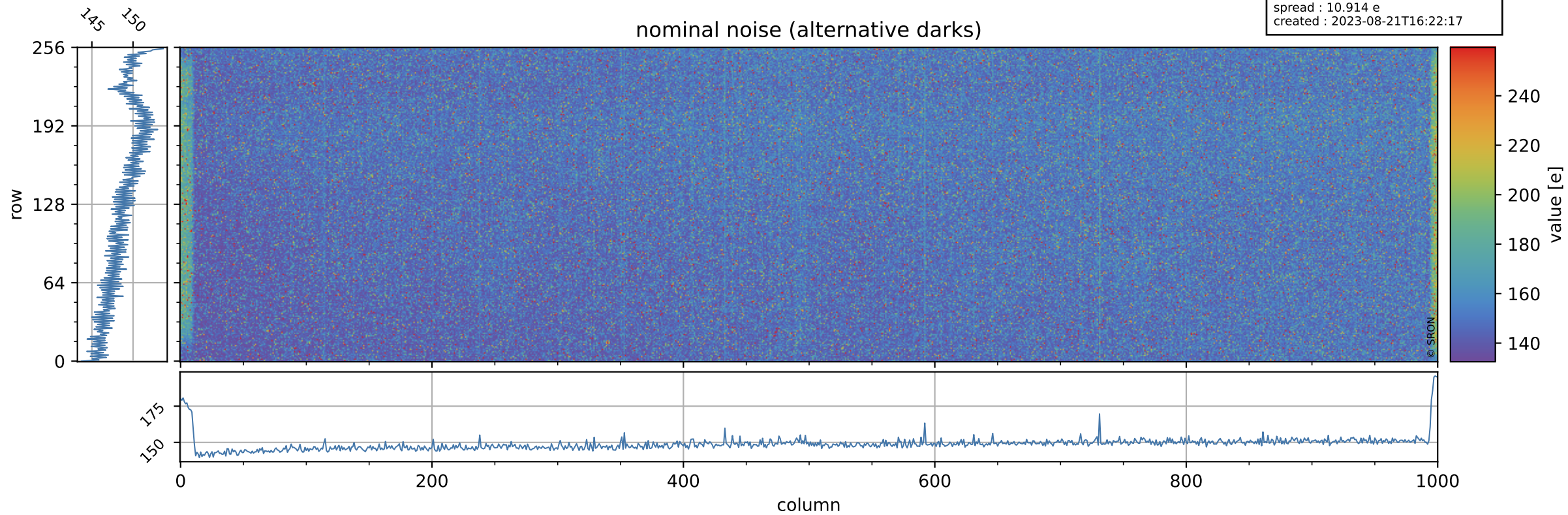


Tropomi SWIR background noise (swir)

orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.914 e
created : 2023-08-21T16:22:17

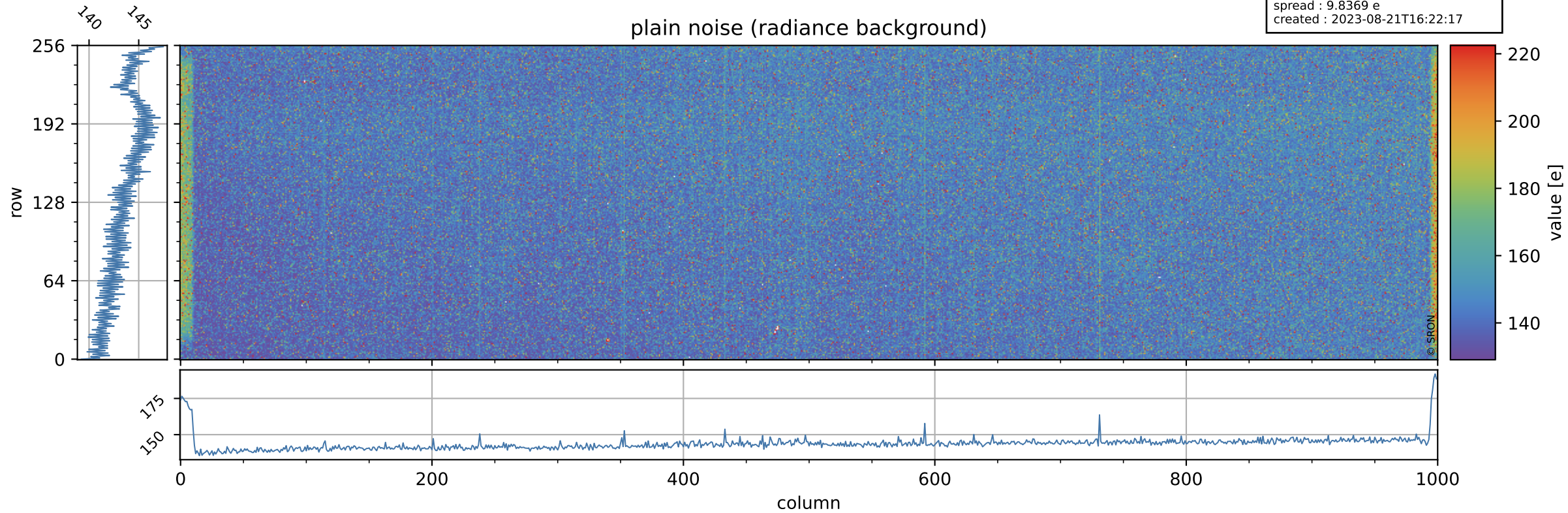
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8369 e
created : 2023-08-21T16:22:17

