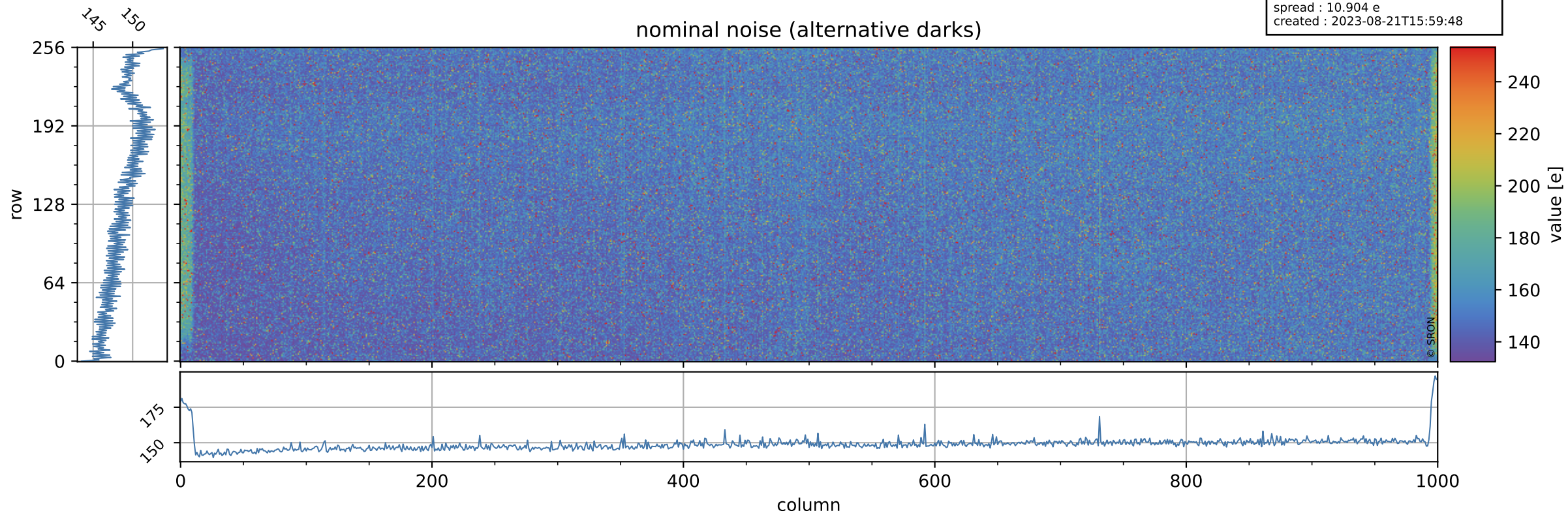


Tropomi SWIR background noise (swir)

orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.904 e
created : 2023-08-21T15:59:48

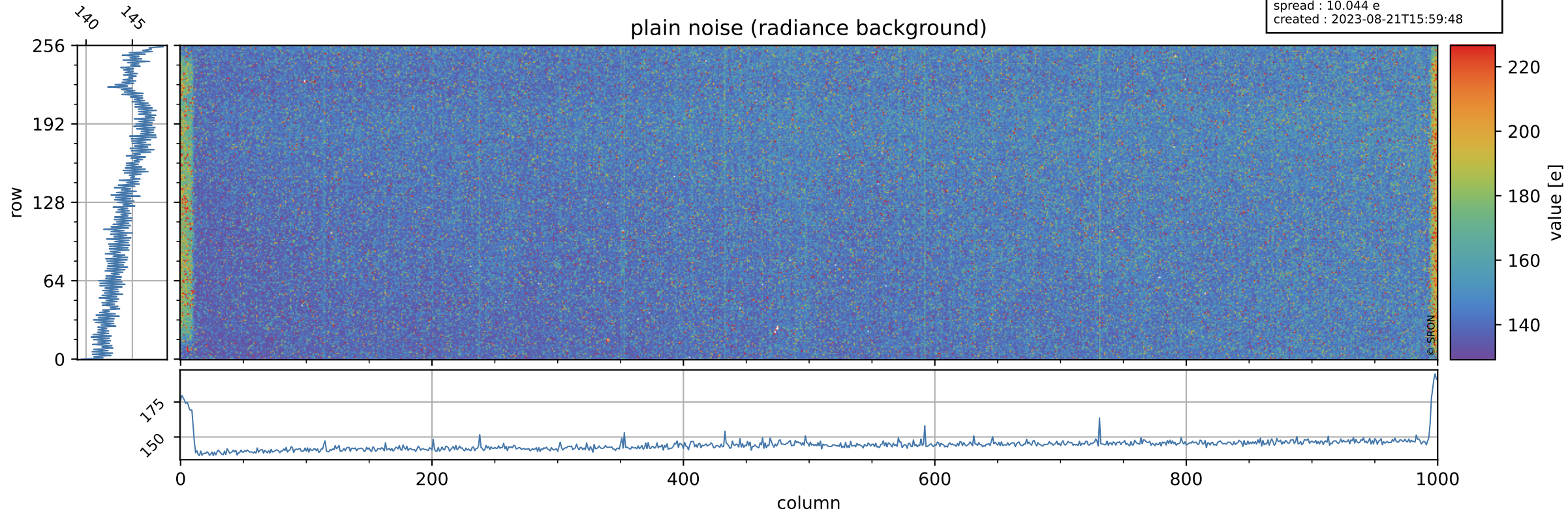
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
n_coad, t_exp : 1, 0.8383
median : 144.17 e
spread : 10.044 e
created : 2023-08-21T15:59:48

