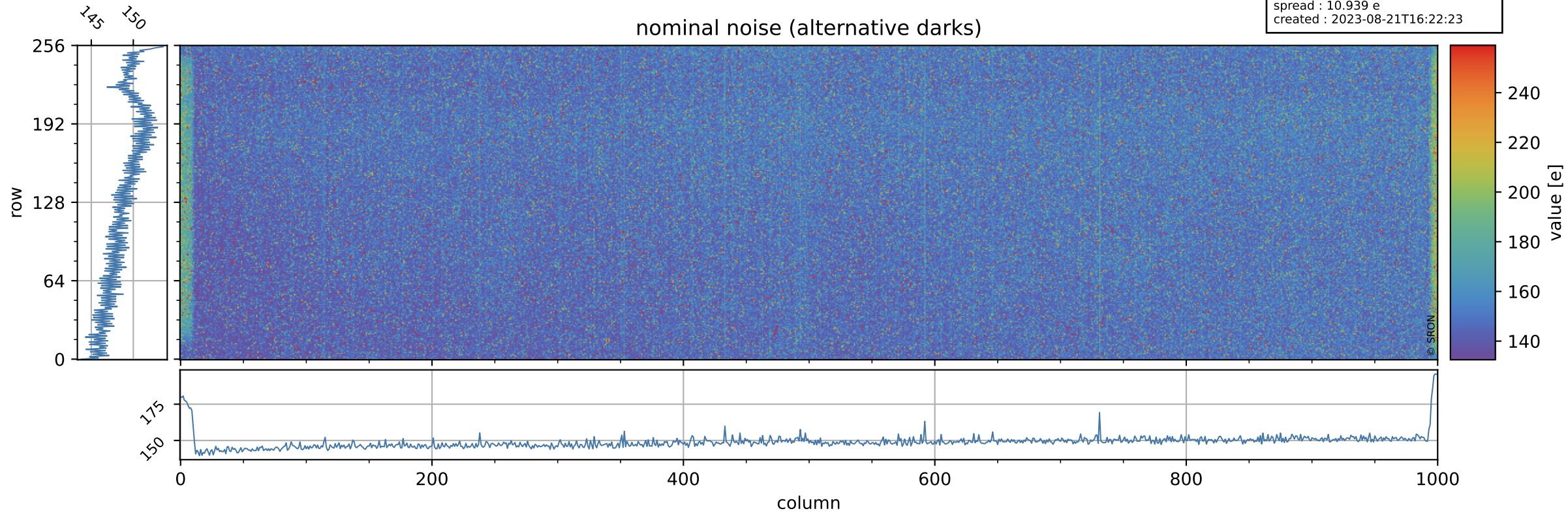


Tropomi SWIR background noise (swir)

orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.939 e
created : 2023-08-21T16:22:23

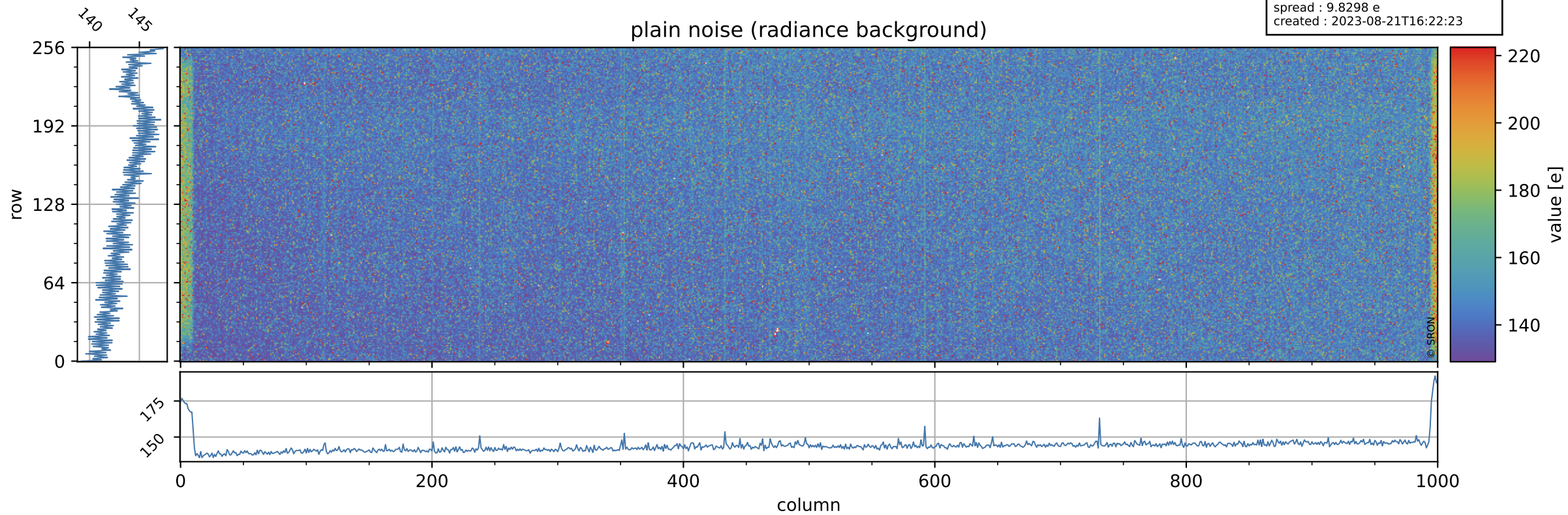
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8298 e
created : 2023-08-21T16:22:23

