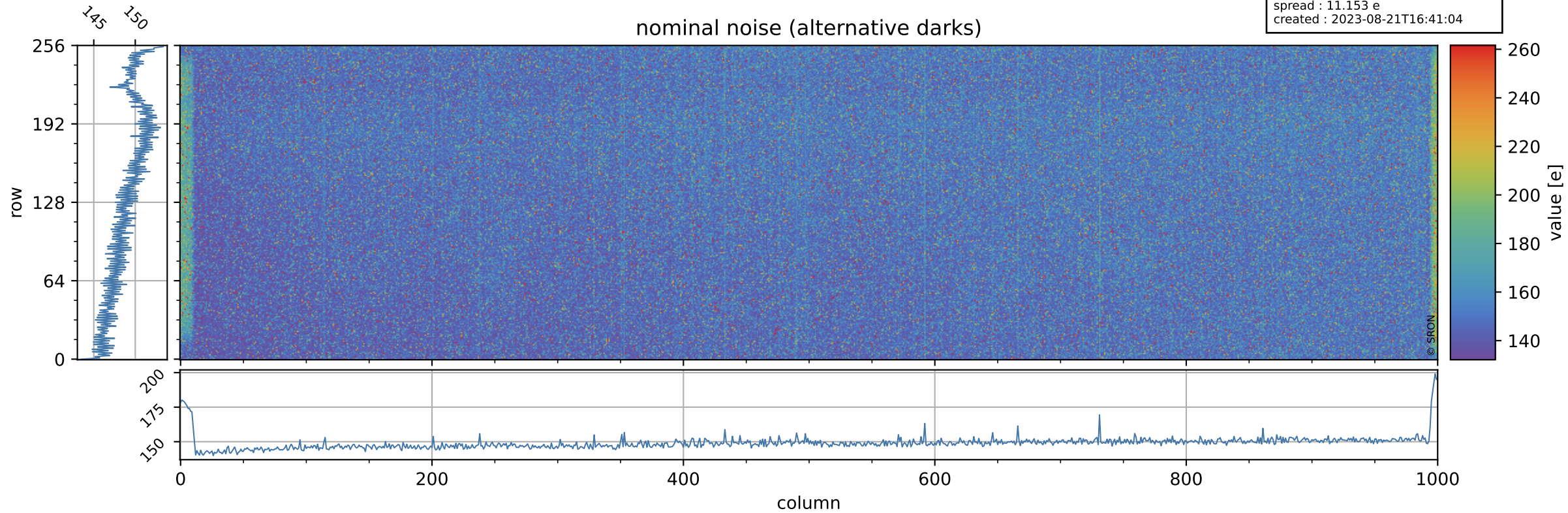


Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.153 e
created : 2023-08-21T16:41:04

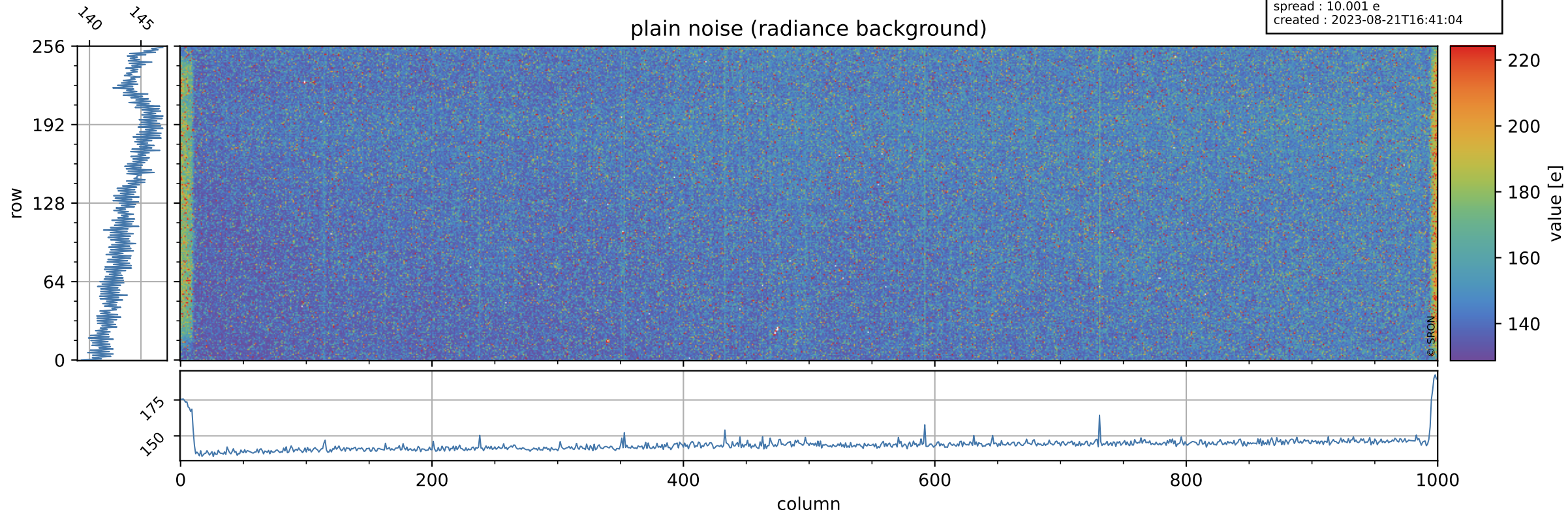
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 10.001 e
created : 2023-08-21T16:41:04