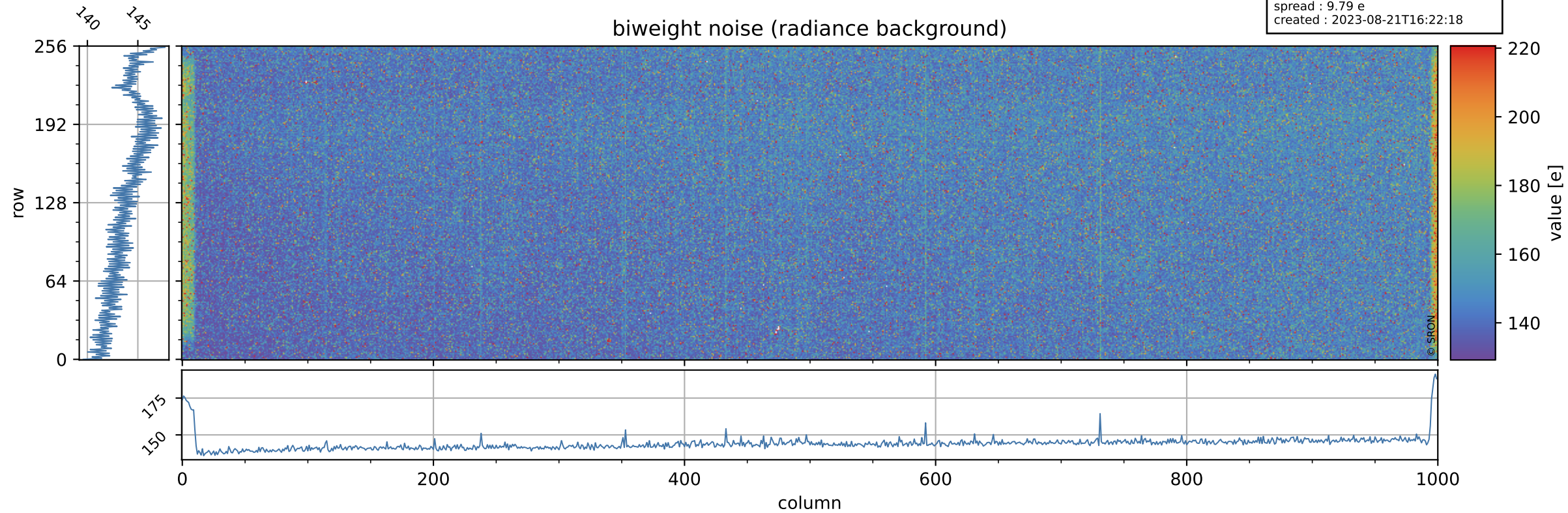
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.79 e
created : 2023-08-21T16:22:18