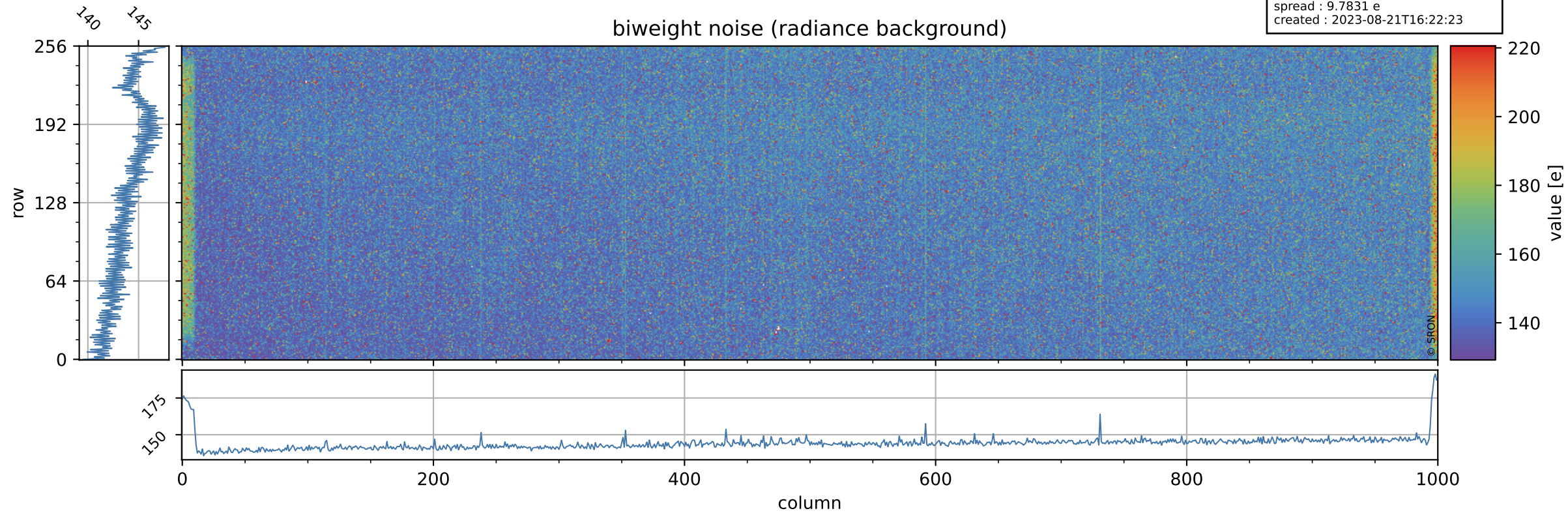
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.7831 e
created : 2023-08-21T16:22:23