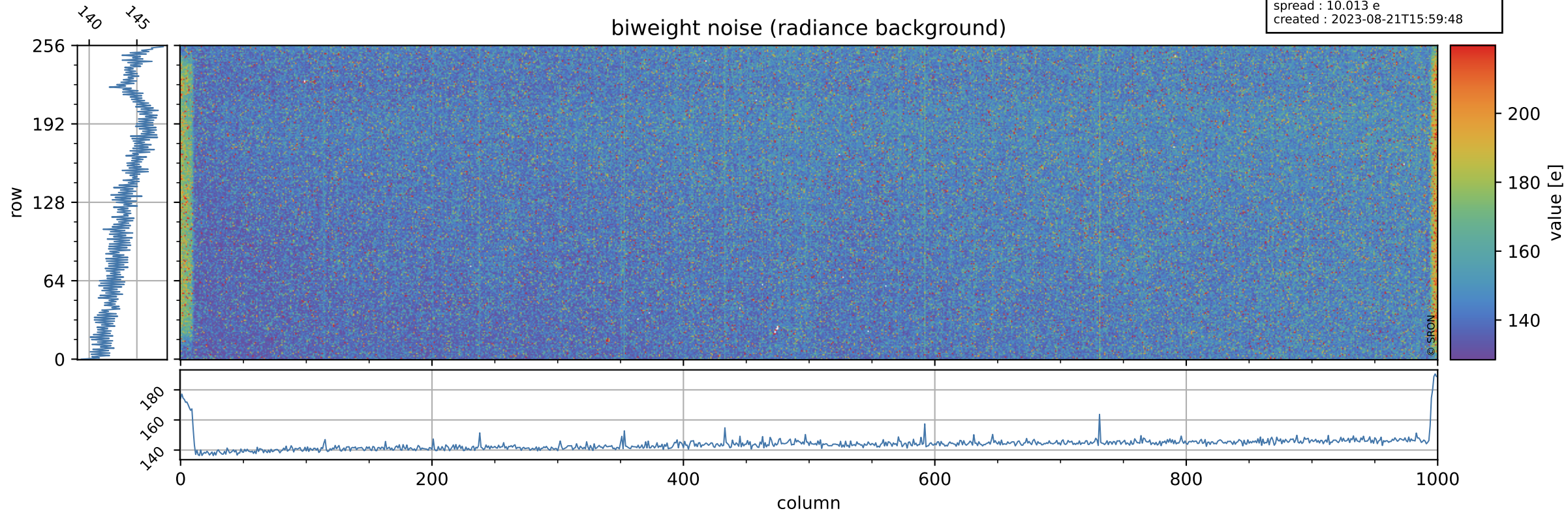
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 10.013 e
created : 2023-08-21T15:59:48

