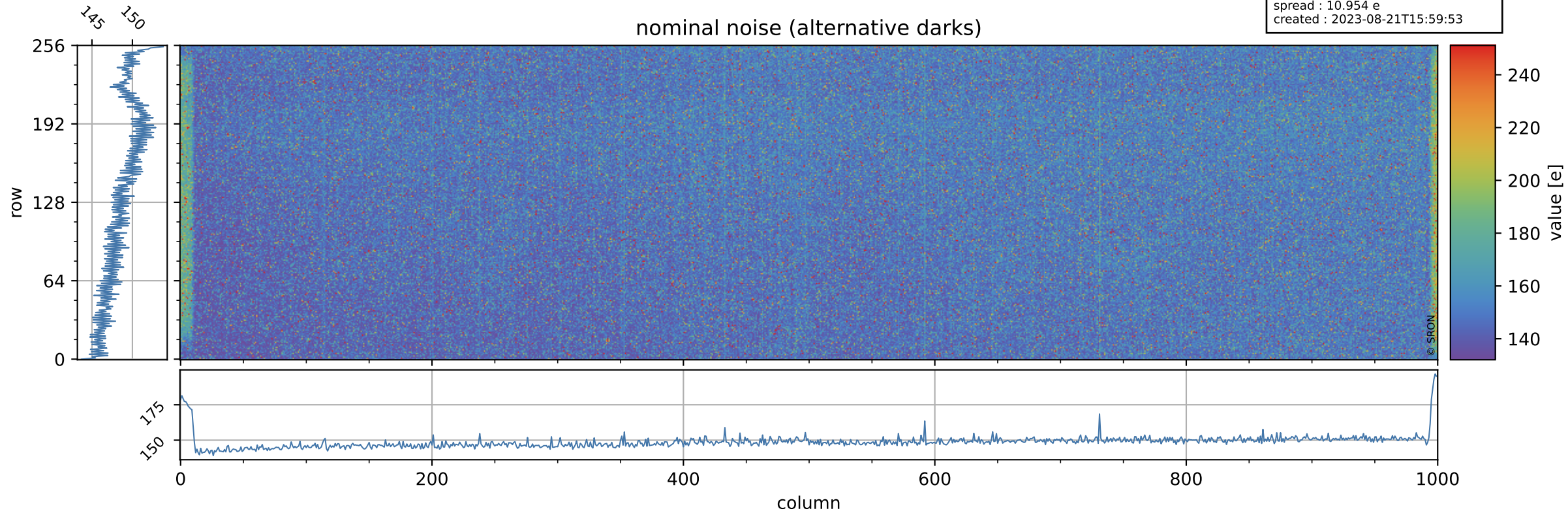


Tropomi SWIR background noise (swir)

orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.954 e
created : 2023-08-21T15:59:53

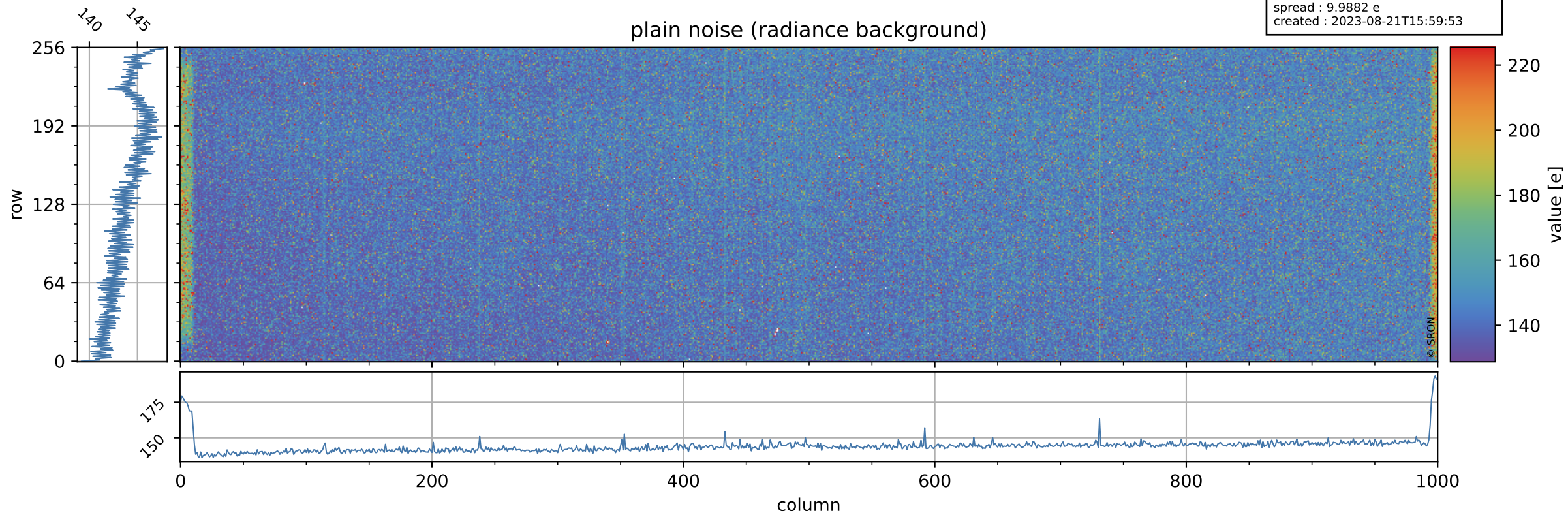
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.9882 e
created : 2023-08-21T15:59:53