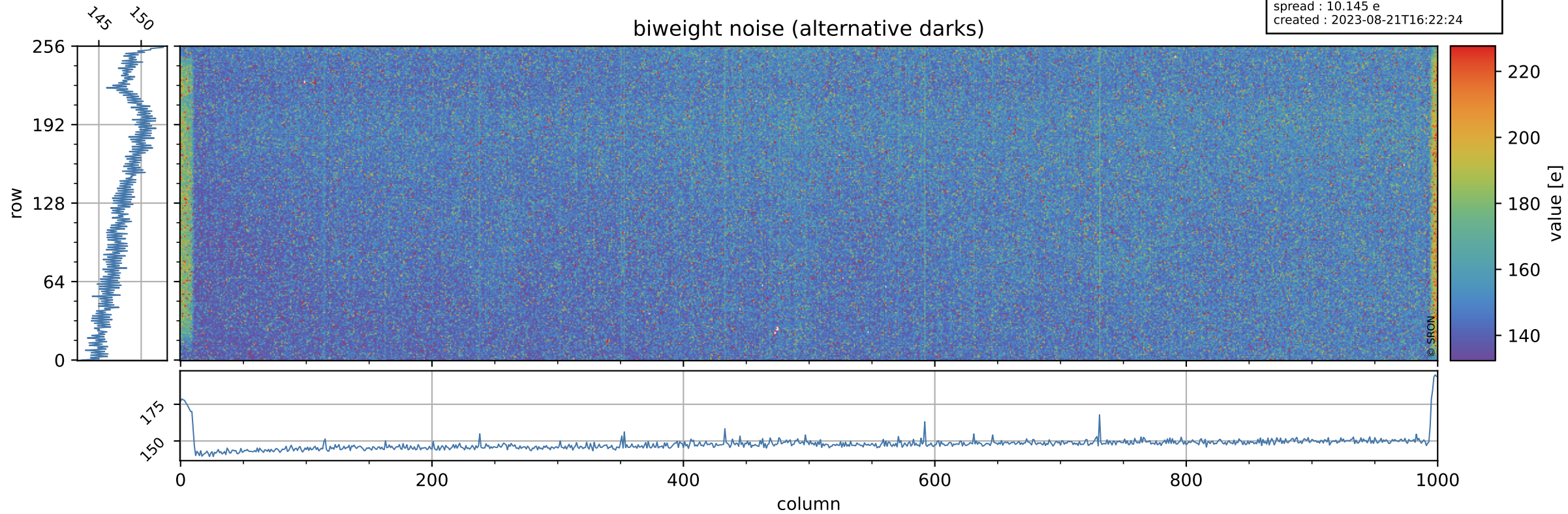
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.145 e
created : 2023-08-21T16:22:24

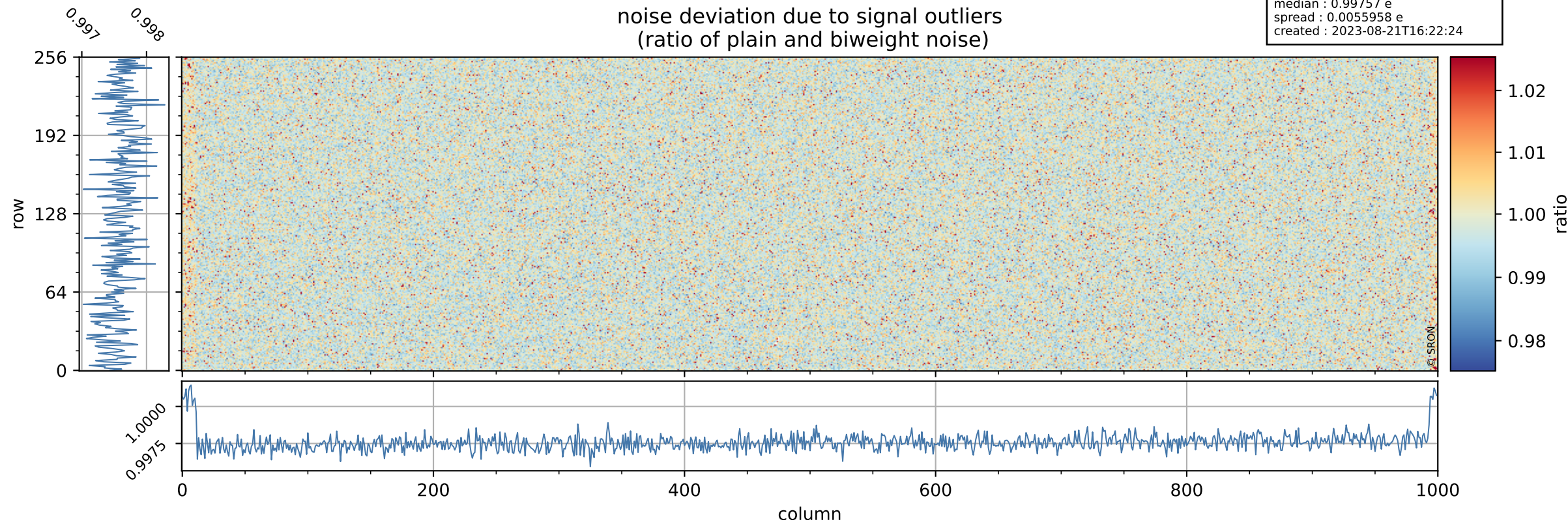
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

