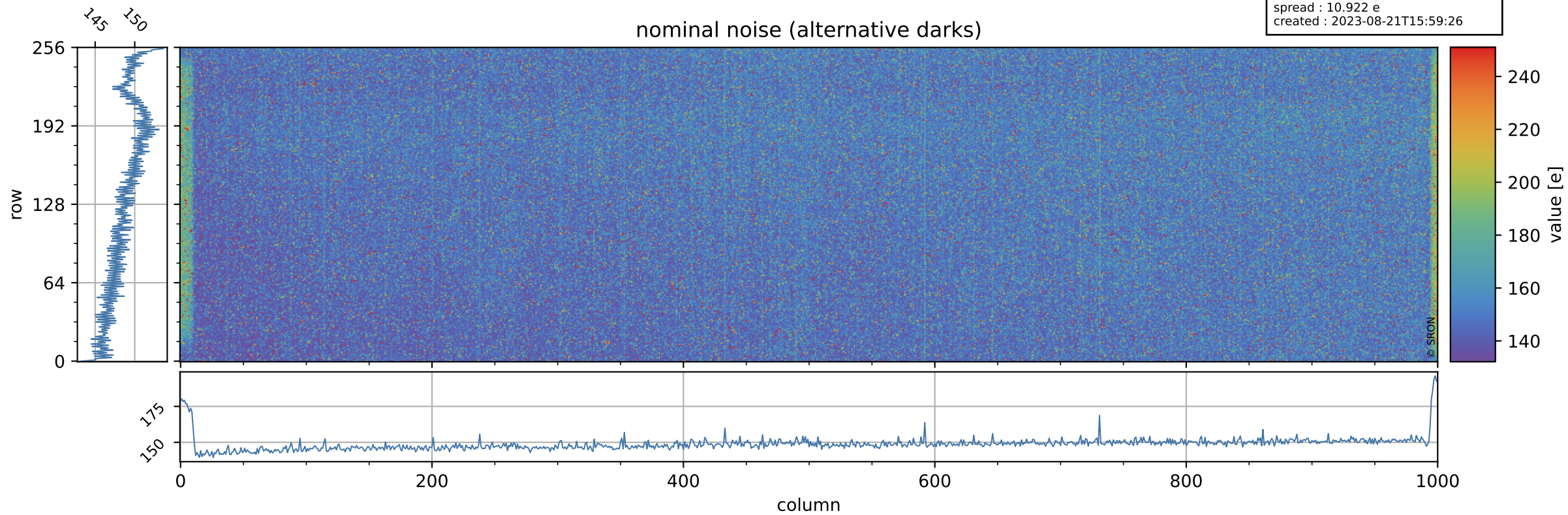


Tropomi SWIR background noise (swir)

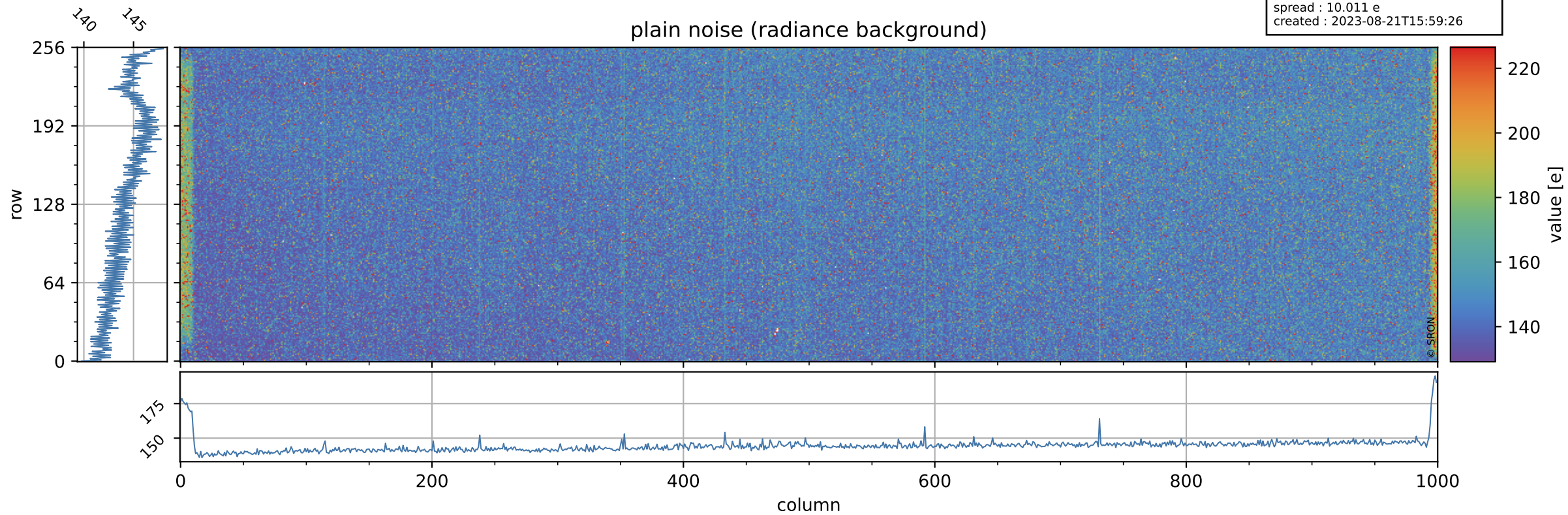
orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.922 e
created : 2023-08-21T15:59:26