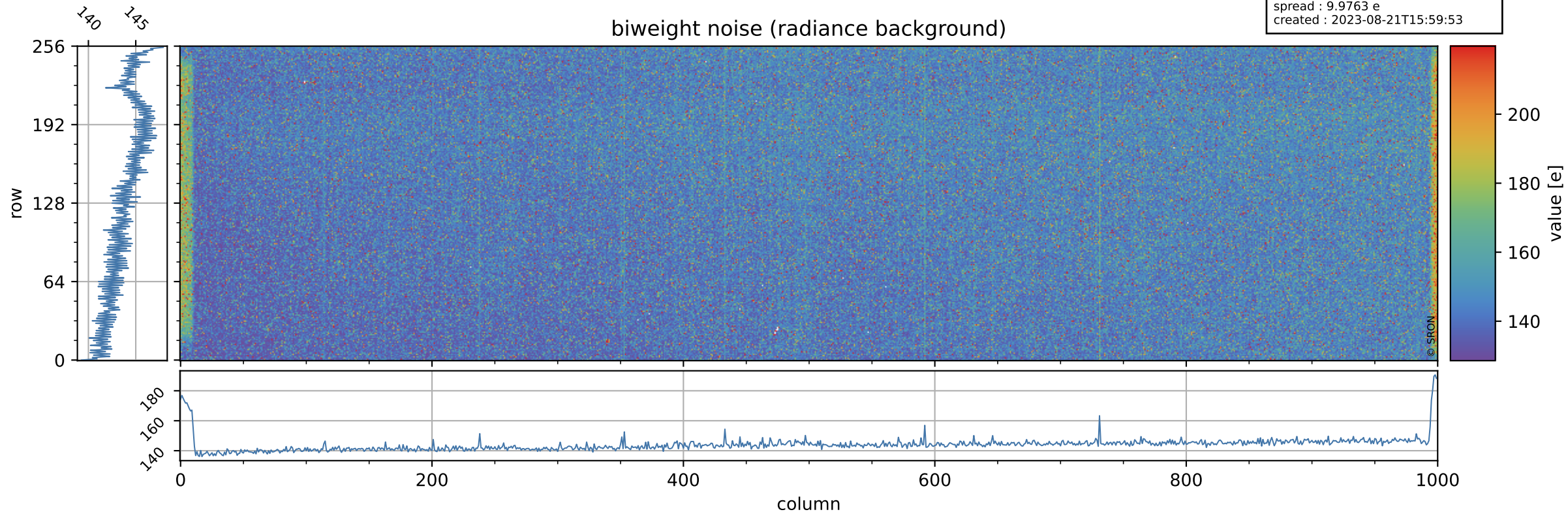
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9763 e
created : 2023-08-21T15:59:53