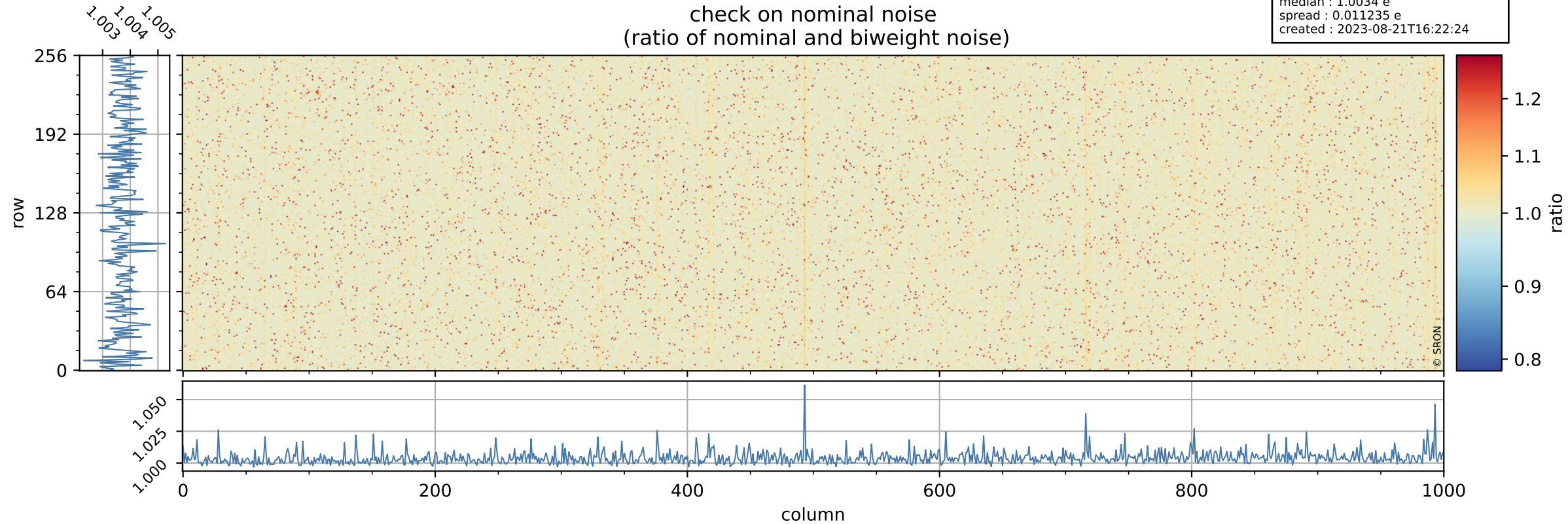
orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
median : 0.99757 e
spread : 0.0055958 e
created : 2023-08-21T16:22:24



Tropomi SWIR background noise (swir)

