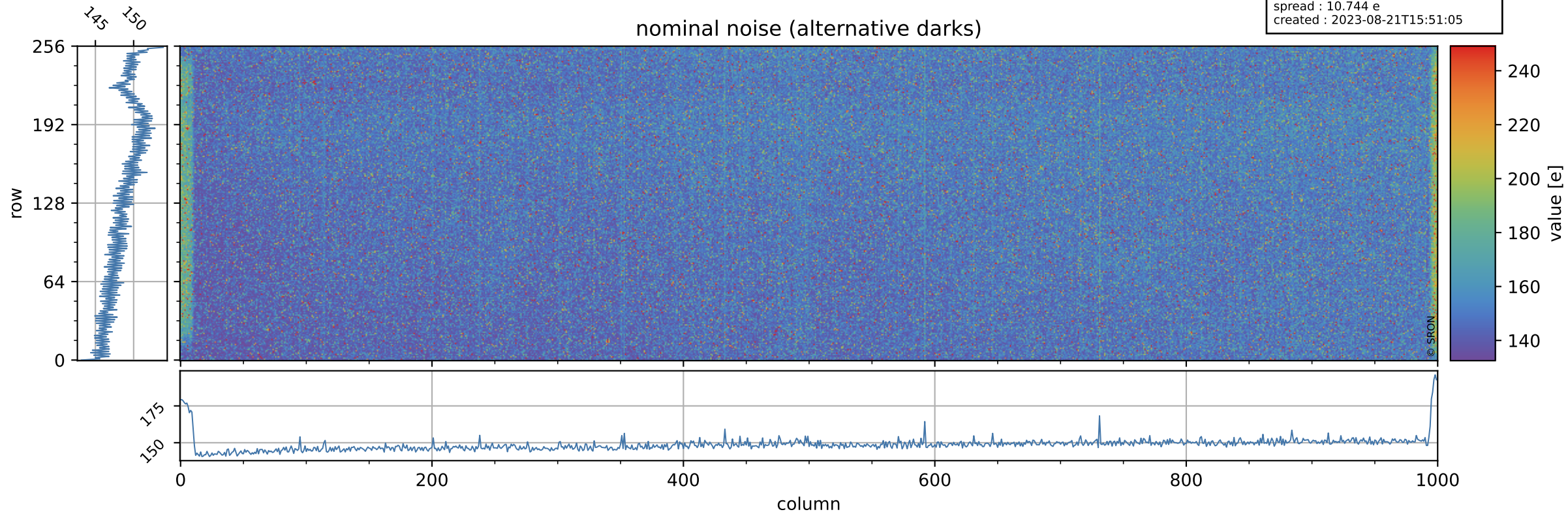


Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.744 e
created : 2023-08-21T15:51:05

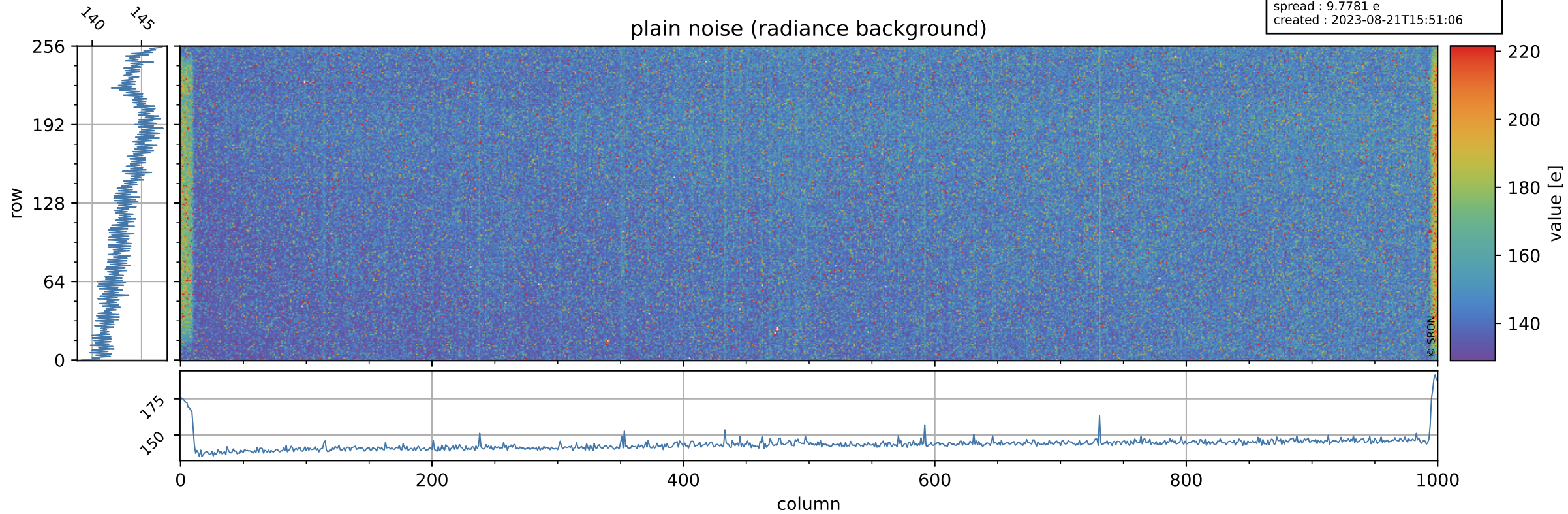
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7781 e
created : 2023-08-21T15:51:06

