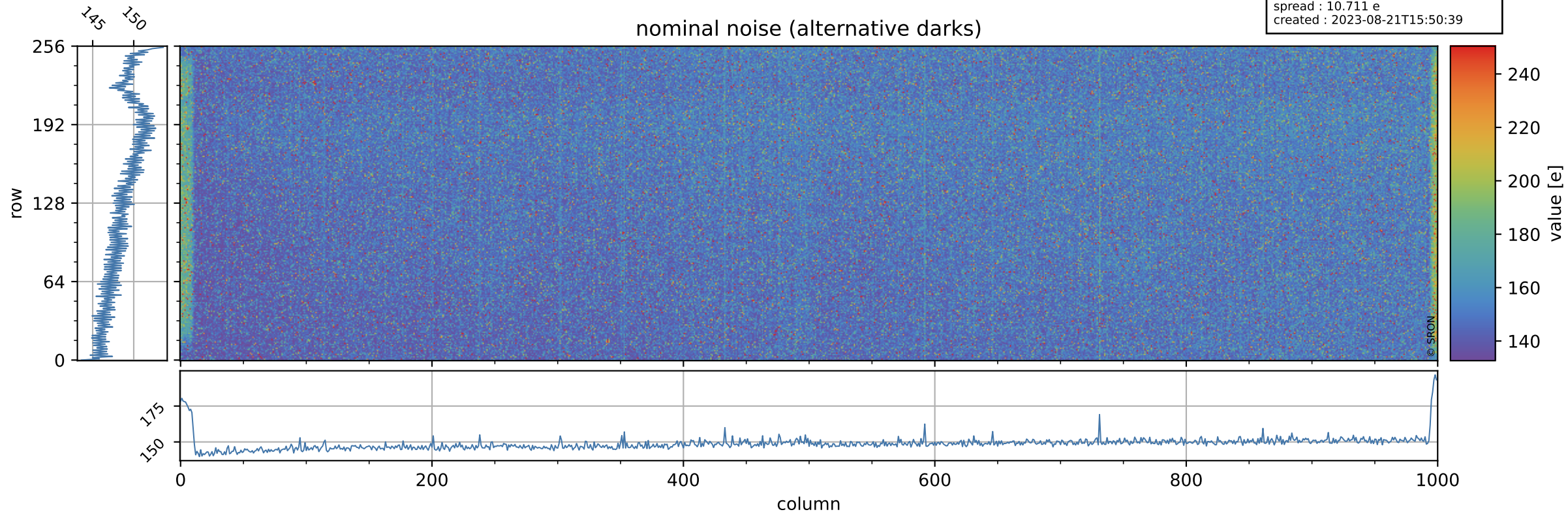


Tropomi SWIR background noise (swir)

orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.711 e
created : 2023-08-21T15:50:39

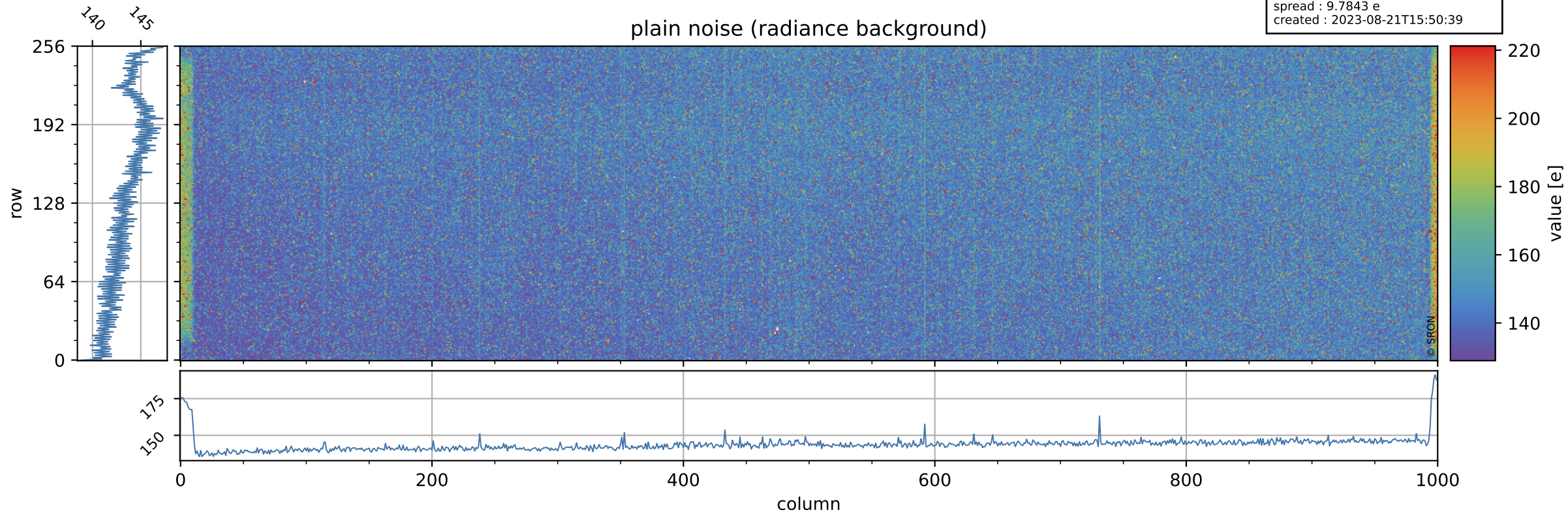
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7843 e
created : 2023-08-21T15:50:39

