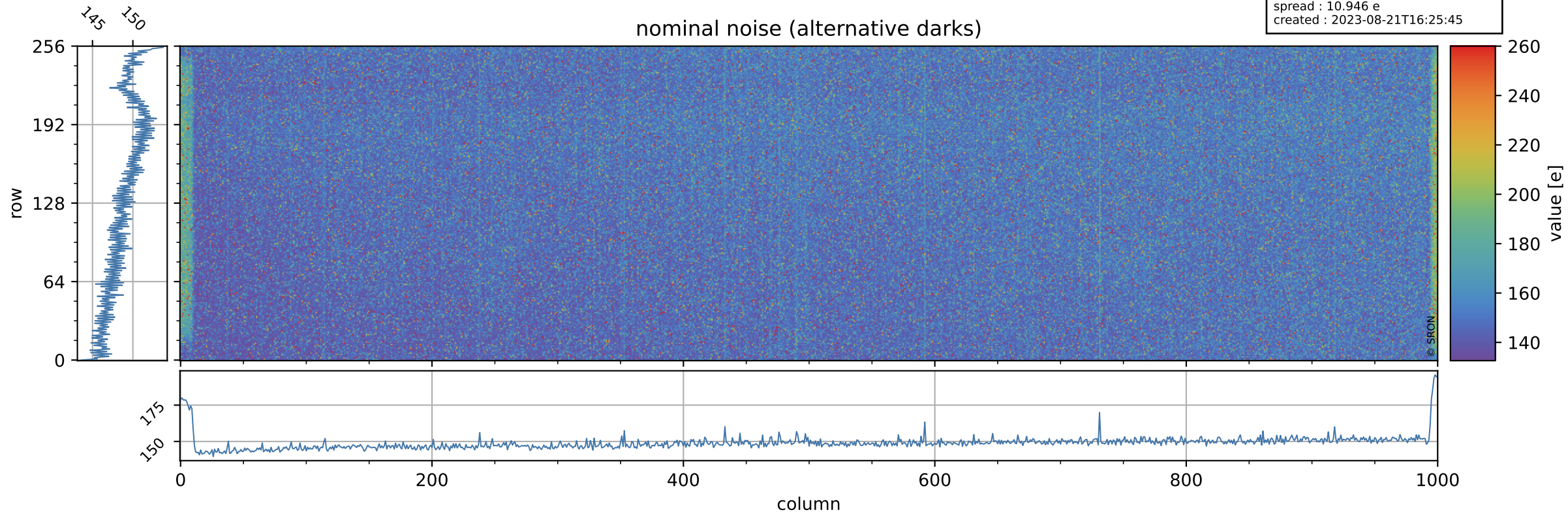


Tropomi SWIR background noise (swir)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 10.946 e
created : 2023-08-21T16:25:45

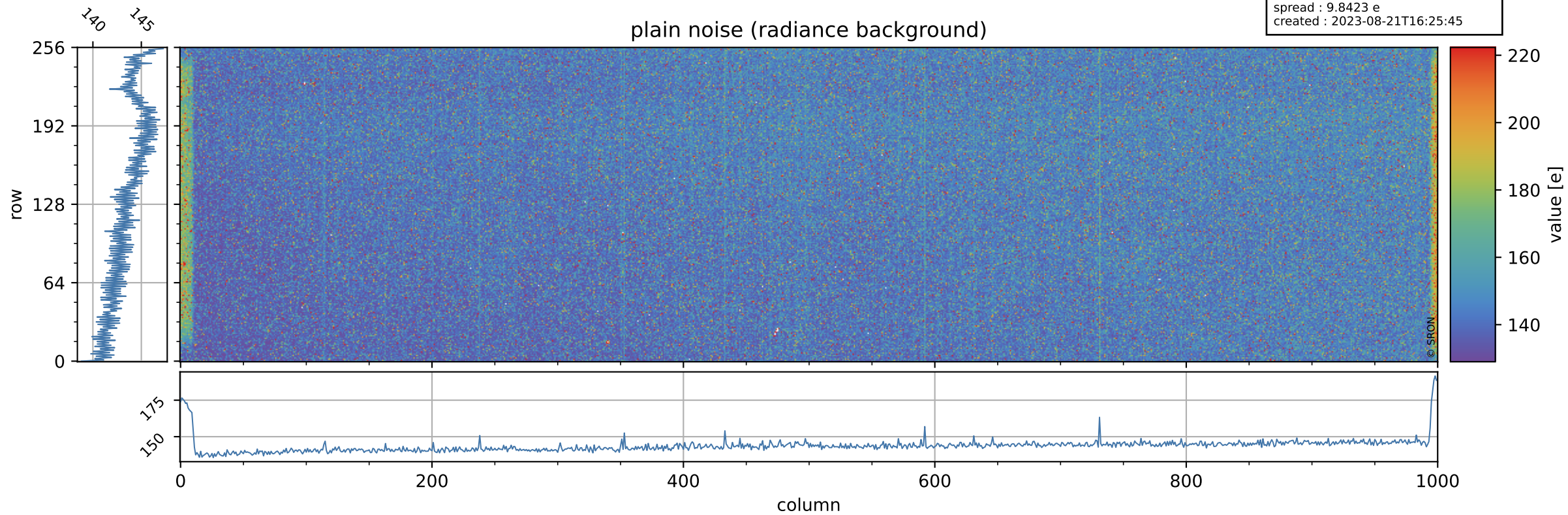
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8423 e
created : 2023-08-21T16:25:45