Tropomi SWIR background noise (swir)

orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
n_coad, t_exp : 1, 0.8383
median : 144.1 e
spread : 10.011 e
created : 2023-08-21T15:59:26

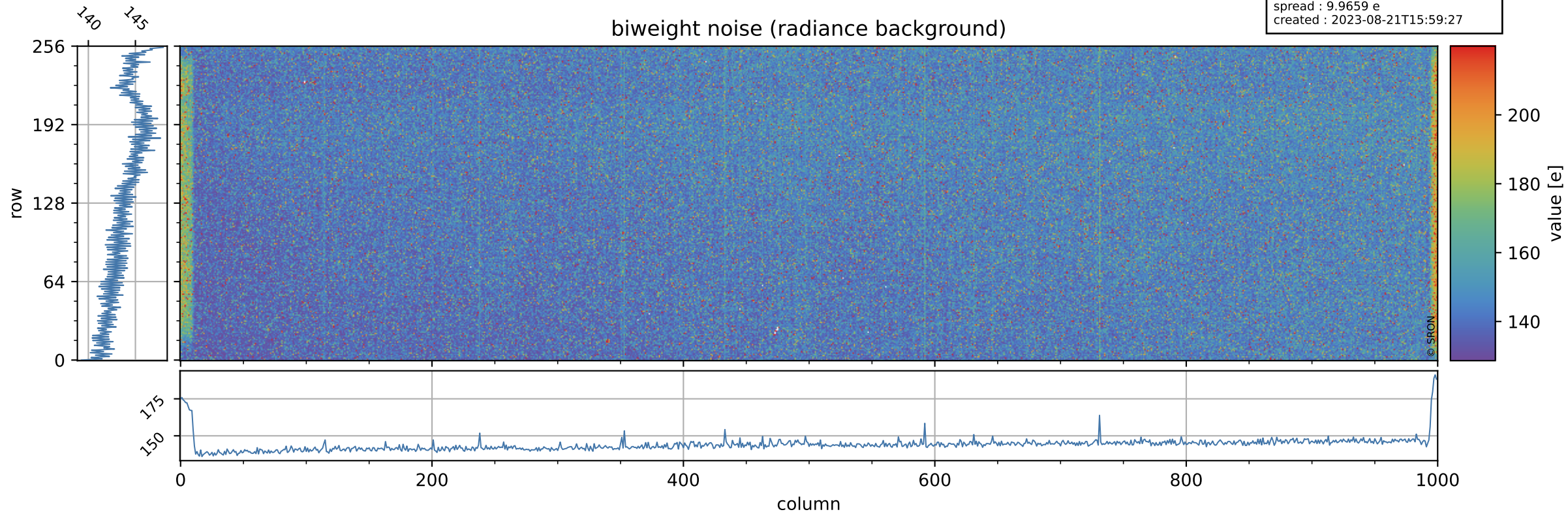
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9659 e
created : 2023-08-21T15:59:27