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

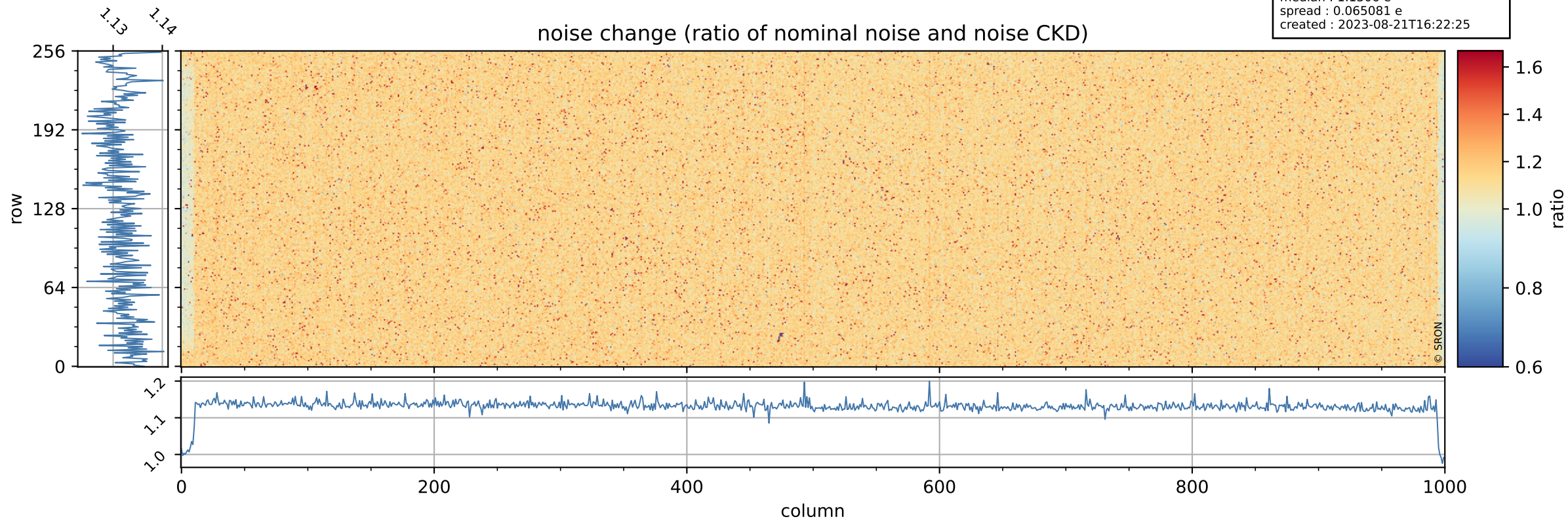
orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
median : 1.0034 e
spread : 0.011235 e
created : 2023-08-21T16:22:24



Tropomi SWIR background noise (swir)

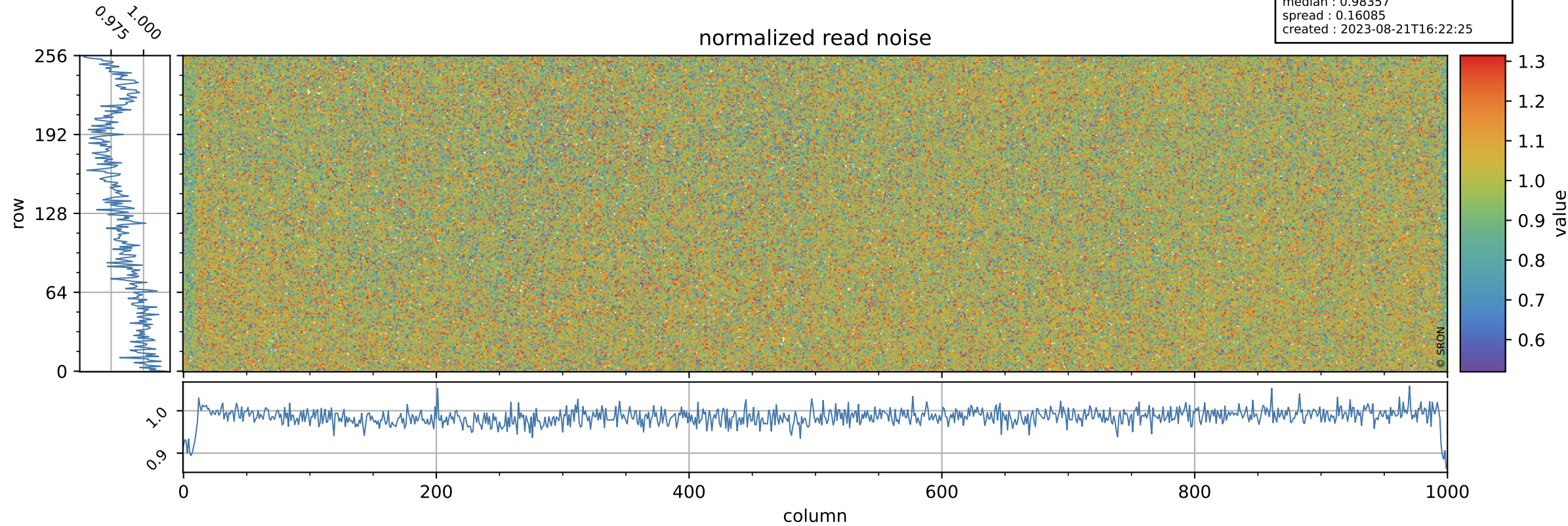
orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
median : 1.1306 e
spread : 0.065081 e
created : 2023-08-21T16:22:25

noise change (ratio of nominal noise and noise CKD)