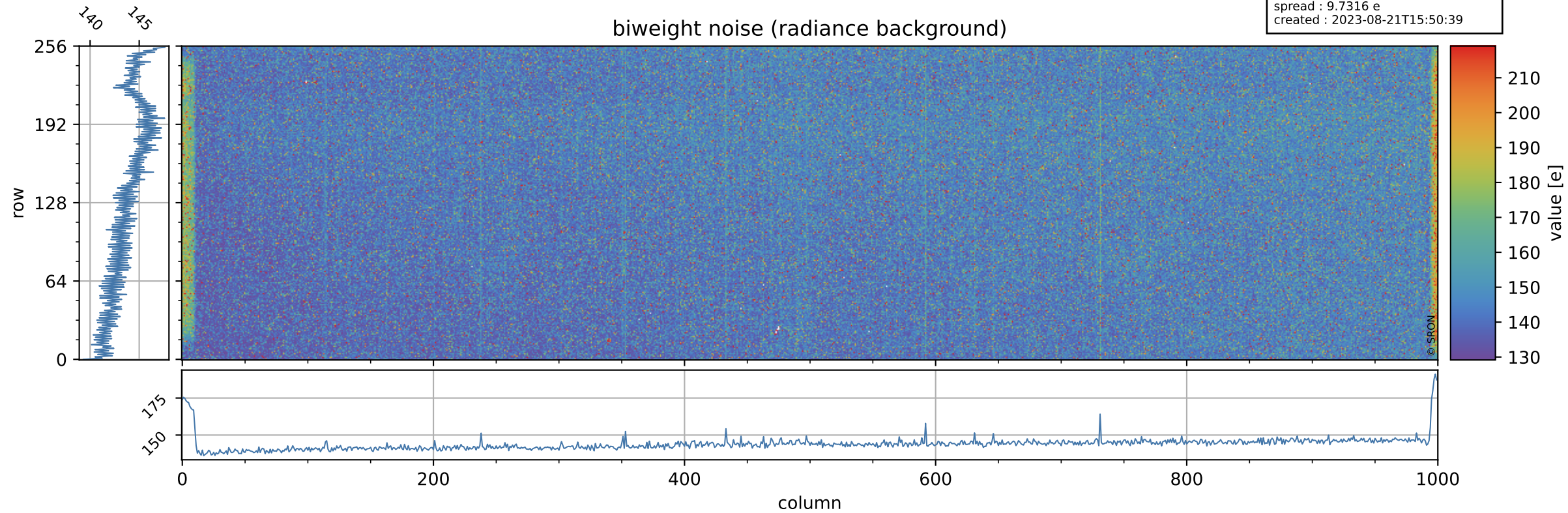
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7316 e
created : 2023-08-21T15:50:39

