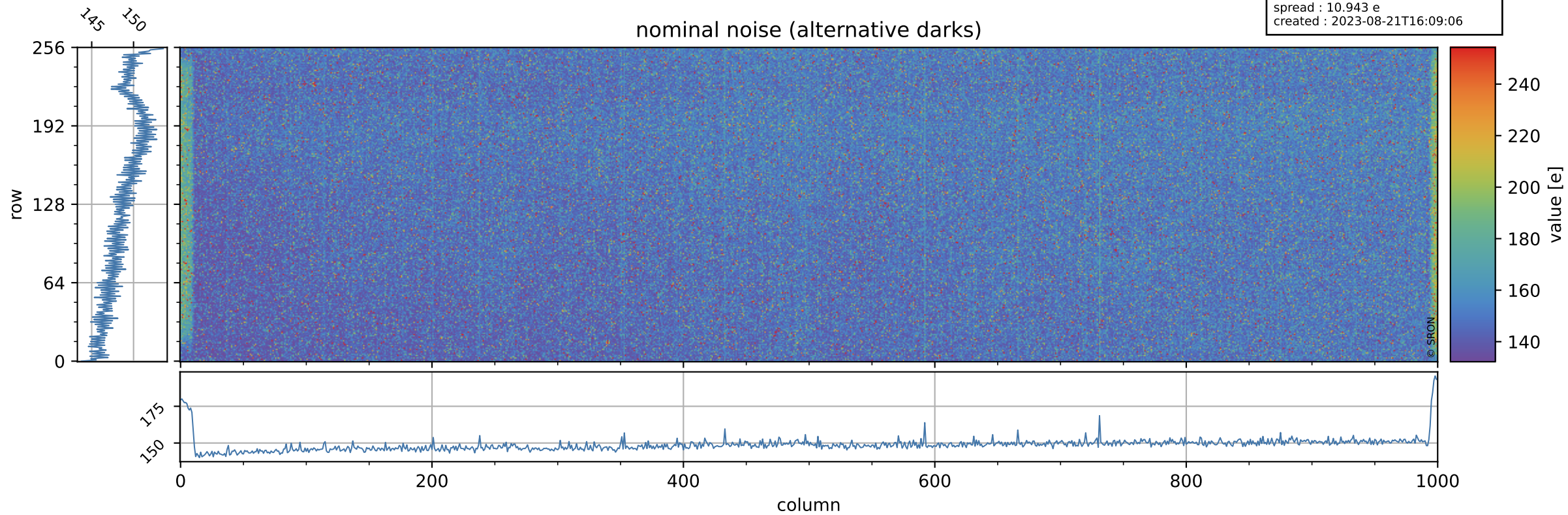


Tropomi SWIR background noise (swir)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.943 e
created : 2023-08-21T16:09:06

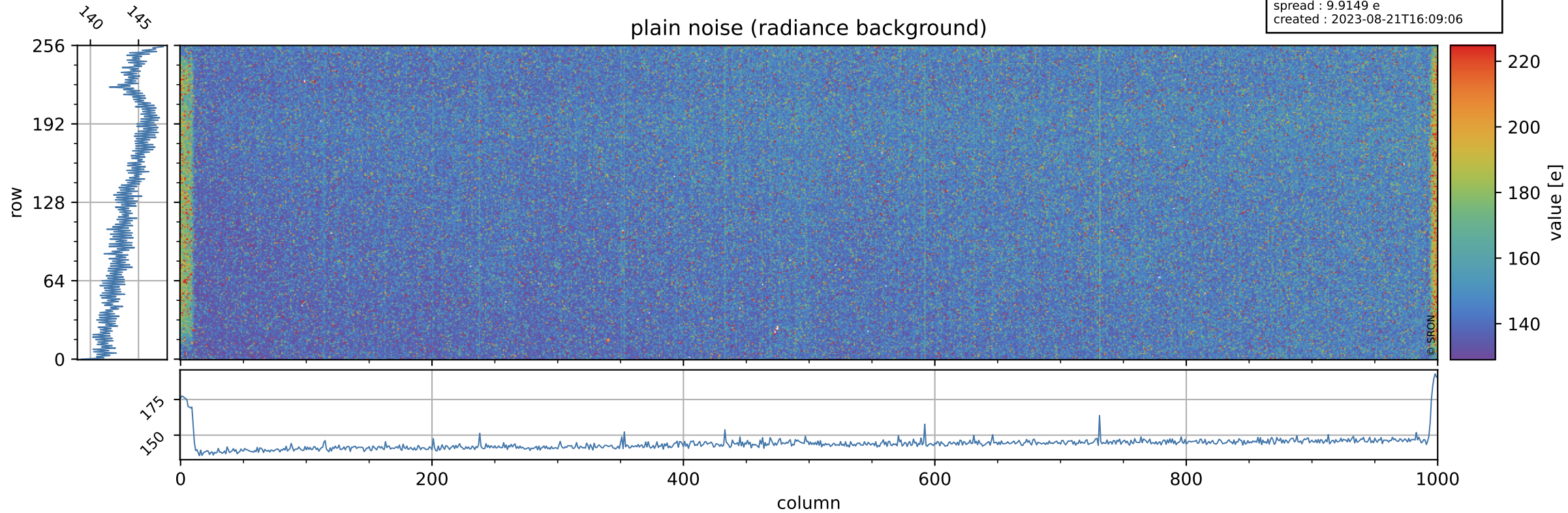
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9149 e
created : 2023-08-21T16:09:06