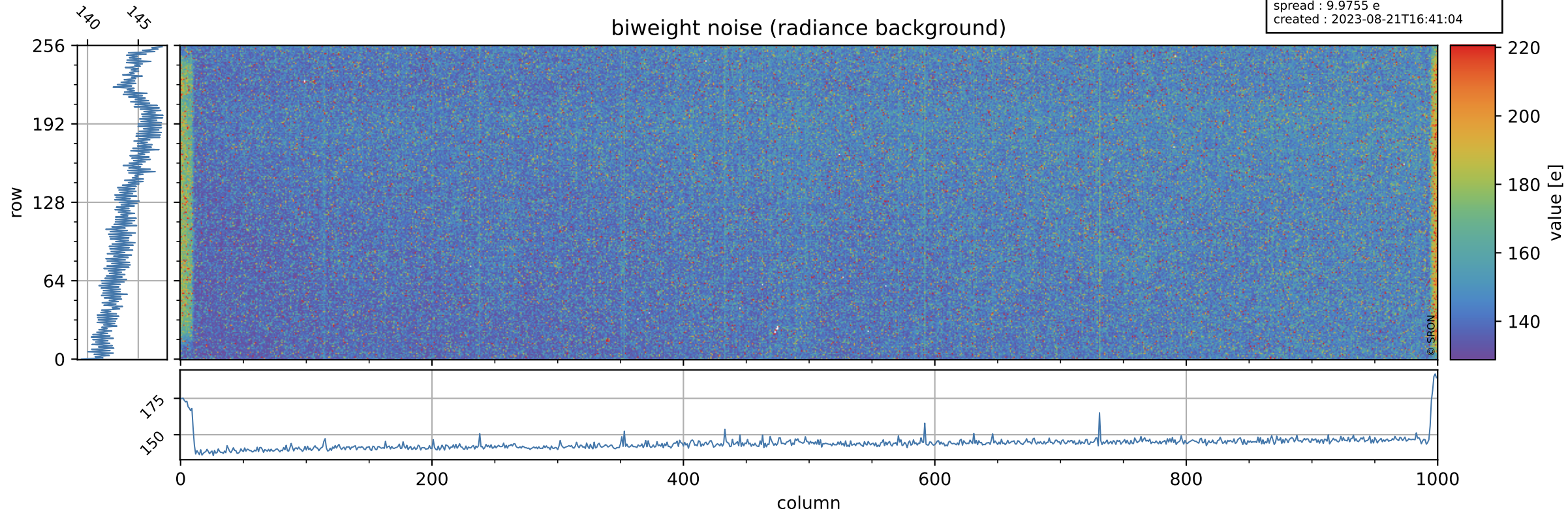
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9755 e
created : 2023-08-21T16:41:04