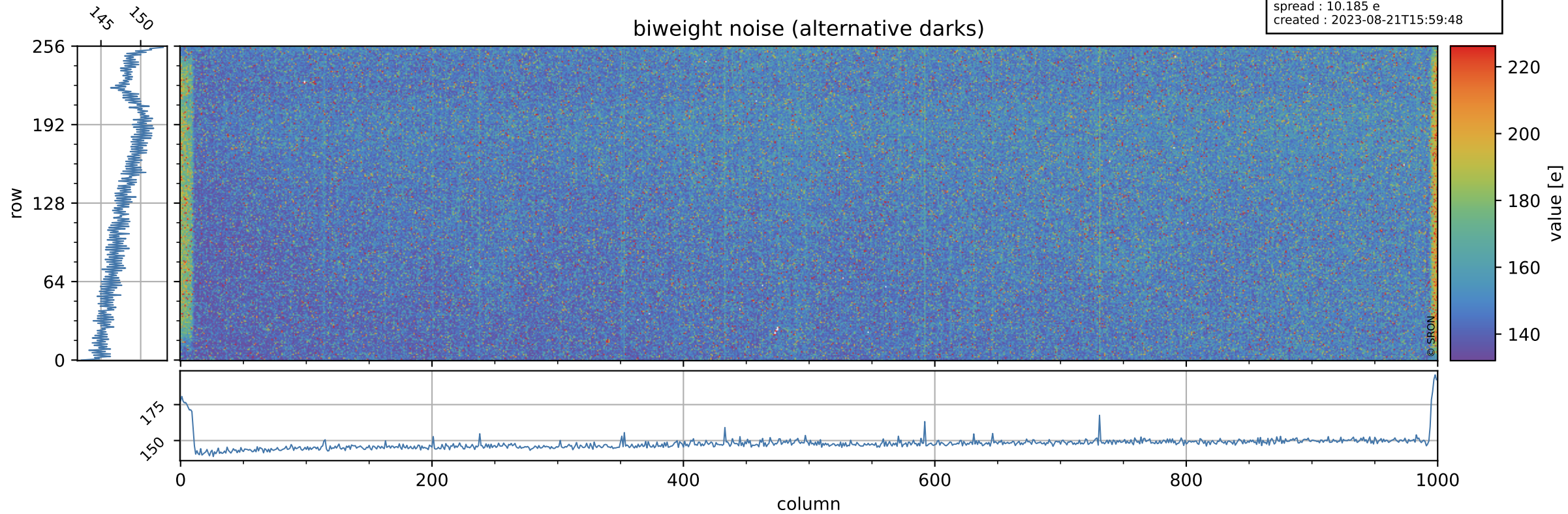
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.185 e
created : 2023-08-21T15:59:48

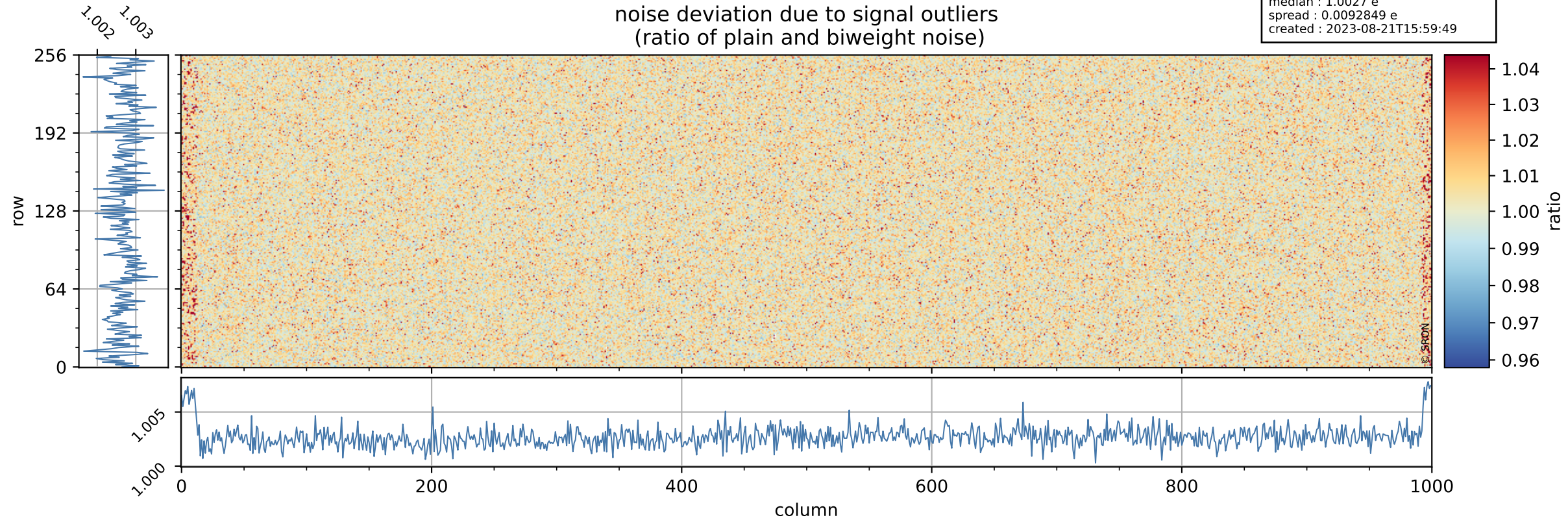
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

