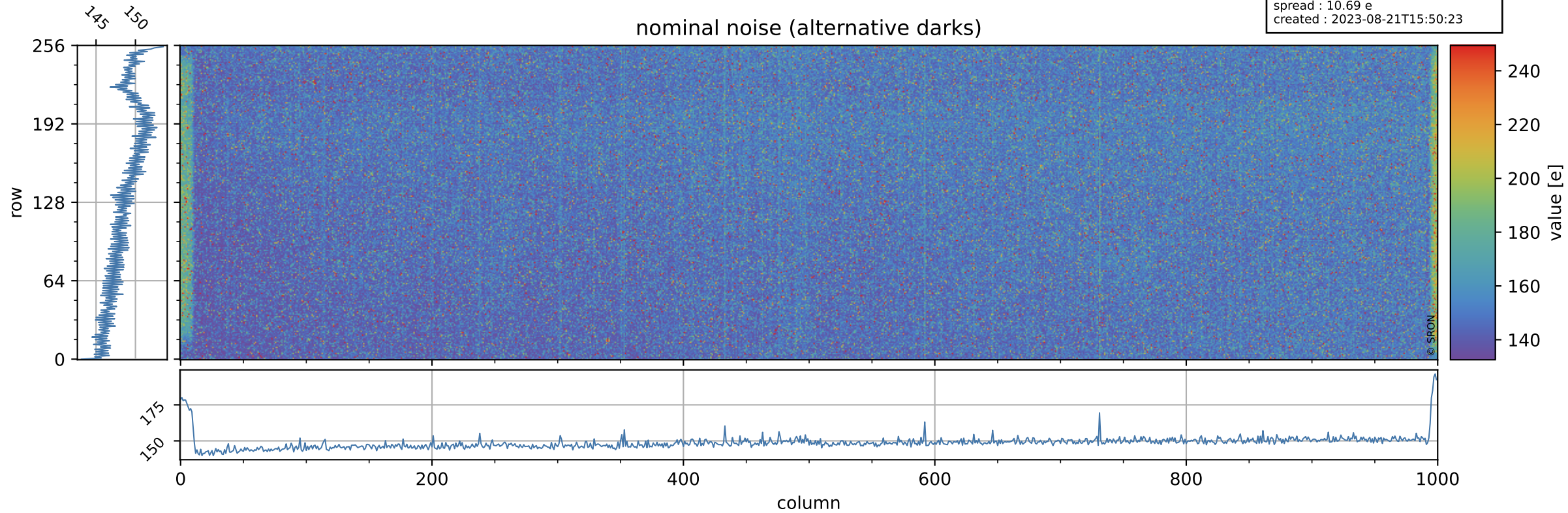


Tropomi SWIR background noise (swir)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.69 e
created : 2023-08-21T15:50:23

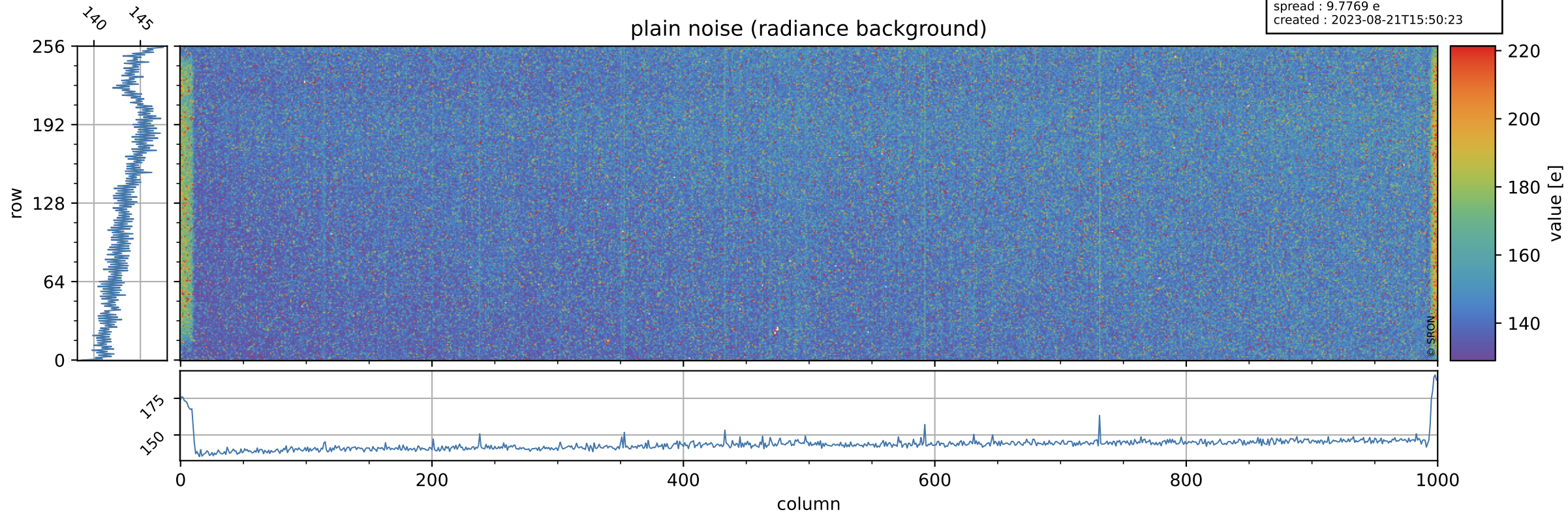
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7769 e
created : 2023-08-21T15:50:23