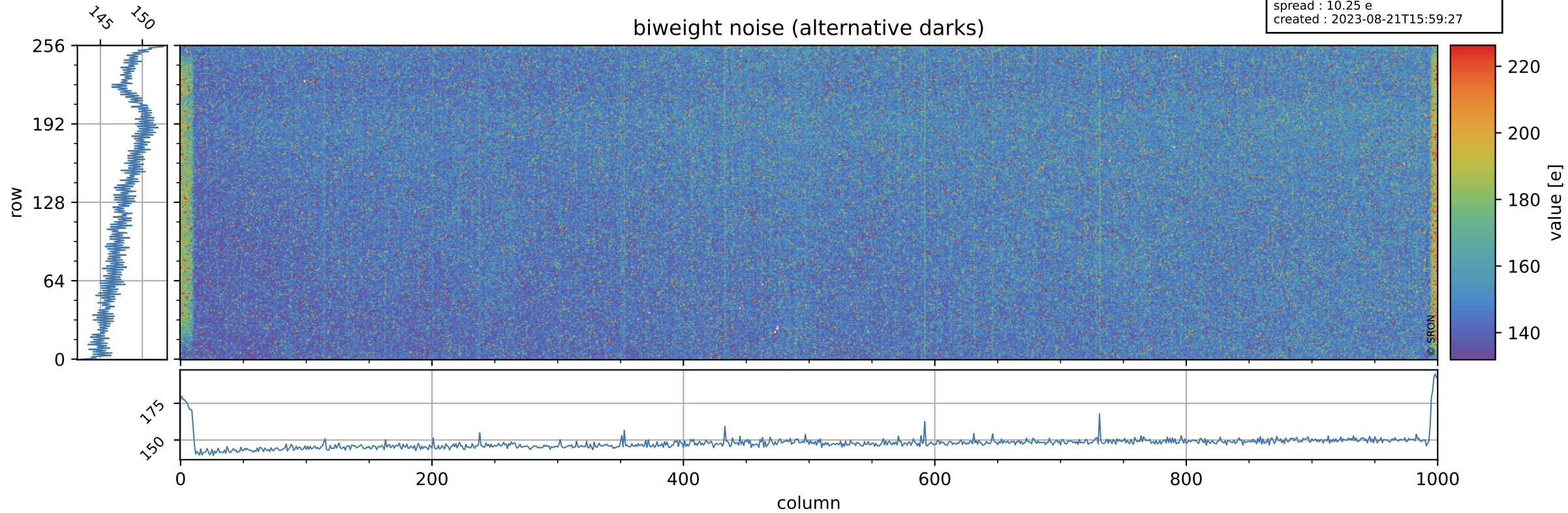
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.25 e
created : 2023-08-21T15:59:27

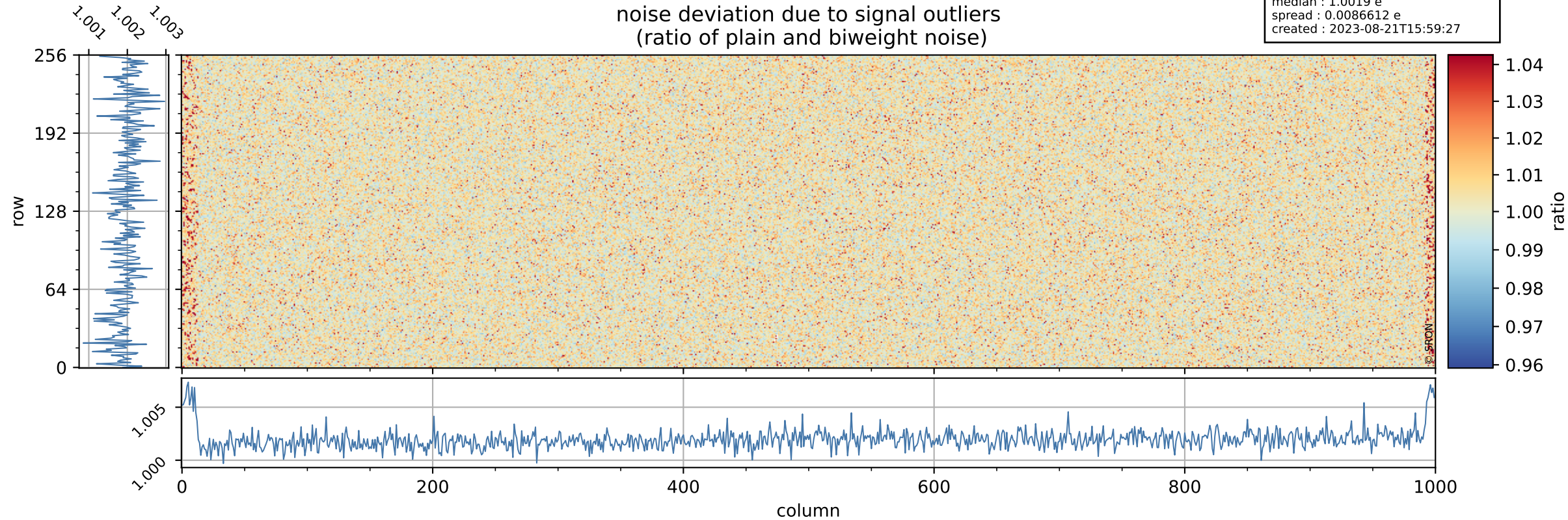
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