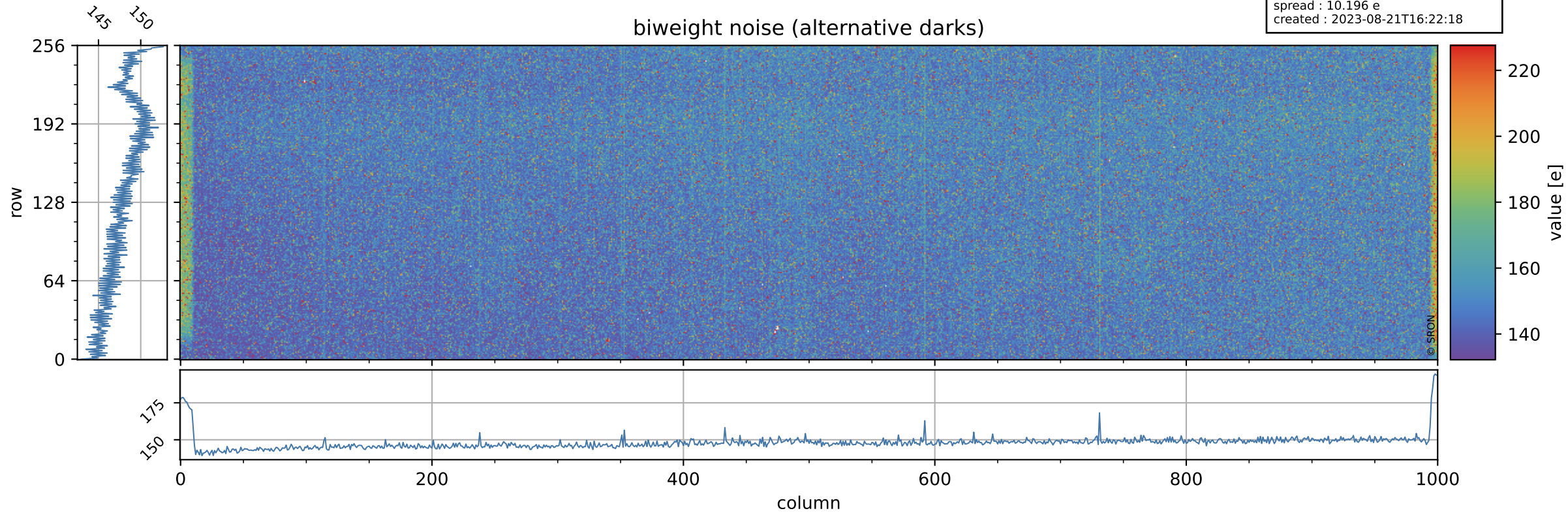
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.196 e
created : 2023-08-21T16:22:18

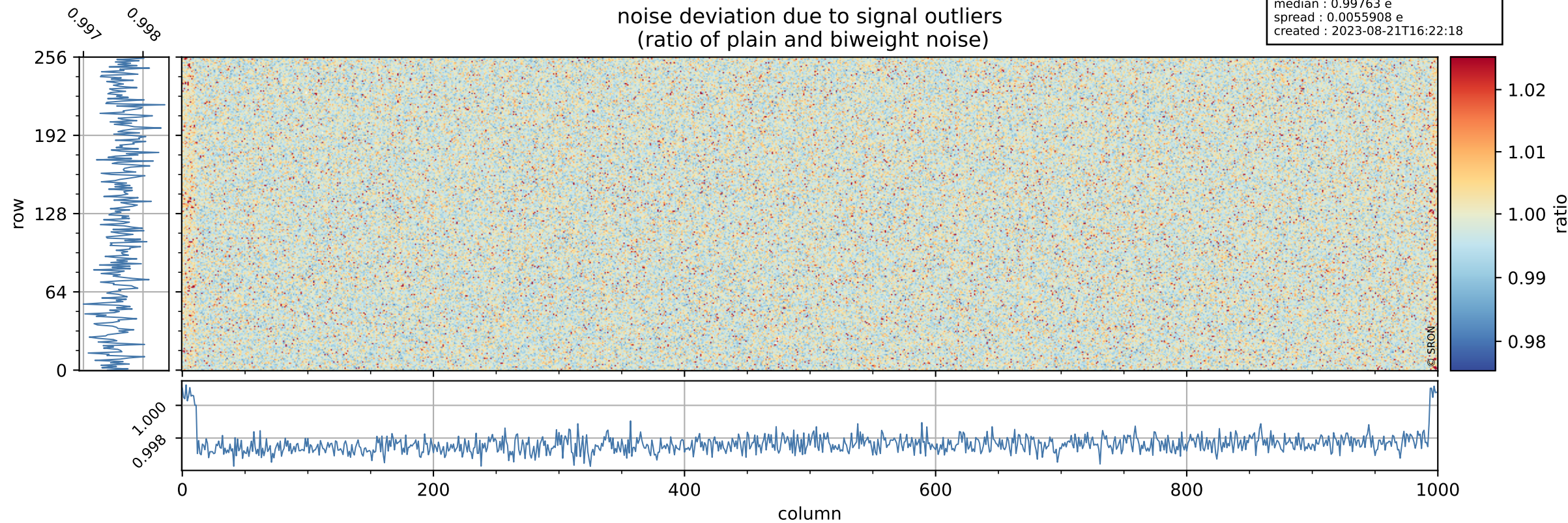
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