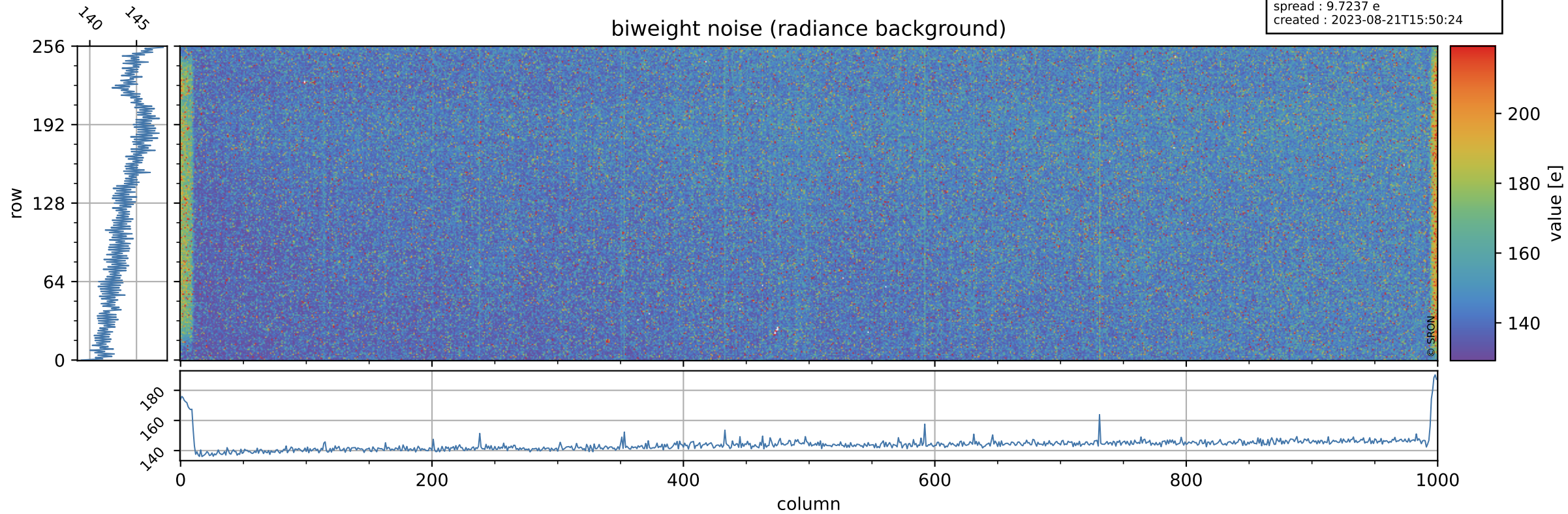
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7237 e
created : 2023-08-21T15:50:24

