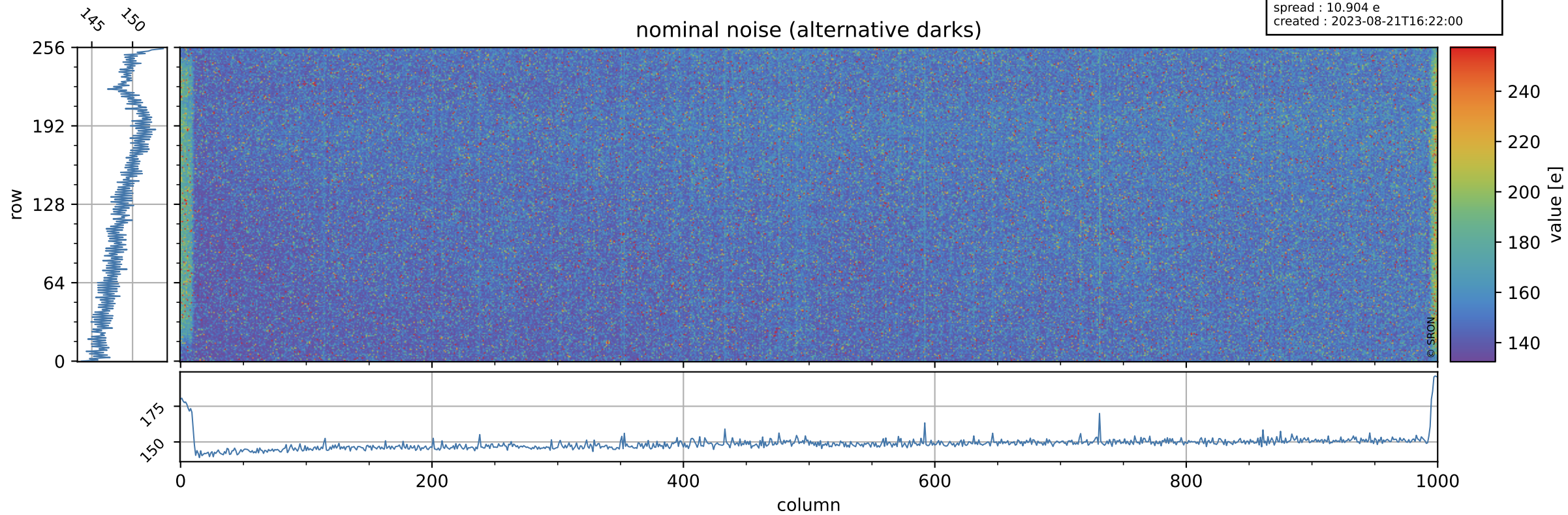


Tropomi SWIR background noise (swir)

orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.904 e
created : 2023-08-21T16:22:00

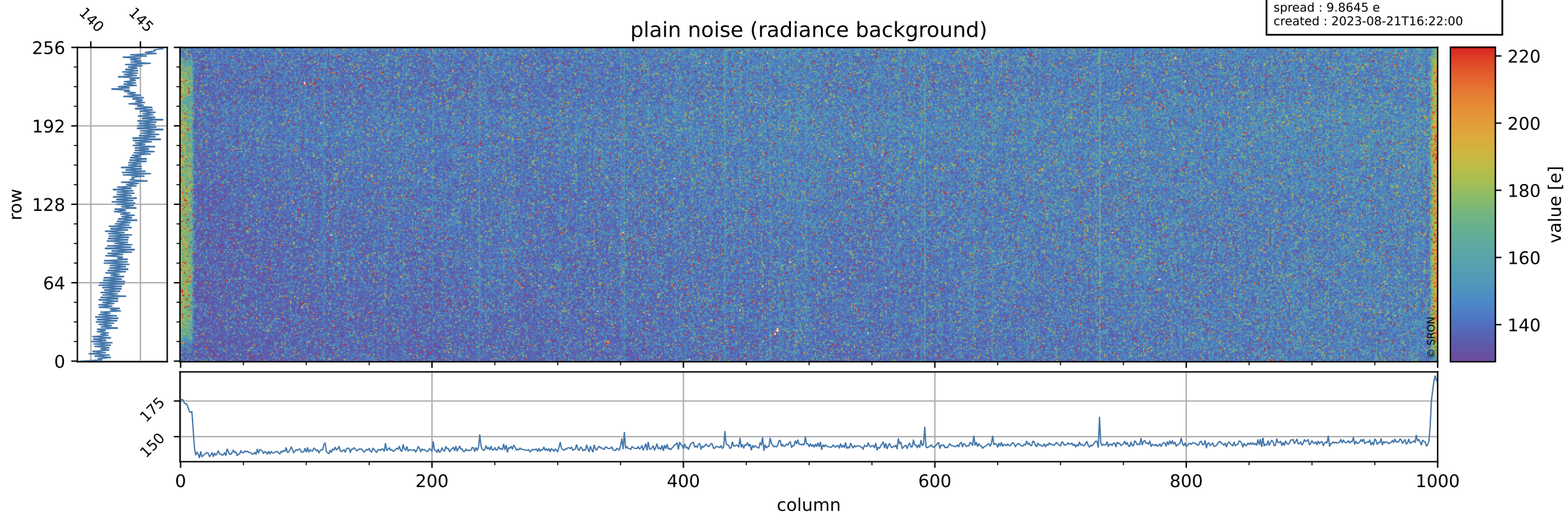
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8645 e
created : 2023-08-21T16:22:00

