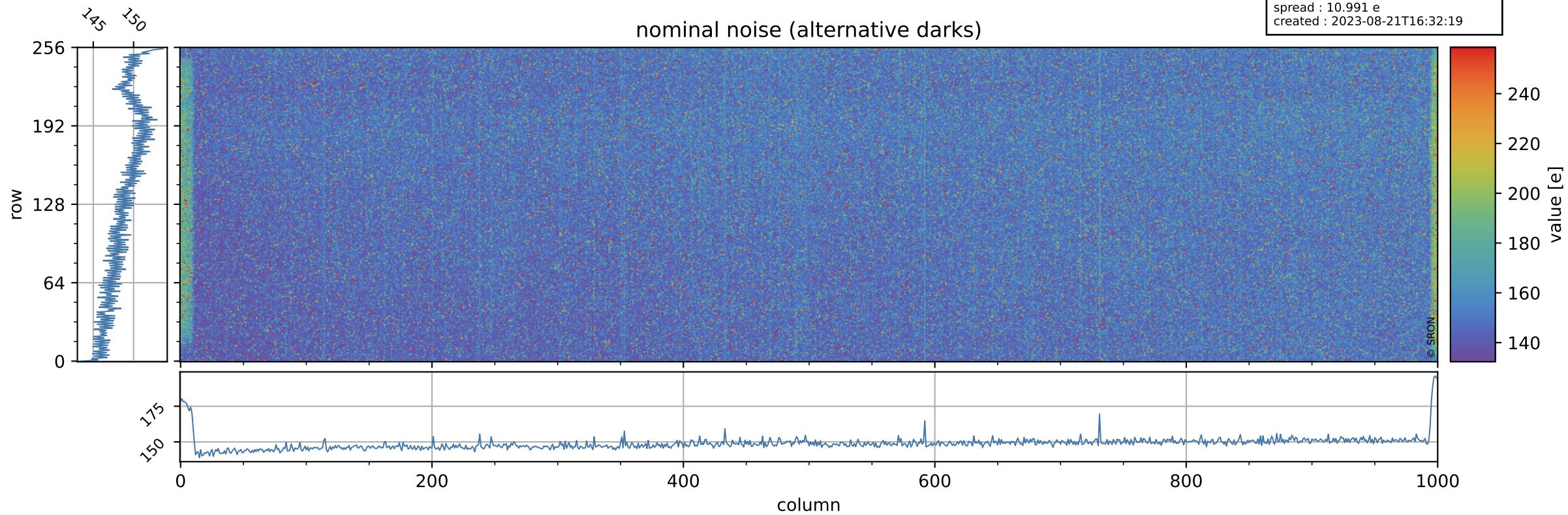


Tropomi SWIR background noise (swir)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.991 e
created : 2023-08-21T16:32:19

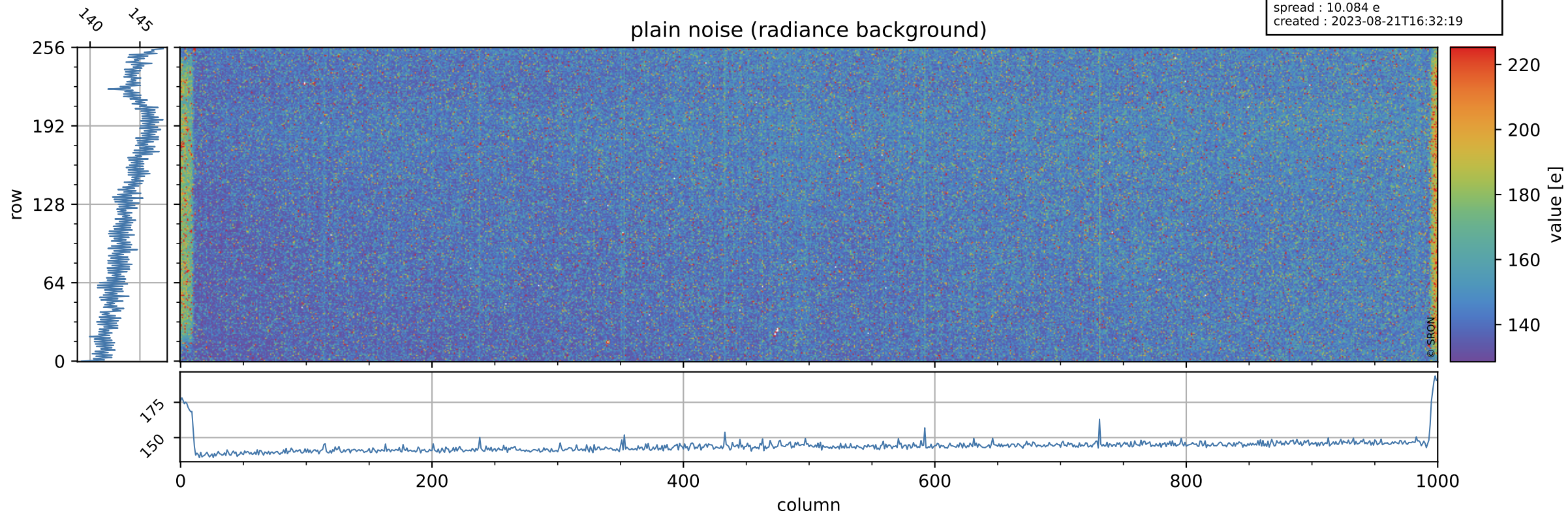
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.084 e
created : 2023-08-21T16:32:19