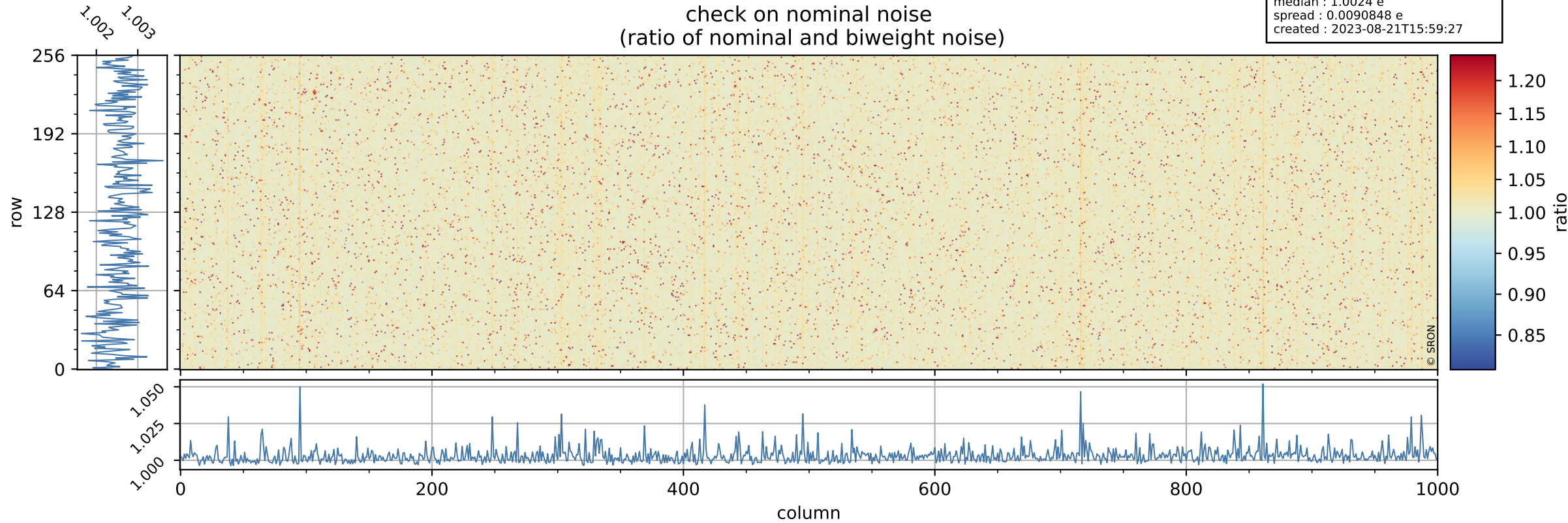
orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
median : 1.0019 e
spread : 0.0086612 e
created : 2023-08-21T15:59:27



Tropomi SWIR background noise (swir)