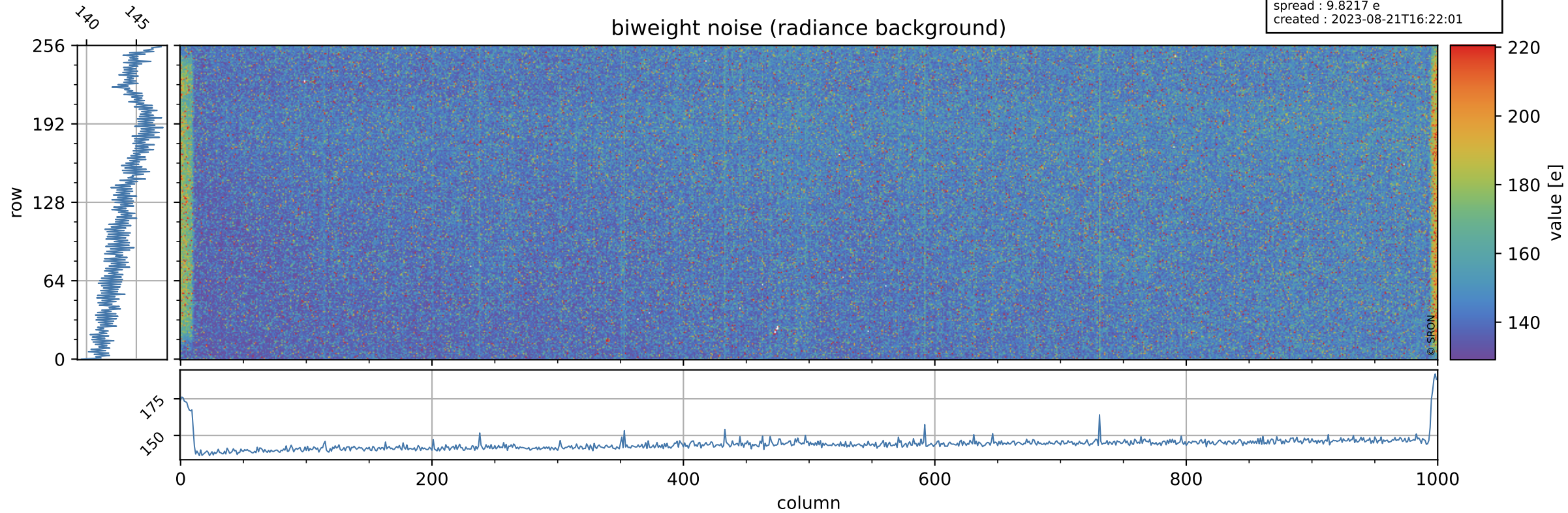
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8217 e
created : 2023-08-21T16:22:01