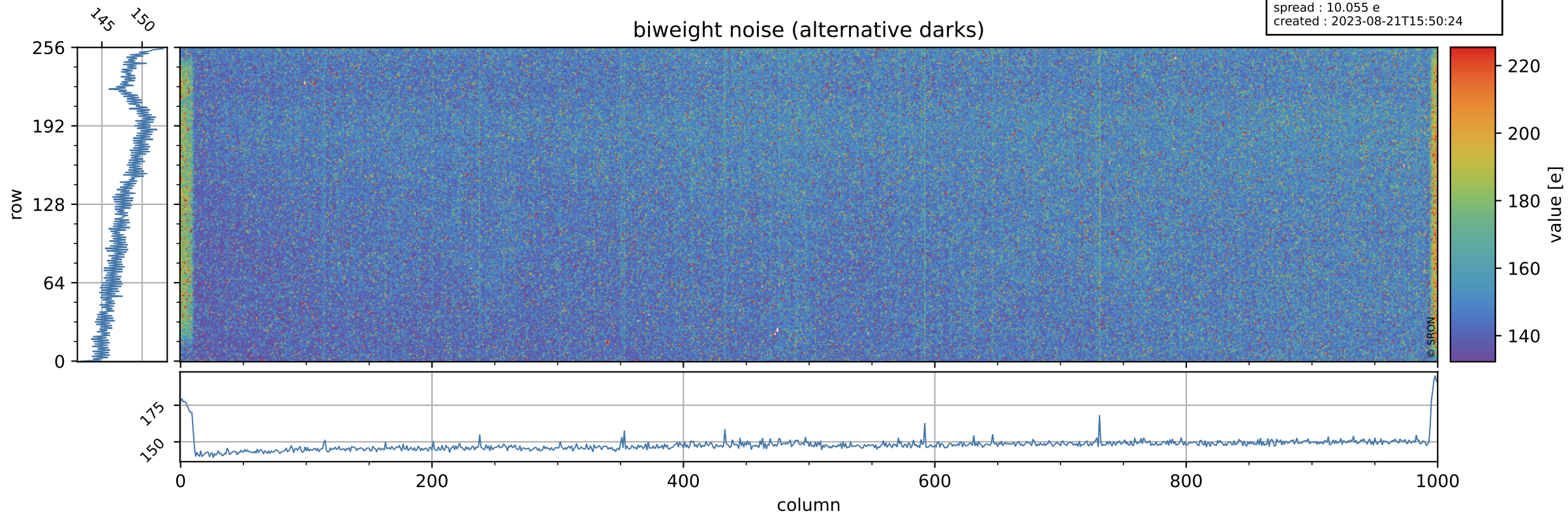
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.055 e
created : 2023-08-21T15:50:24

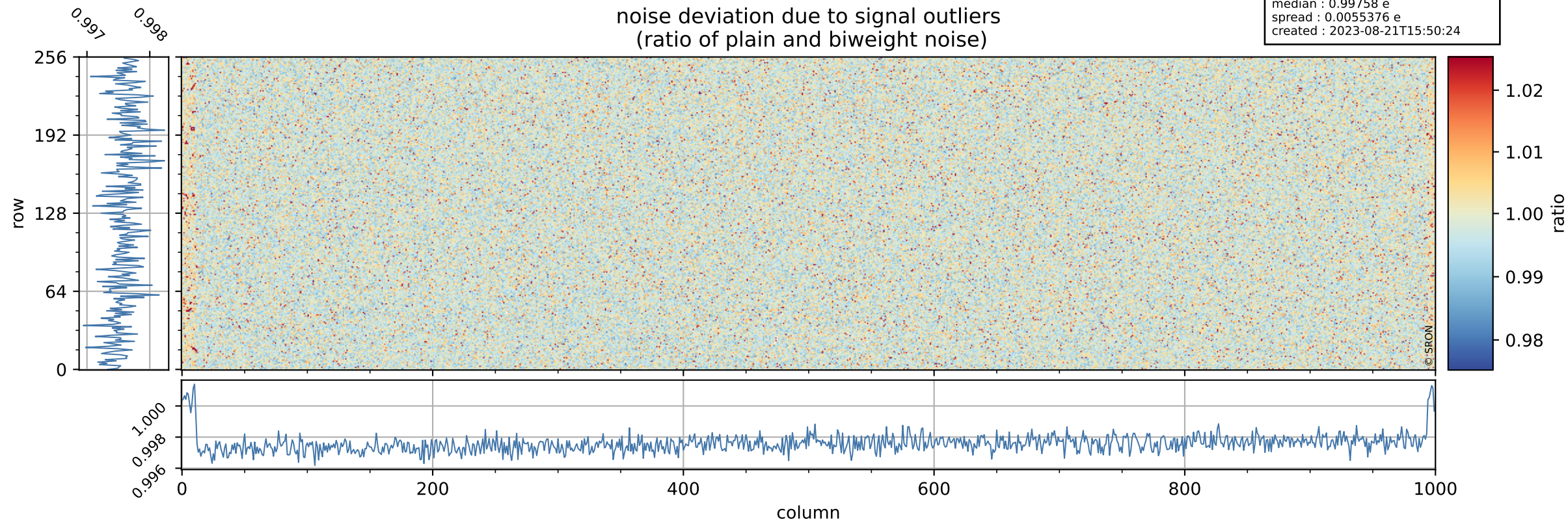
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