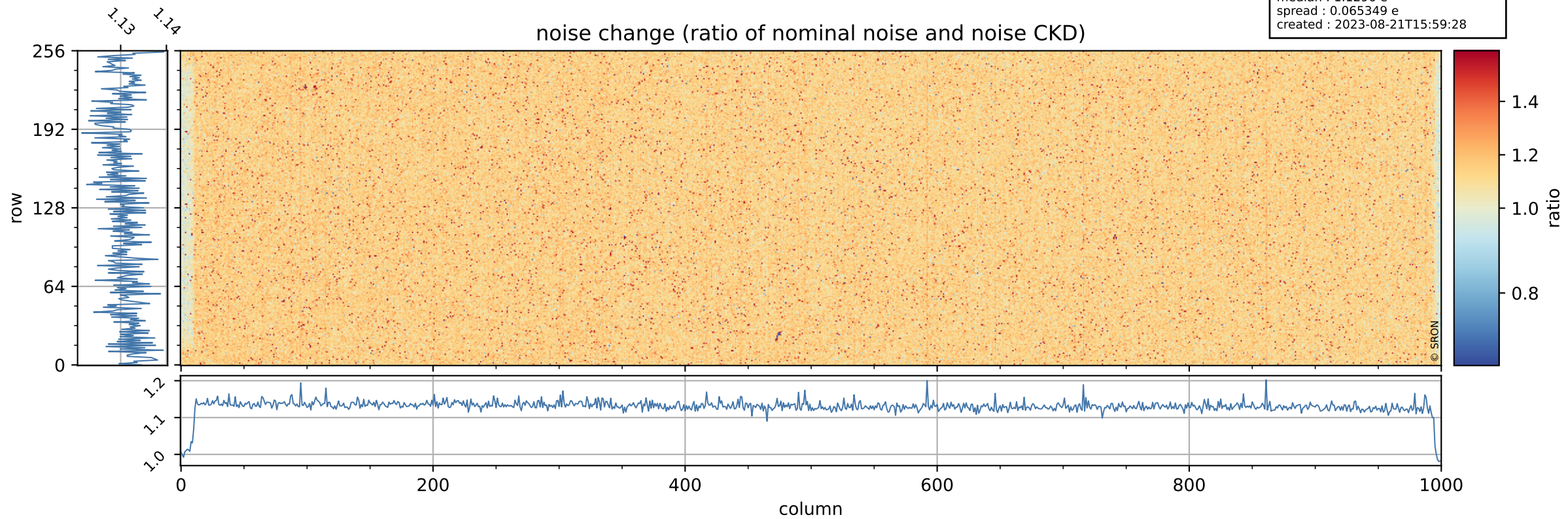
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
median : 1.0024 e
spread : 0.0090848 e
created : 2023-08-21T15:59:27



Tropomi SWIR background noise (swir)

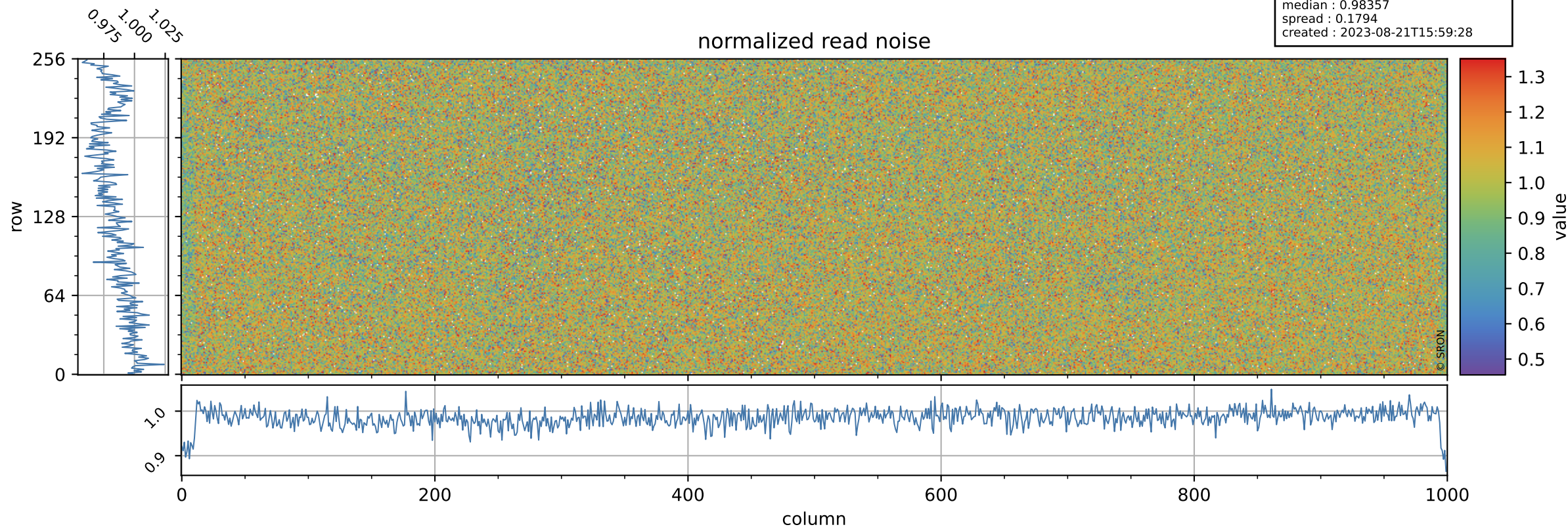
orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
median : 1.1296 e
spread : 0.065349 e
created : 2023-08-21T15:59:28