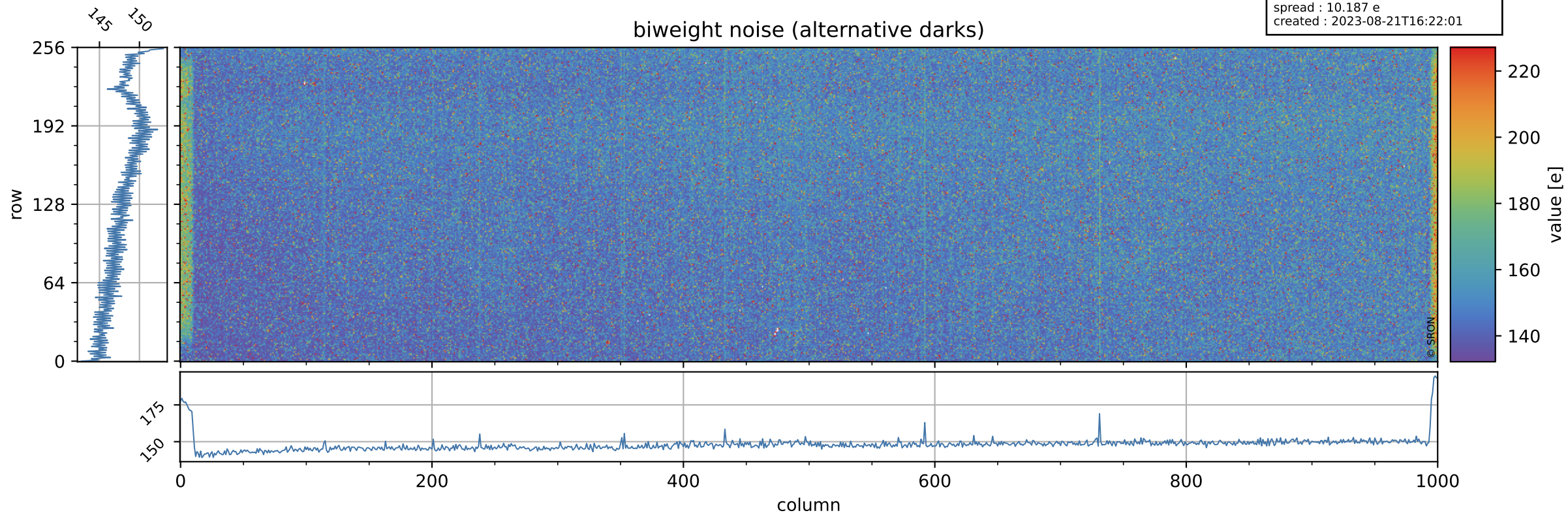
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.187 e
created : 2023-08-21T16:22:01

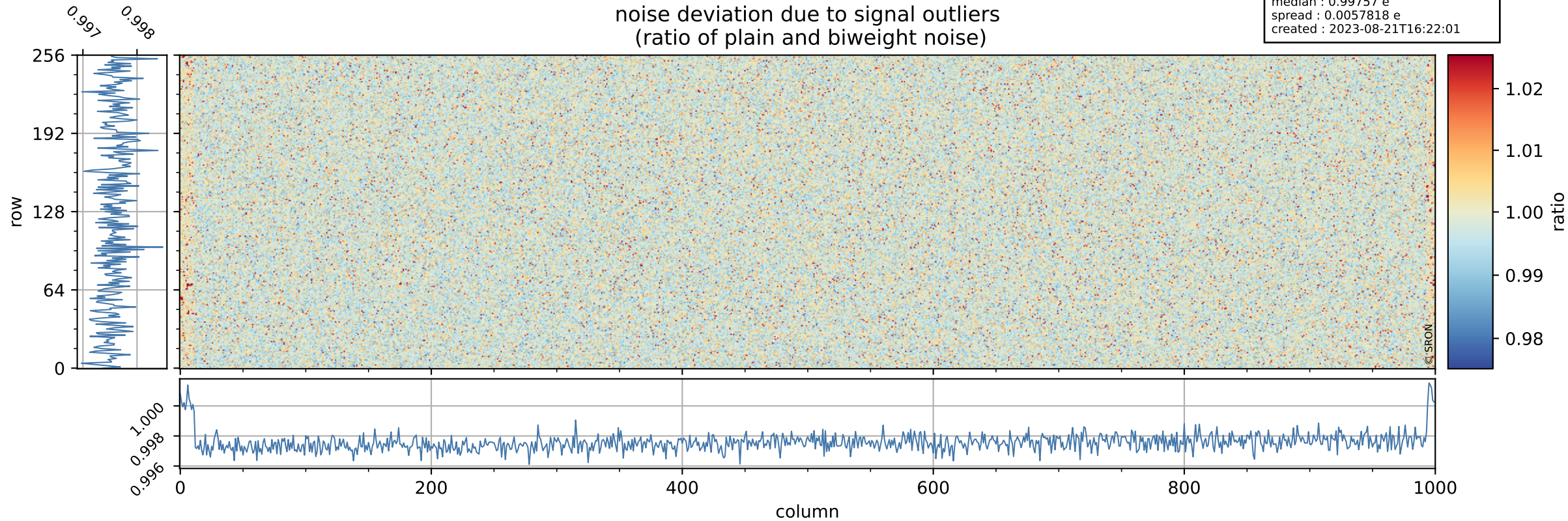
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