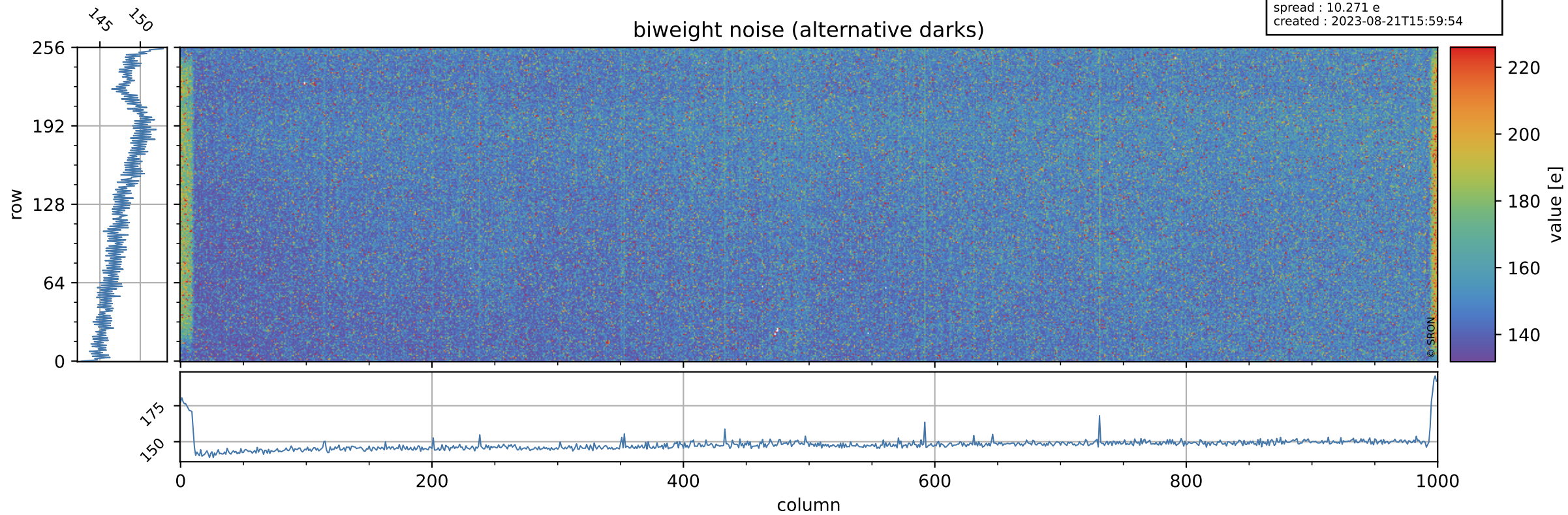
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.271 e
created : 2023-08-21T15:59:54

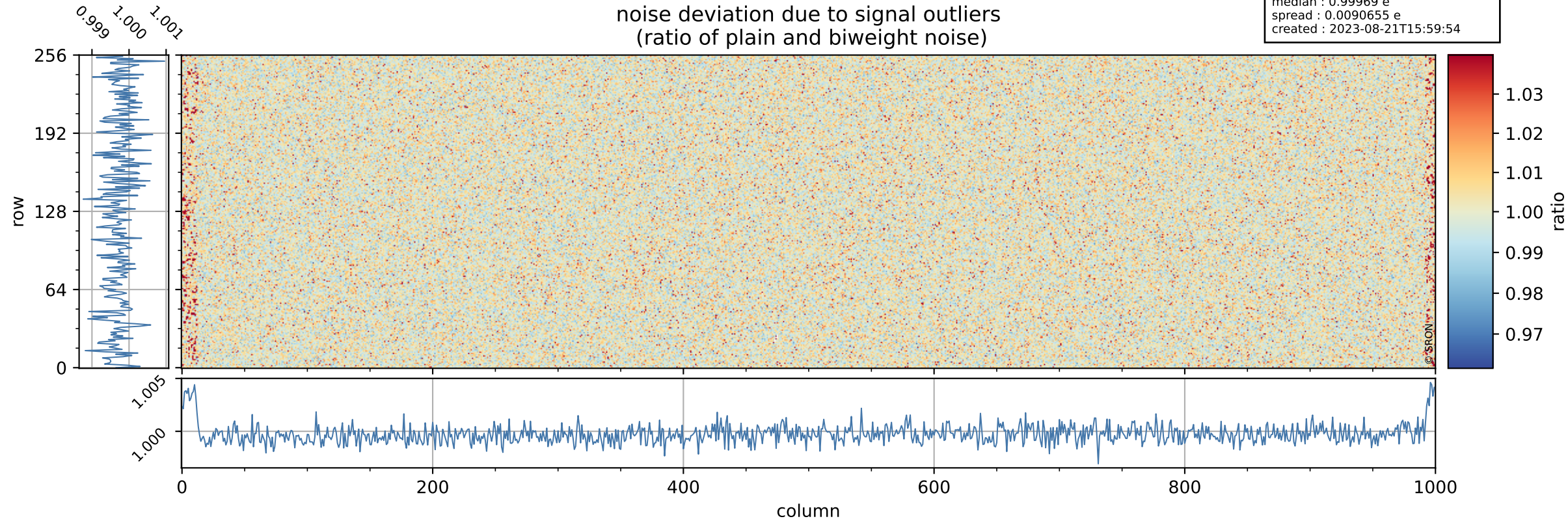
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