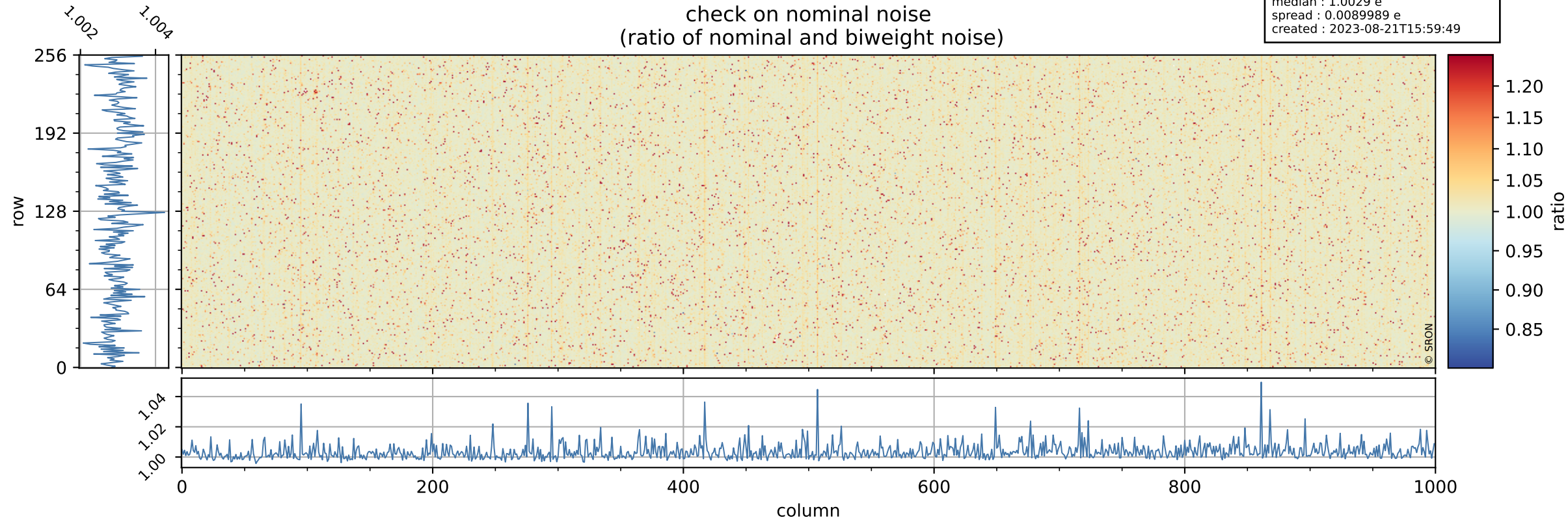
orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
median : 1.0027 e
spread : 0.0092849 e
created : 2023-08-21T15:59:49



Tropomi SWIR background noise (swir)