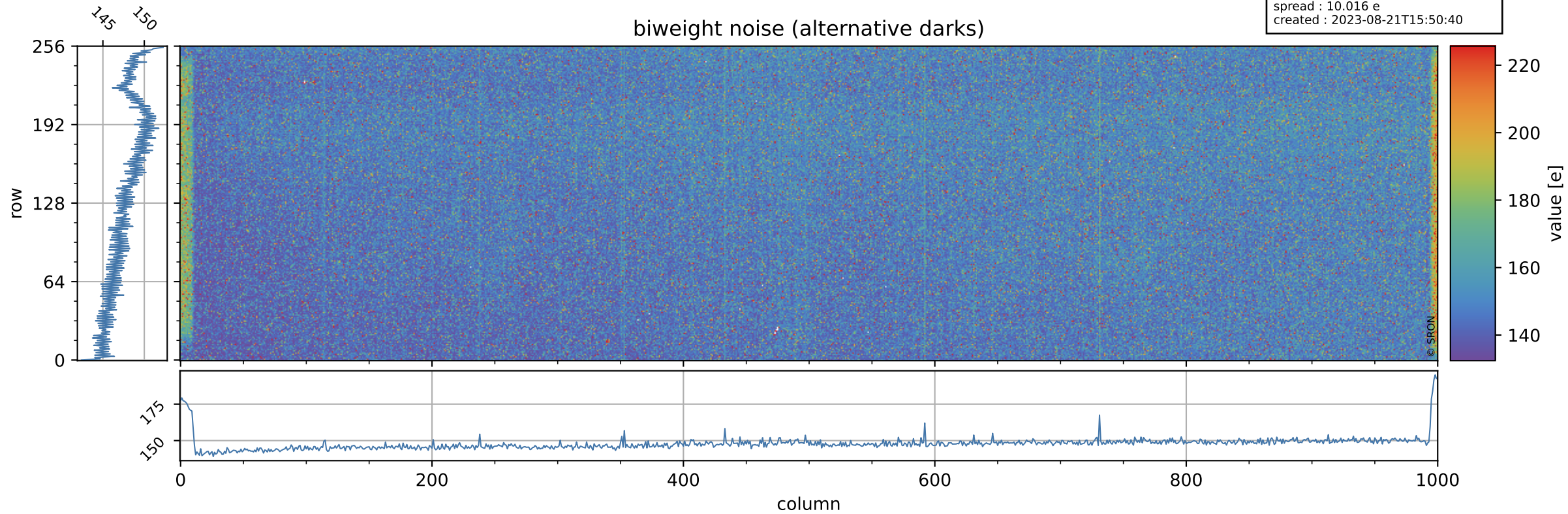
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.016 e
created : 2023-08-21T15:50:40

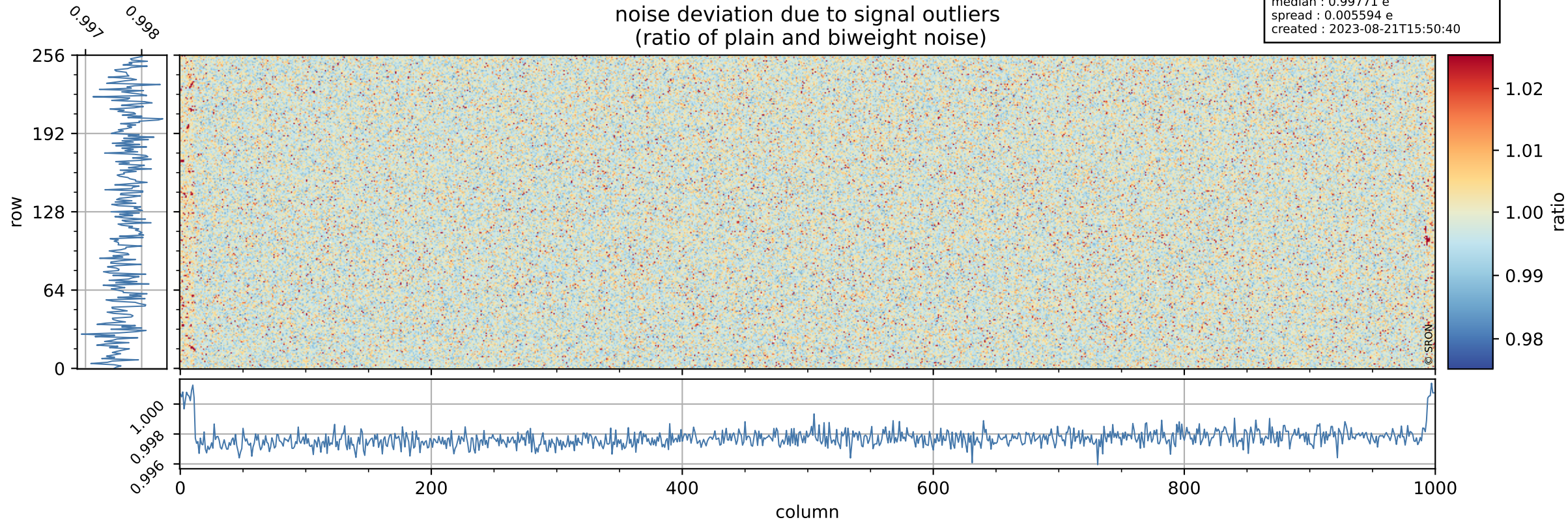
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