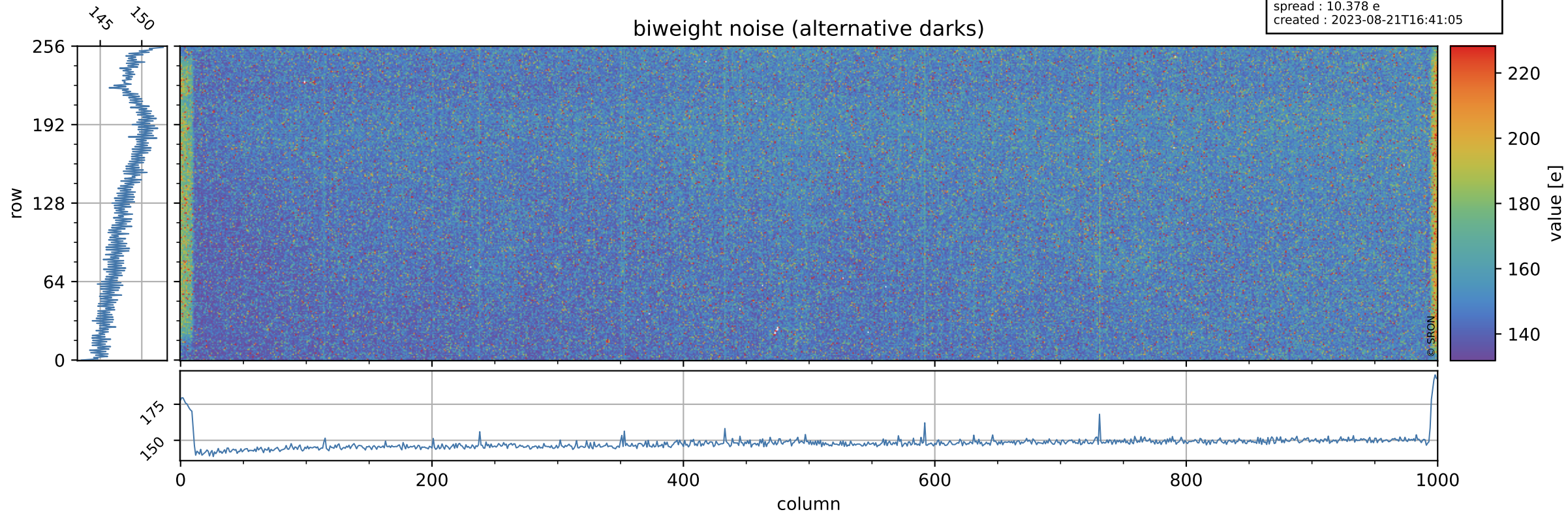
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.378 e
created : 2023-08-21T16:41:05

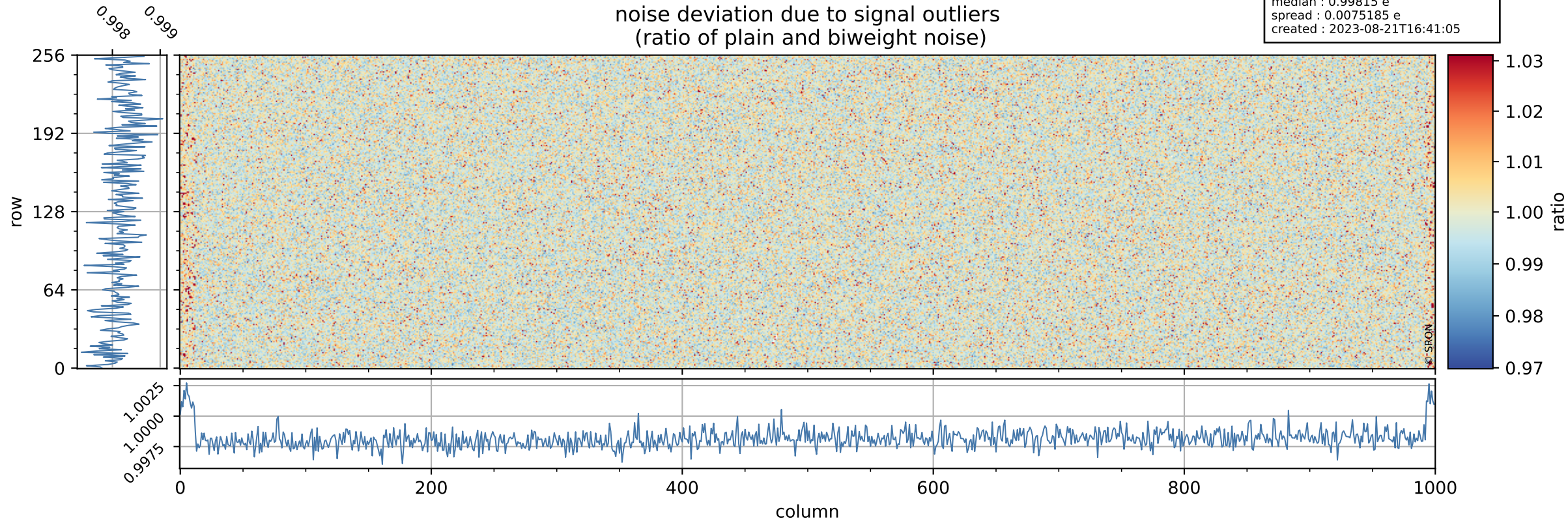
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