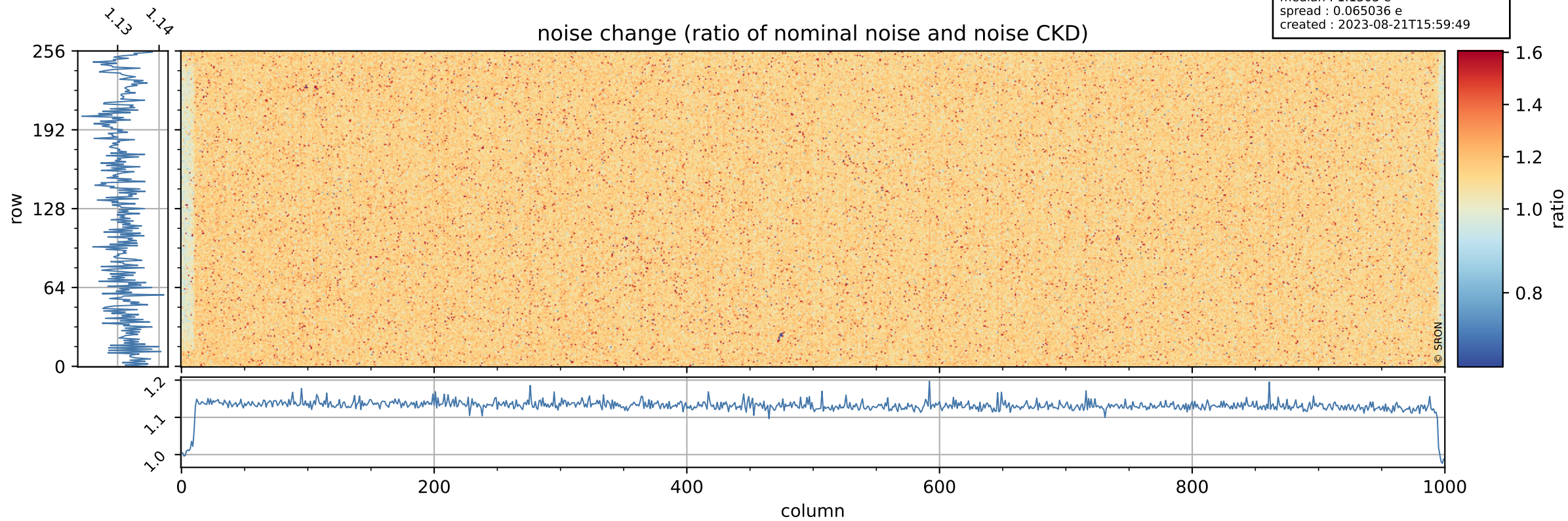
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
median : 1.0029 e
spread : 0.0089989 e
created : 2023-08-21T15:59:49



Tropomi SWIR background noise (swir)

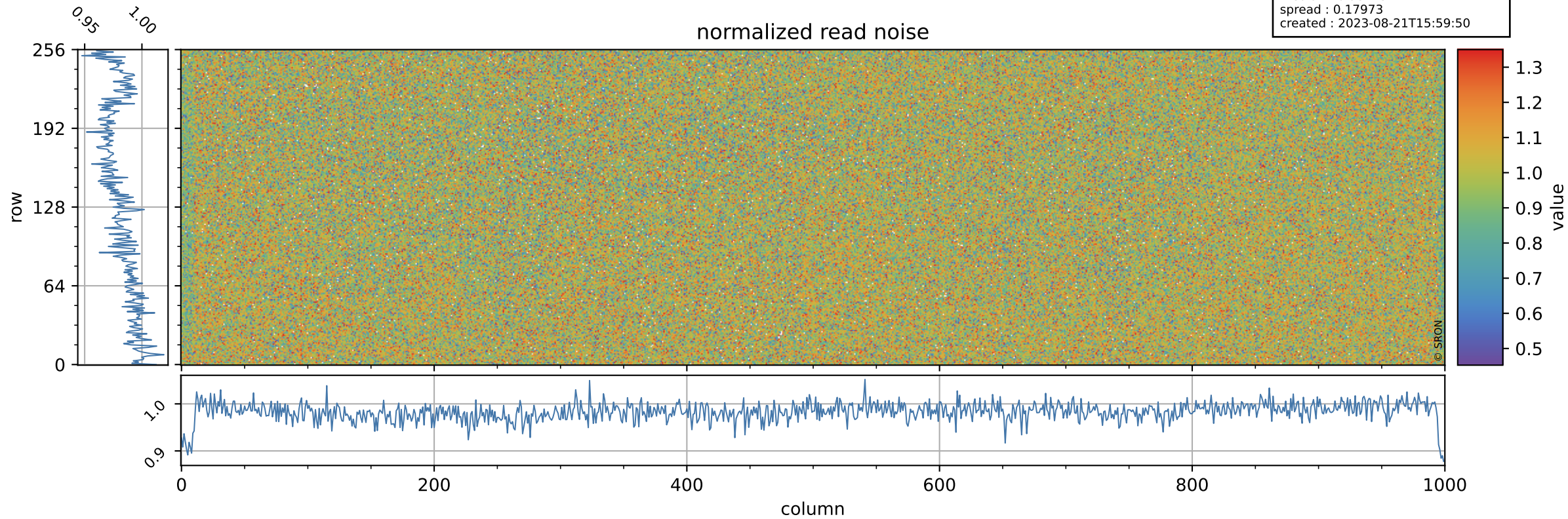
orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
median : 1.1303 e
spread : 0.065036 e
created : 2023-08-21T15:59:49