Tropomi SWIR background noise (swir)

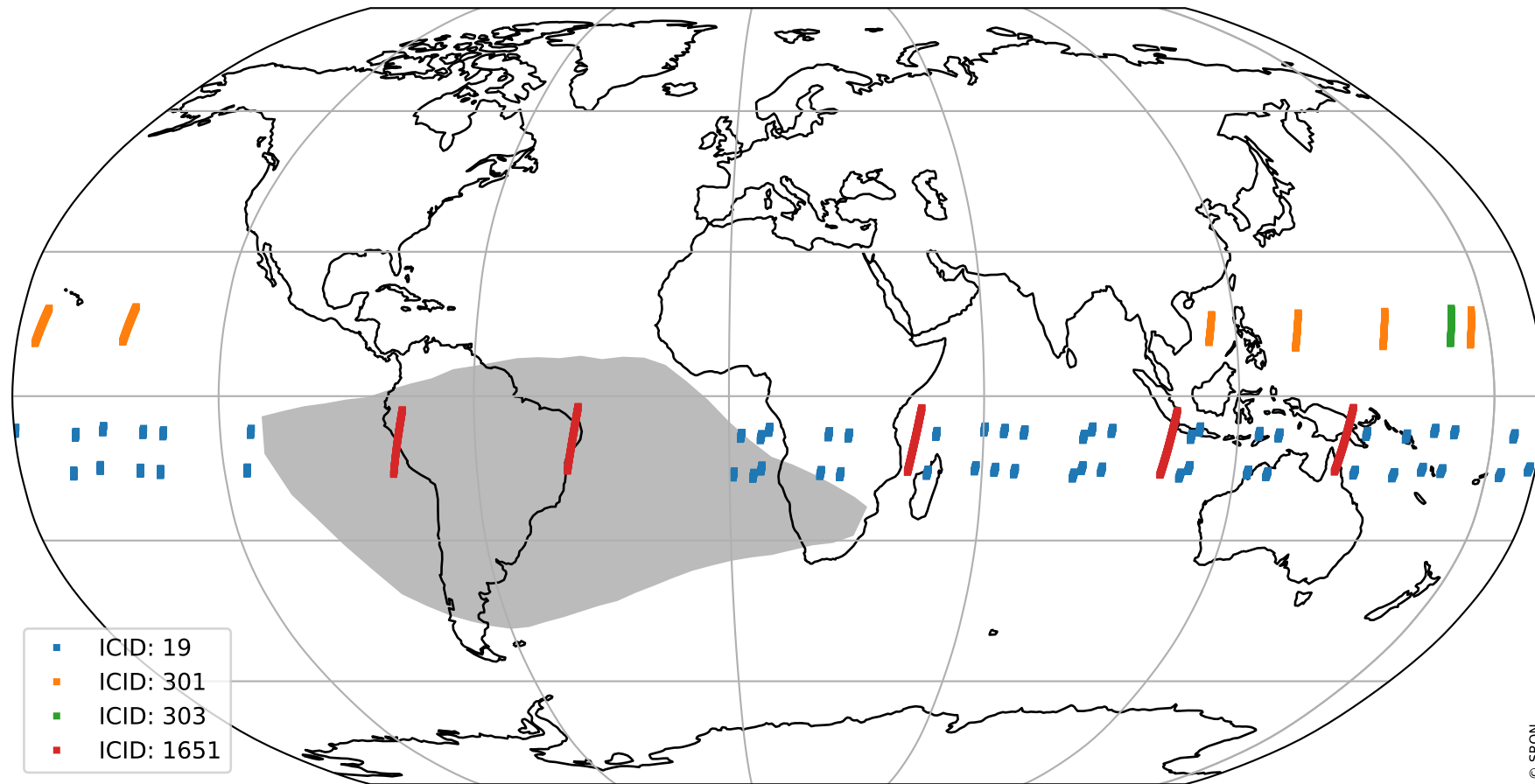
orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
median : 0.98357
spread : 0.1794
created : 2023-08-21T15:59:28