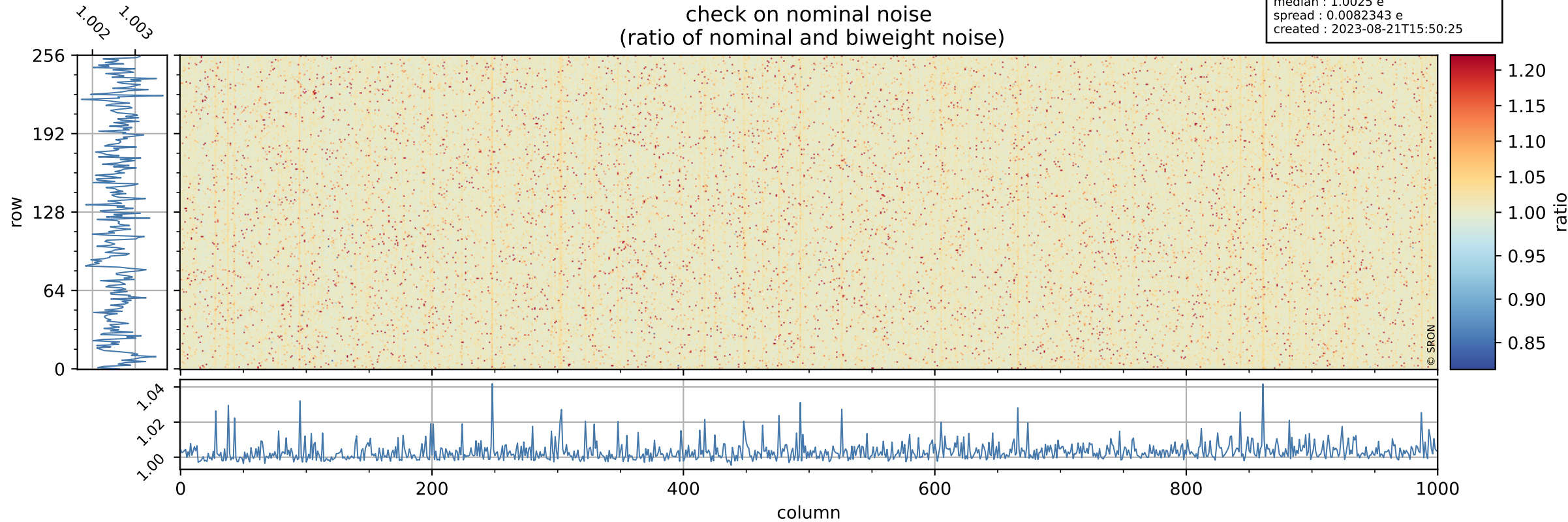
orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
median : 0.99758 e
spread : 0.0055376 e
created : 2023-08-21T15:50:24



Tropomi SWIR background noise (swir)