Tropomi SWIR background noise (swir)

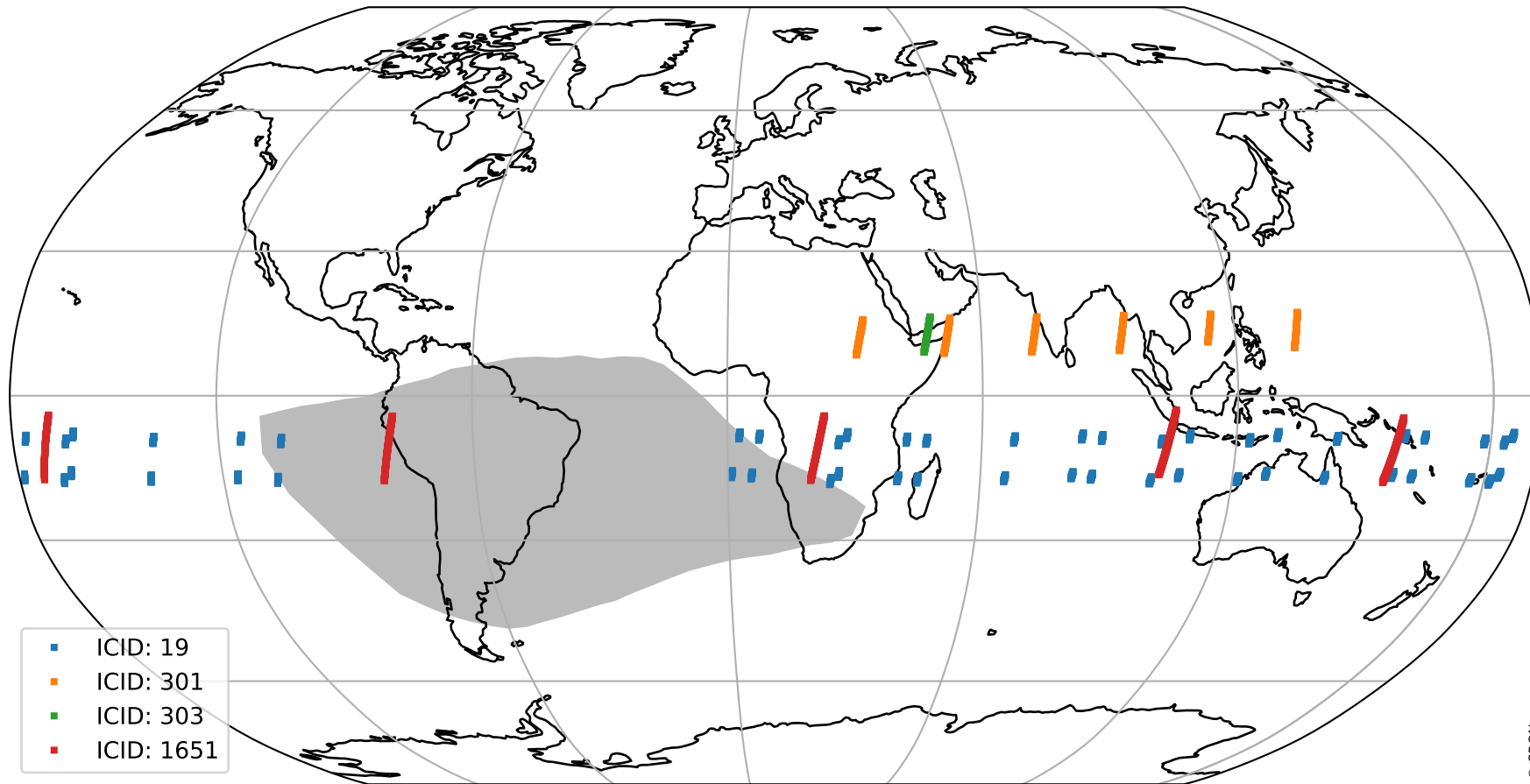
orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
median : 0.98145
spread : 0.17973
created : 2023-08-21T15:59:50