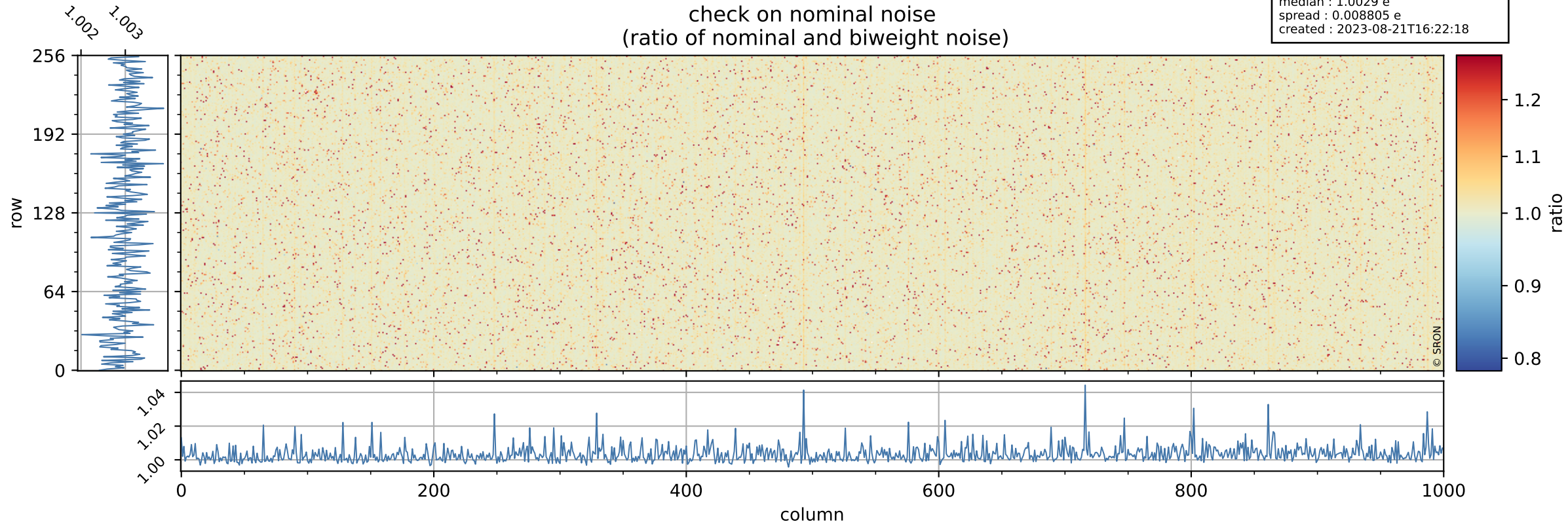
orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
median : 0.99763 e
spread : 0.0055908 e
created : 2023-08-21T16:22:18



Tropomi SWIR background noise (swir)