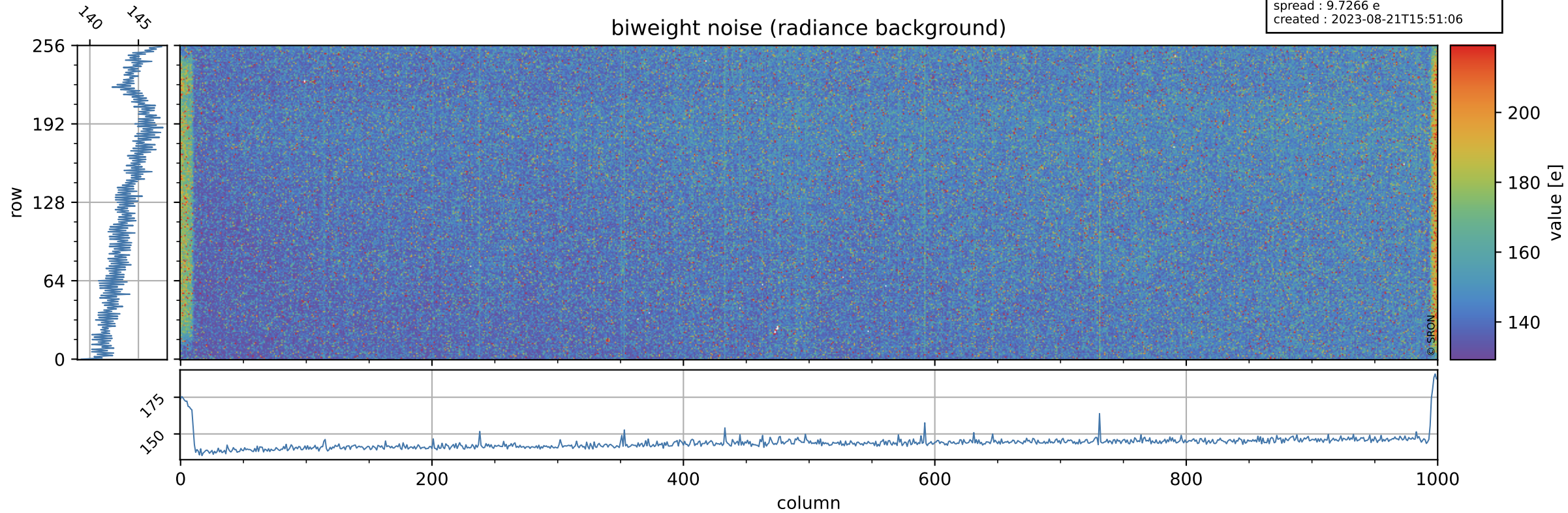
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7266 e
created : 2023-08-21T15:51:06