normalized read noise



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

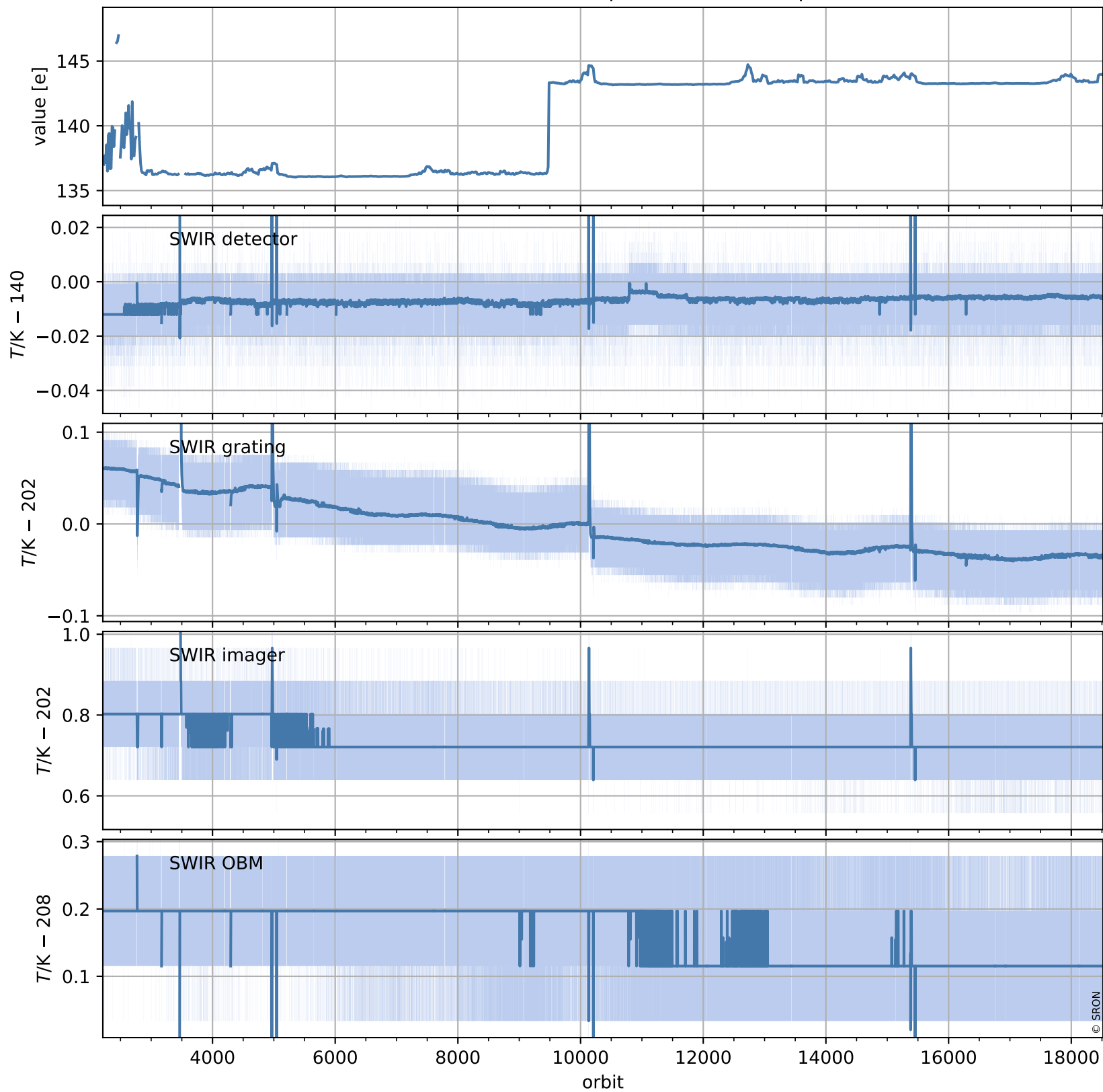
orbits : 12 in [18427, 18517]
coverage : 2021-05-04 / 2021-05-10
created : 2023-08-21T15:59:50