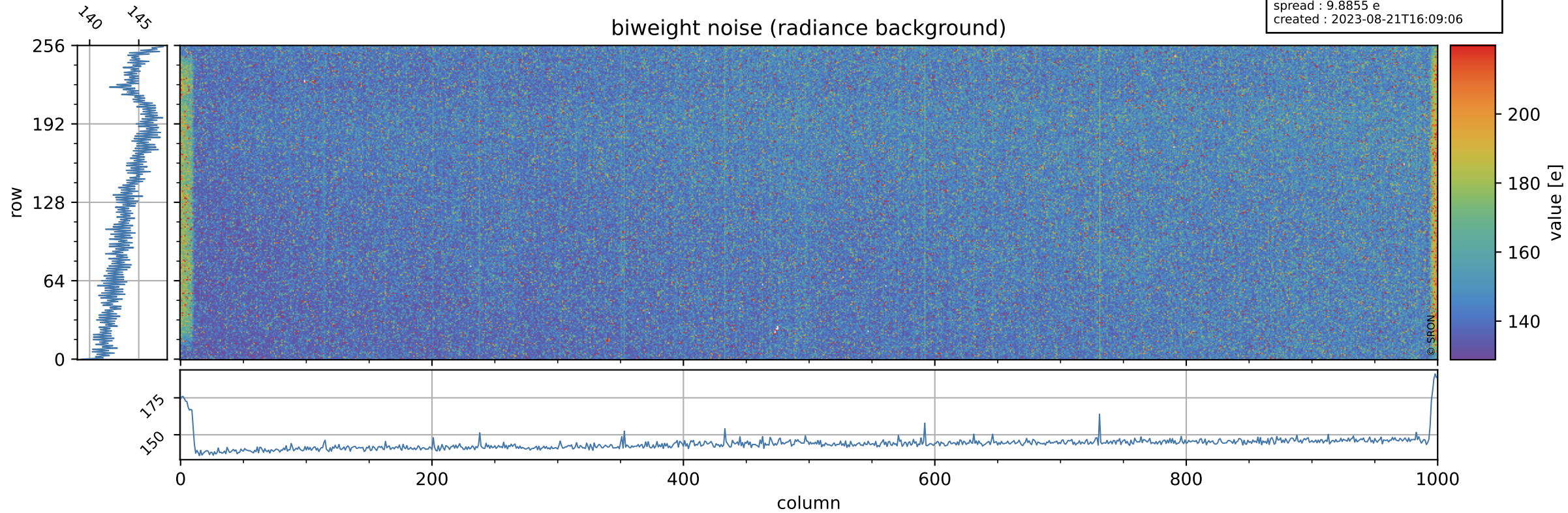
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8855 e
created : 2023-08-21T16:09:06