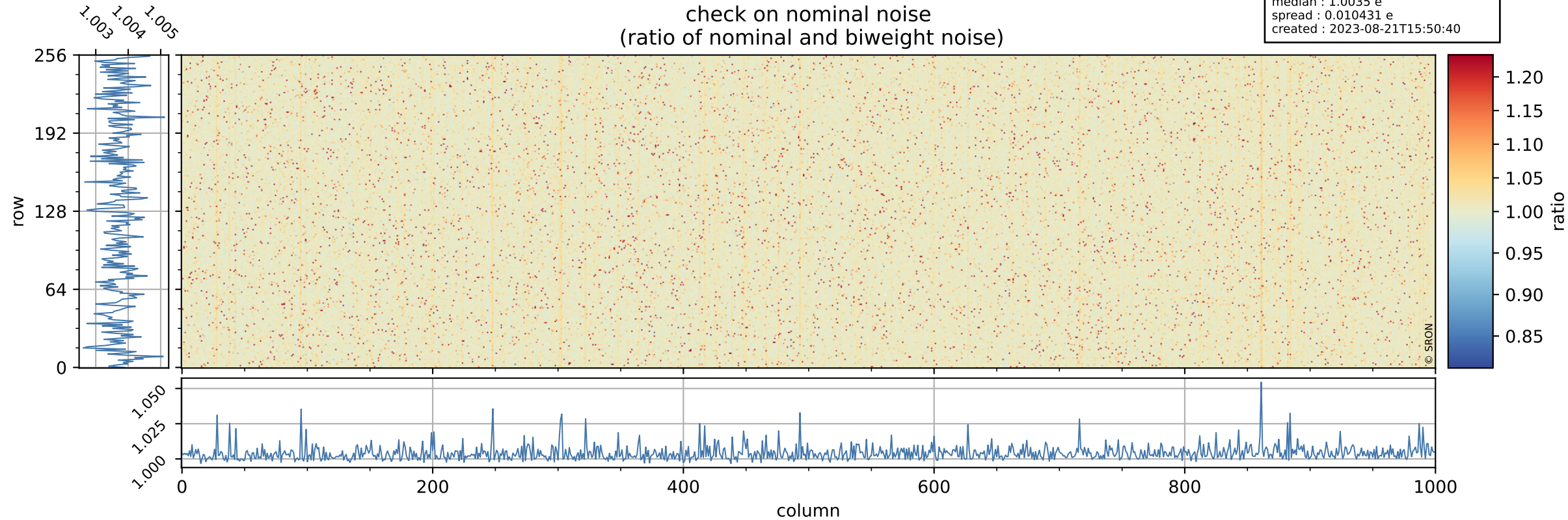
orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
median : 0.99771 e
spread : 0.005594 e
created : 2023-08-21T15:50:40



Tropomi SWIR background noise (swir)