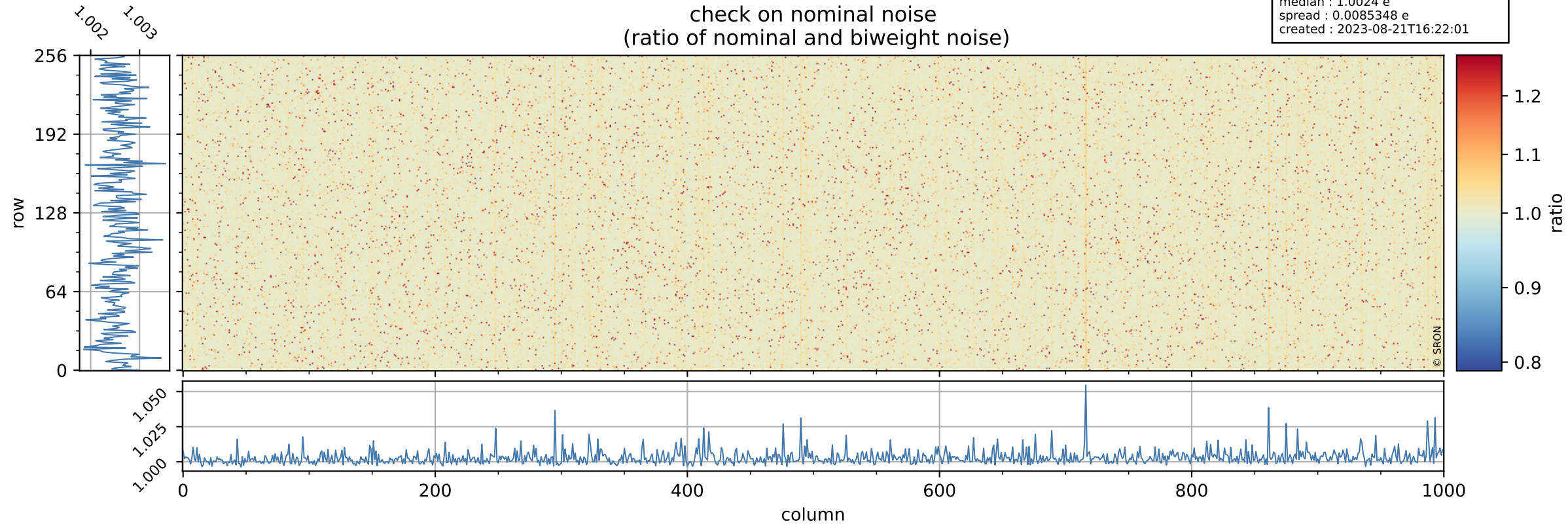
orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
median : 0.99757 e
spread : 0.0057818 e
created : 2023-08-21T16:22:01



Tropomi SWIR background noise (swir)