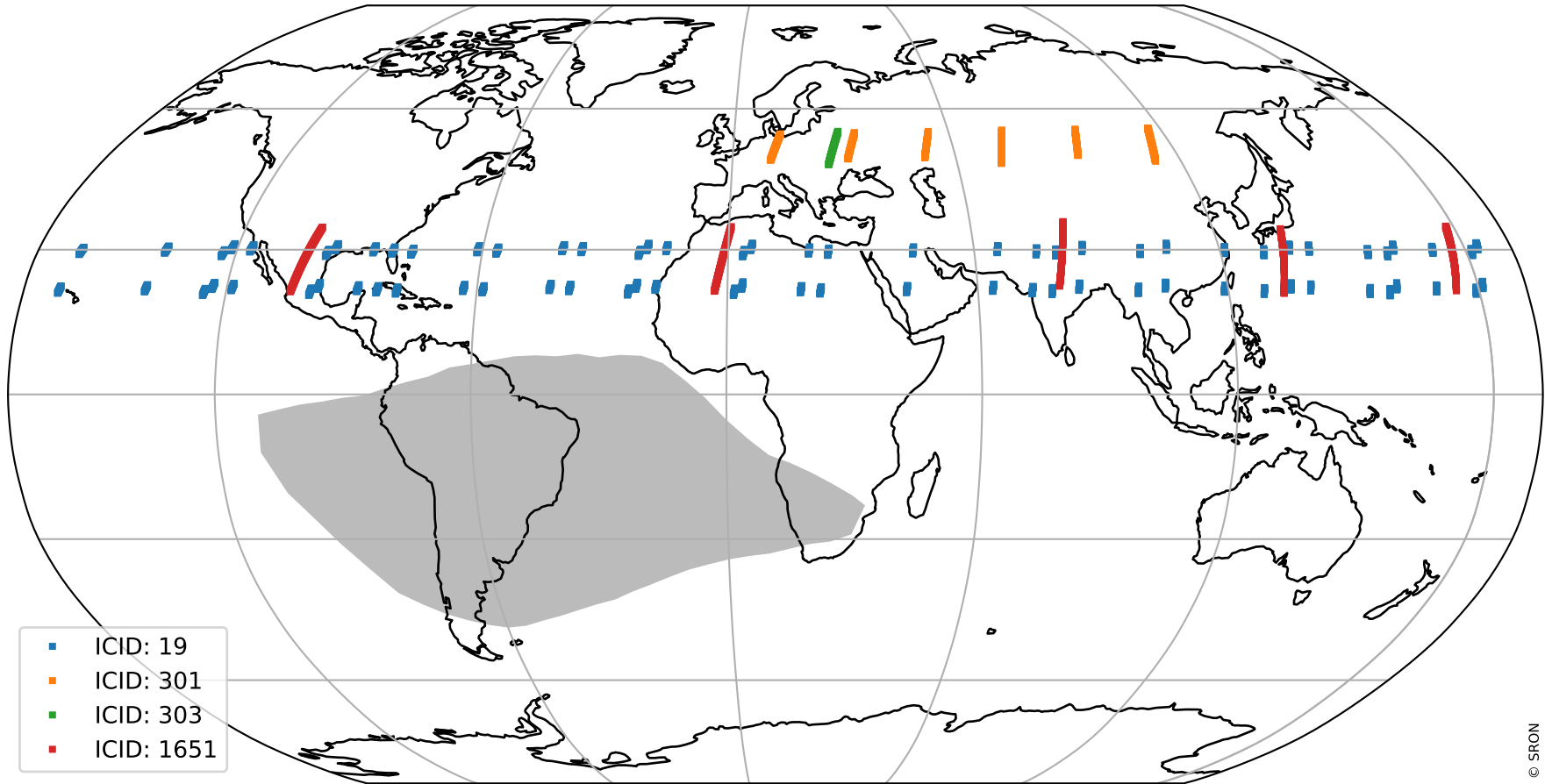
Tropomi SWIR background noise (swir)

orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
median : 0.98357
spread : 0.16085
created : 2023-08-21T16:22:25