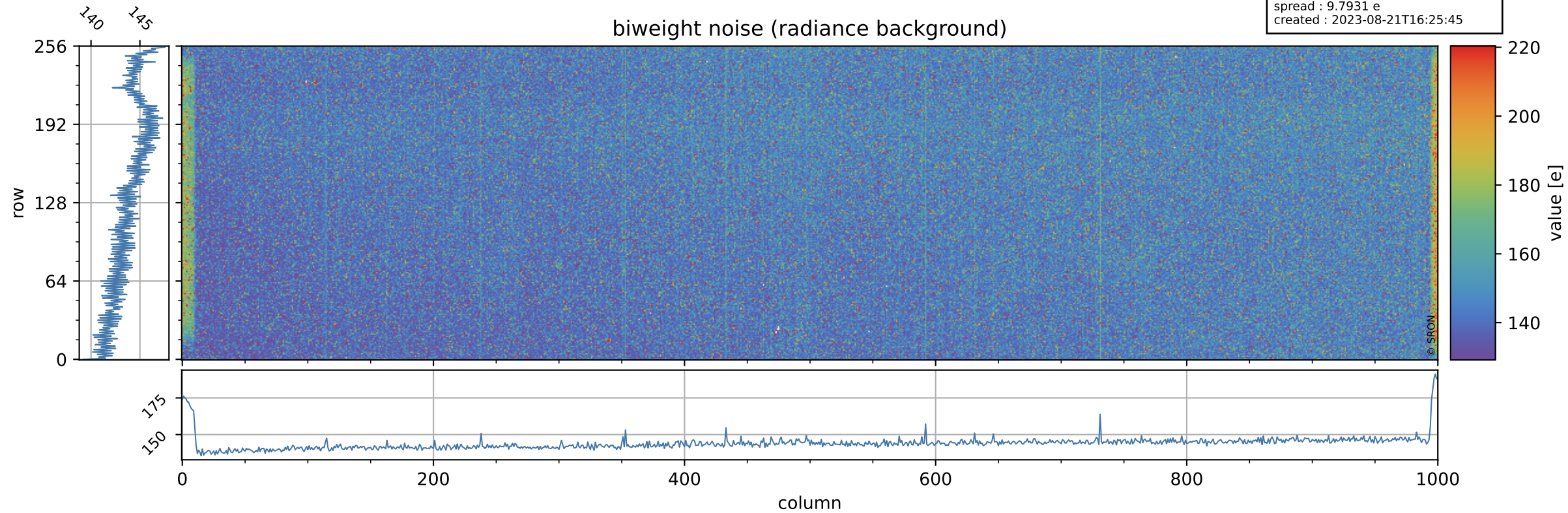
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7931 e
created : 2023-08-21T16:25:45