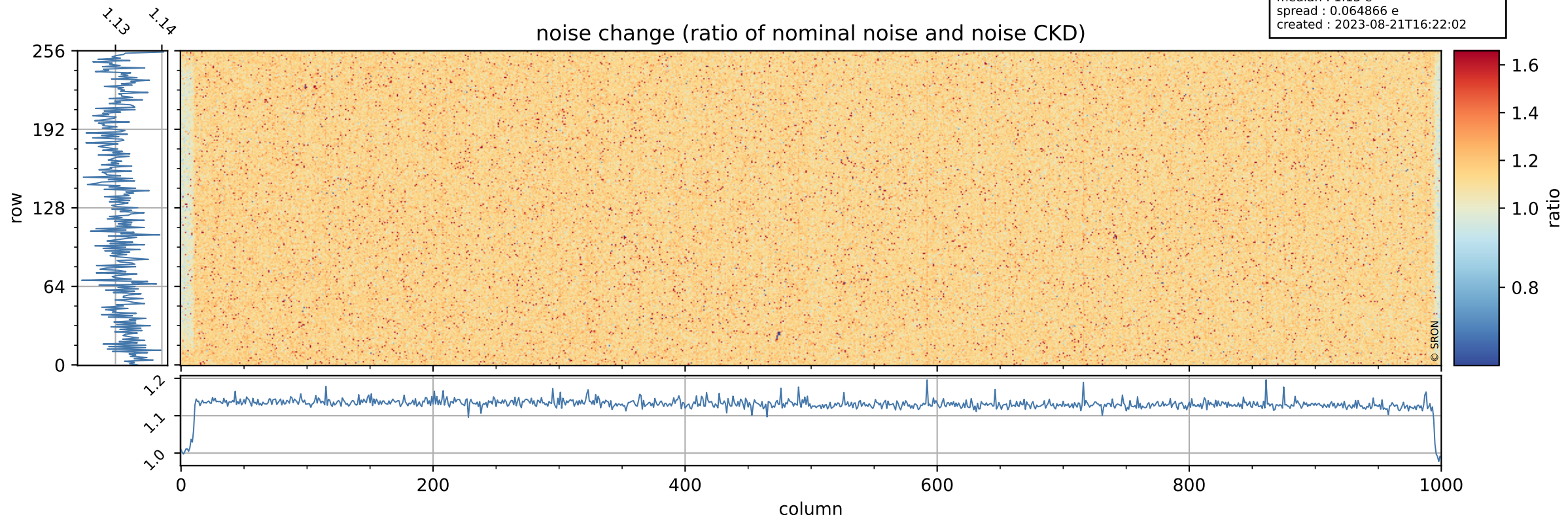
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
median : 1.0024 e
spread : 0.0085348 e
created : 2023-08-21T16:22:01



Tropomi SWIR background noise (swir)

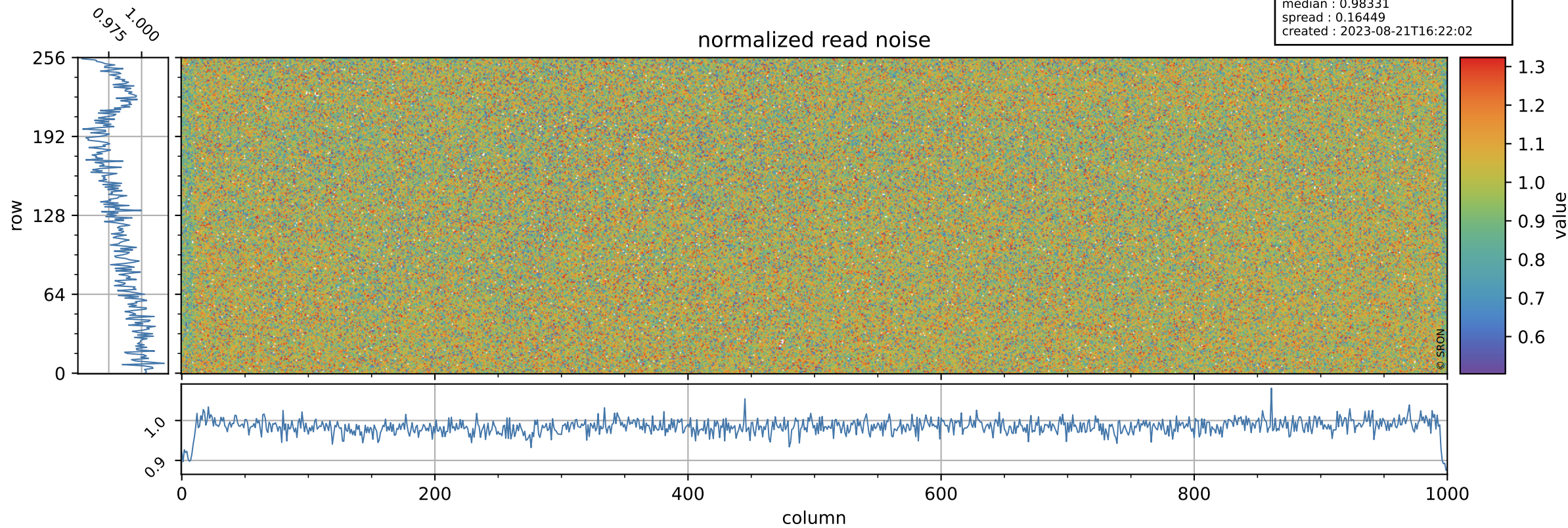
orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
median : 1.13 e
spread : 0.064866 e
created : 2023-08-21T16:22:02