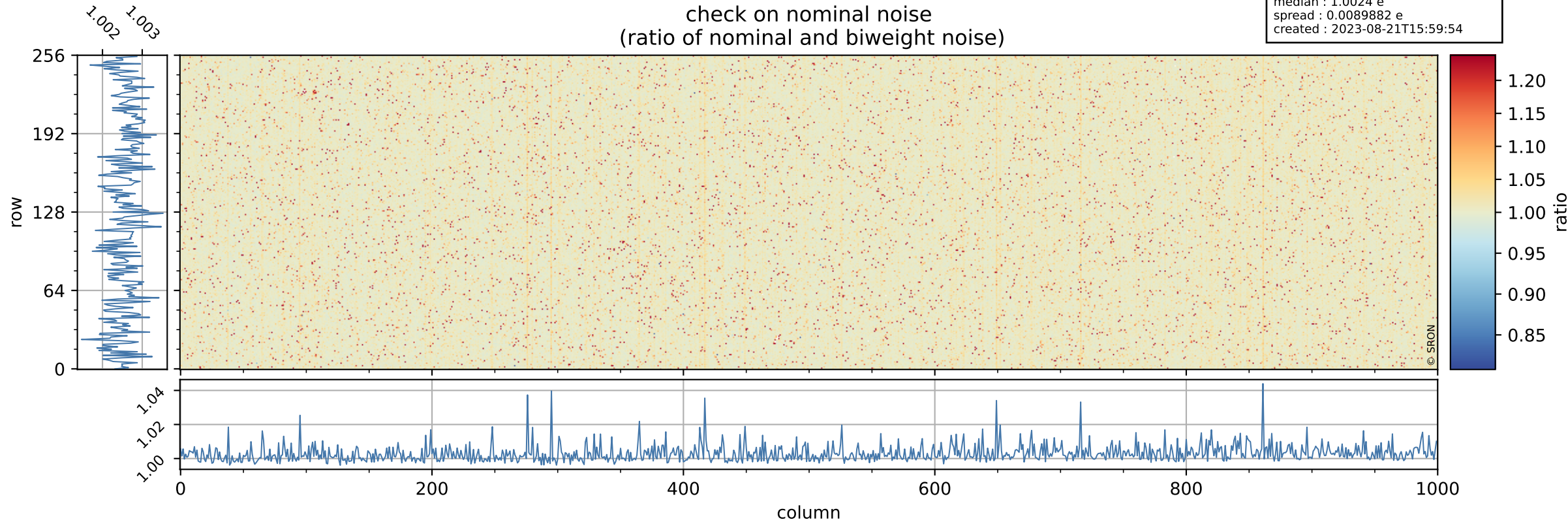
orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
median : 0.99969 e
spread : 0.0090655 e
created : 2023-08-21T15:59:54



Tropomi SWIR background noise (swir)