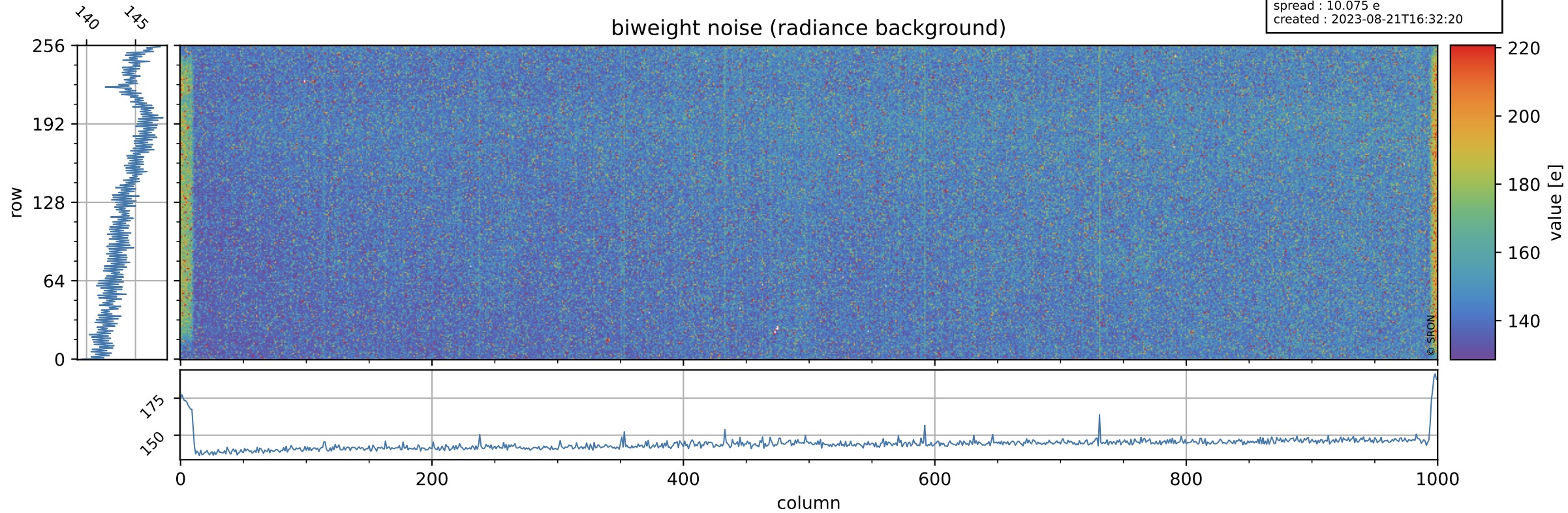
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 10.075 e
created : 2023-08-21T16:32:20