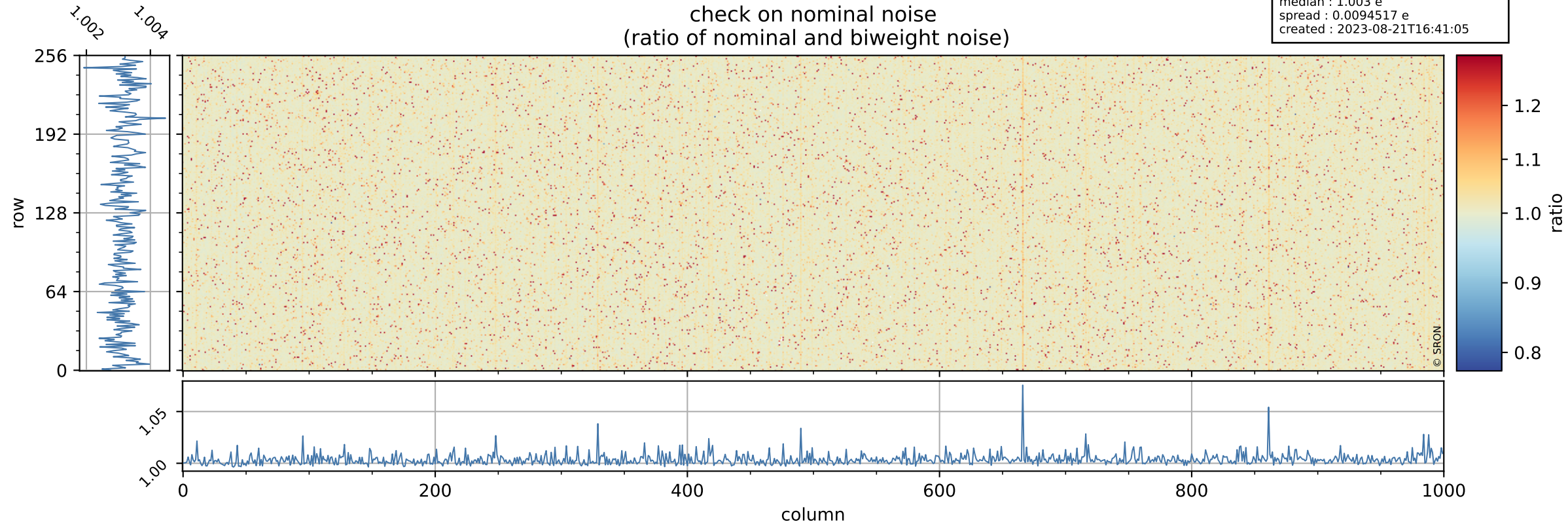
orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
median : 0.99815 e
spread : 0.0075185 e
created : 2023-08-21T16:41:05



Tropomi SWIR background noise (swir)