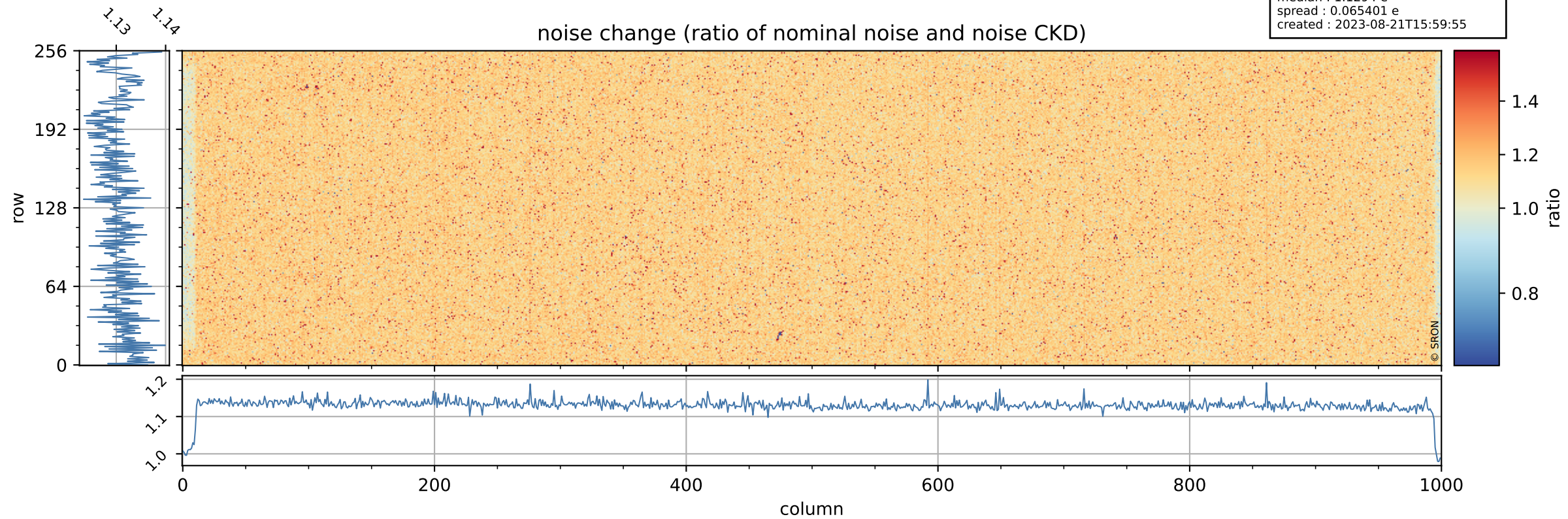
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
median : 1.0024 e
spread : 0.0089882 e
created : 2023-08-21T15:59:54



Tropomi SWIR background noise (swir)

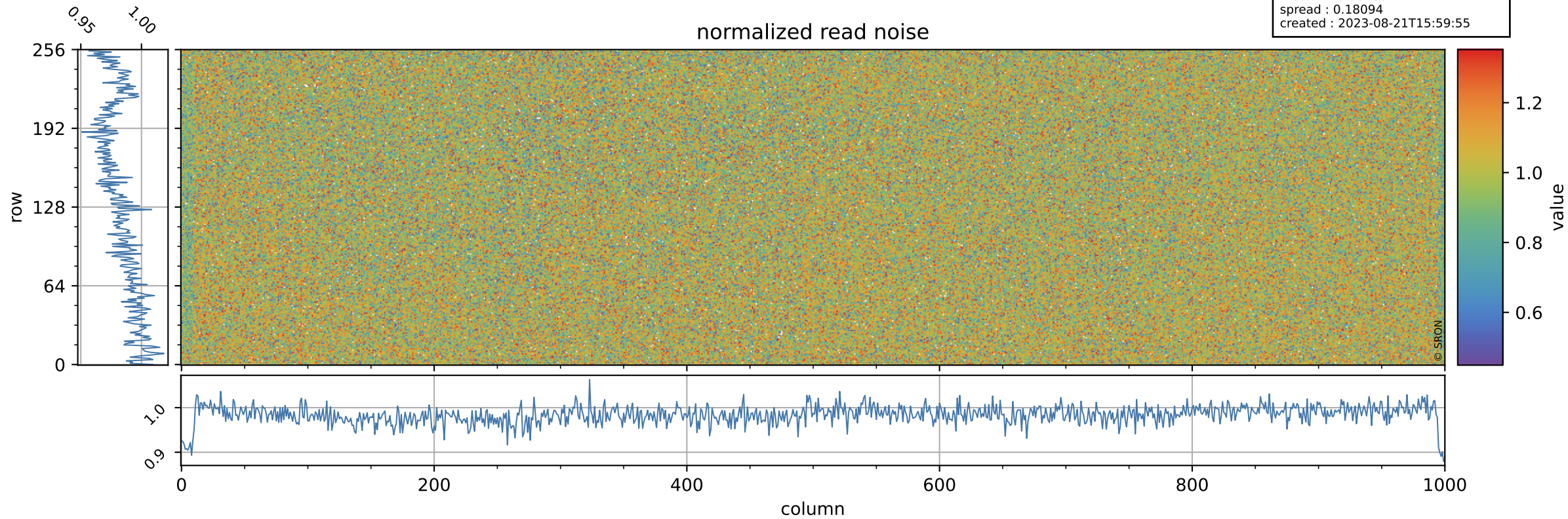
orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
median : 1.1294 e
spread : 0.065401 e
created : 2023-08-21T15:59:55