normalized read noise



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

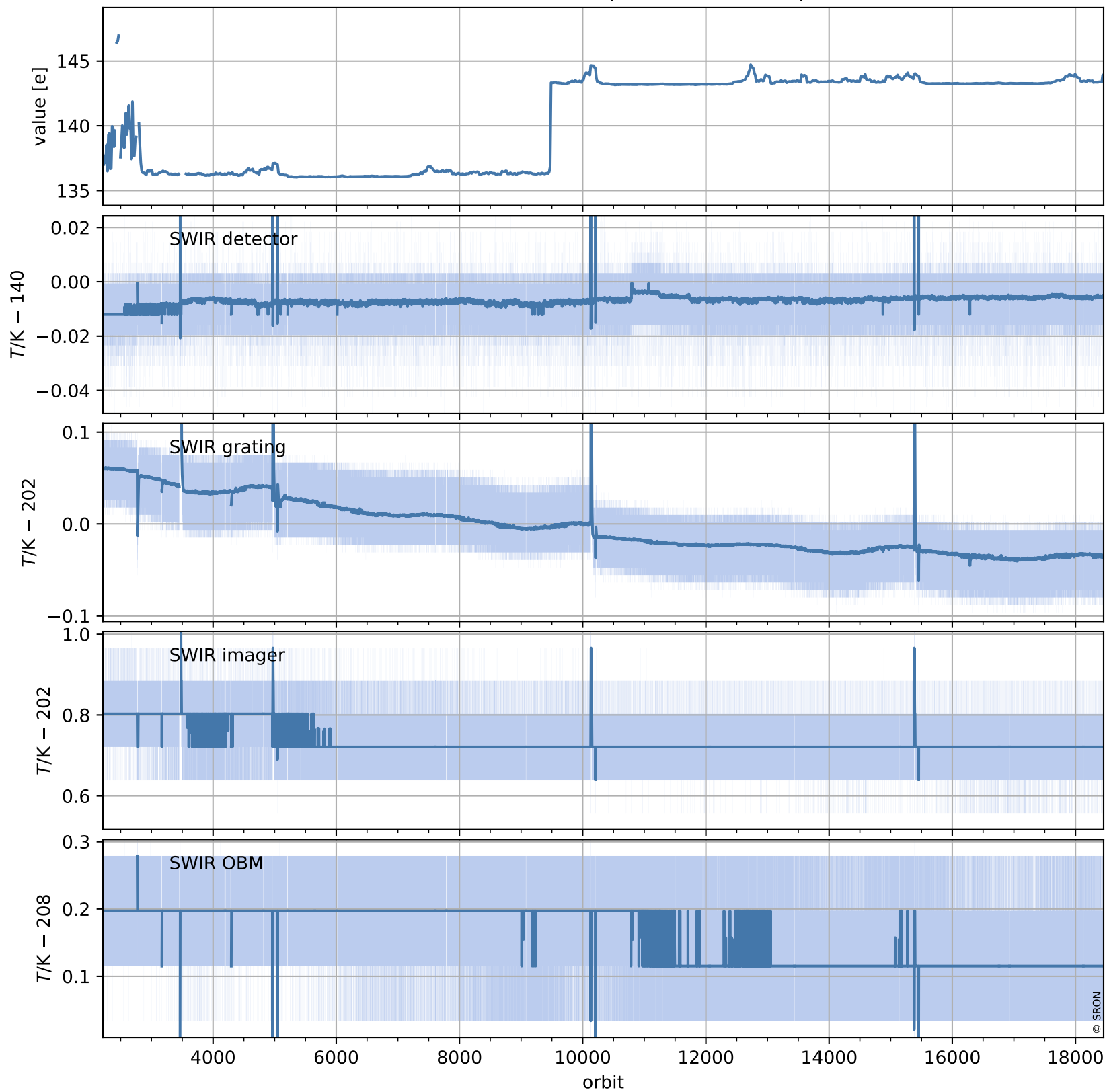
orbits : 12 in [18382, 18457]
coverage : 2021-04-30 / 2021-05-05
created : 2023-08-21T15:59:28