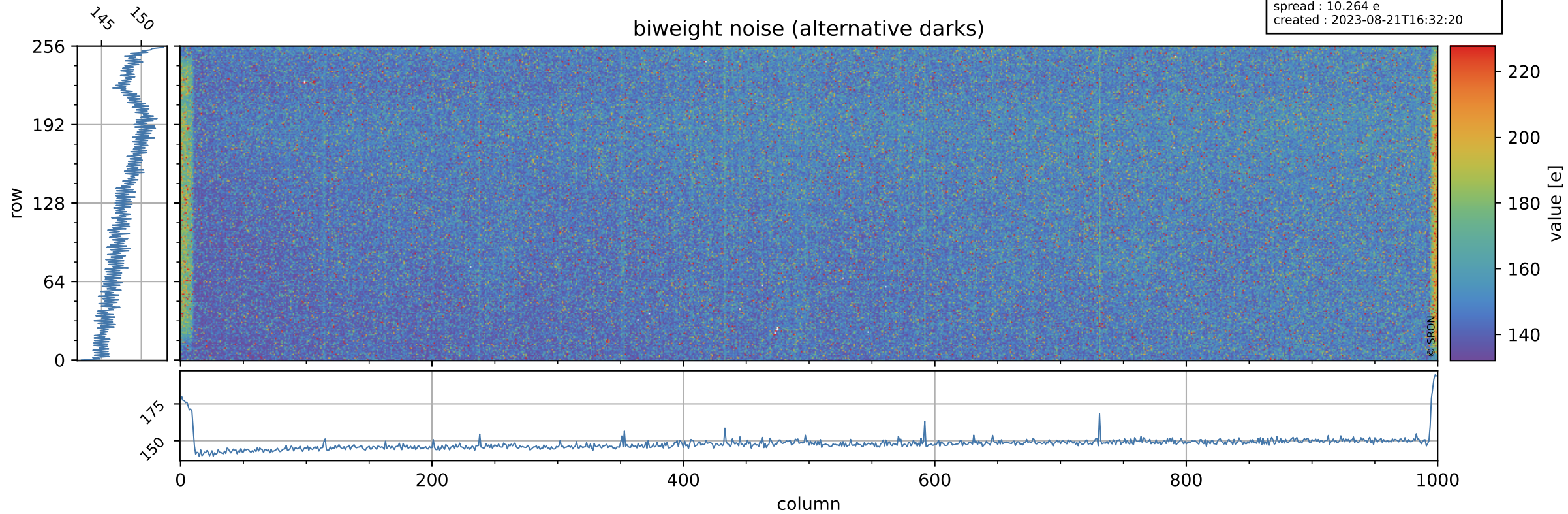
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.264 e
created : 2023-08-21T16:32:20

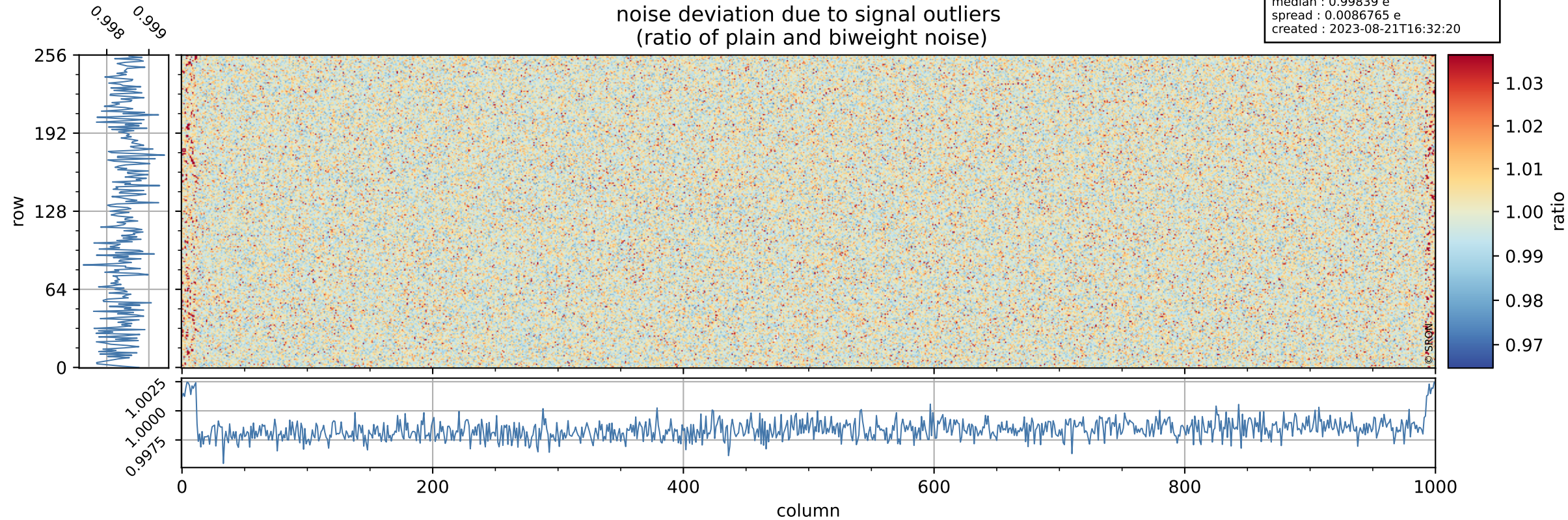
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