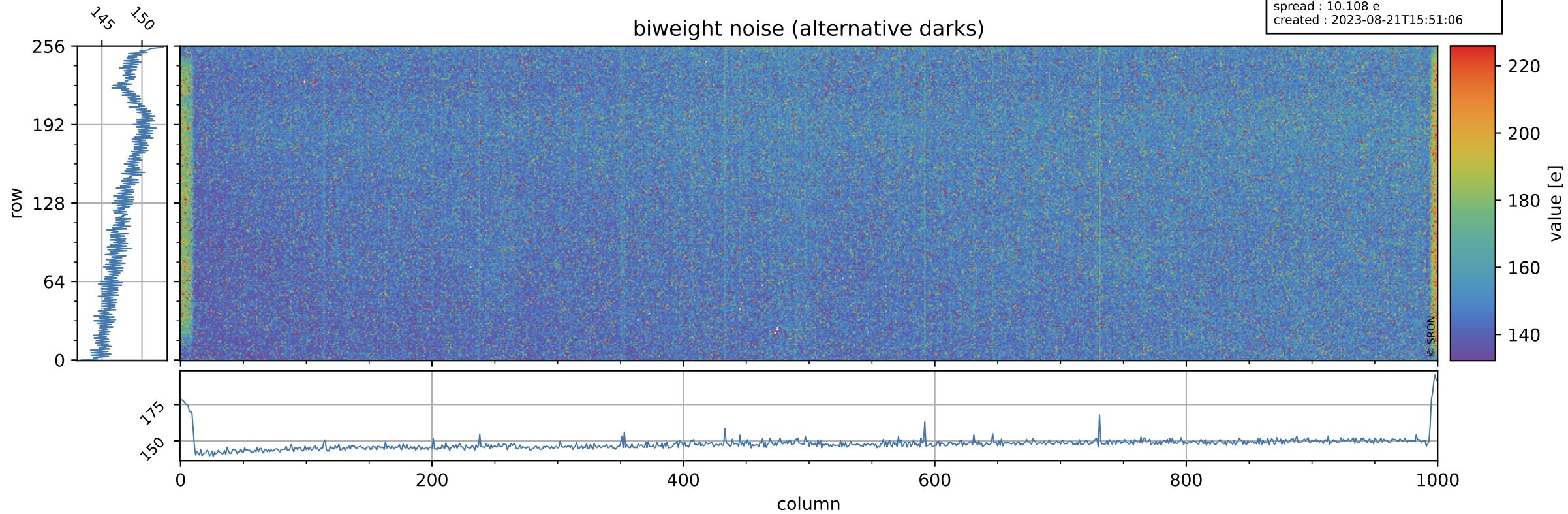
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.108 e
created : 2023-08-21T15:51:06

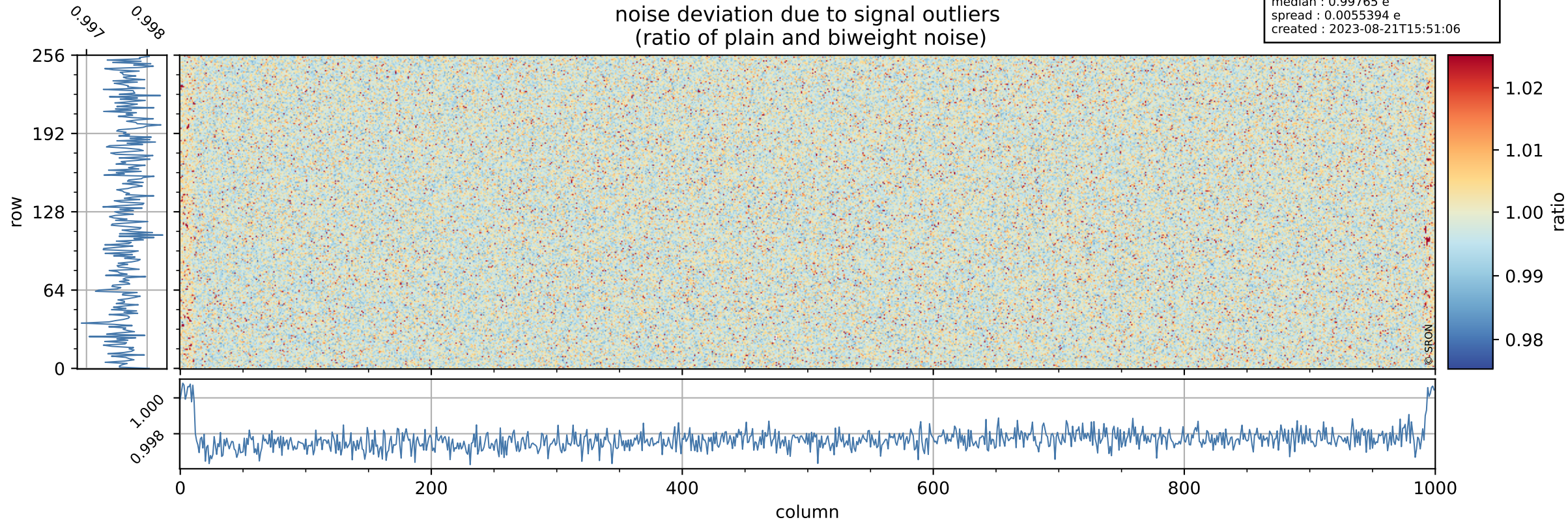
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