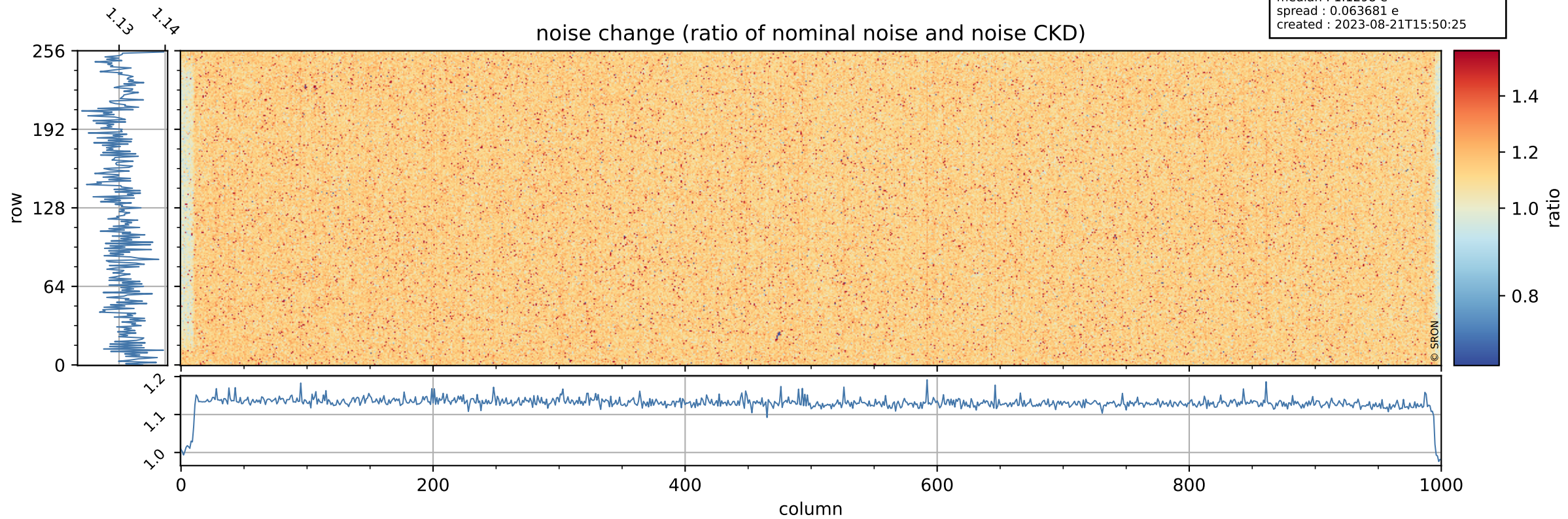
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
median : 1.0025 e
spread : 0.0082343 e
created : 2023-08-21T15:50:25



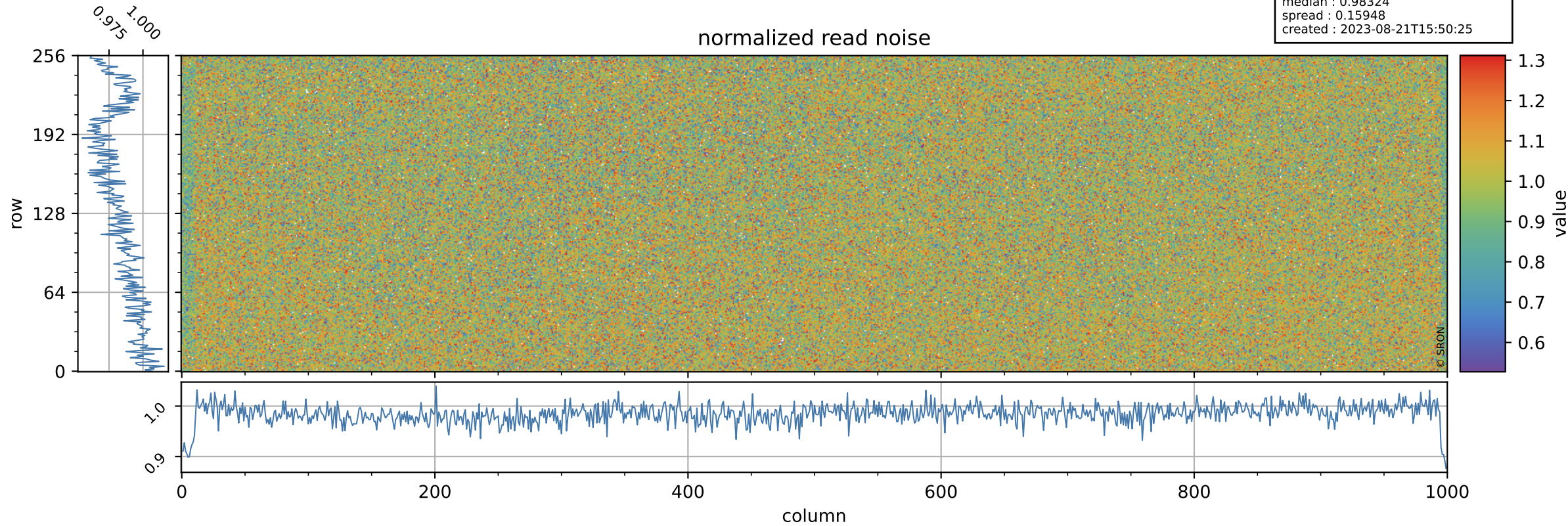
Tropomi SWIR background noise (swir)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
median : 1.1298 e
spread : 0.063681 e
created : 2023-08-21T15:50:25