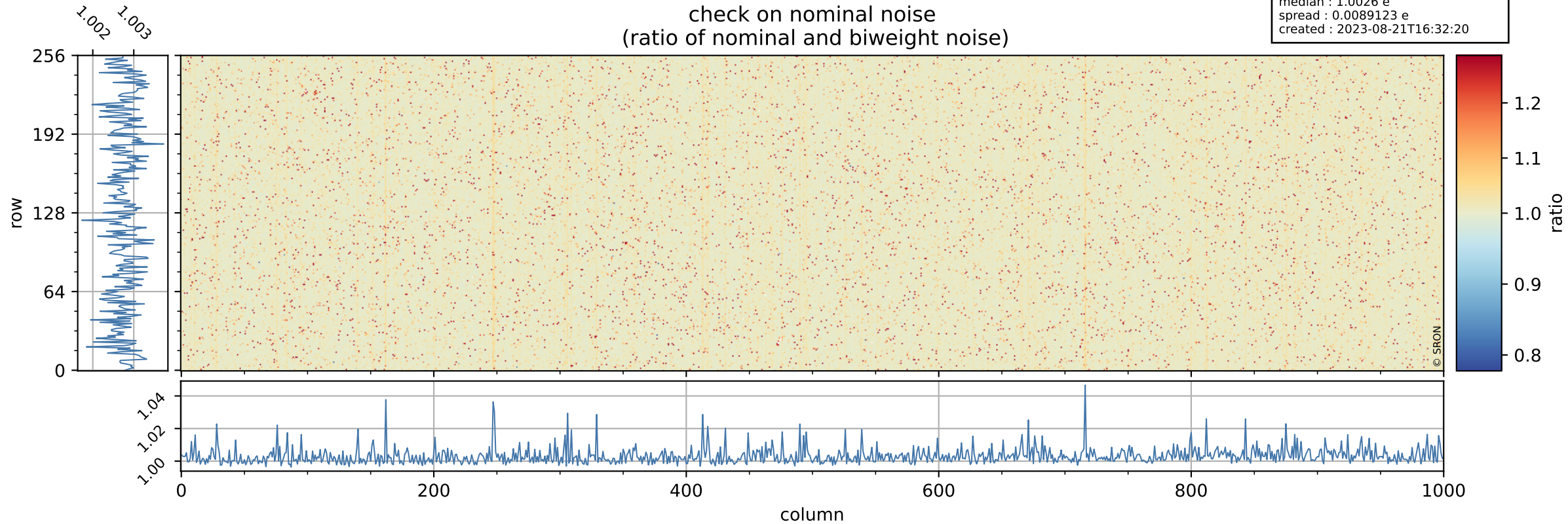
orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
median : 0.99839 e
spread : 0.0086765 e
created : 2023-08-21T16:32:20



Tropomi SWIR background noise (swir)