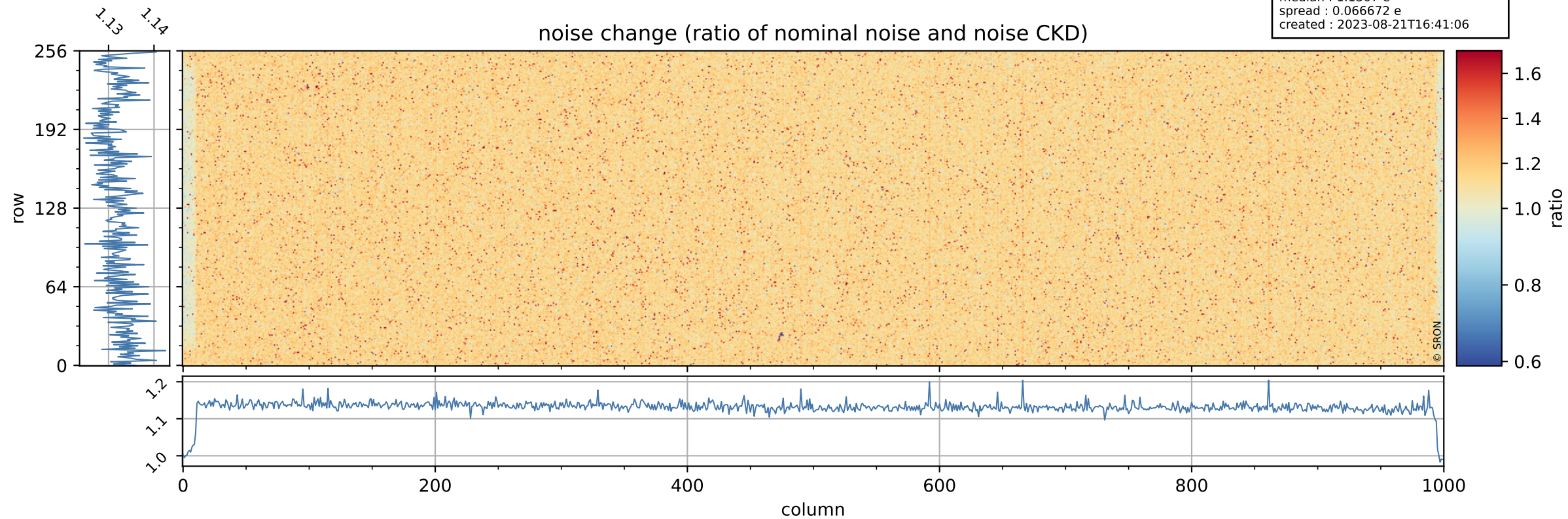
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
median : 1.003 e
spread : 0.0094517 e
created : 2023-08-21T16:41:05



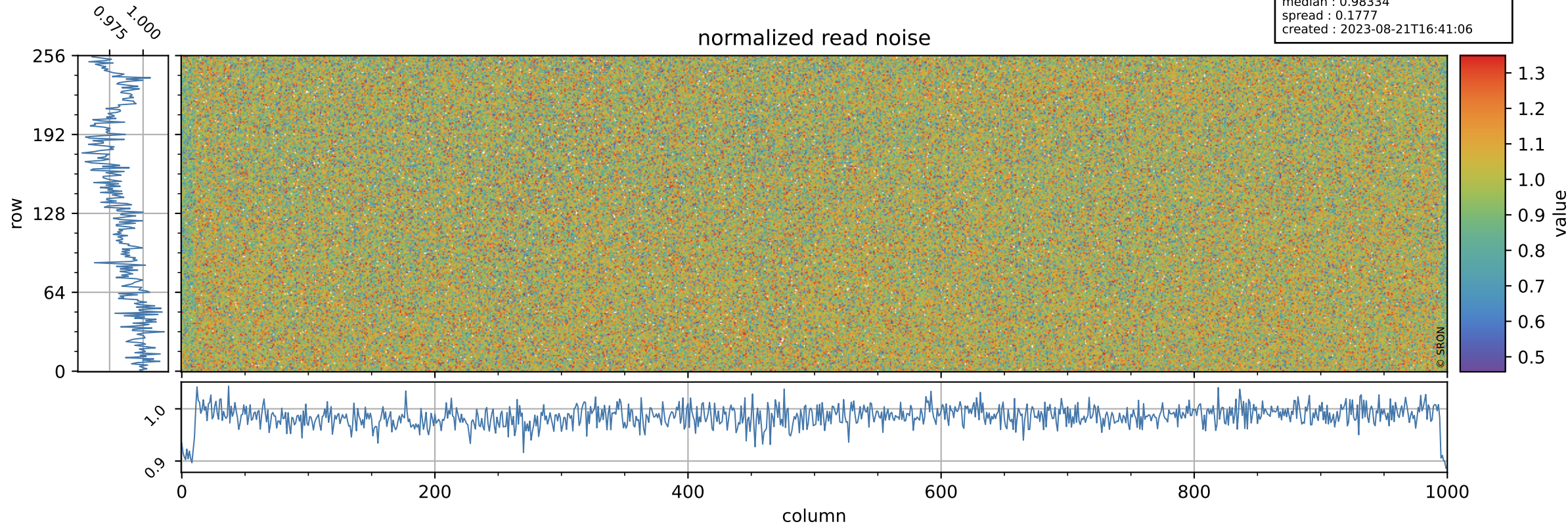
Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
median : 1.1307 e
spread : 0.066672 e
created : 2023-08-21T16:41:06