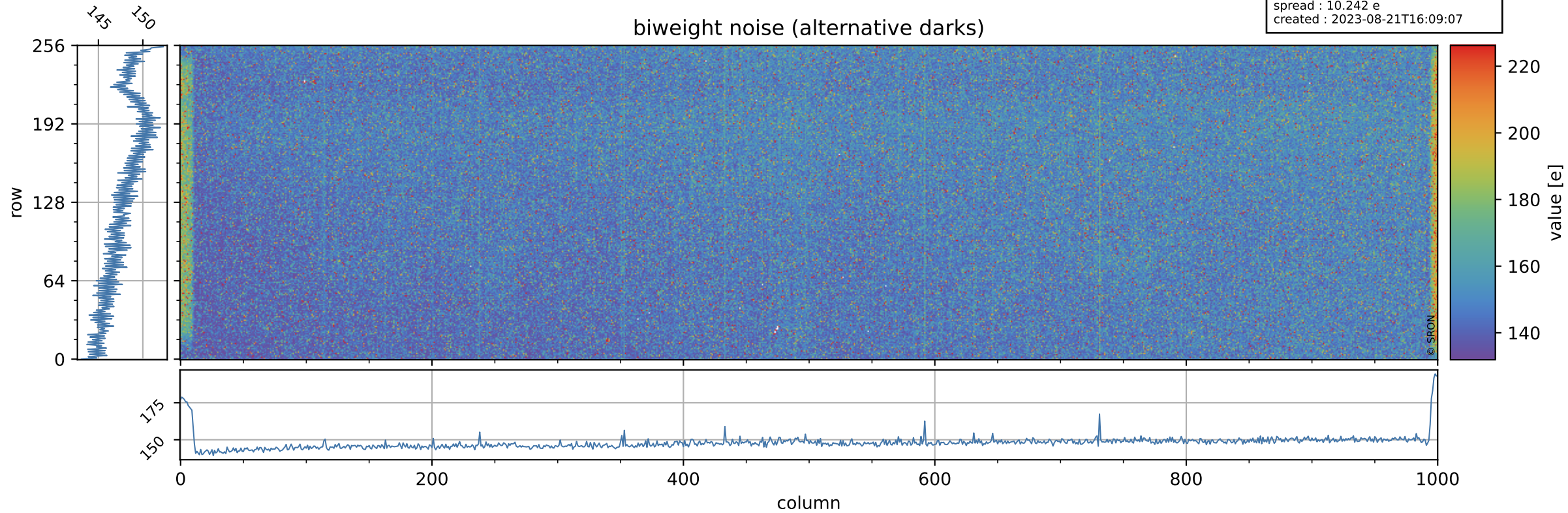
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.242 e
created : 2023-08-21T16:09:07

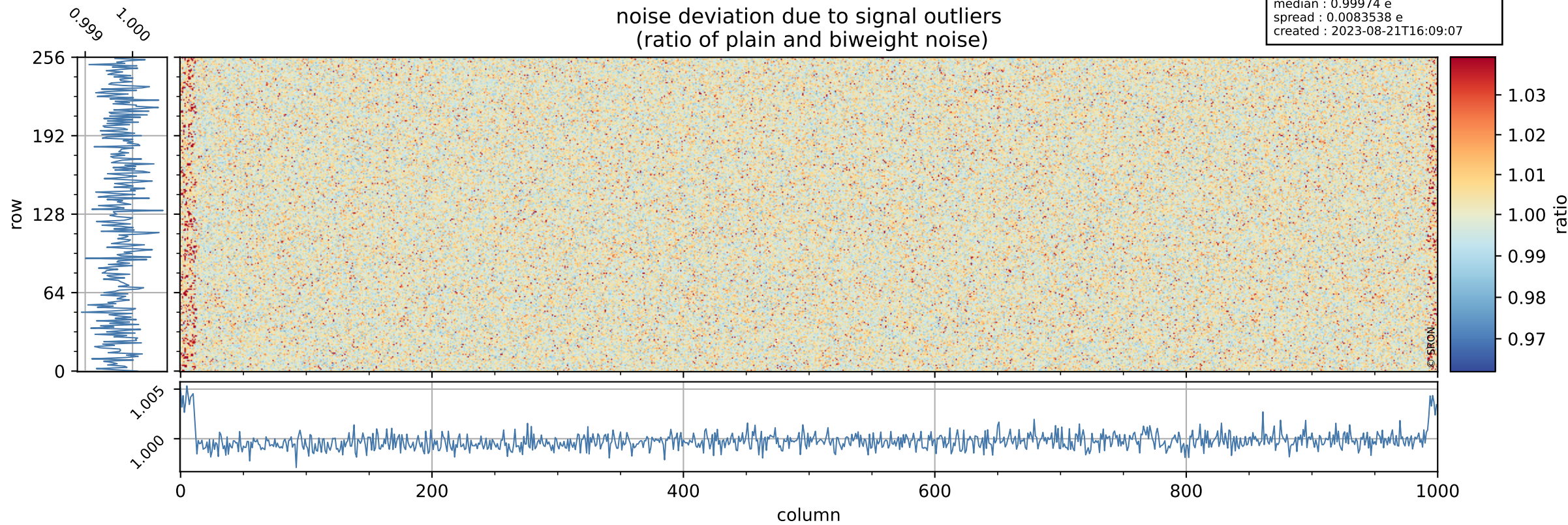
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