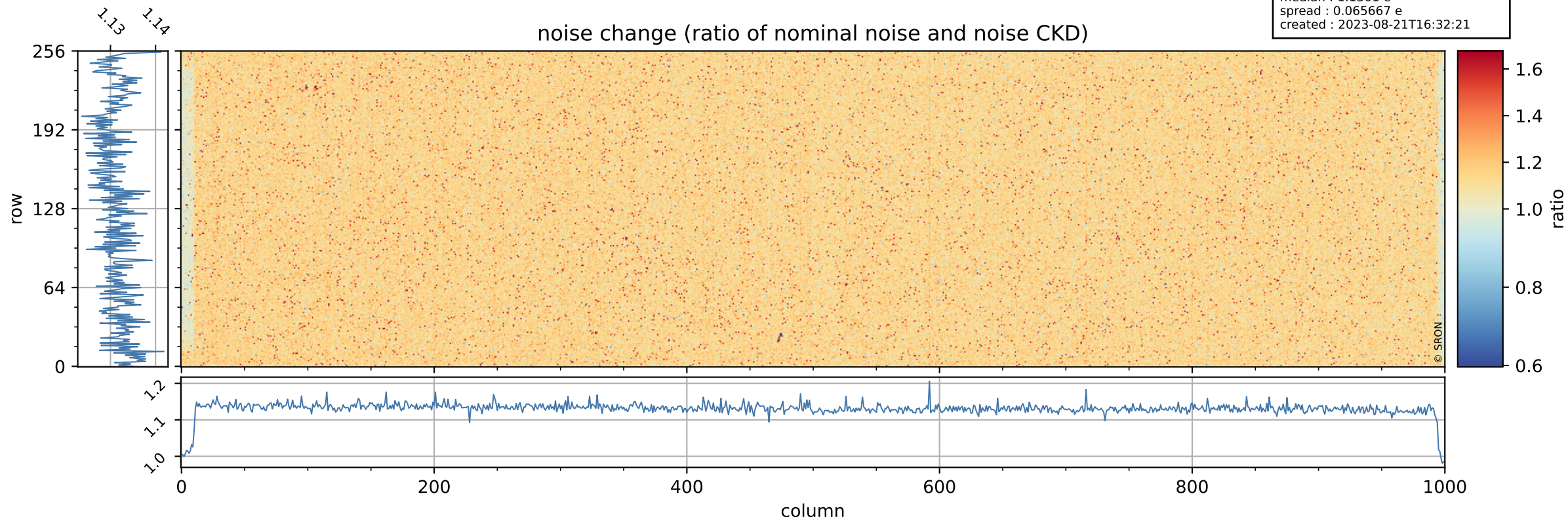
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
median : 1.0026 e
spread : 0.0089123 e
created : 2023-08-21T16:32:20



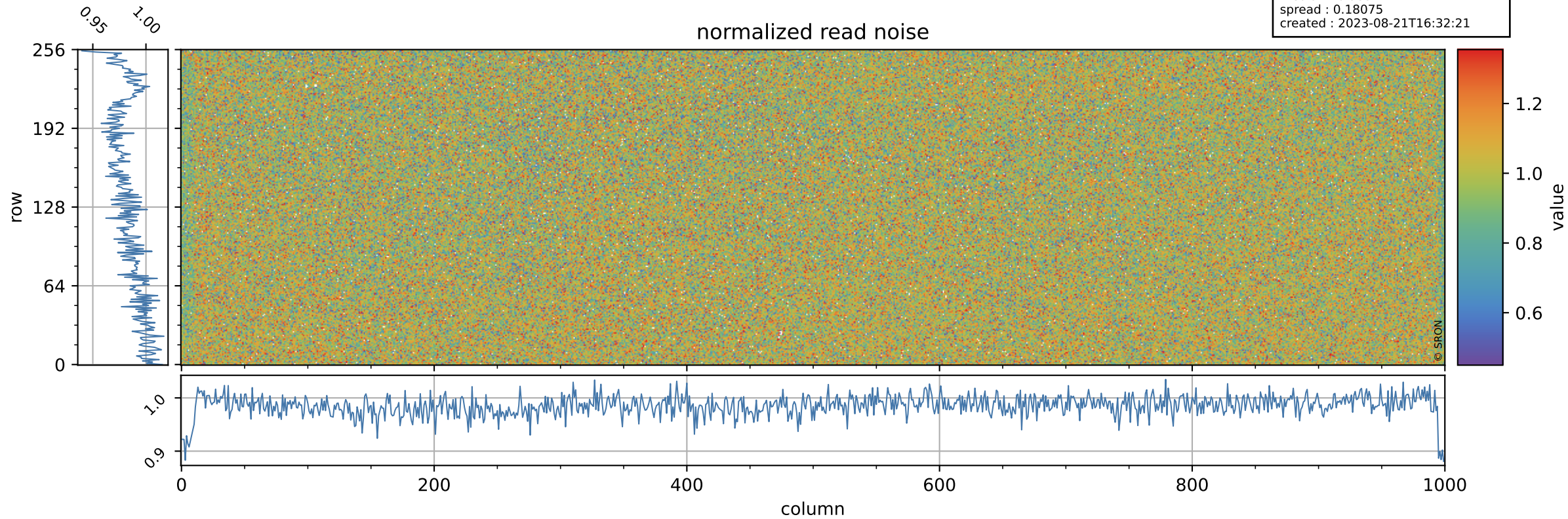
Tropomi SWIR background noise (swir)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
median : 1.1301 e
spread : 0.065667 e
created : 2023-08-21T16:32:21