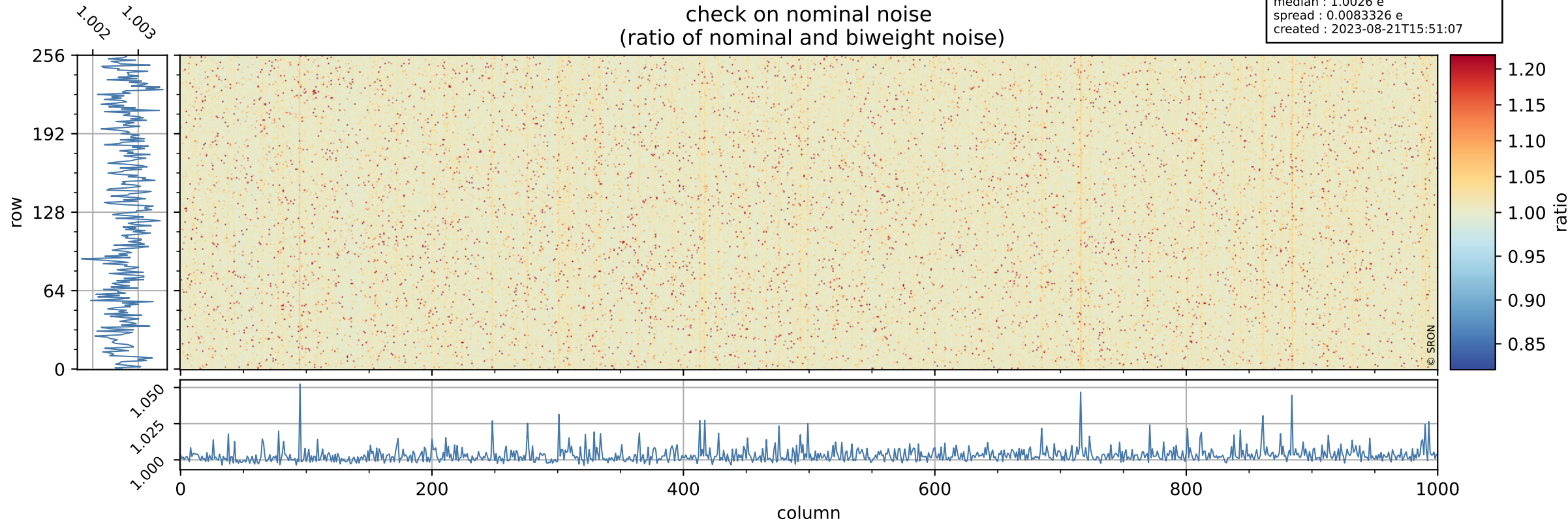
orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
median : 0.99765 e
spread : 0.0055394 e
created : 2023-08-21T15:51:06



Tropomi SWIR background noise (swir)