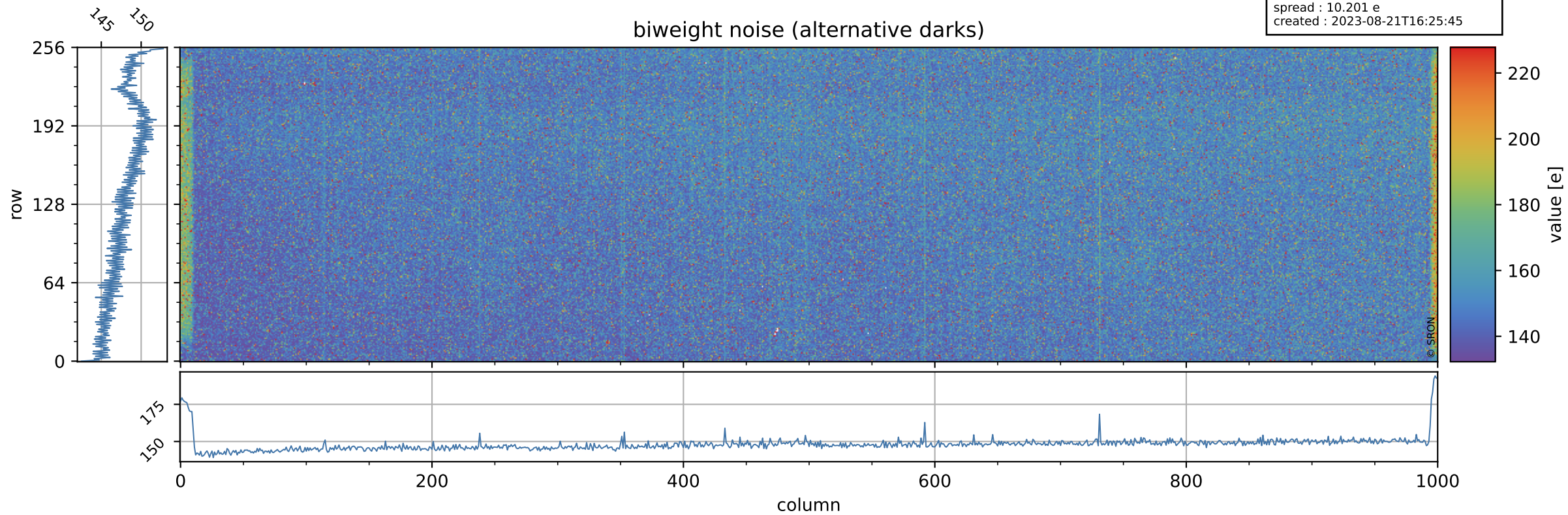
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.201 e
created : 2023-08-21T16:25:45

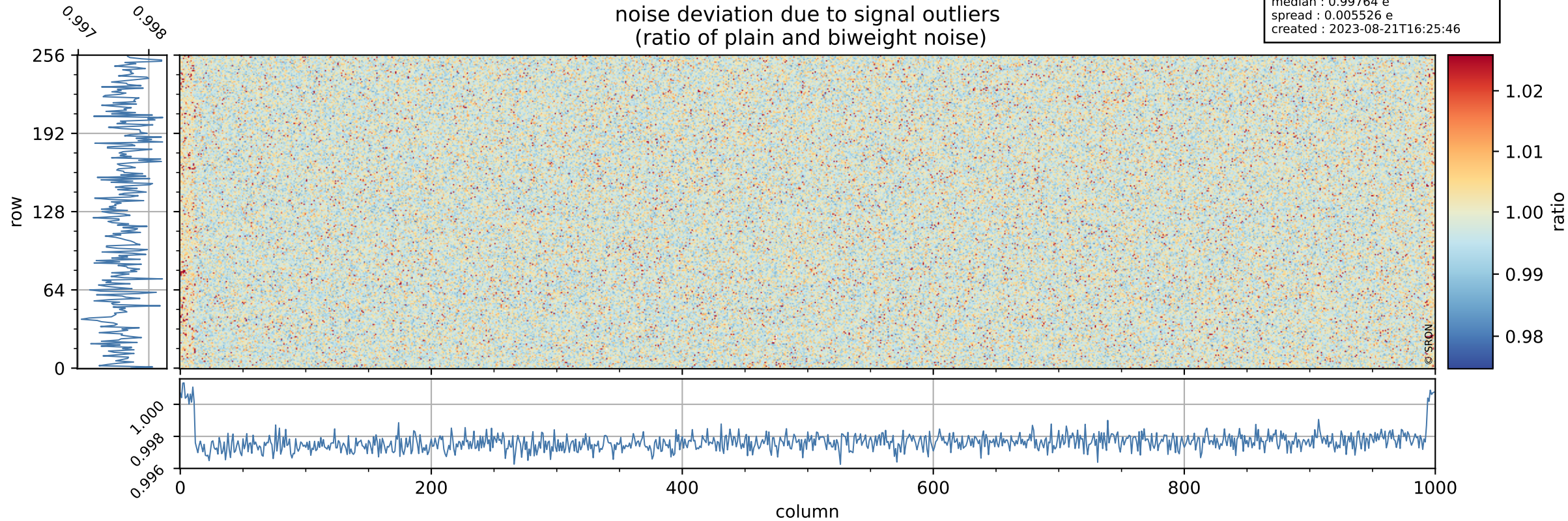
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