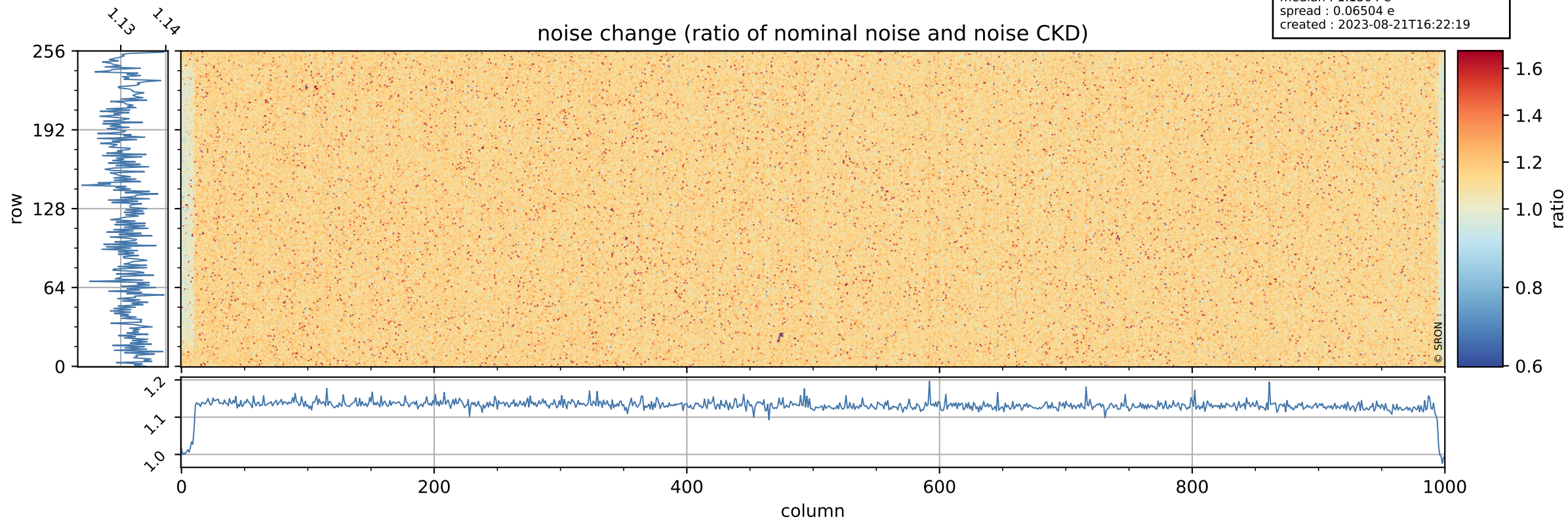
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
median : 1.0029 e
spread : 0.008805 e
created : 2023-08-21T16:22:18



Tropomi SWIR background noise (swir)

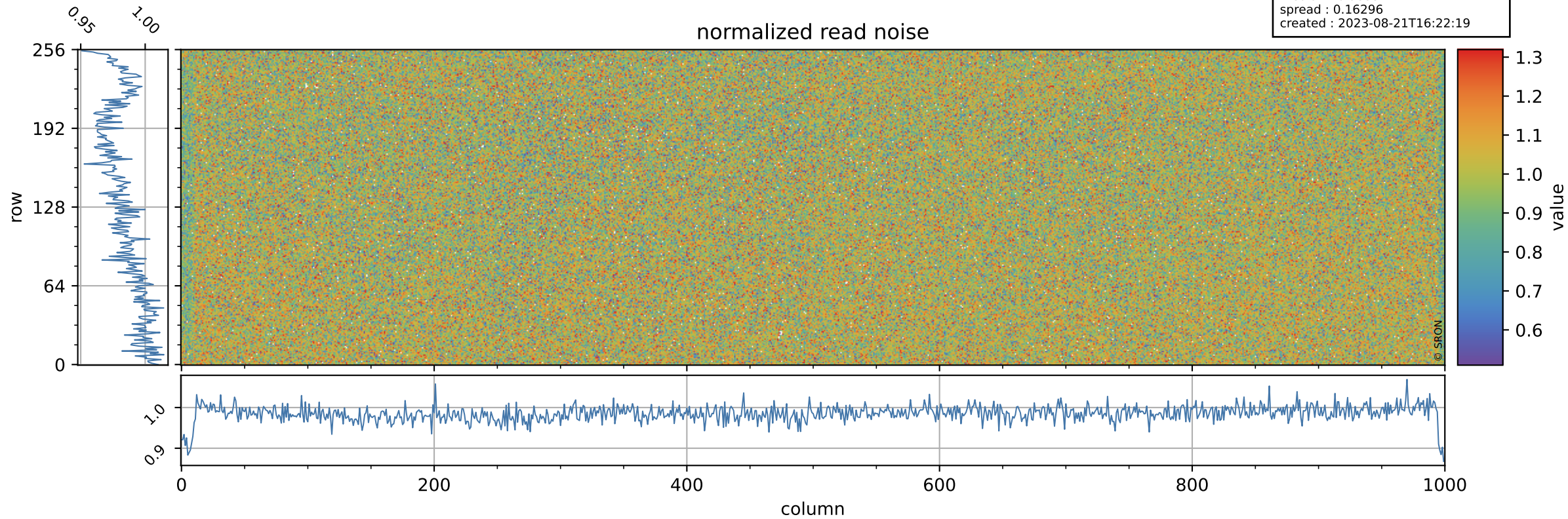
orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
median : 1.1304 e
spread : 0.06504 e
created : 2023-08-21T16:22:19