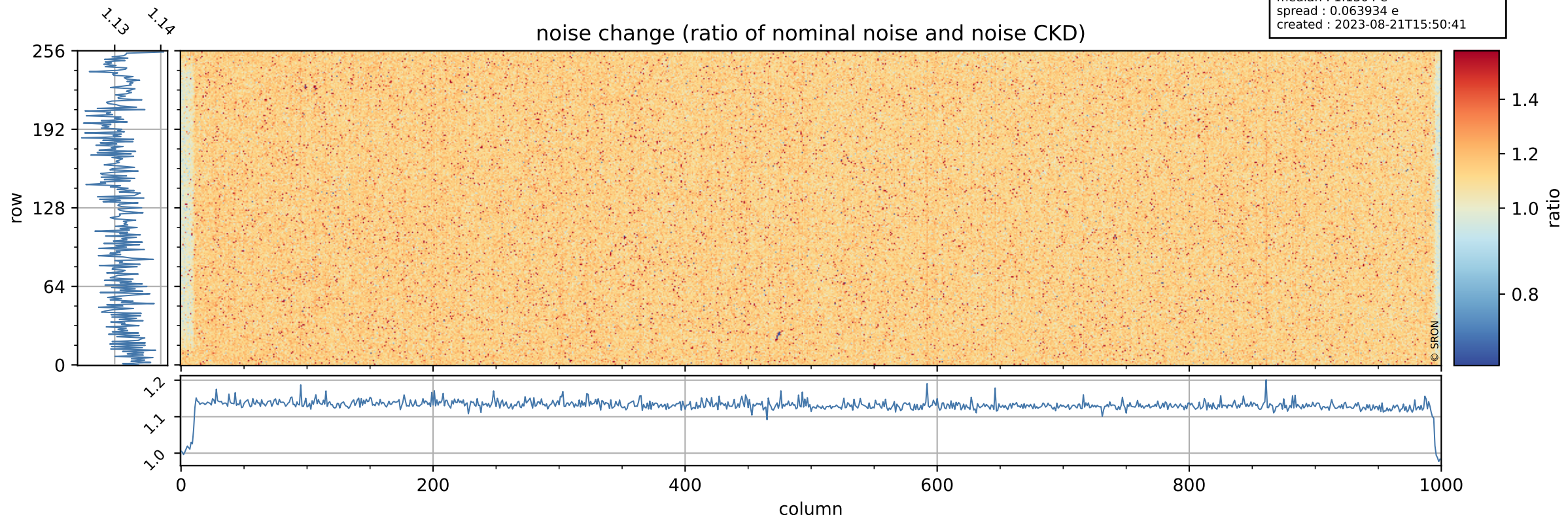
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
median : 1.0035 e
spread : 0.010431 e
created : 2023-08-21T15:50:40



Tropomi SWIR background noise (swir)

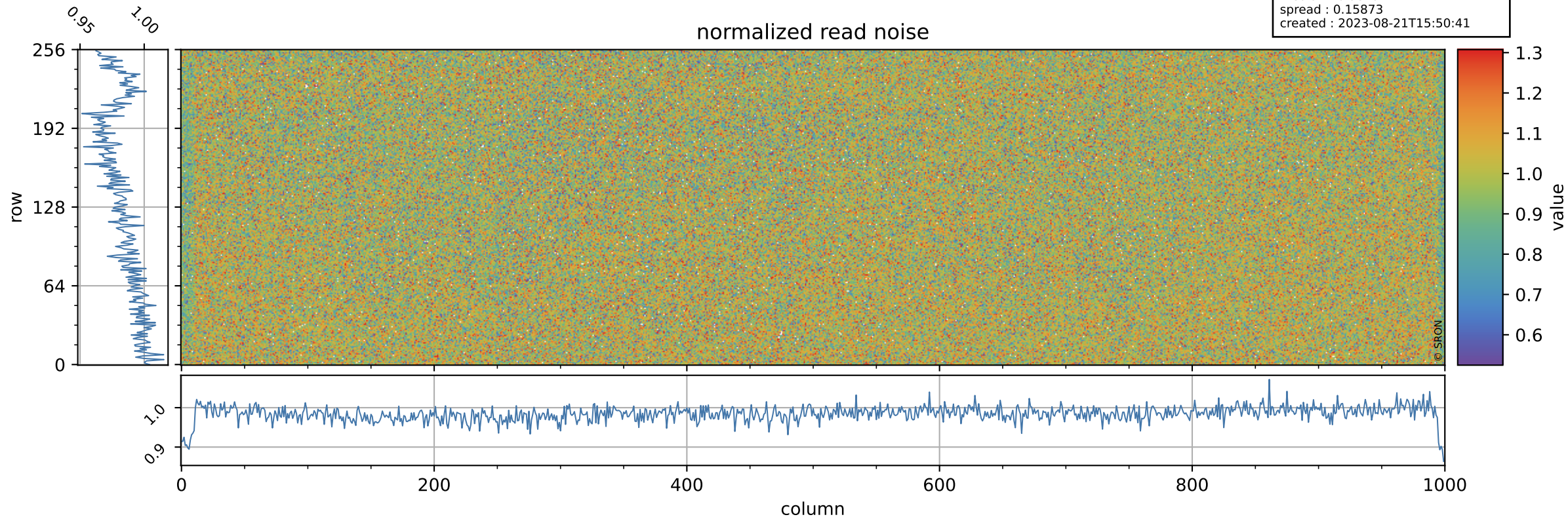
orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
median : 1.1304 e
spread : 0.063934 e
created : 2023-08-21T15:50:41