Tropomi SWIR background noise (swir)

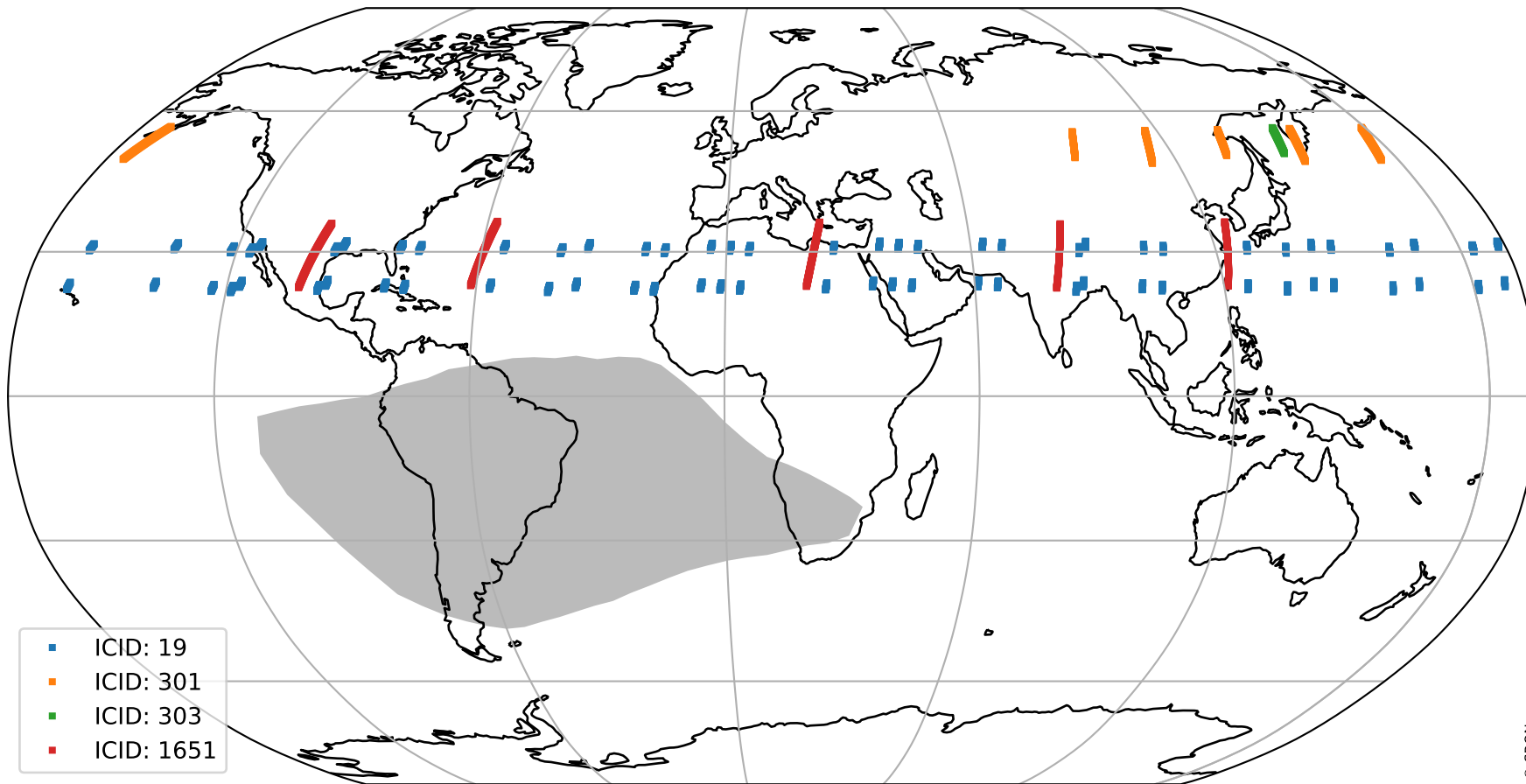
orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
median : 0.98331
spread : 0.16449
created : 2023-08-21T16:22:02