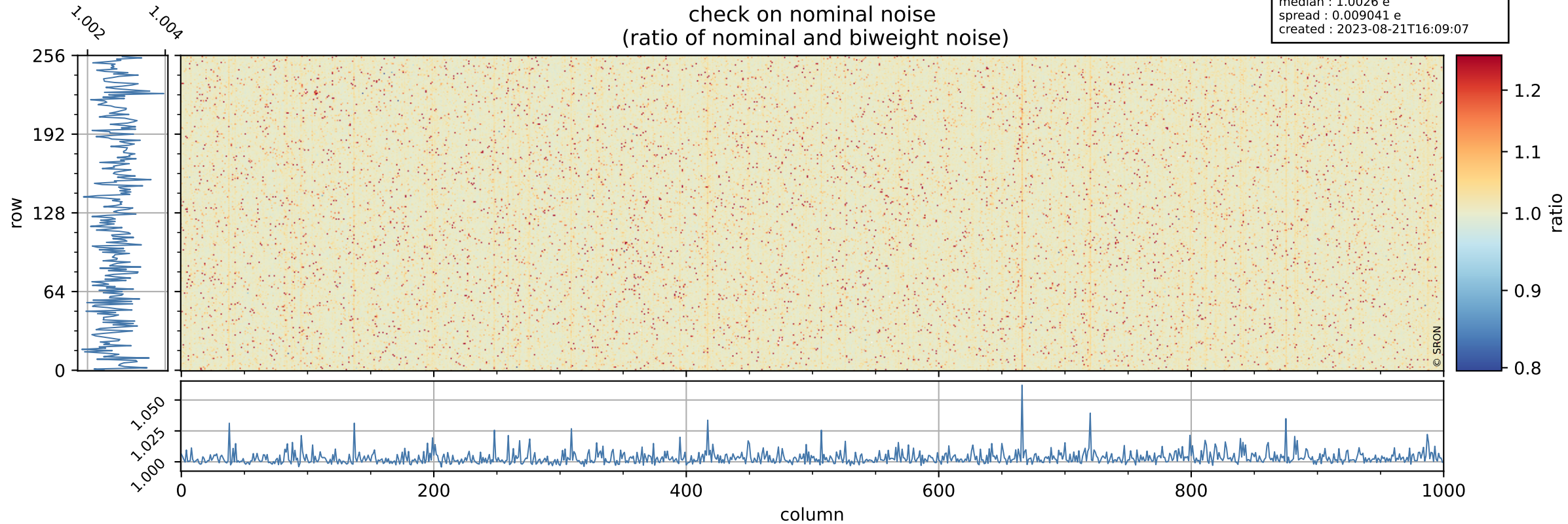
orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
median : 0.99974 e
spread : 0.0083538 e
created : 2023-08-21T16:09:07



Tropomi SWIR background noise (swir)