Tropomi SWIR background noise (swir)

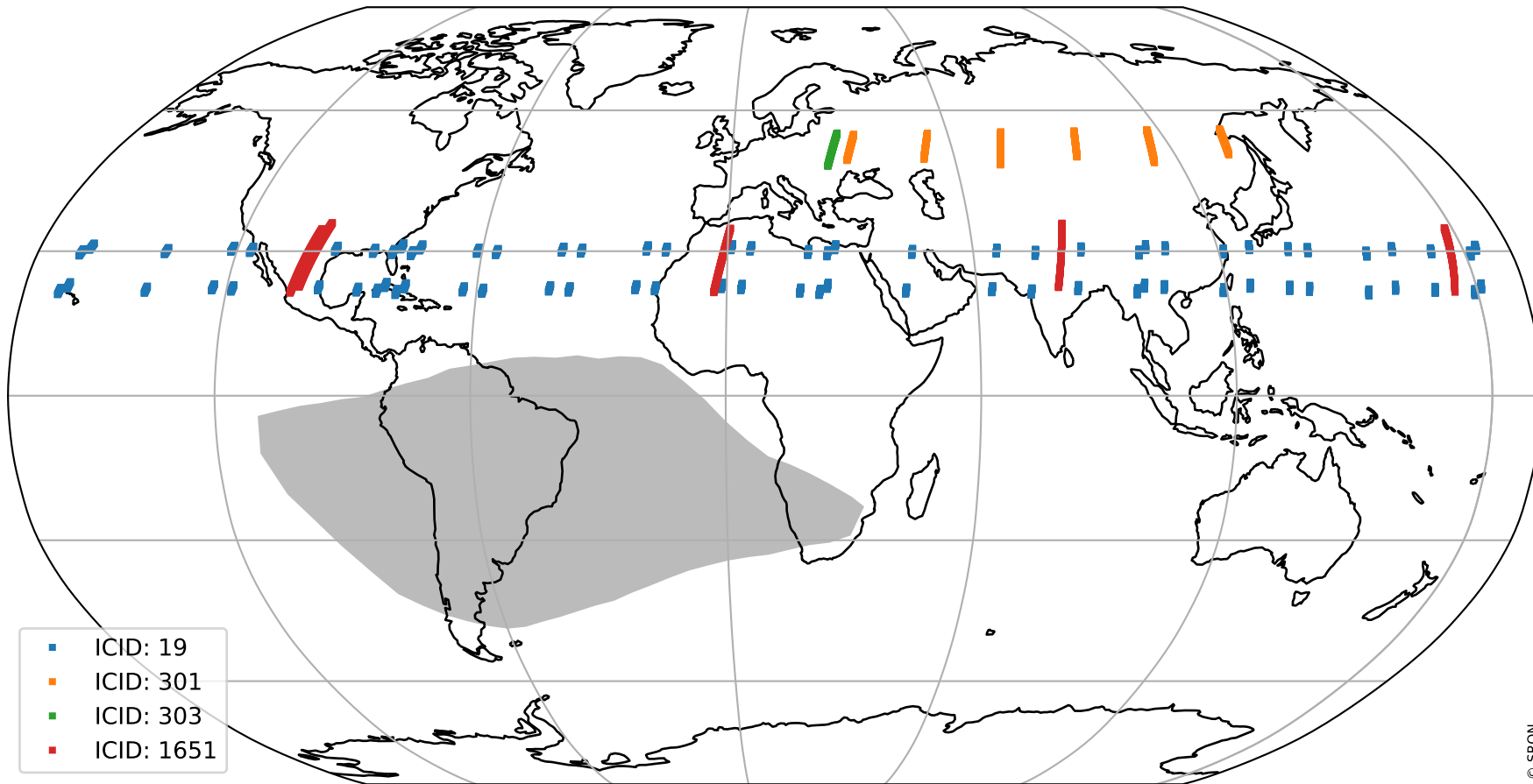
orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
median : 0.9835
spread : 0.16296
created : 2023-08-21T16:22:19