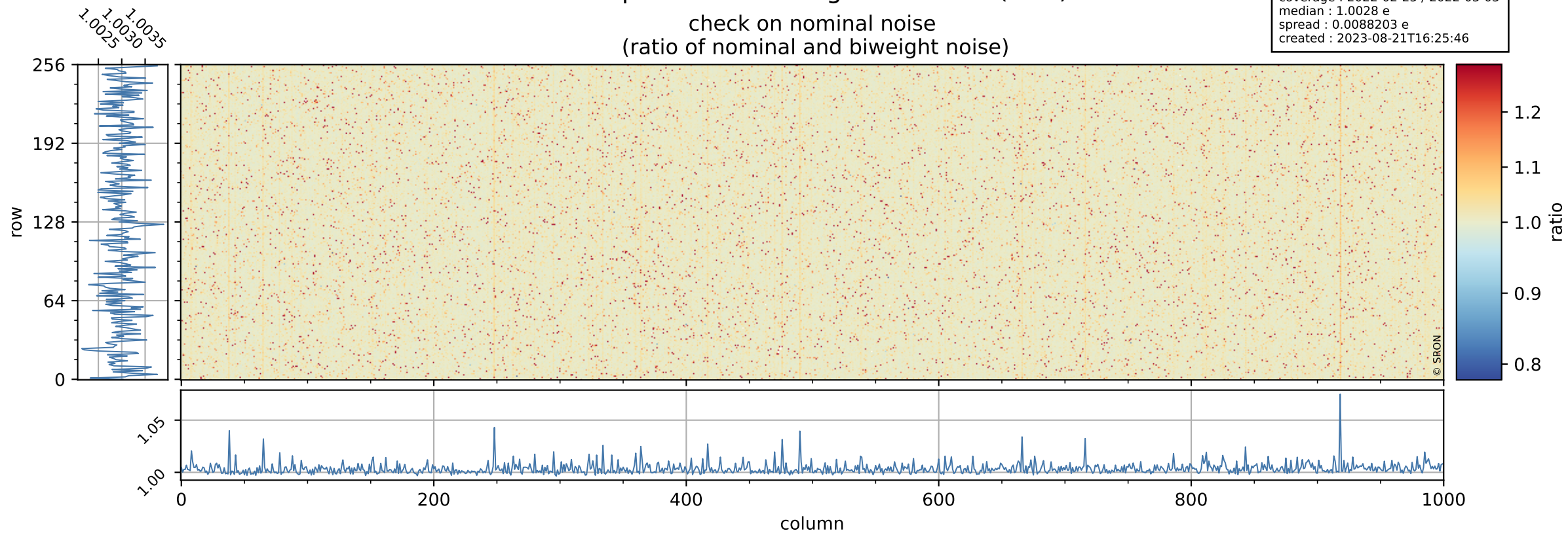
orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
median : 0.99764 e
spread : 0.005526 e
created : 2023-08-21T16:25:46



Tropomi SWIR background noise (swir)