Tropomi SWIR background noise (swir)

orbits : [2212, 18457]
coverage : 2018-03-18 / 2021-05-05
created : 2023-08-21T15:59:29

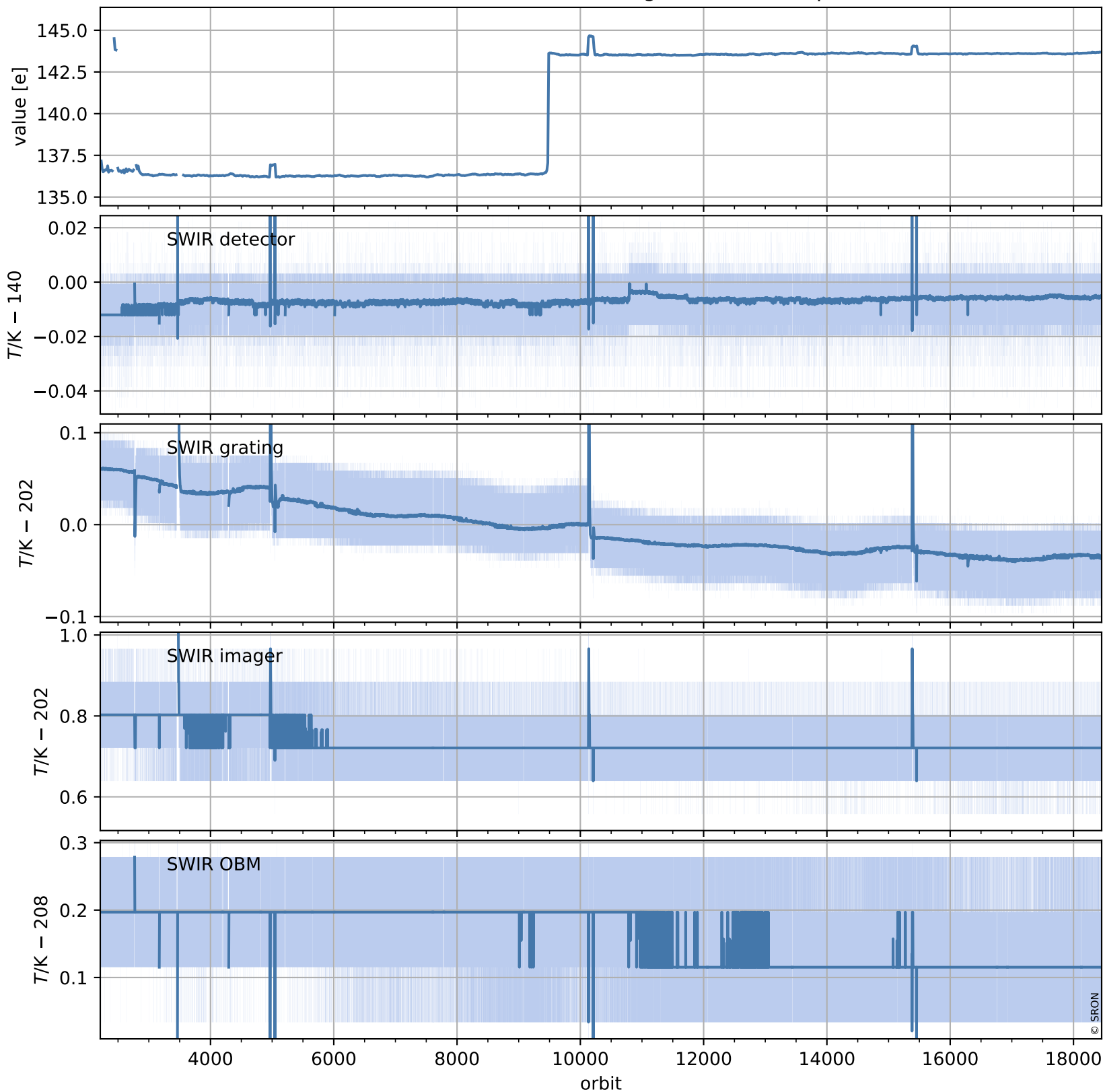
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18457]
coverage : 2018-03-18 / 2021-05-05
created : 2023-08-21T15:59:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18457]
coverage : 2018-03-18 / 2021-05-05
created : 2023-08-21T15:59:30

trend of normalized read-noise & temperatures