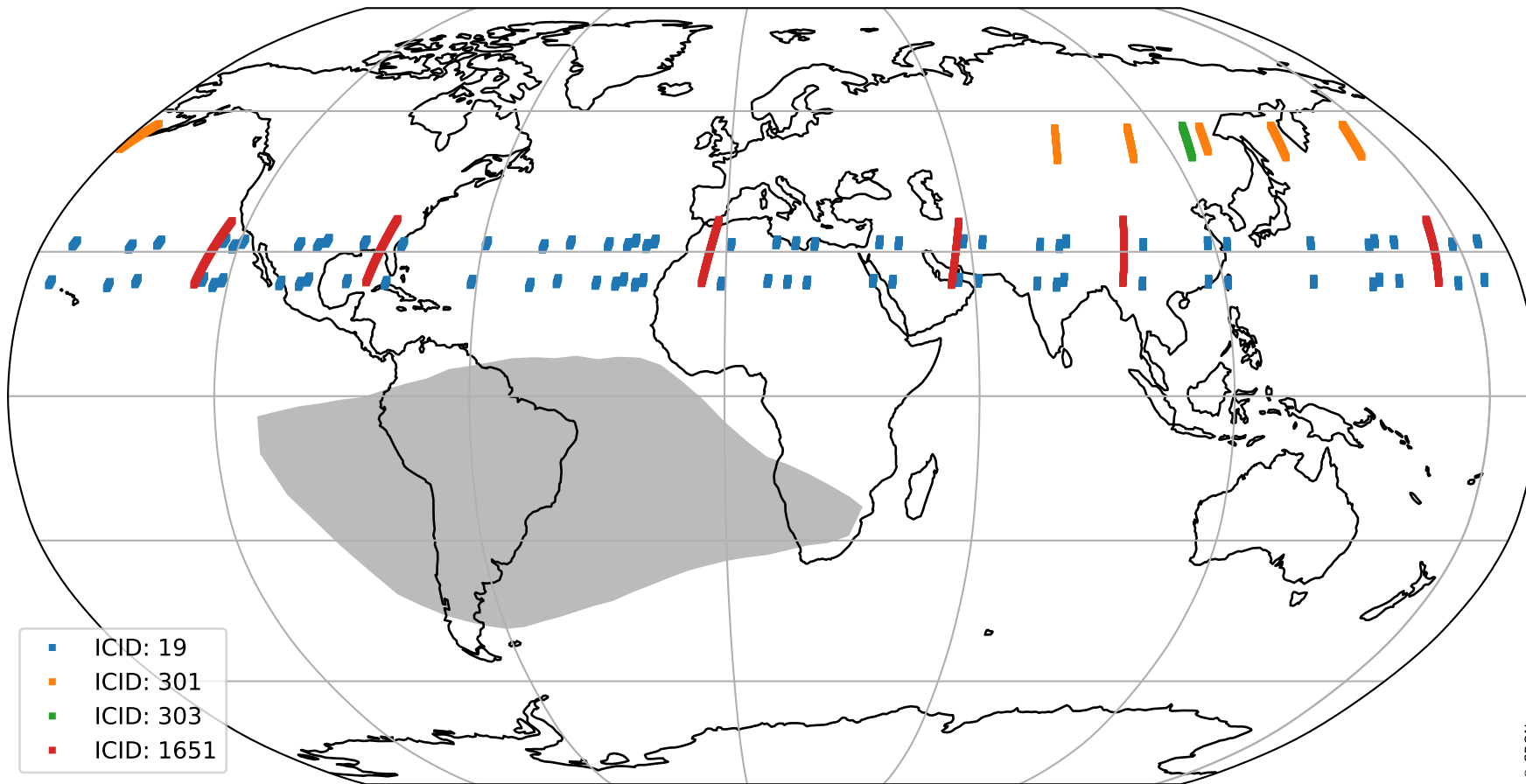
Tropomi SWIR background noise (swir)

orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
median : 0.98324
spread : 0.15948
created : 2023-08-21T15:50:25