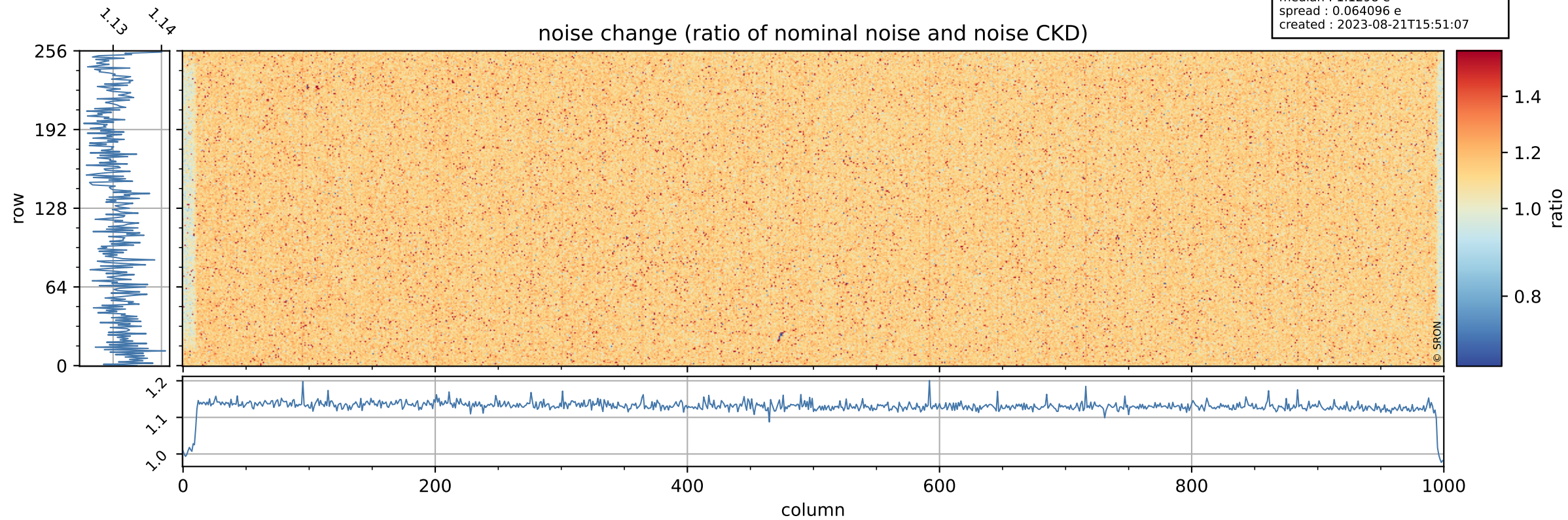
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
median : 1.0026 e
spread : 0.0083326 e
created : 2023-08-21T15:51:07



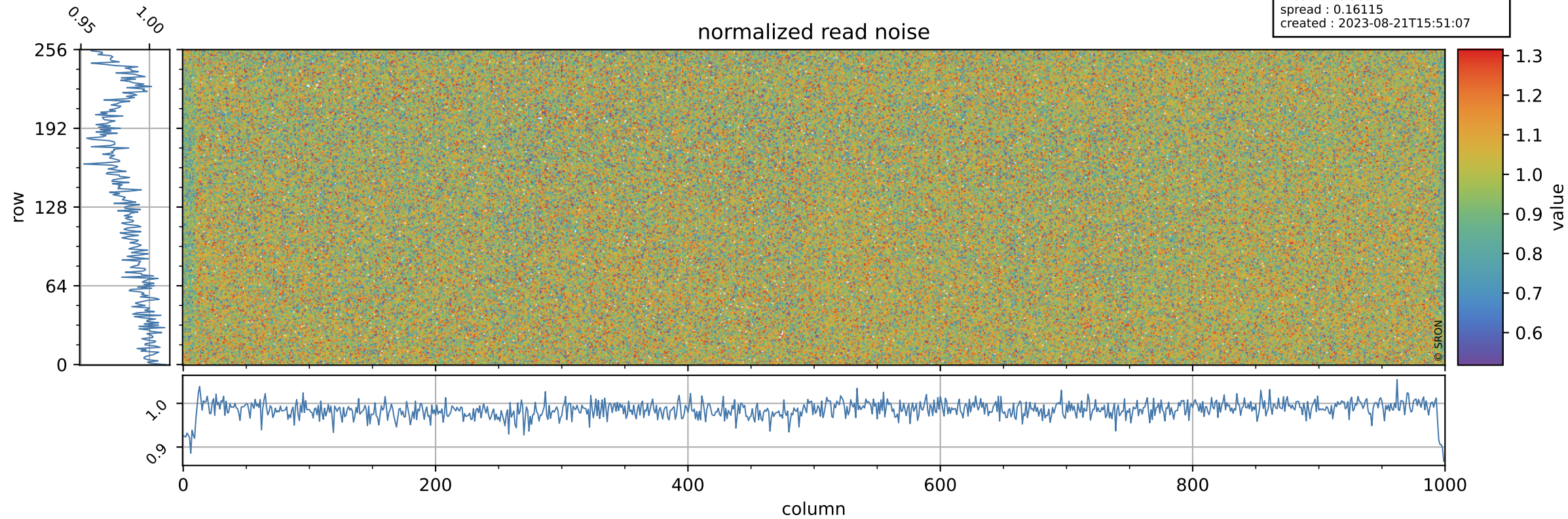
Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
median : 1.1298 e
spread : 0.064096 e
created : 2023-08-21T15:51:07