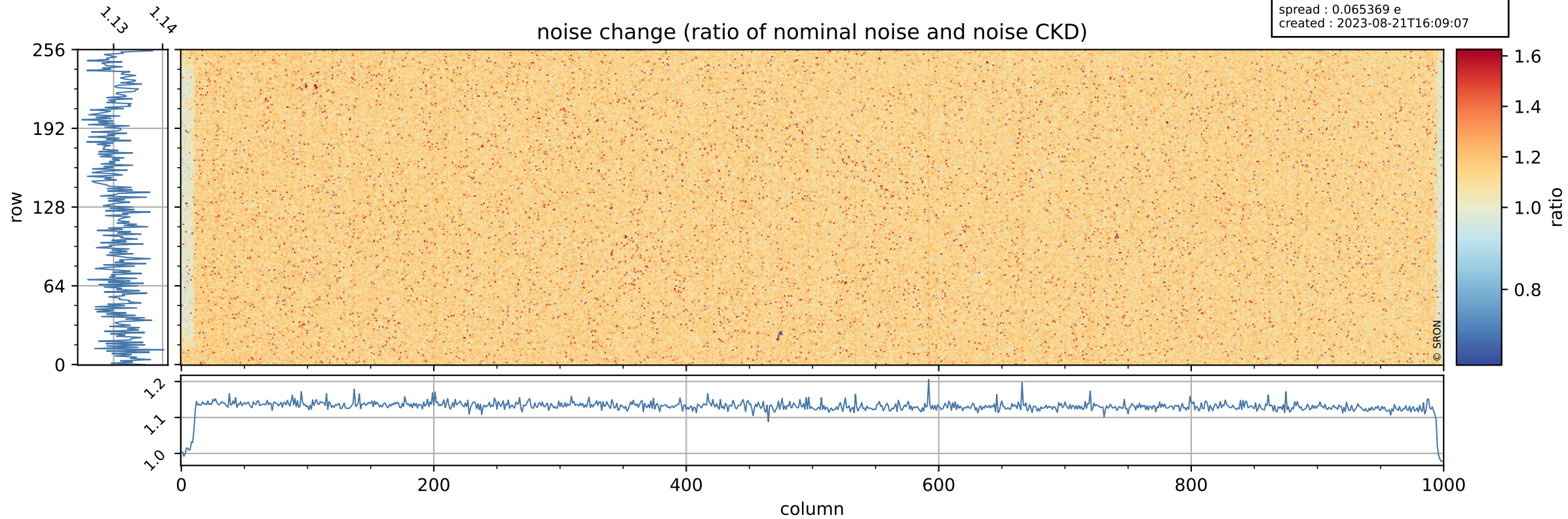
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
median : 1.0026 e
spread : 0.009041 e
created : 2023-08-21T16:09:07



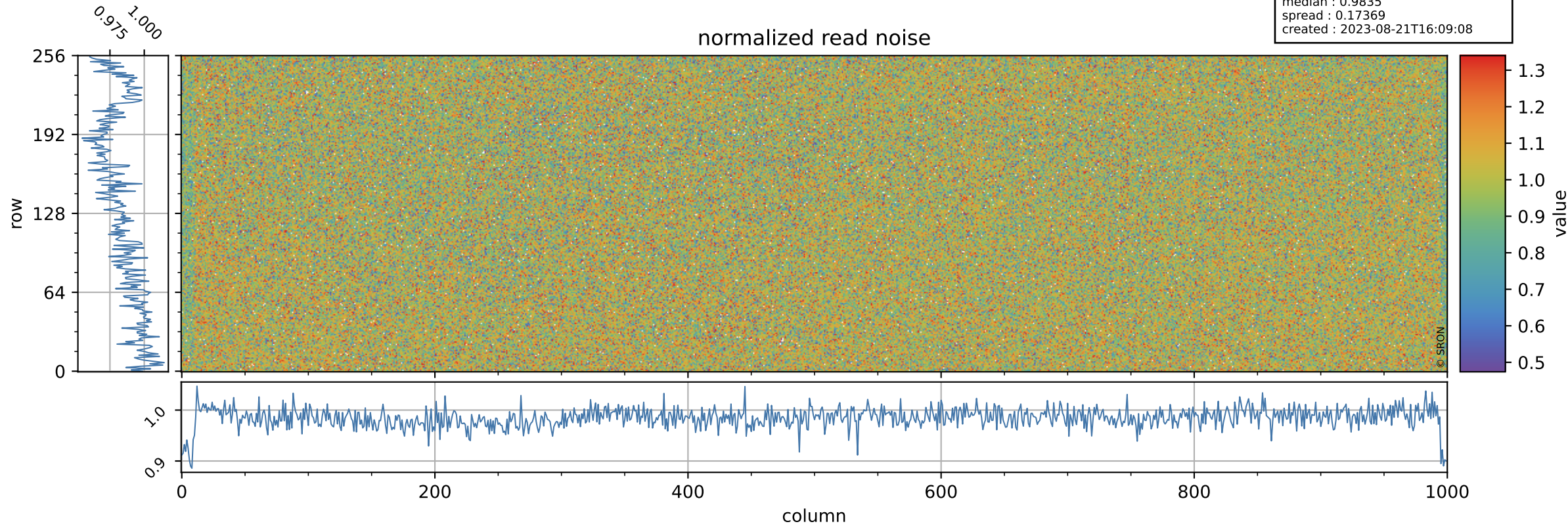
Tropomi SWIR background noise (swir)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
median : 1.1299 e
spread : 0.065369 e
created : 2023-08-21T16:09:07