Tropomi SWIR background noise (swir)

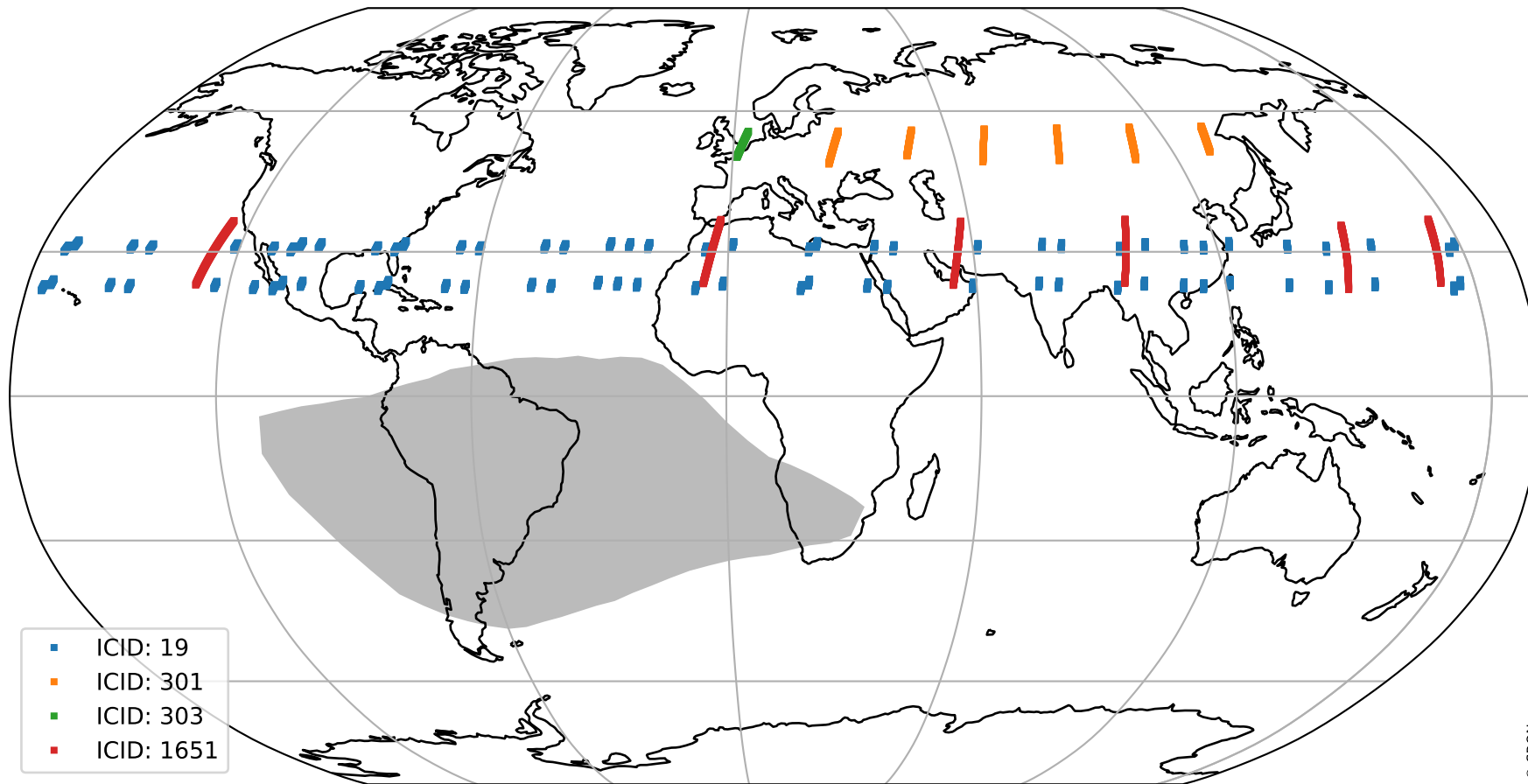
orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
median : 0.98291
spread : 0.15873
created : 2023-08-21T15:50:41