normalized read noise



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

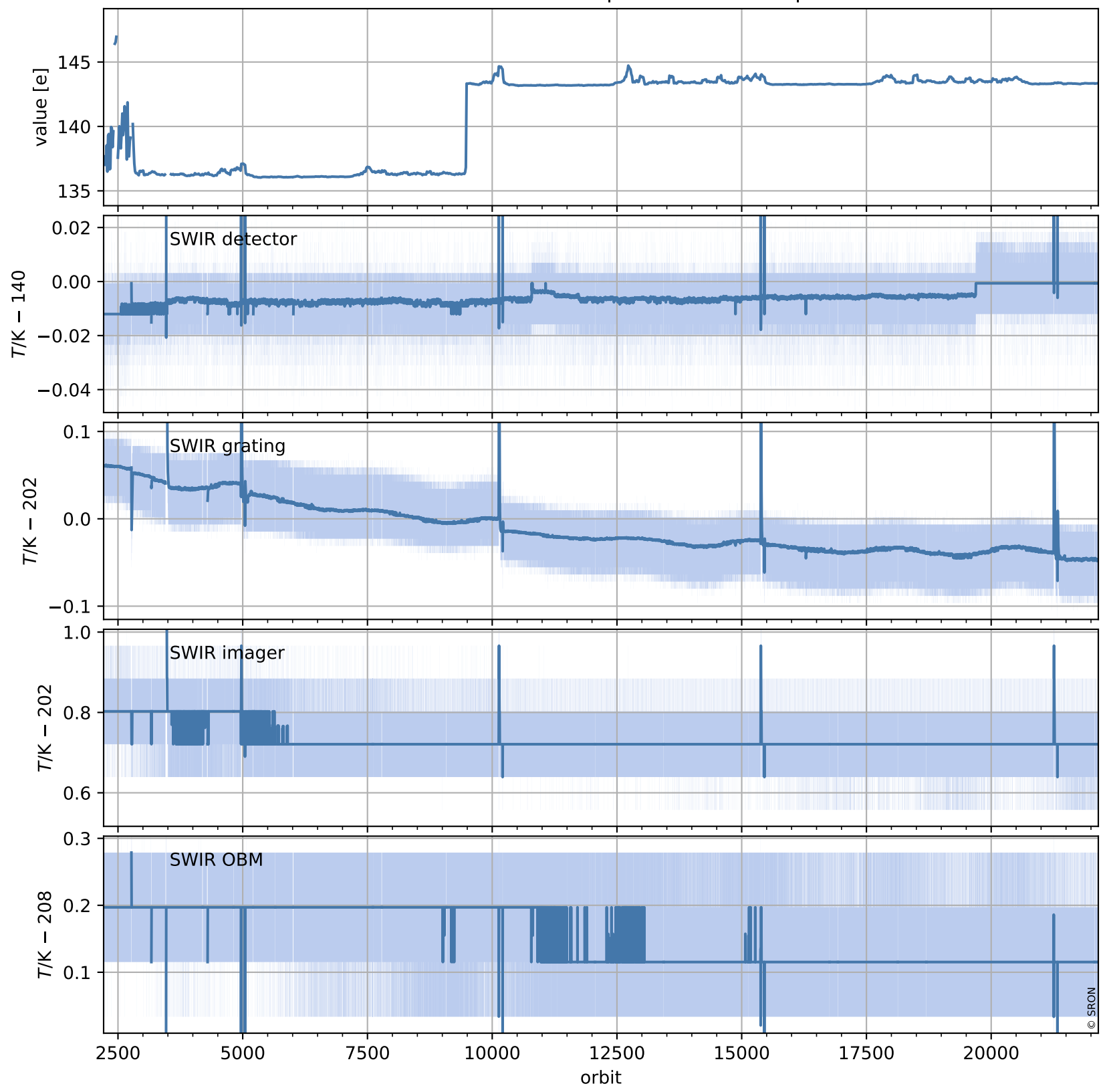
orbits : 12 in [22072, 22147]
coverage : 2022-01-15 / 2022-01-20
created : 2023-08-21T16:22:02