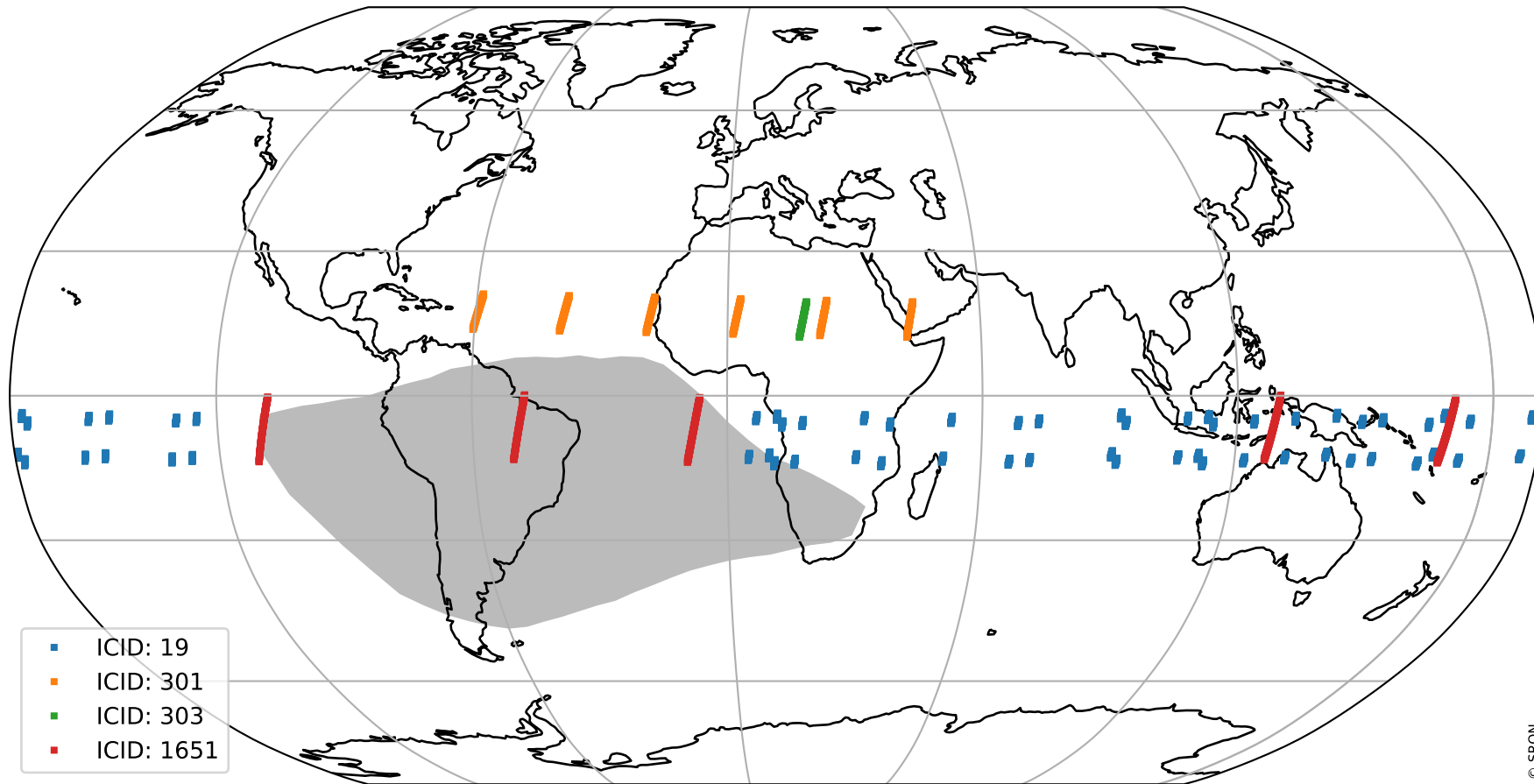
Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
median : 0.98334
spread : 0.1777
created : 2023-08-21T16:41:06