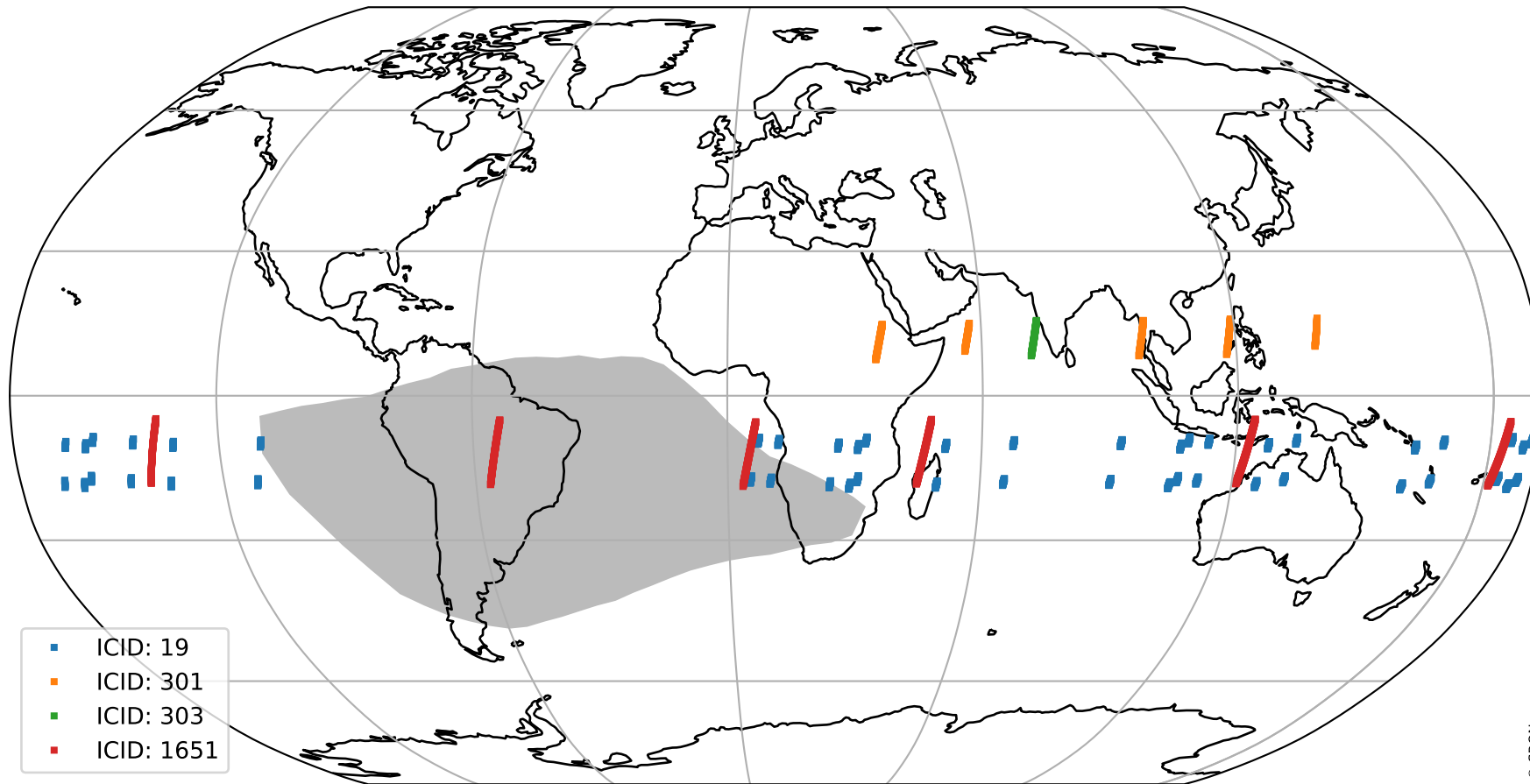
Tropomi SWIR background noise (swir)

orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
median : 0.9832
spread : 0.18075
created : 2023-08-21T16:32:21