normalized read noise



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

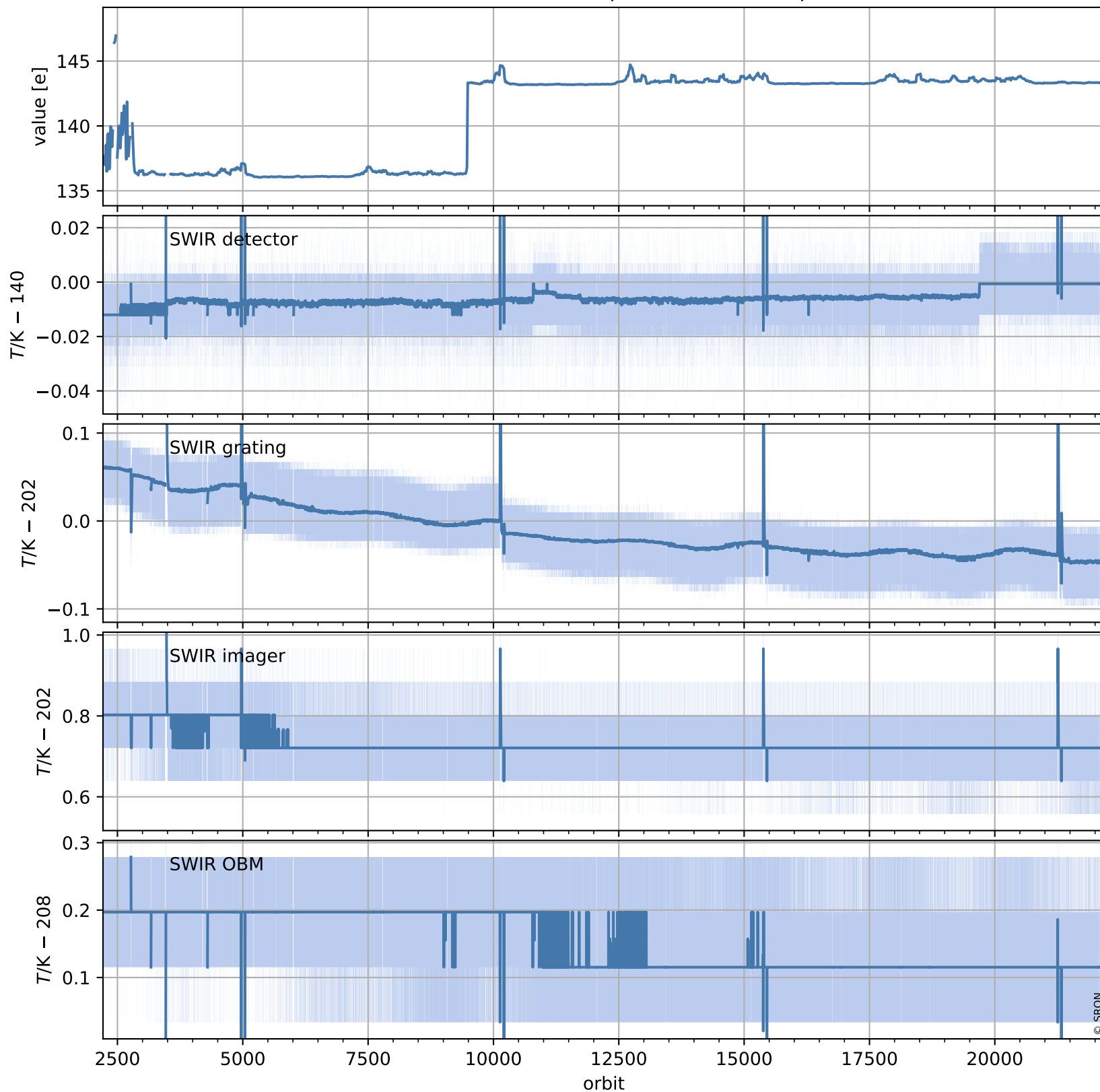
orbits : 12 in [22102, 22192]
coverage : 2022-01-18 / 2022-01-24
created : 2023-08-21T16:22:19