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

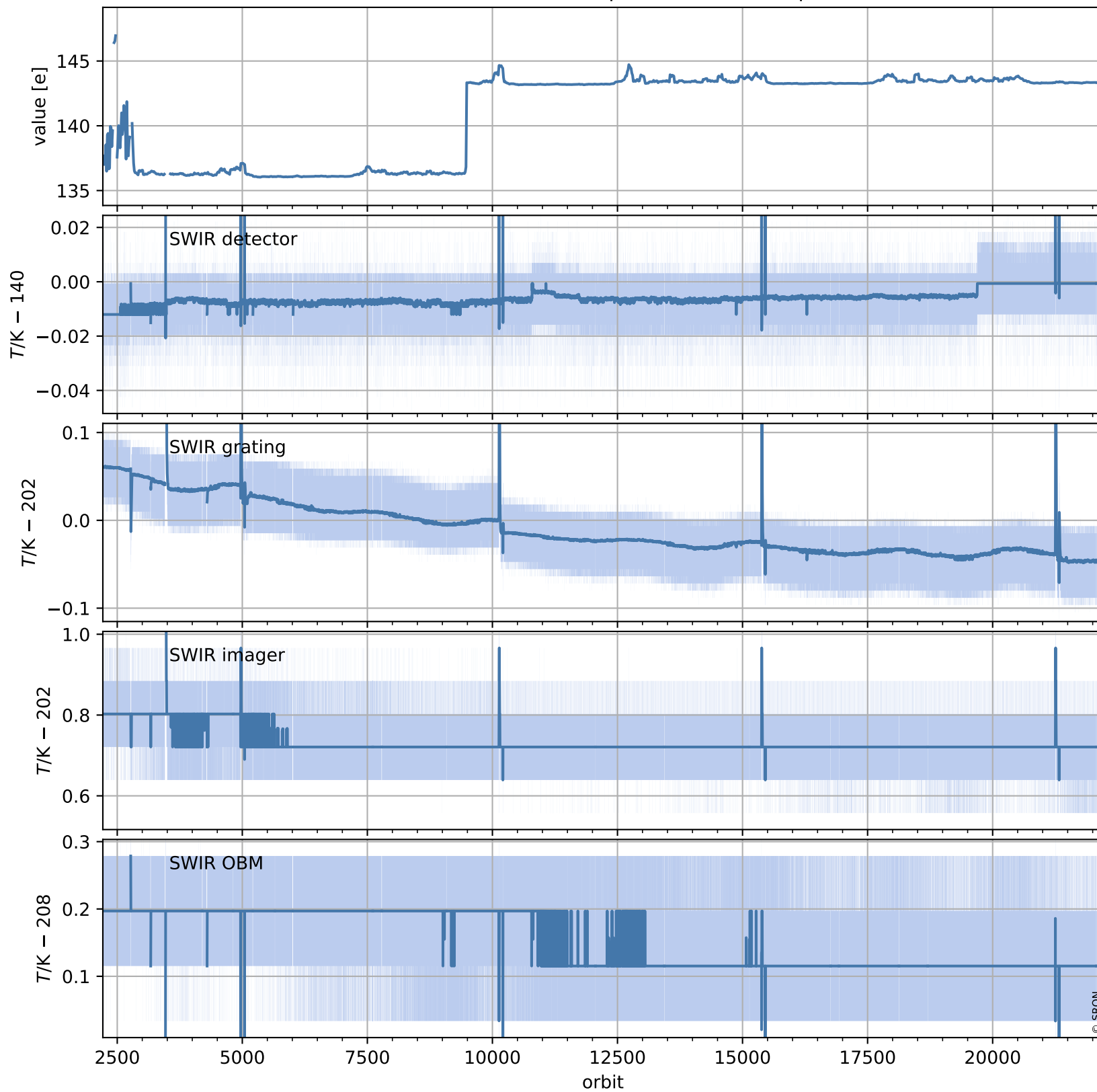
orbits : 12 in [22117, 22207]
coverage : 2022-01-19 / 2022-01-25
created : 2023-08-21T16:22:25