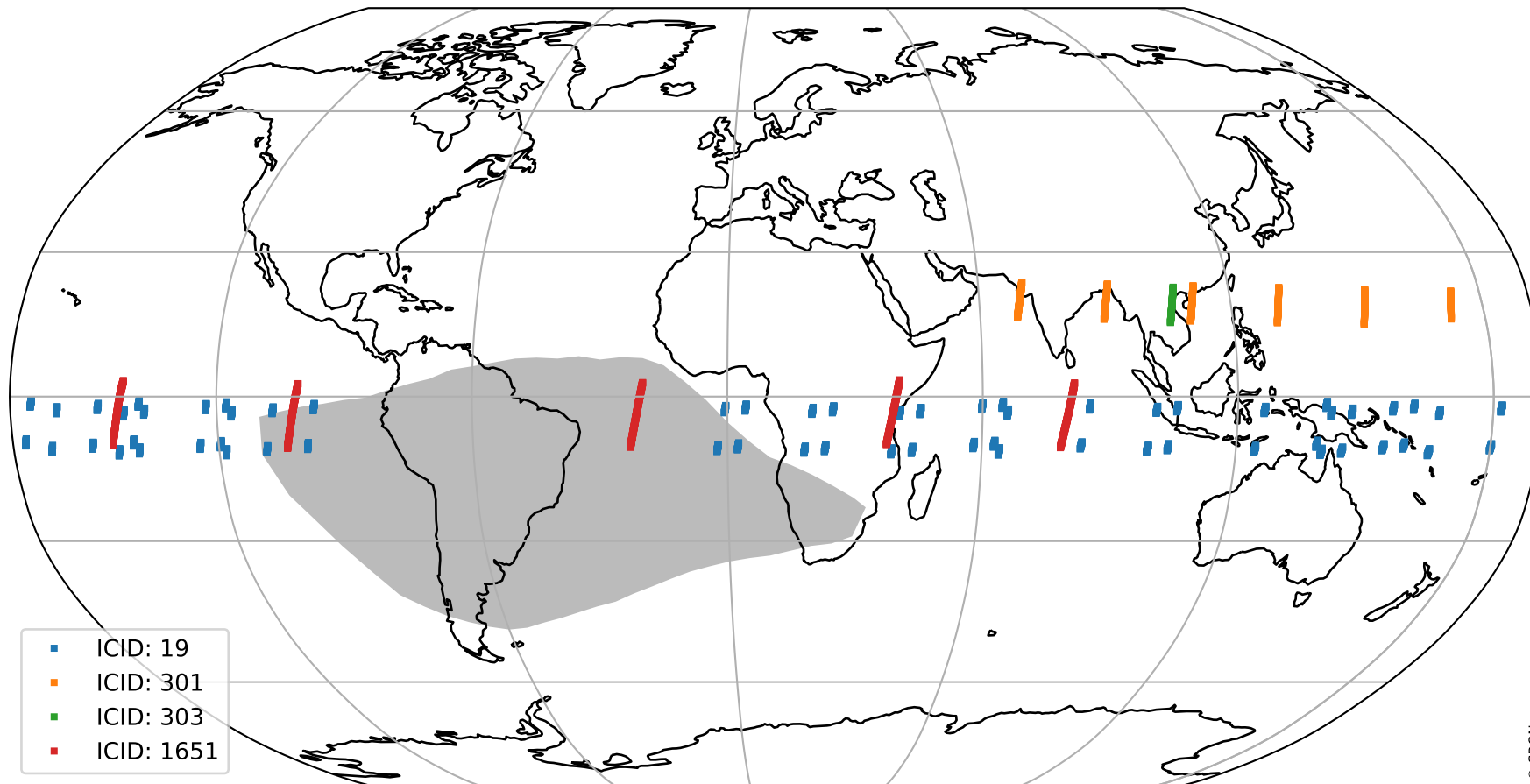
Tropomi SWIR background noise (swir)

orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
median : 0.9835
spread : 0.17369
created : 2023-08-21T16:09:08