normalized read noise



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

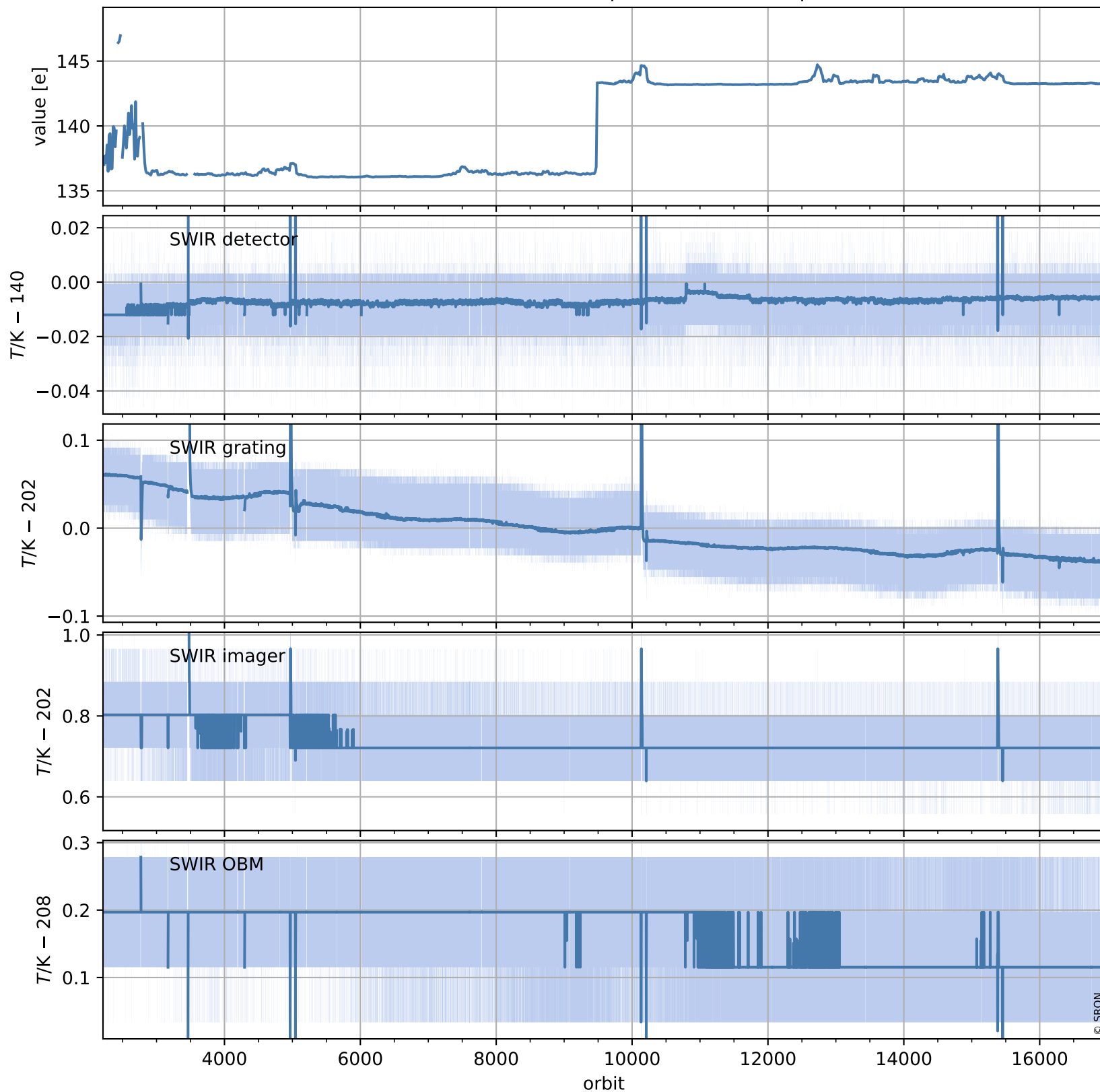
orbits : 13 in [16867, 16957]
coverage : 2021-01-14 / 2021-01-20
created : 2023-08-21T15:50:41