Tropomi SWIR background noise (swir)

orbits : [2212, 22207]
coverage : 2018-03-18 / 2022-01-25
created : 2023-08-21T16:22:26

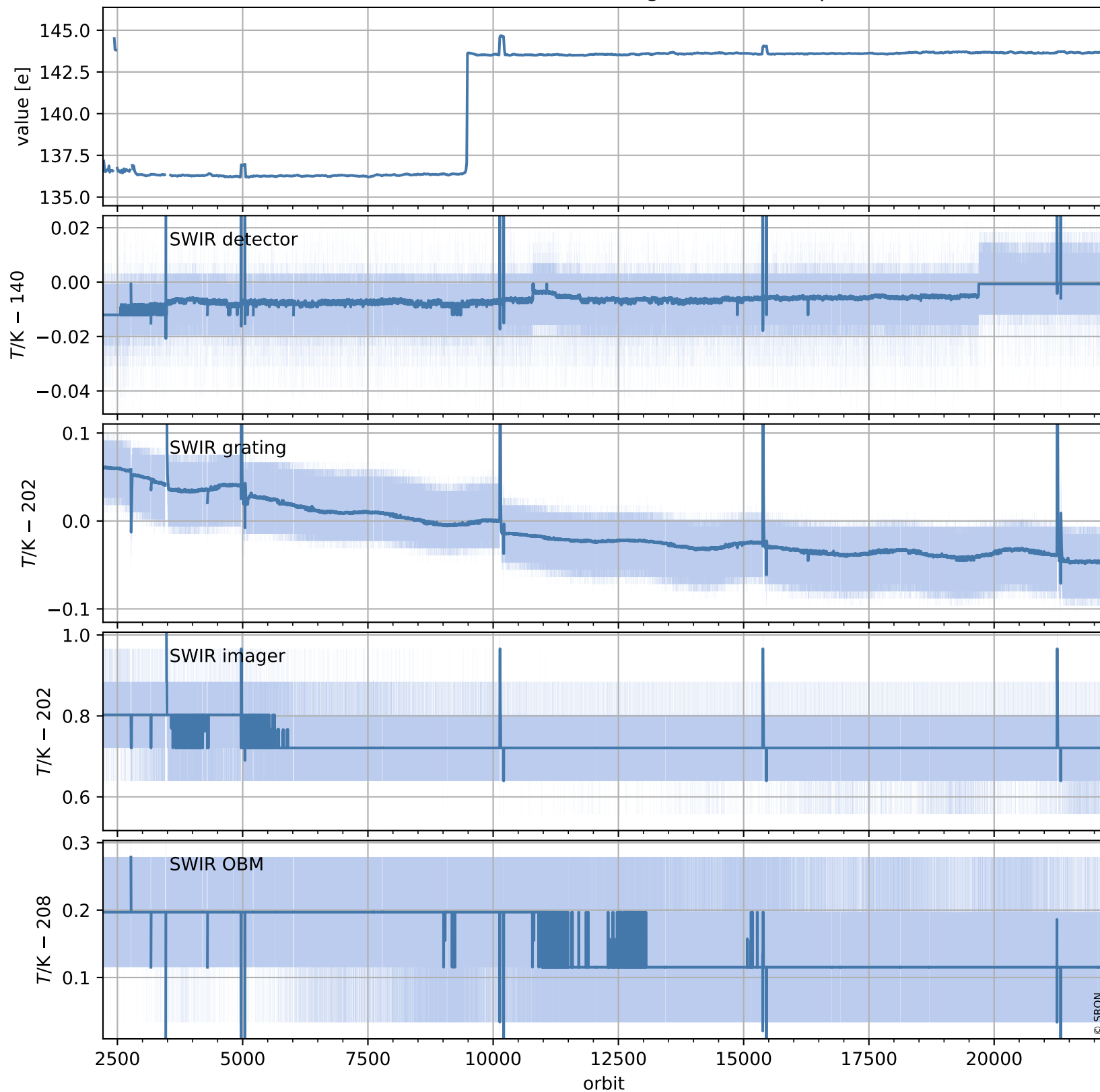
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22207]
coverage : 2018-03-18 / 2022-01-25
created : 2023-08-21T16:22:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22207]
coverage : 2018-03-18 / 2022-01-25
created : 2023-08-21T16:22:27

trend of normalized read-noise & temperatures