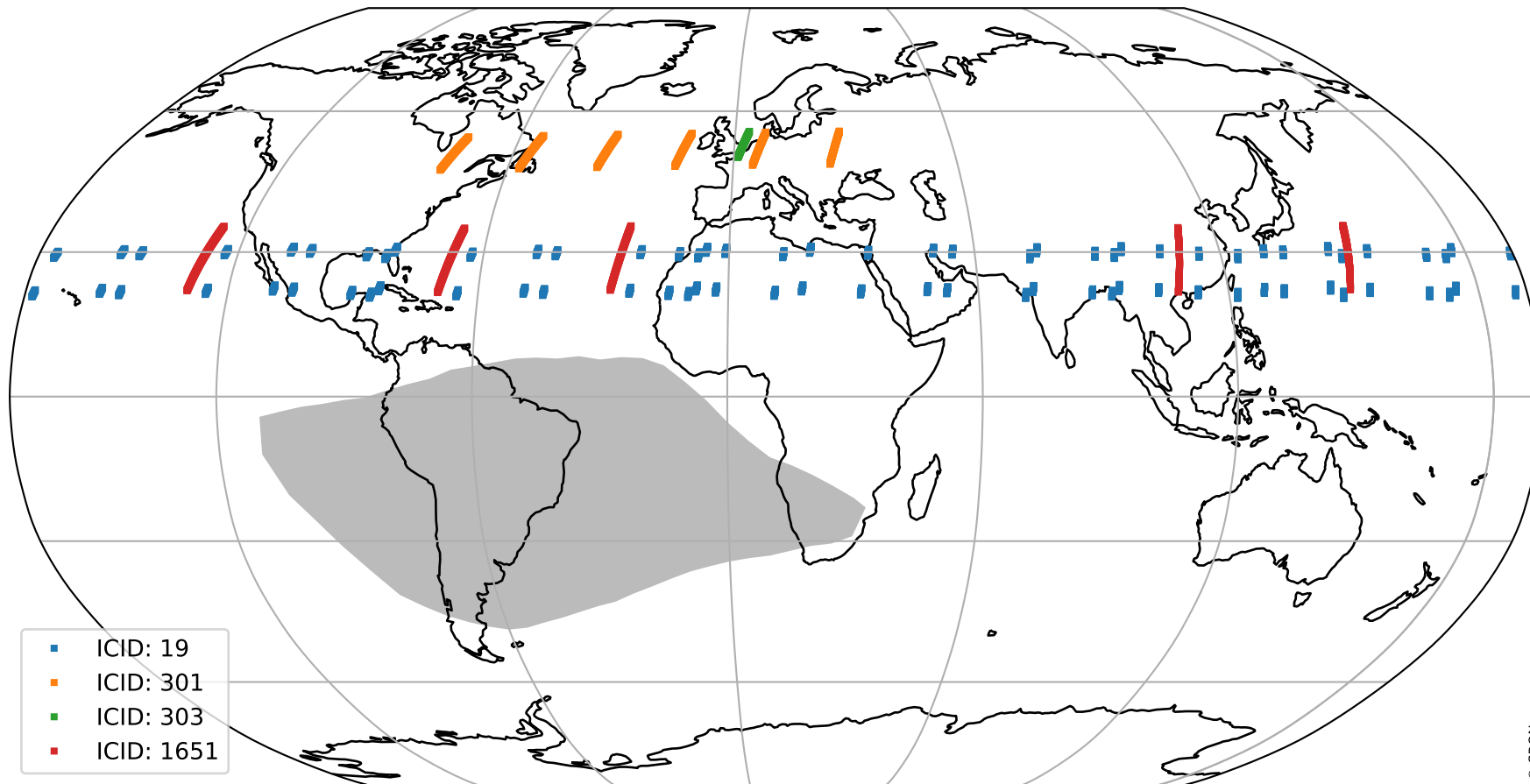
Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
median : 0.98378
spread : 0.16115
created : 2023-08-21T15:51:07