Tropomi SWIR background noise (swir)

orbits : [2212, 16957]
coverage : 2018-03-18 / 2021-01-20
created : 2023-08-21T15:50:41

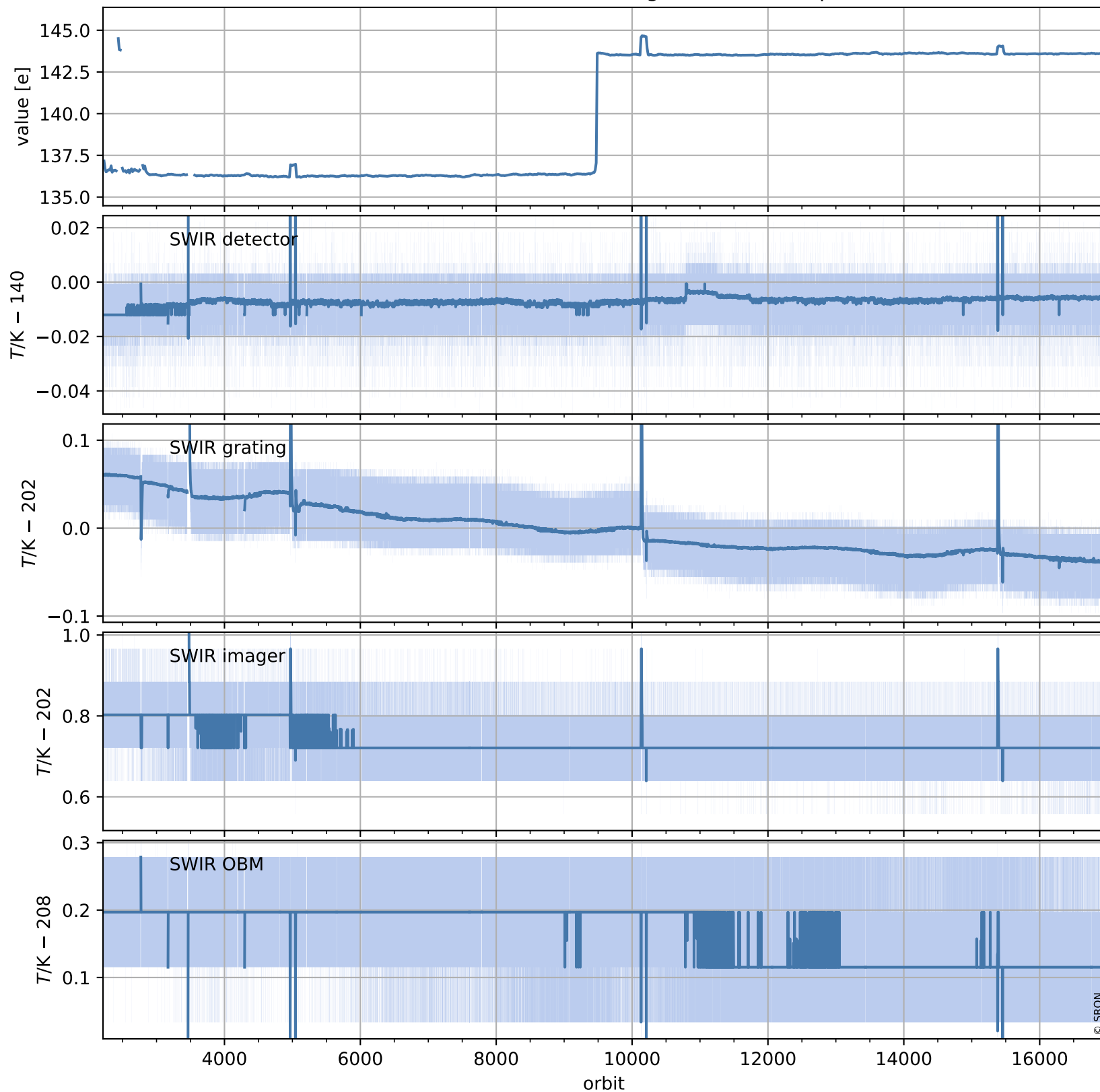
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16957]
coverage : 2018-03-18 / 2021-01-20
created : 2023-08-21T15:50:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16957]
coverage : 2018-03-18 / 2021-01-20
created : 2023-08-21T15:50:43

trend of normalized read-noise & temperatures