Tropomi SWIR background noise (swir)

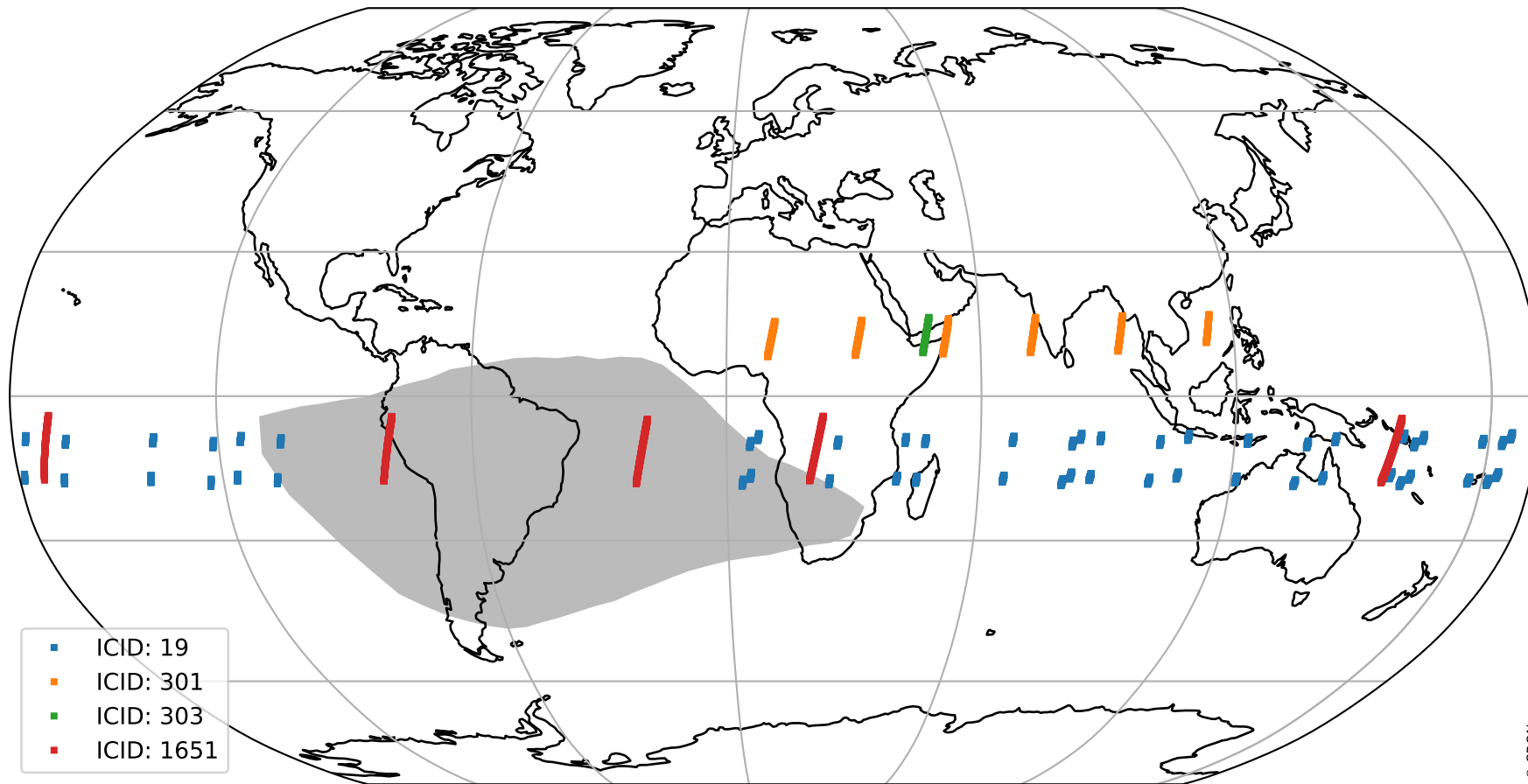
orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
median : 0.98238
spread : 0.18094
created : 2023-08-21T15:59:55