Tropomi SWIR background noise (swir)

orbits : [2212, 18517]
coverage : 2018-03-18 / 2021-05-10
created : 2023-08-21T15:59:50

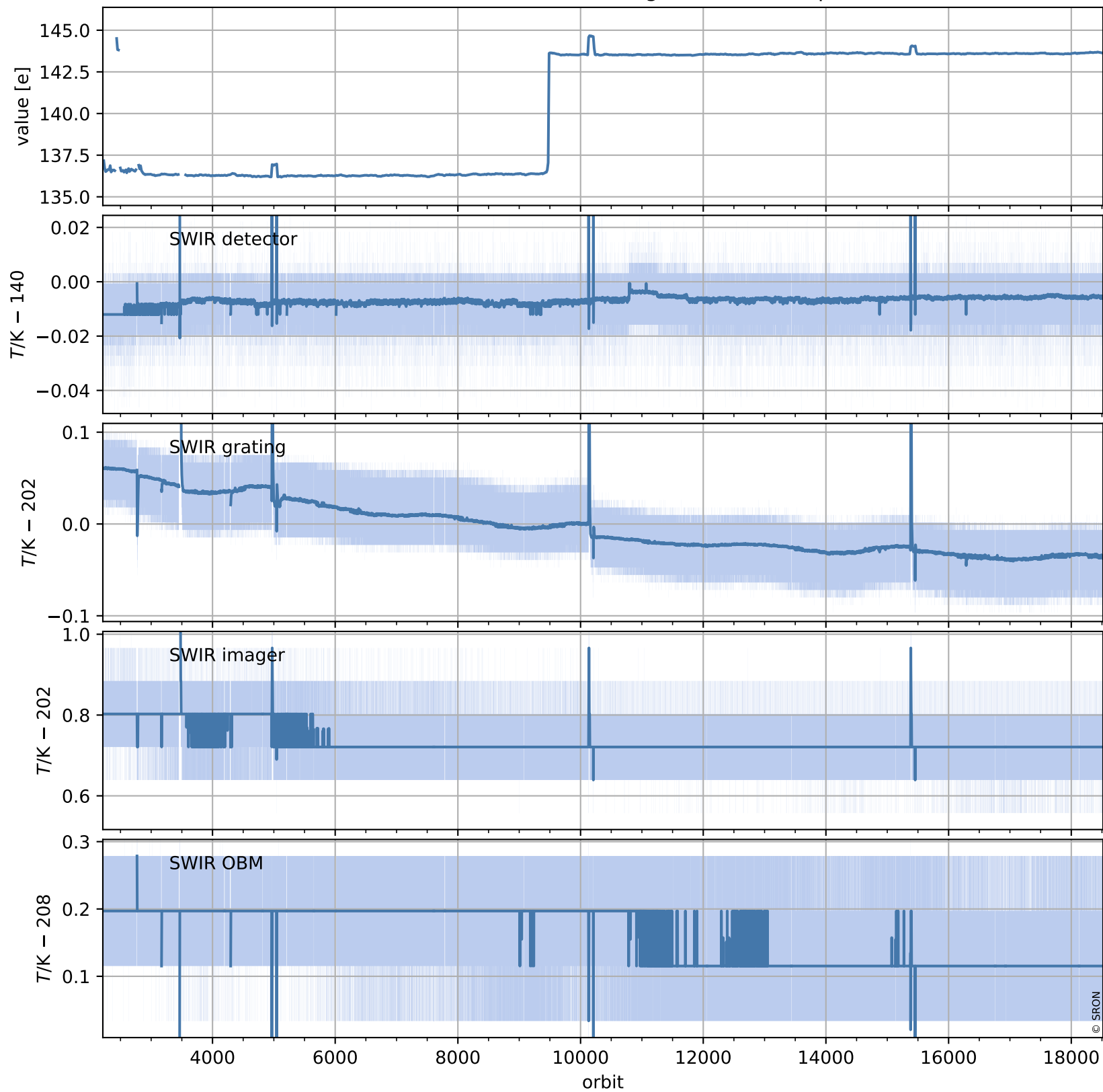
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18517]
coverage : 2018-03-18 / 2021-05-10
created : 2023-08-21T15:59:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18517]
coverage : 2018-03-18 / 2021-05-10
created : 2023-08-21T15:59:52

trend of normalized read-noise & temperatures