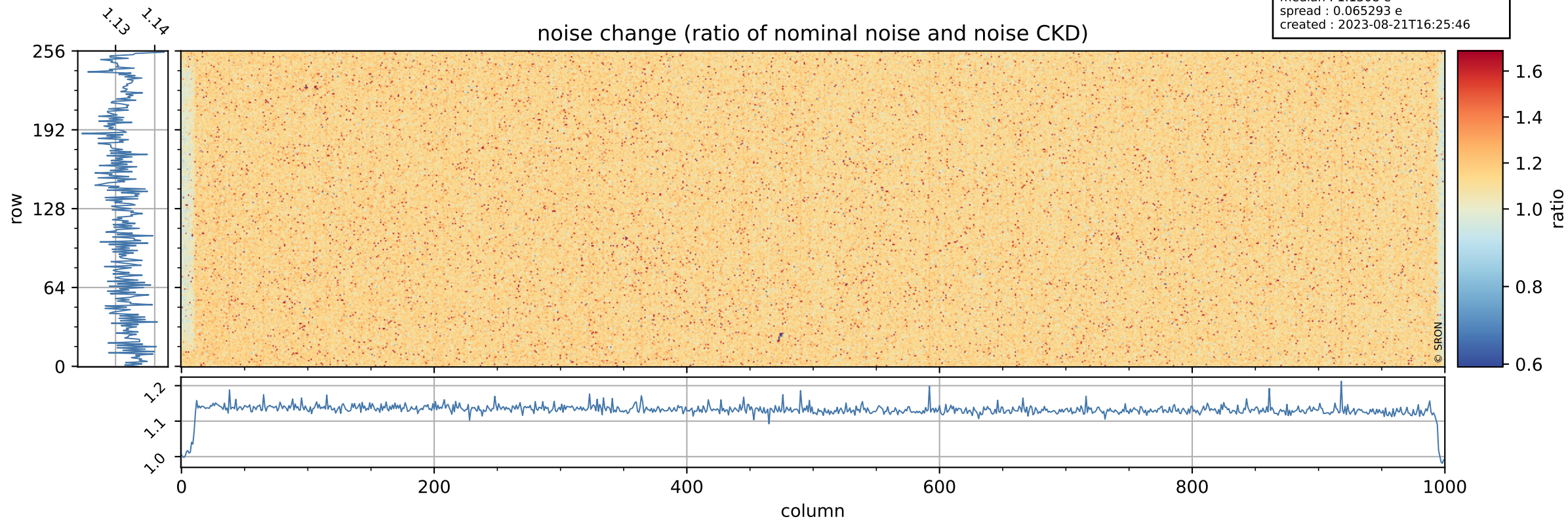
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
median : 1.0028 e
spread : 0.0088203 e
created : 2023-08-21T16:25:46



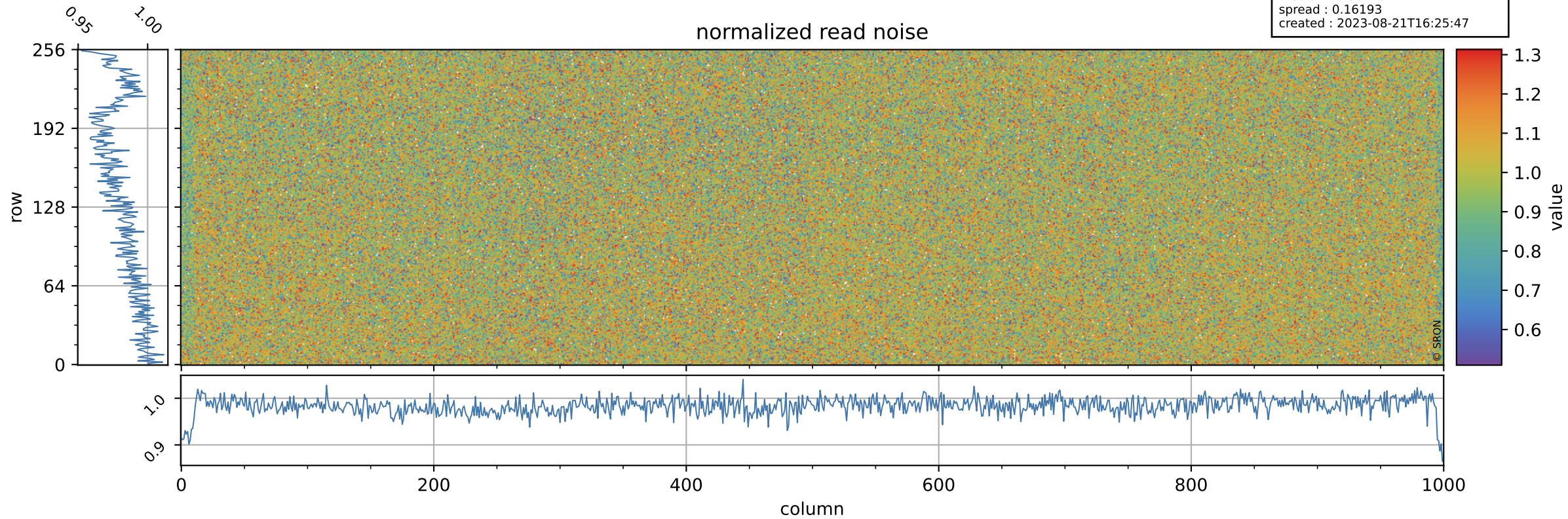
Tropomi SWIR background noise (swir)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
median : 1.1308 e
spread : 0.065293 e
created : 2023-08-21T16:25:46