normalized read noise



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

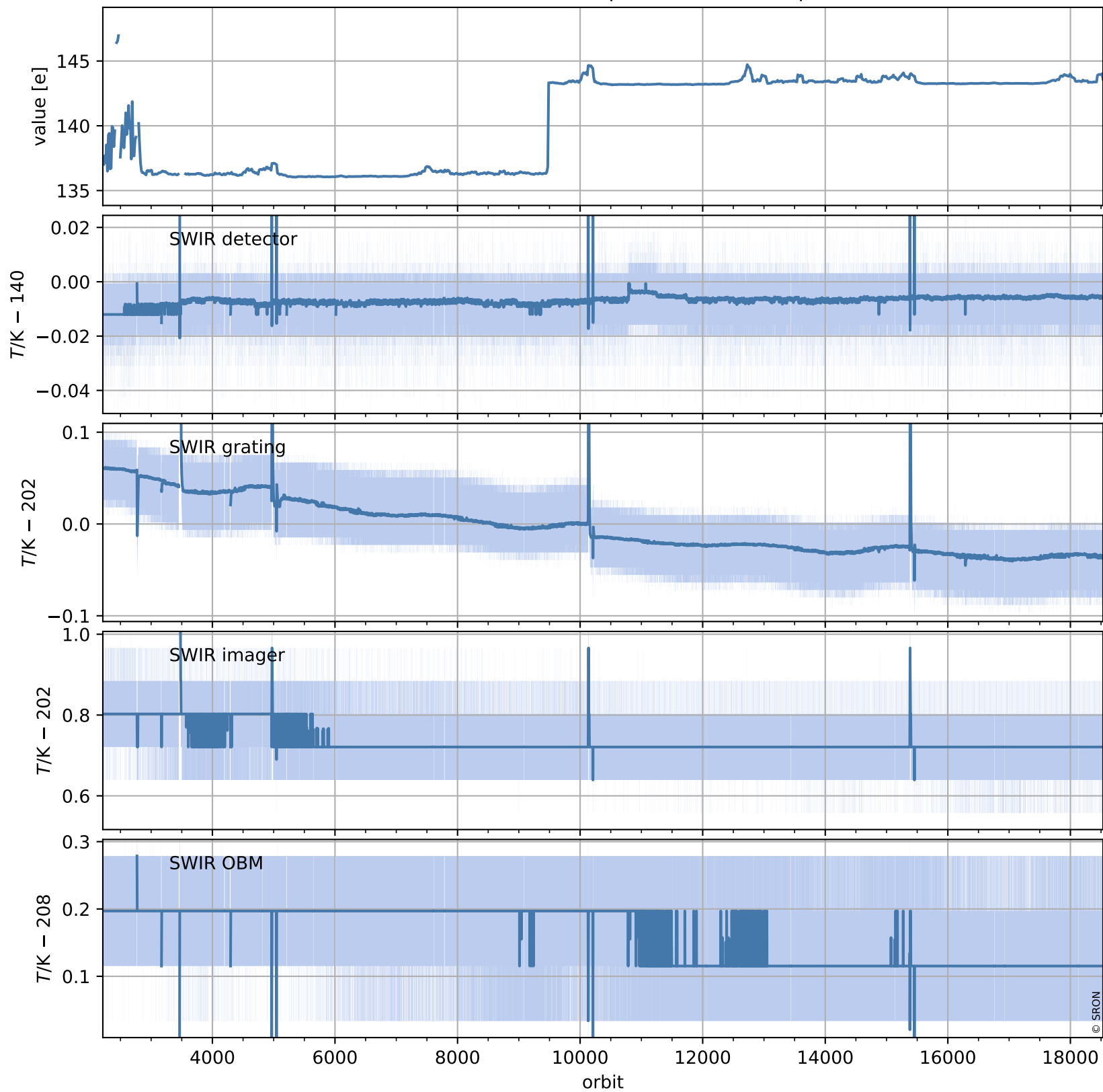
orbits : 12 in [18442, 18532]
coverage : 2021-05-05 / 2021-05-11
created : 2023-08-21T15:59:55