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

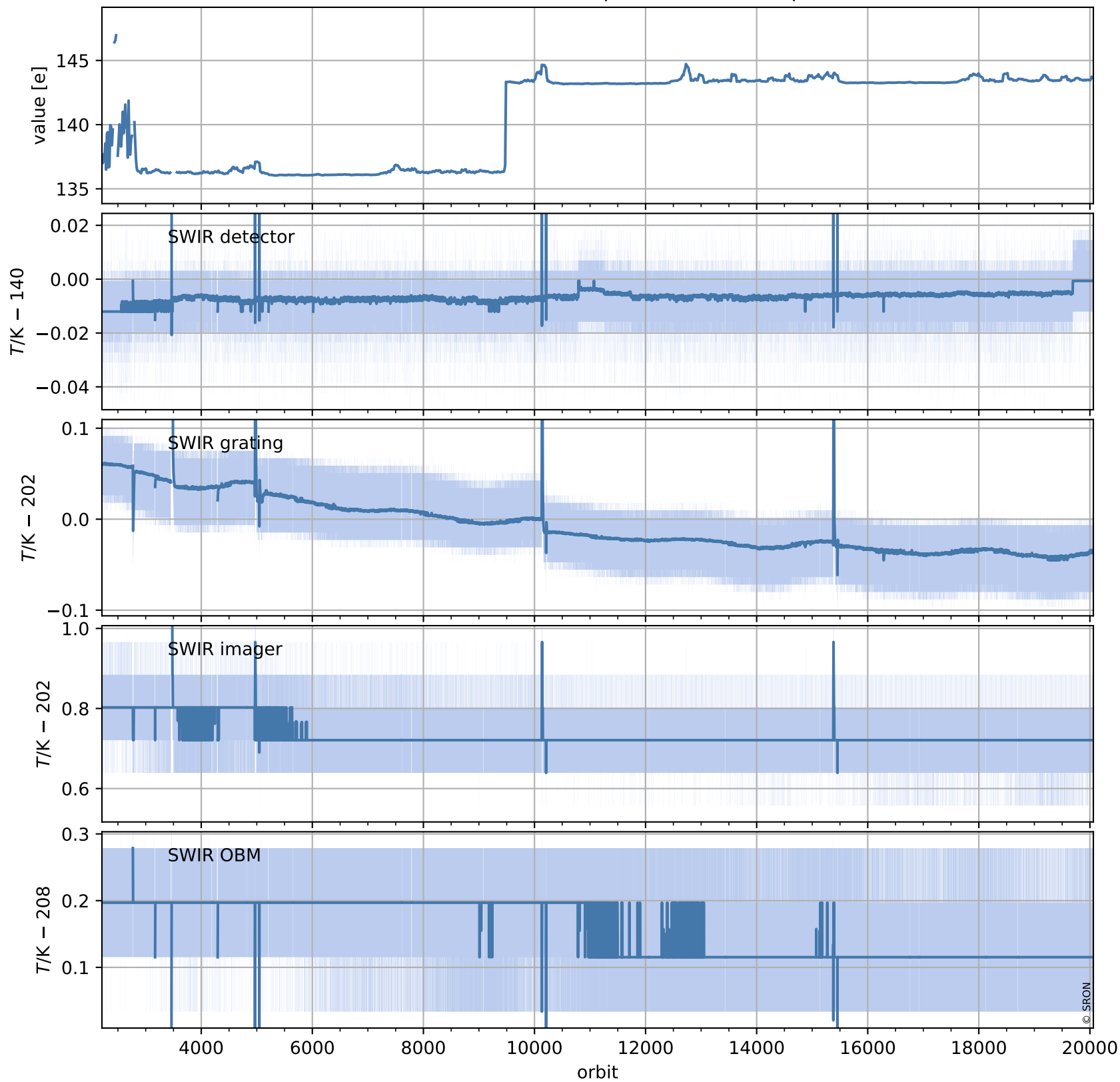
orbits : 12 in [19972, 20062]
coverage : 2021-08-21 / 2021-08-26
created : 2023-08-21T16:09:08