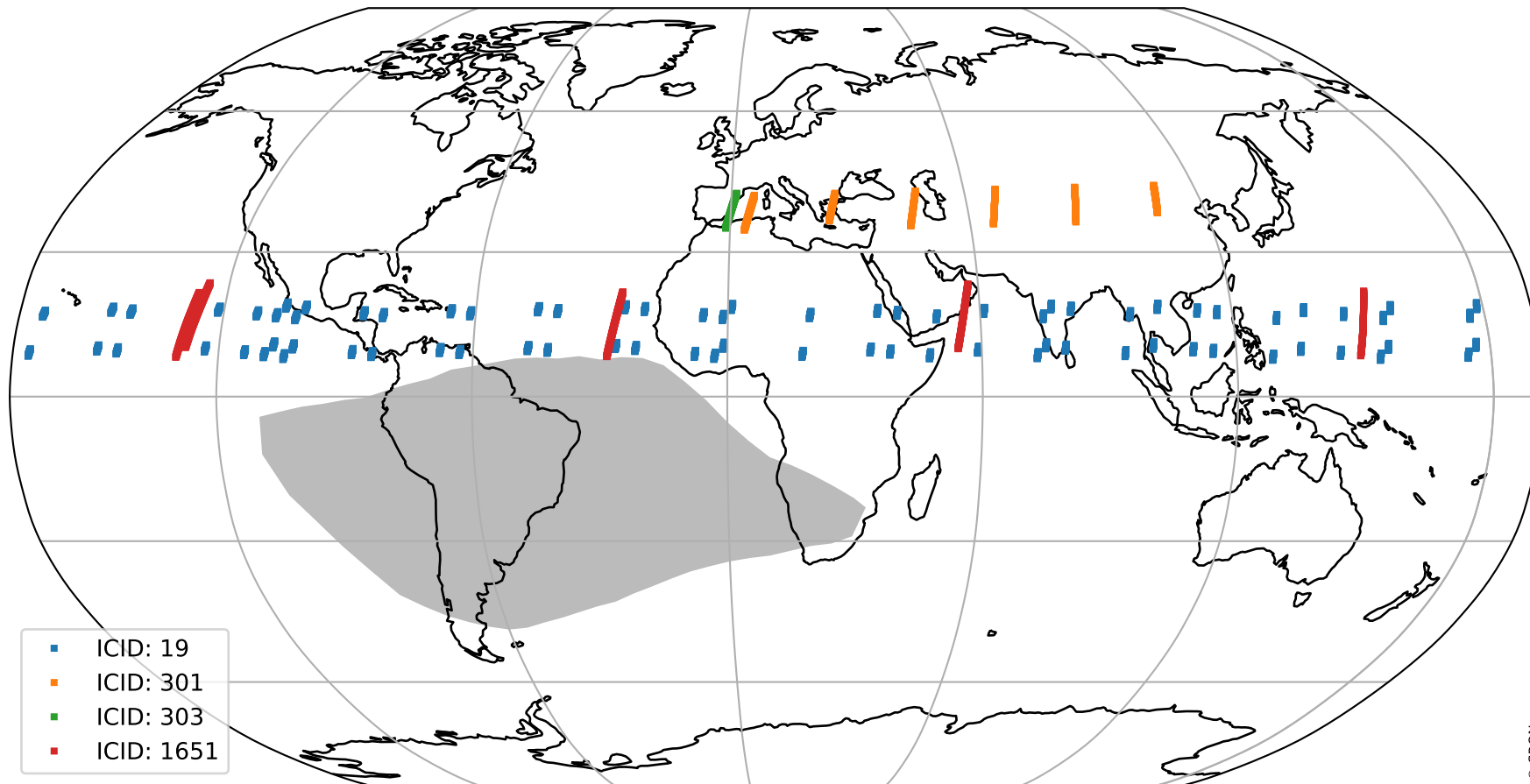
Tropomi SWIR background noise (swir)

orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
median : 0.98175
spread : 0.16193
created : 2023-08-21T16:25:47