Tropomi SWIR background noise (swir)

orbits : [2212, 18532]
coverage : 2018-03-18 / 2021-05-11
created : 2023-08-21T15:59:56

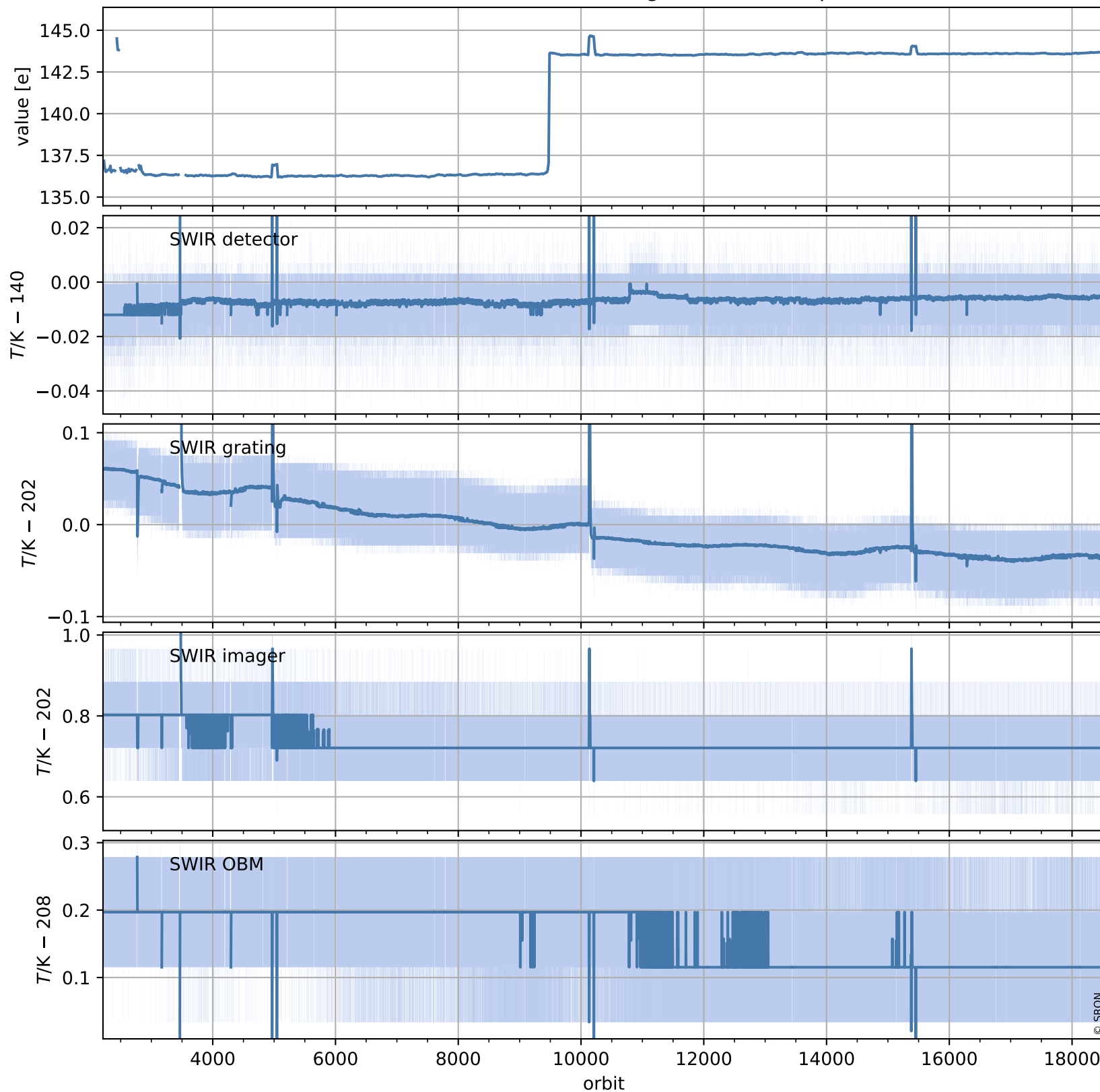
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18532]
coverage : 2018-03-18 / 2021-05-11
created : 2023-08-21T15:59:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18532]
coverage : 2018-03-18 / 2021-05-11
created : 2023-08-21T15:59:57

trend of normalized read-noise & temperatures