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

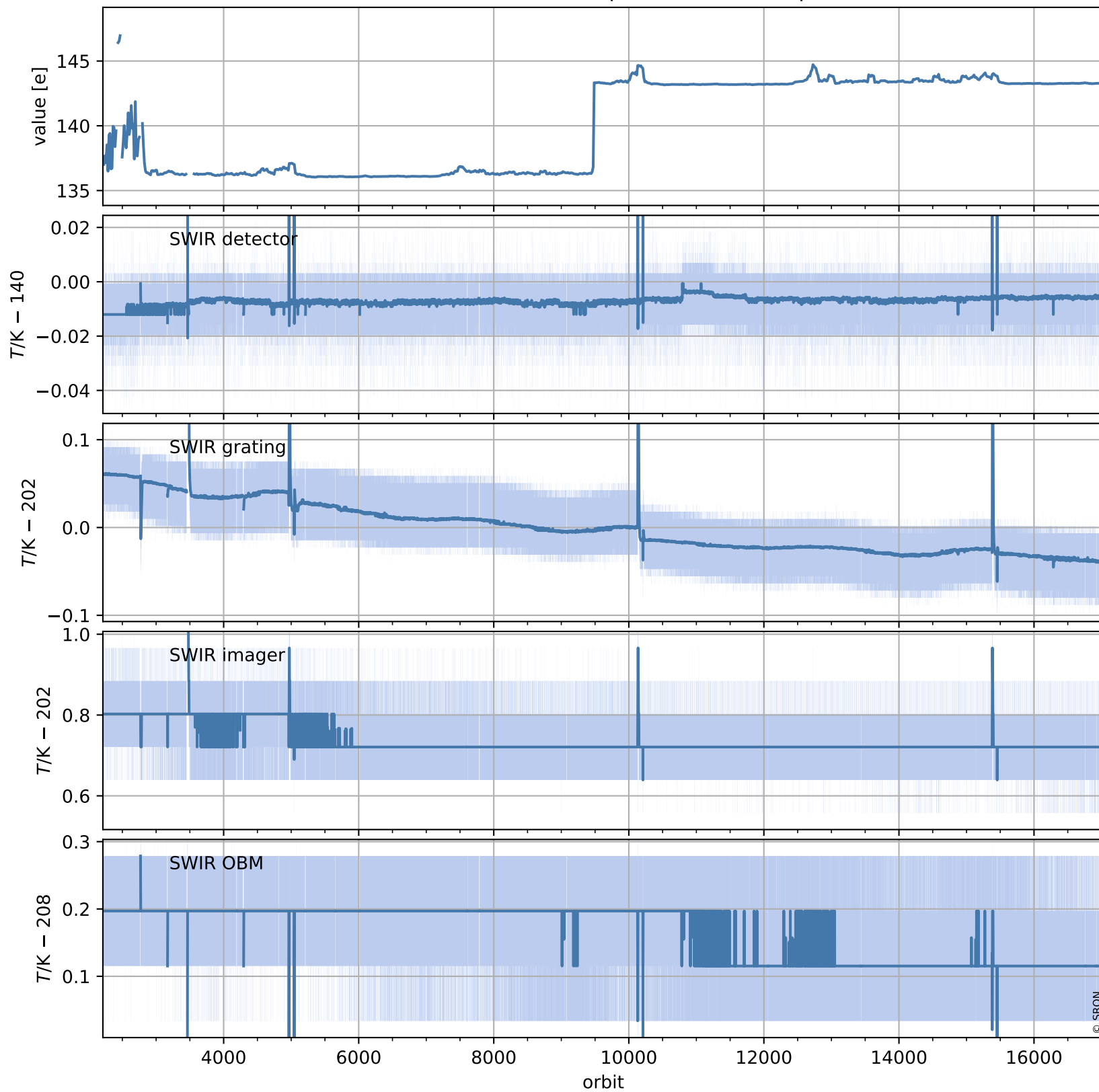
orbits : 12 in [16957, 17032]
coverage : 2021-01-19 / 2021-01-25
created : 2023-08-21T15:51:07