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

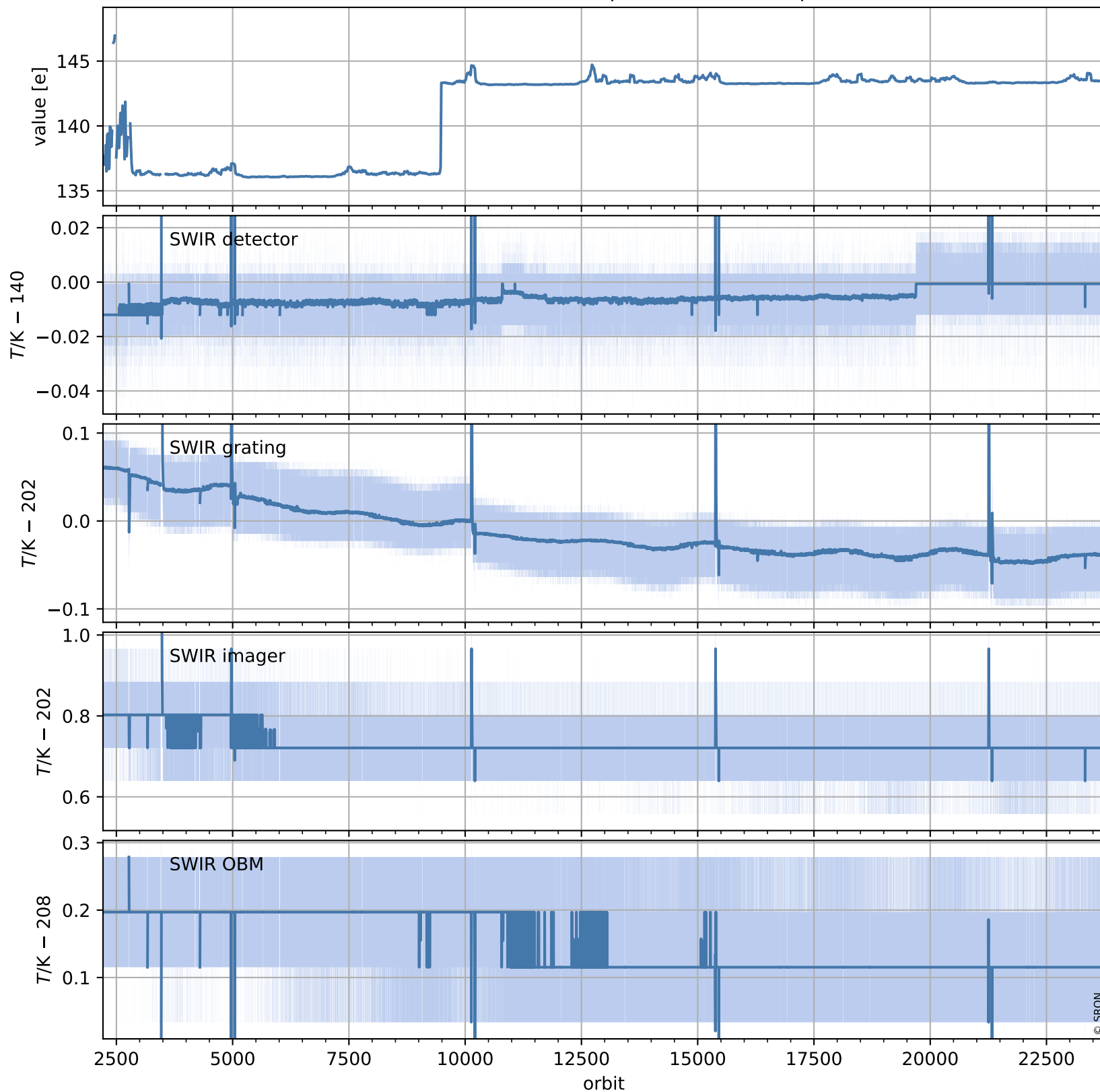
orbits : 12 in [23662, 23752]
coverage : 2022-05-08 / 2022-05-14
created : 2023-08-21T16:32:21