Tropomi SWIR background noise (swir)

orbits : [2212, 20062]
coverage : 2018-03-18 / 2021-08-26
created : 2023-08-21T16:09:09

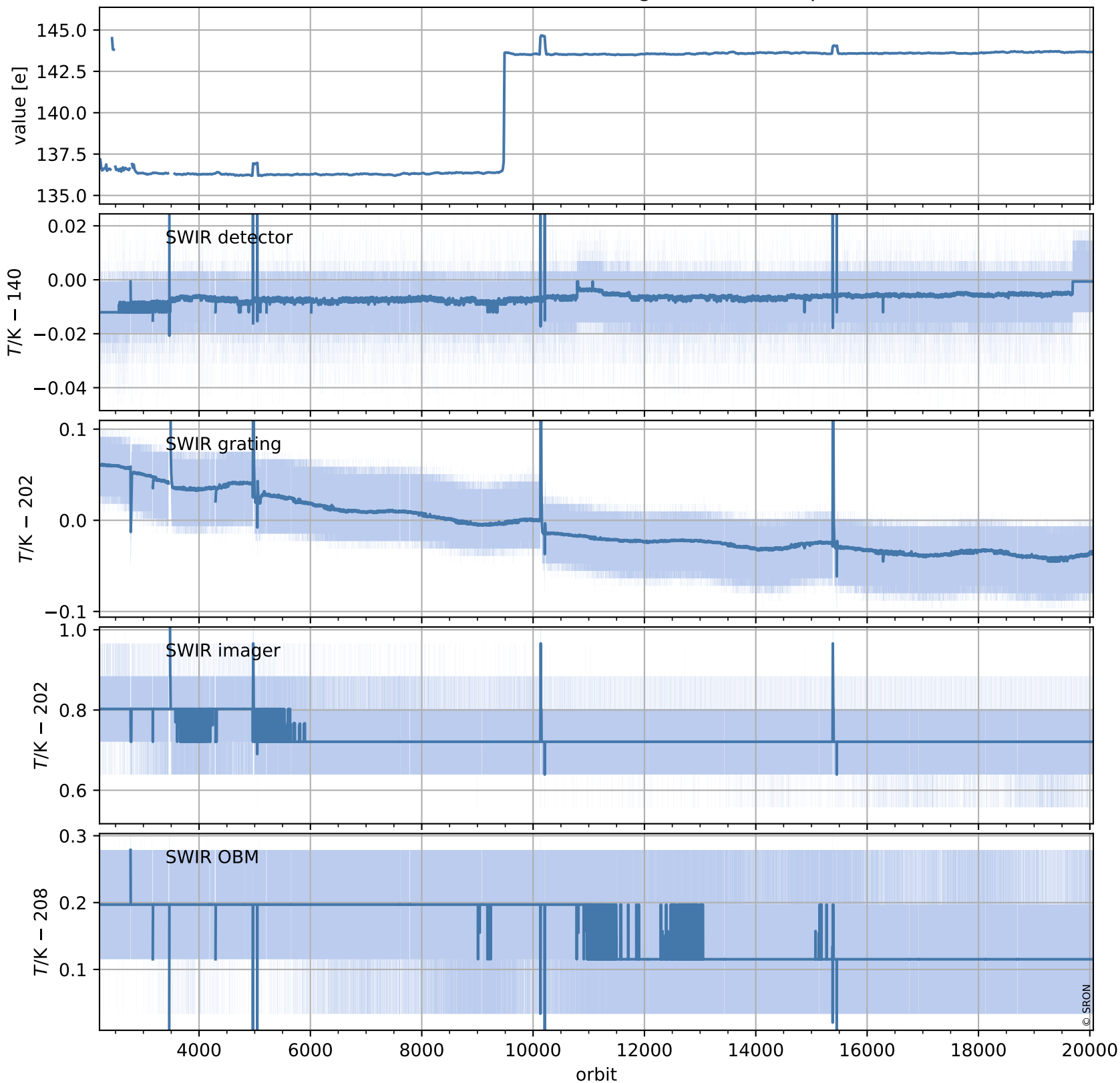
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20062]
coverage : 2018-03-18 / 2021-08-26
created : 2023-08-21T16:09:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20062]
coverage : 2018-03-18 / 2021-08-26
created : 2023-08-21T16:09:10

trend of normalized read-noise & temperatures