Tropomi SWIR background noise (swir)

orbits : [2212, 17032]
coverage : 2018-03-18 / 2021-01-25
created : 2023-08-21T15:51:08

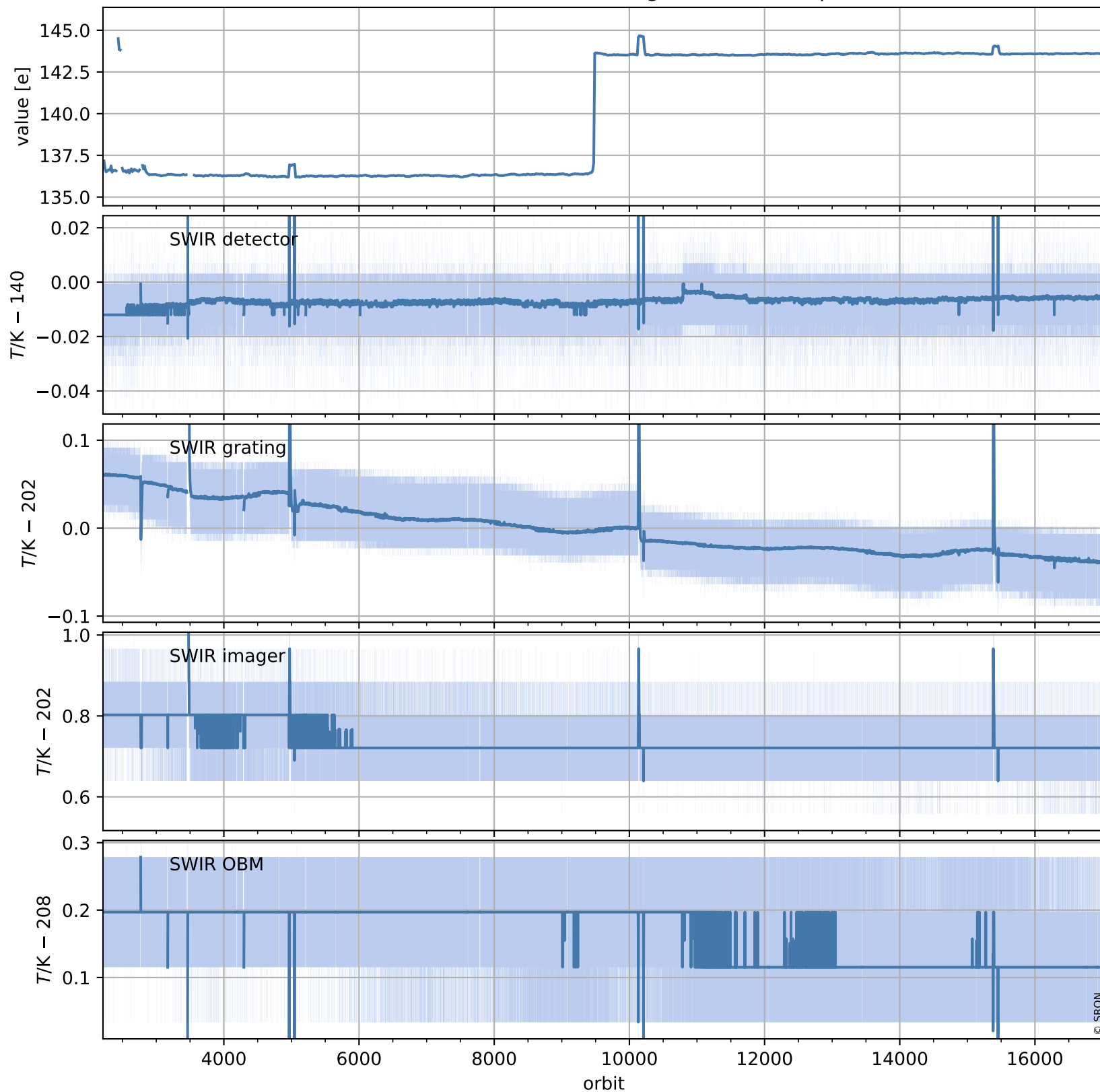
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17032]
coverage : 2018-03-18 / 2021-01-25
created : 2023-08-21T15:51:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17032]
coverage : 2018-03-18 / 2021-01-25
created : 2023-08-21T15:51:09

trend of normalized read-noise & temperatures