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

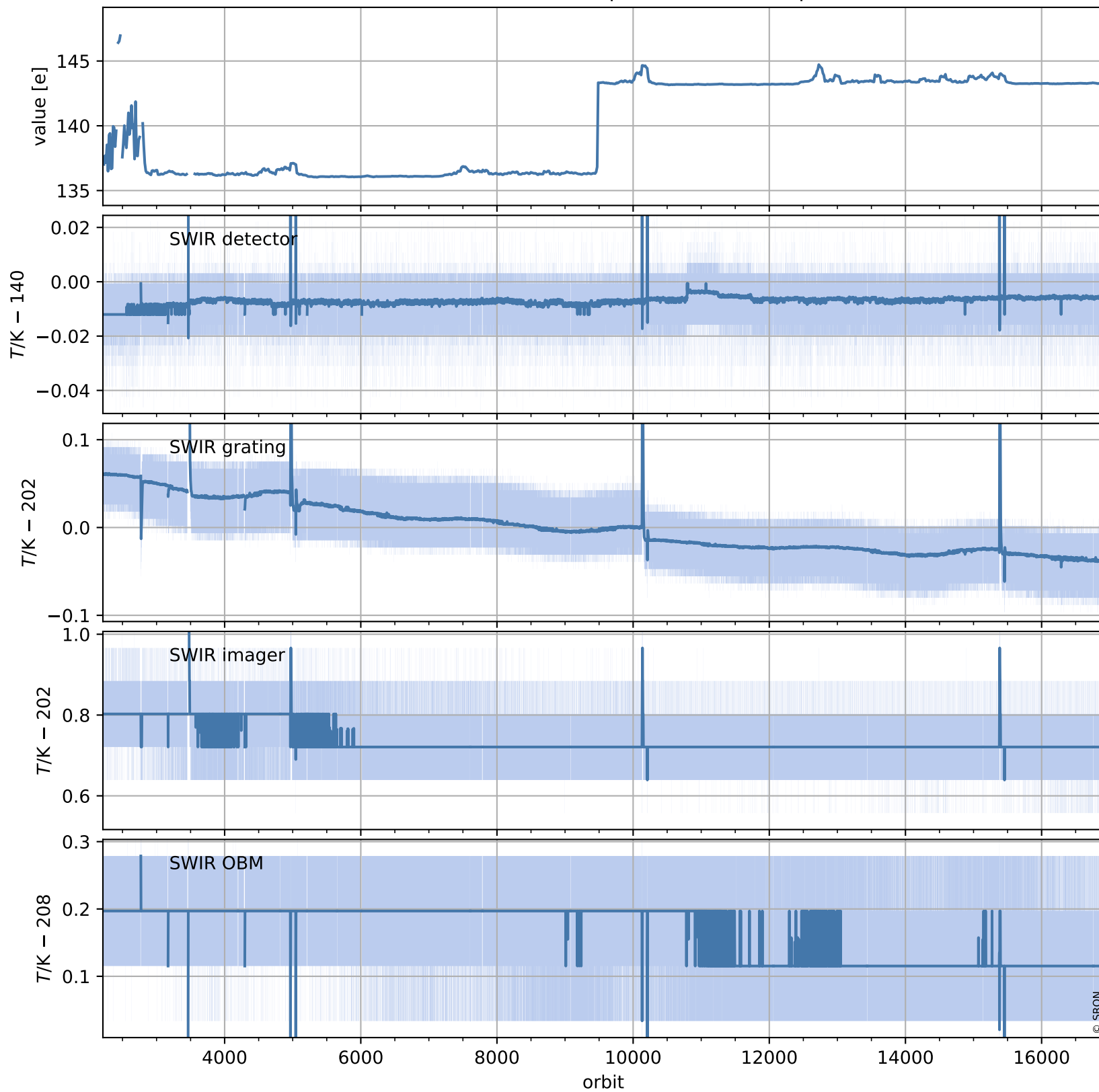
orbits : 13 in [16822, 16912]
coverage : 2021-01-11 / 2021-01-16
created : 2023-08-21T15:50:26