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

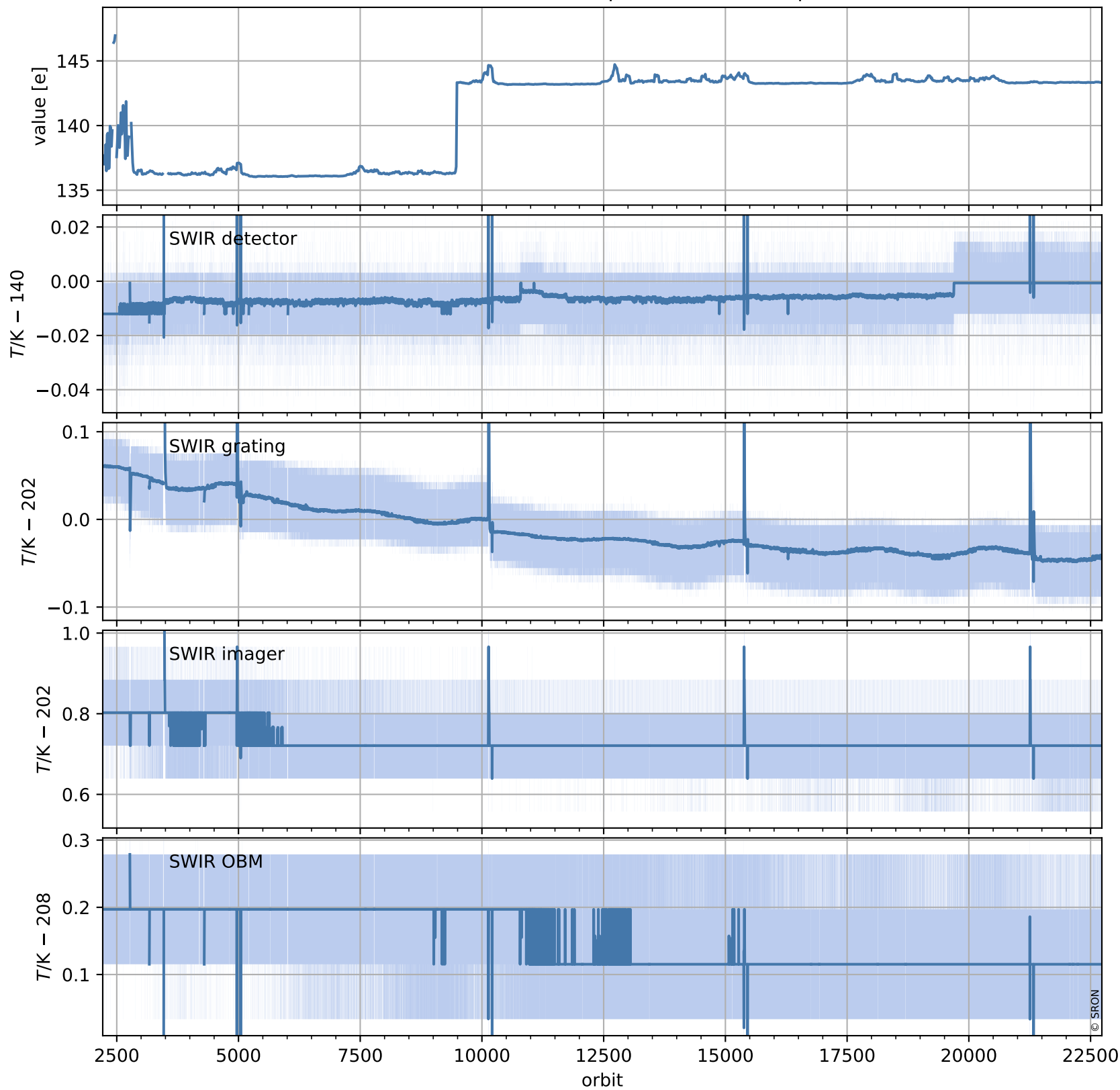
orbits : 12 in [22642, 22732]
coverage : 2022-02-25 / 2022-03-03
created : 2023-08-21T16:25:47