Tropomi SWIR background noise (swir)

orbits : [2212, 22192]
coverage : 2018-03-18 / 2022-01-24
created : 2023-08-21T16:22:20

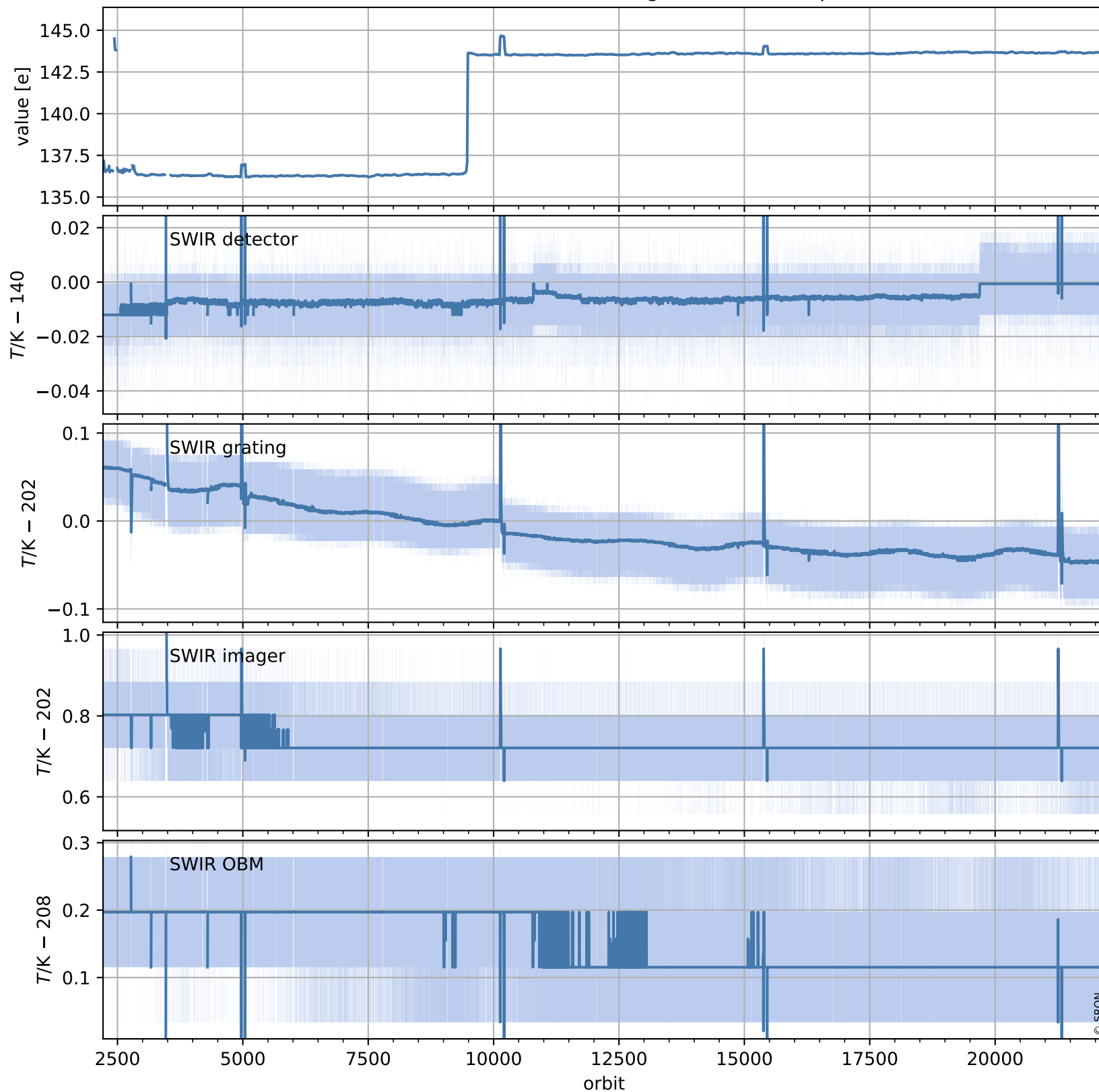
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22192]
coverage : 2018-03-18 / 2022-01-24
created : 2023-08-21T16:22:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22192]
coverage : 2018-03-18 / 2022-01-24
created : 2023-08-21T16:22:22

trend of normalized read-noise & temperatures