Tropomi SWIR background noise (swir)

orbits : [2212, 22147]
coverage : 2018-03-18 / 2022-01-20
created : 2023-08-21T16:22:03

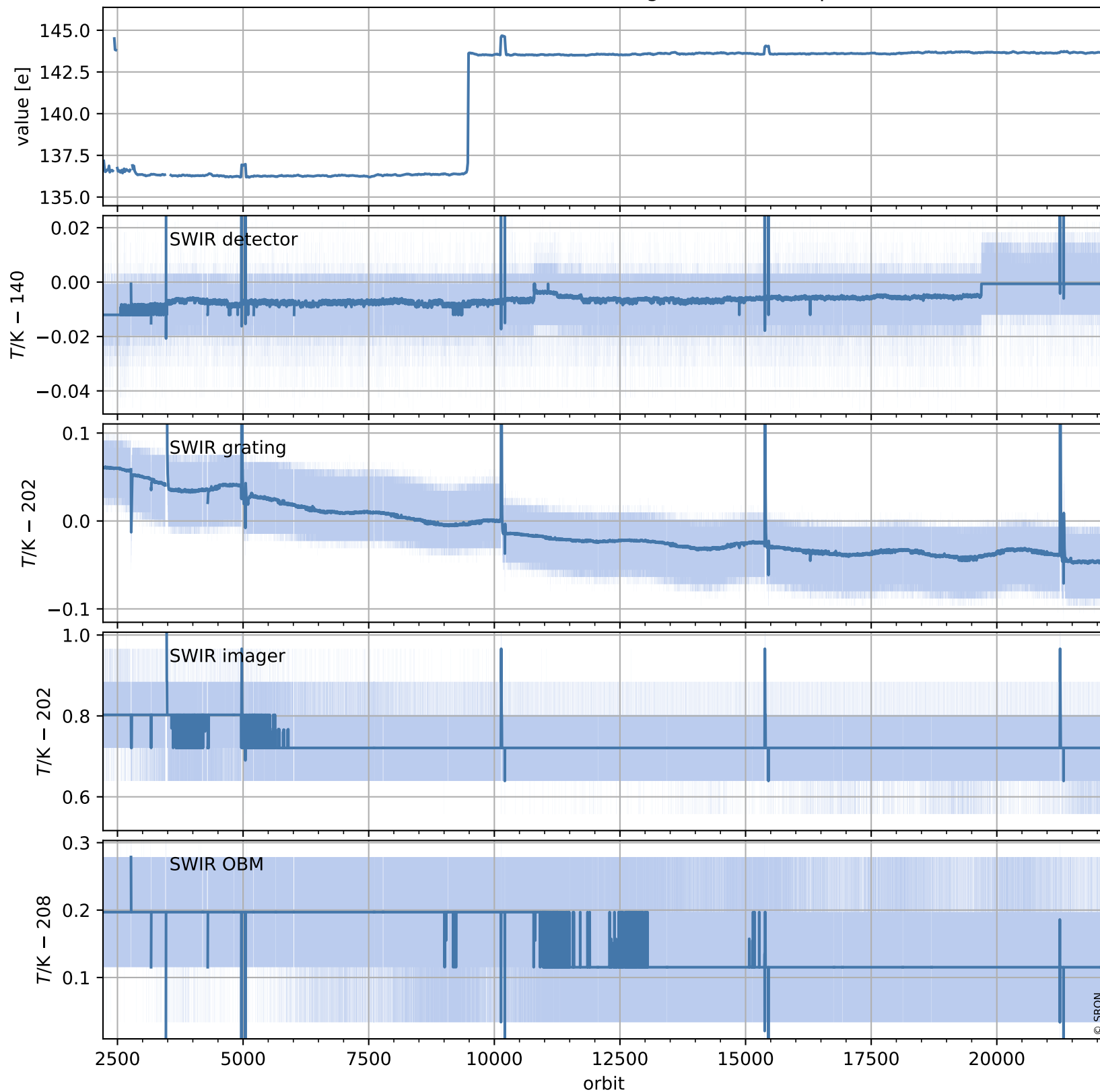
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22147]
coverage : 2018-03-18 / 2022-01-20
created : 2023-08-21T16:22:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22147]
coverage : 2018-03-18 / 2022-01-20
created : 2023-08-21T16:22:04

trend of normalized read-noise & temperatures