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

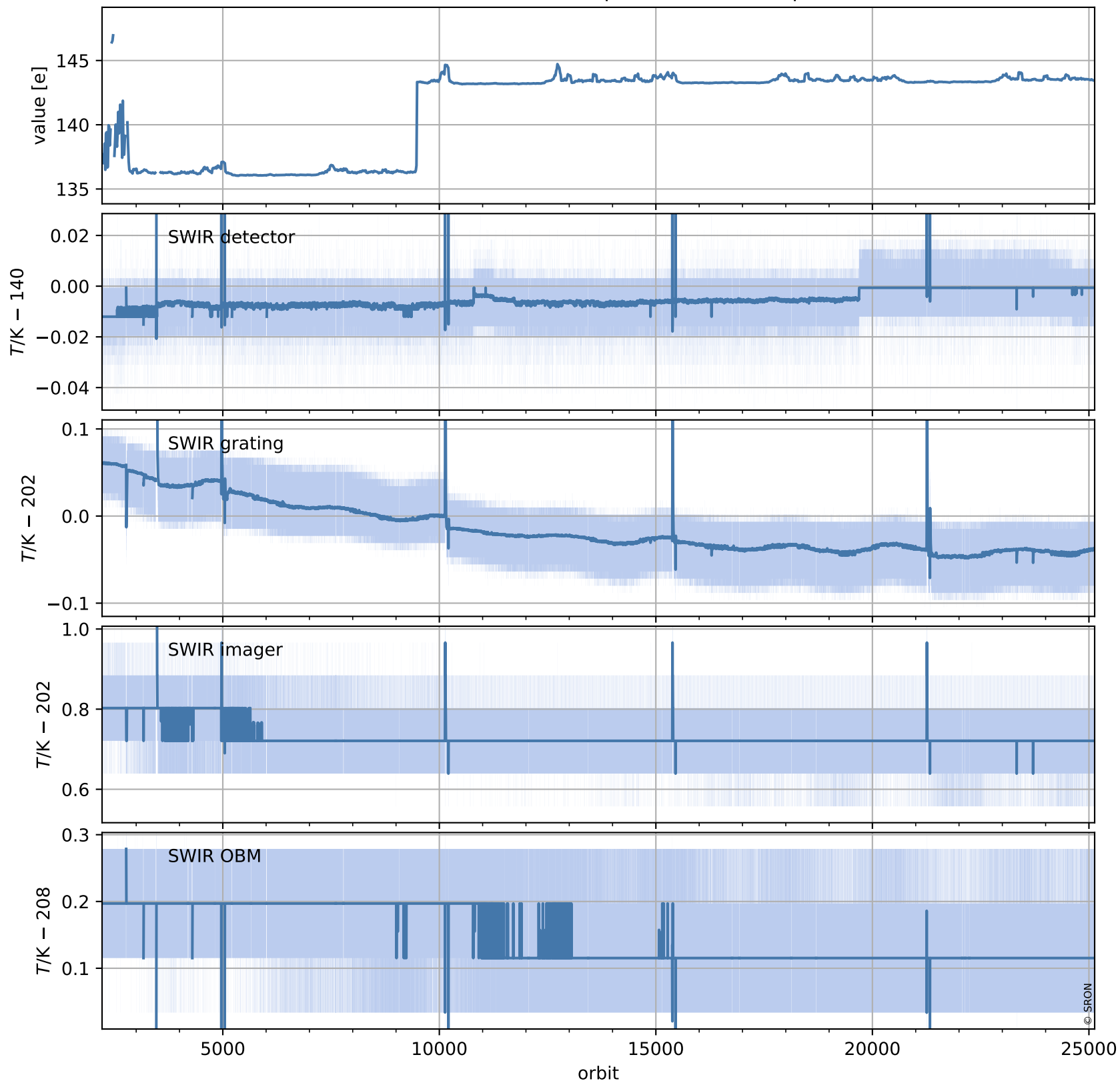
orbits : 12 in [25057, 25132]
coverage : 2022-08-13 / 2022-08-19
created : 2023-08-21T16:41:06