Tropomi SWIR background noise (swir)

orbits : [2212, 22732]
coverage : 2018-03-18 / 2022-03-03
created : 2023-08-21T16:25:47

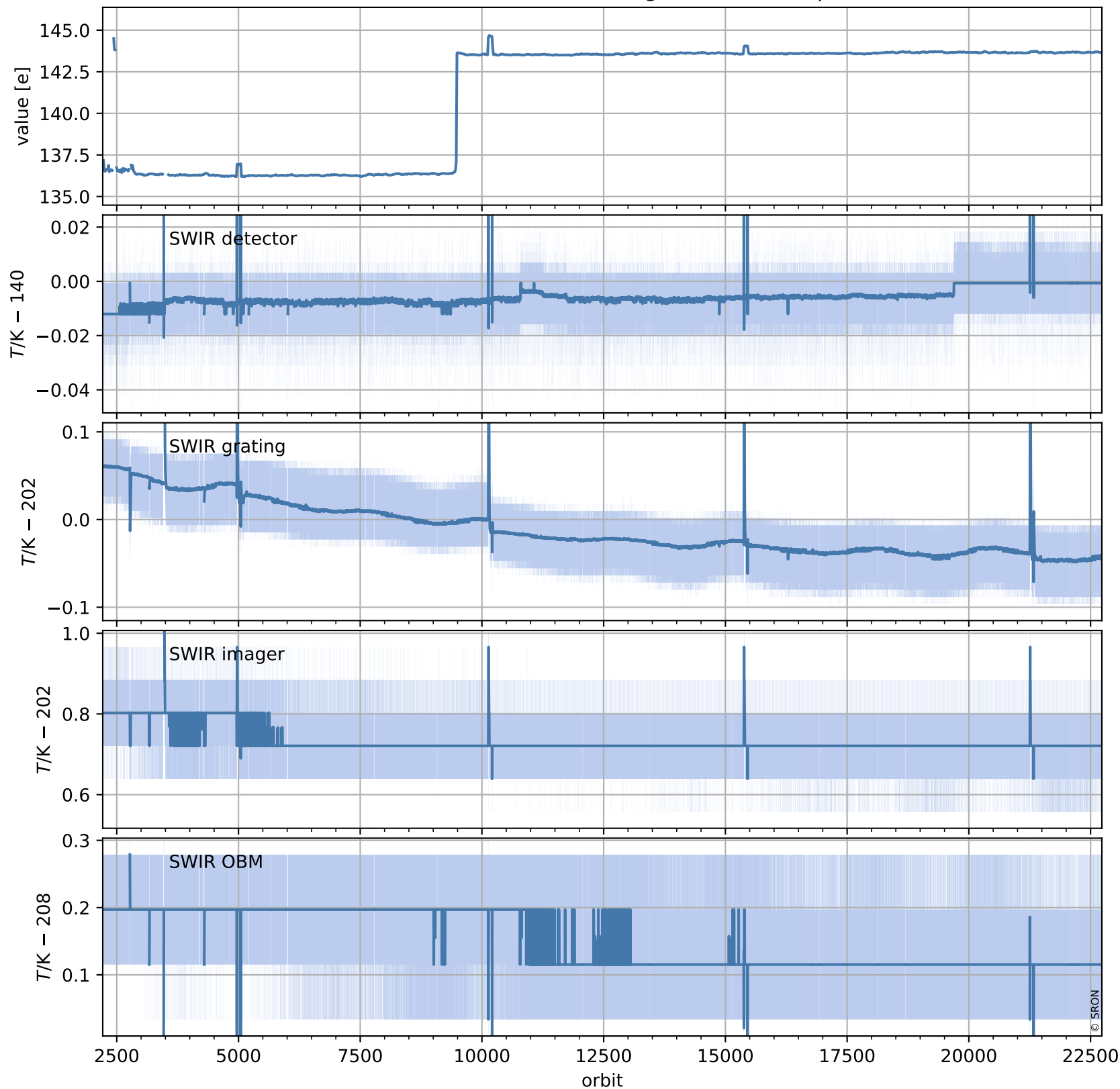
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22732]
coverage : 2018-03-18 / 2022-03-03
created : 2023-08-21T16:25:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22732]
coverage : 2018-03-18 / 2022-03-03
created : 2023-08-21T16:25:49

trend of normalized read-noise & temperatures