Tropomi SWIR background noise (swir)

orbits : [2212, 23752]
coverage : 2018-03-18 / 2022-05-14
created : 2023-08-21T16:32:22

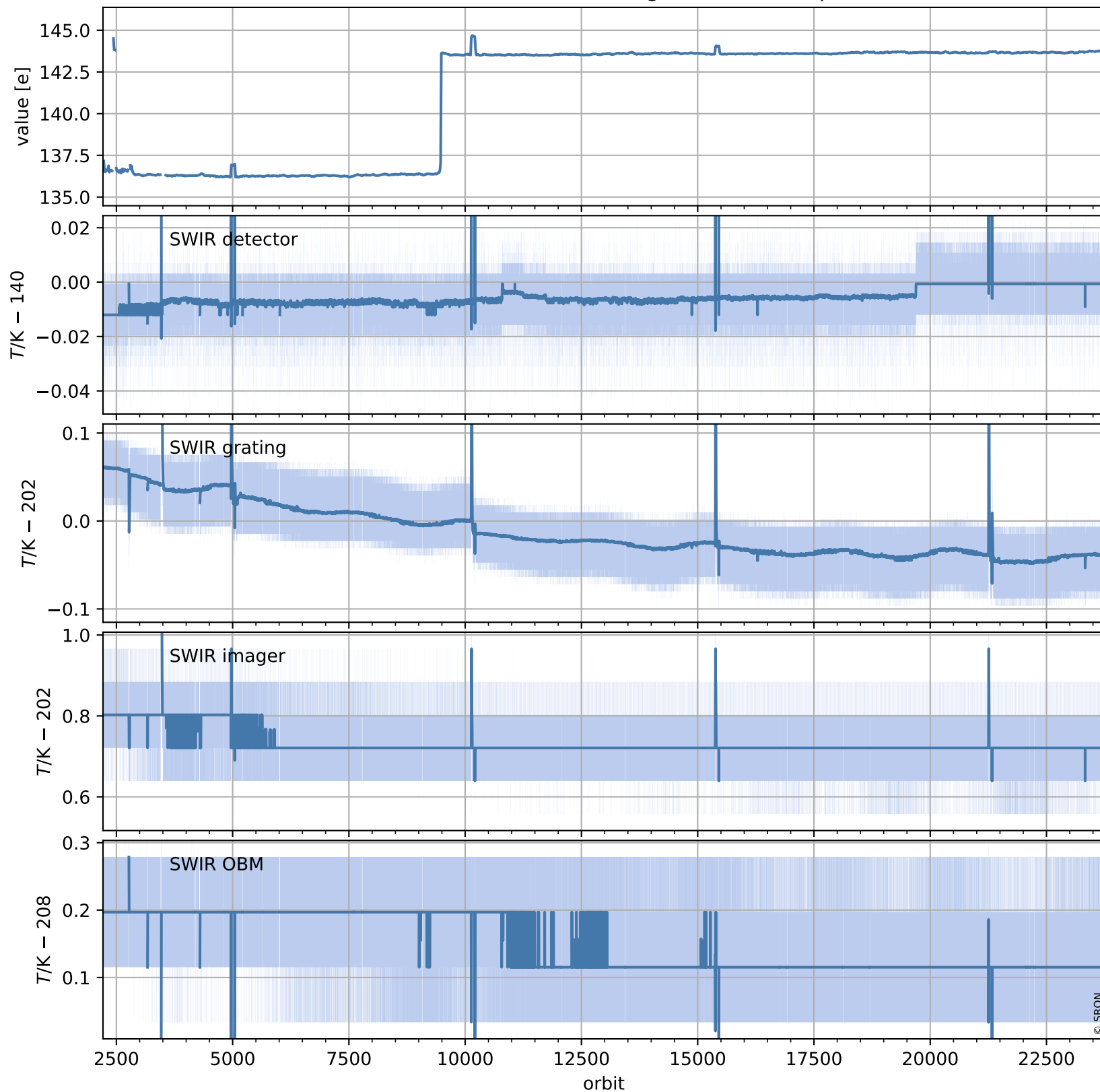
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23752]
coverage : 2018-03-18 / 2022-05-14
created : 2023-08-21T16:32:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23752]
coverage : 2018-03-18 / 2022-05-14
created : 2023-08-21T16:32:24

trend of normalized read-noise & temperatures