Tropomi SWIR background noise (swir)

orbits : [2212, 25132]
coverage : 2018-03-18 / 2022-08-19
created : 2023-08-21T16:41:06

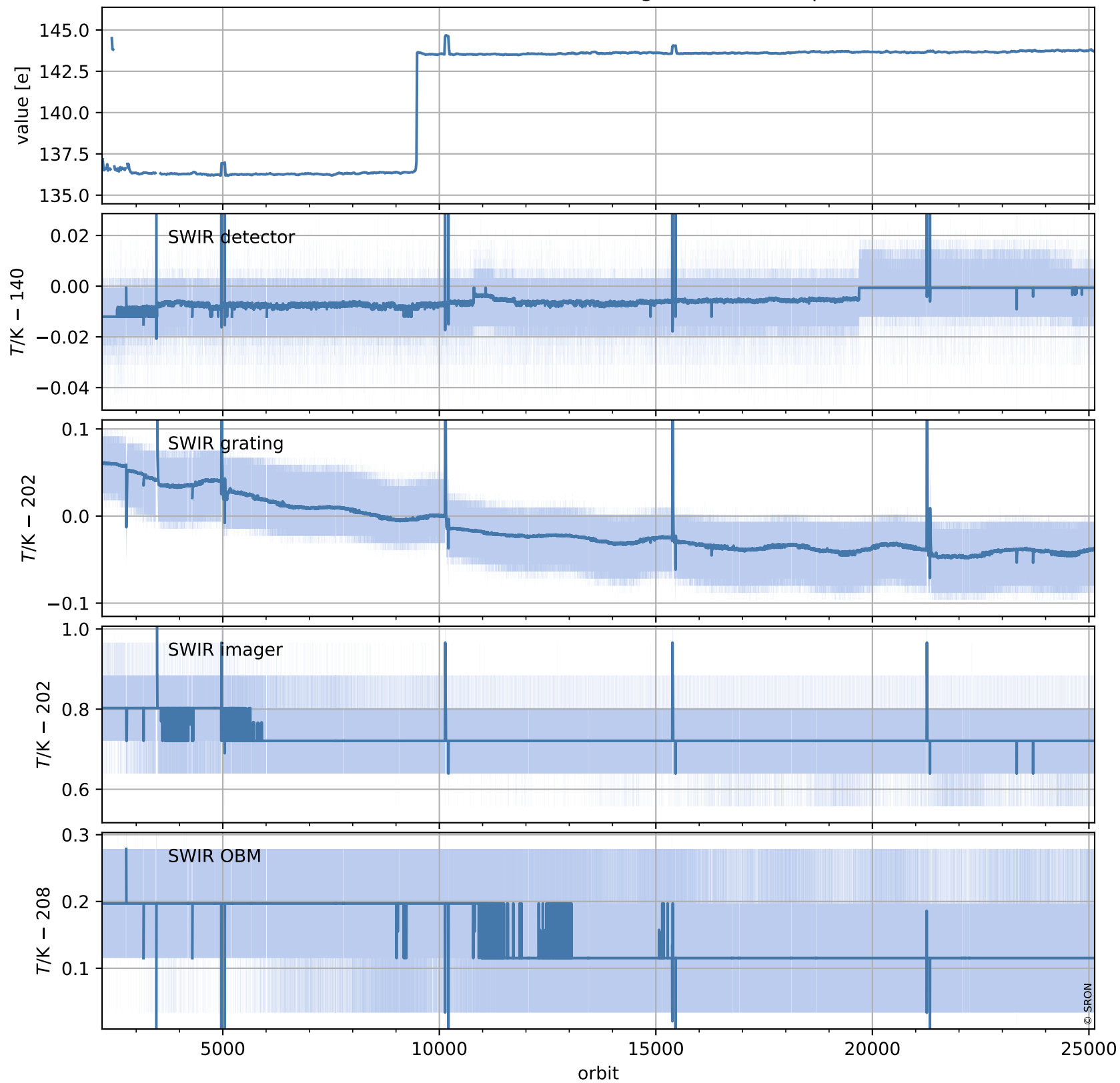
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25132]
coverage : 2018-03-18 / 2022-08-19
created : 2023-08-21T16:41:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25132]
coverage : 2018-03-18 / 2022-08-19
created : 2023-08-21T16:41:08

trend of normalized read-noise & temperatures