Tropomi SWIR background noise (swir)

orbits : [2212, 16912]
coverage : 2018-03-18 / 2021-01-16
created : 2023-08-21T15:50:26

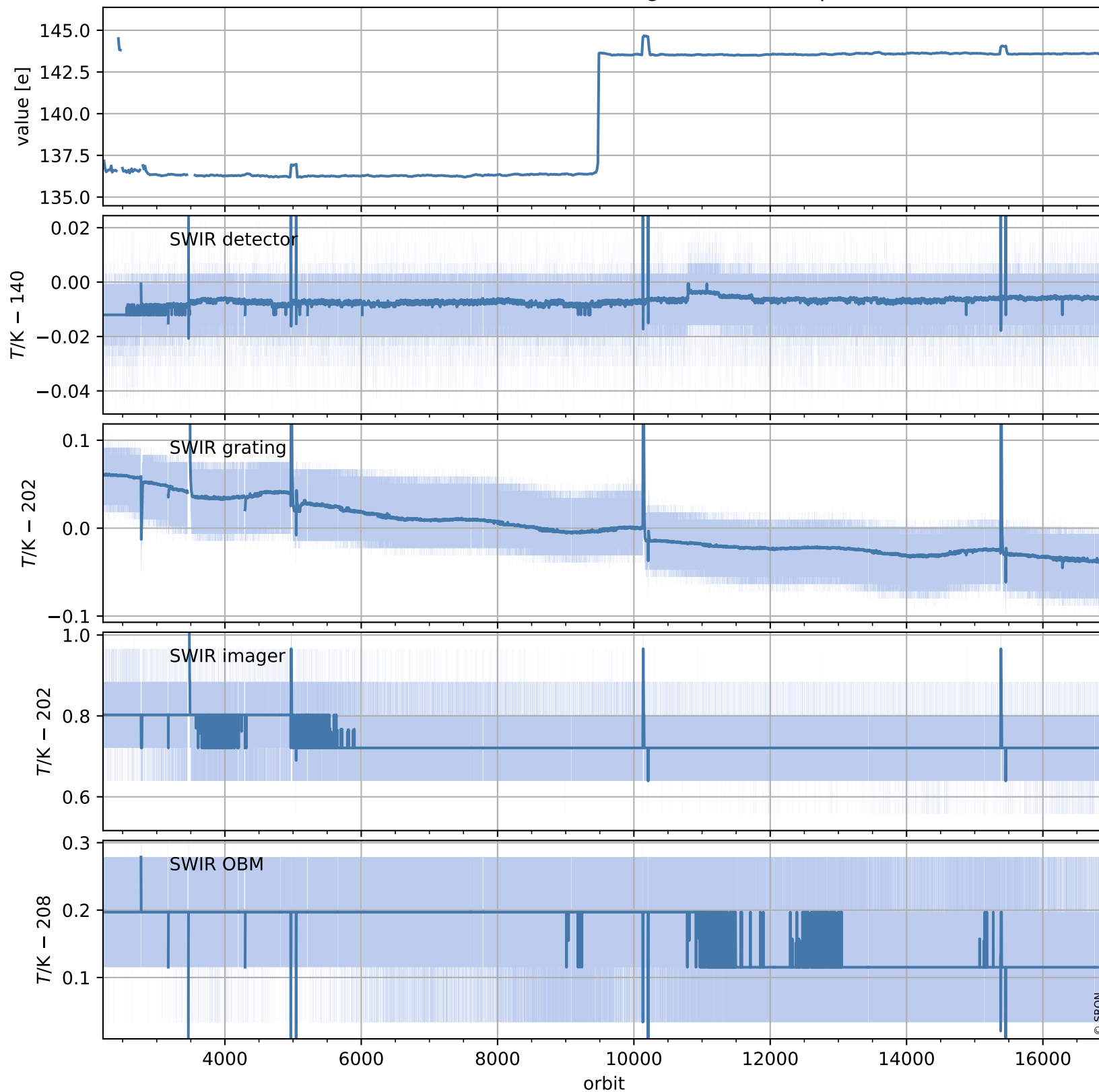
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16912]
coverage : 2018-03-18 / 2021-01-16
created : 2023-08-21T15:50:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16912]
coverage : 2018-03-18 / 2021-01-16
created : 2023-08-21T15:50:27

trend of normalized read-noise & temperatures

