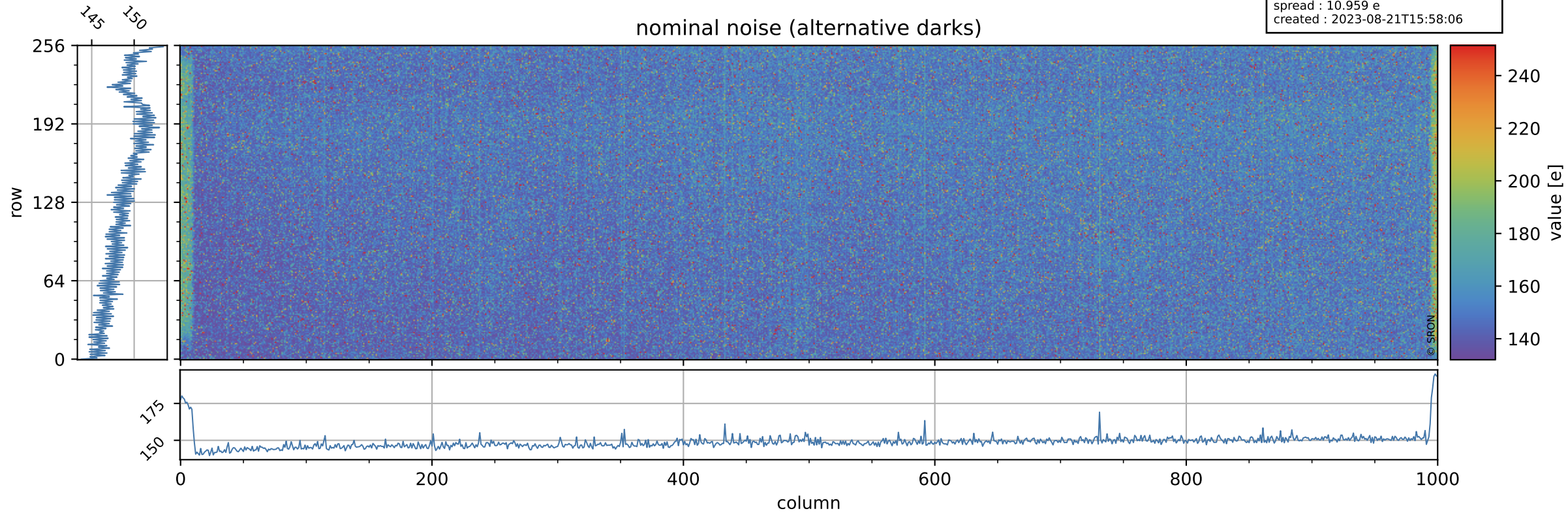


Tropomi SWIR background noise (swir)

orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.959 e
created : 2023-08-21T15:58:06

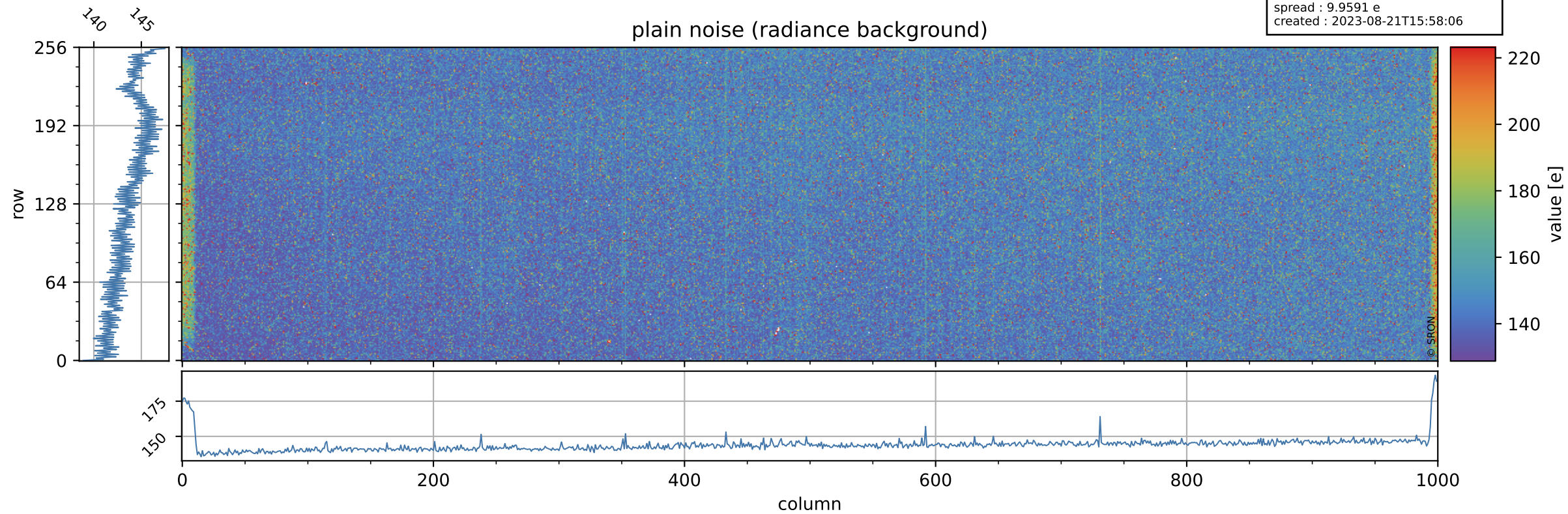
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9591 e
created : 2023-08-21T15:58:06

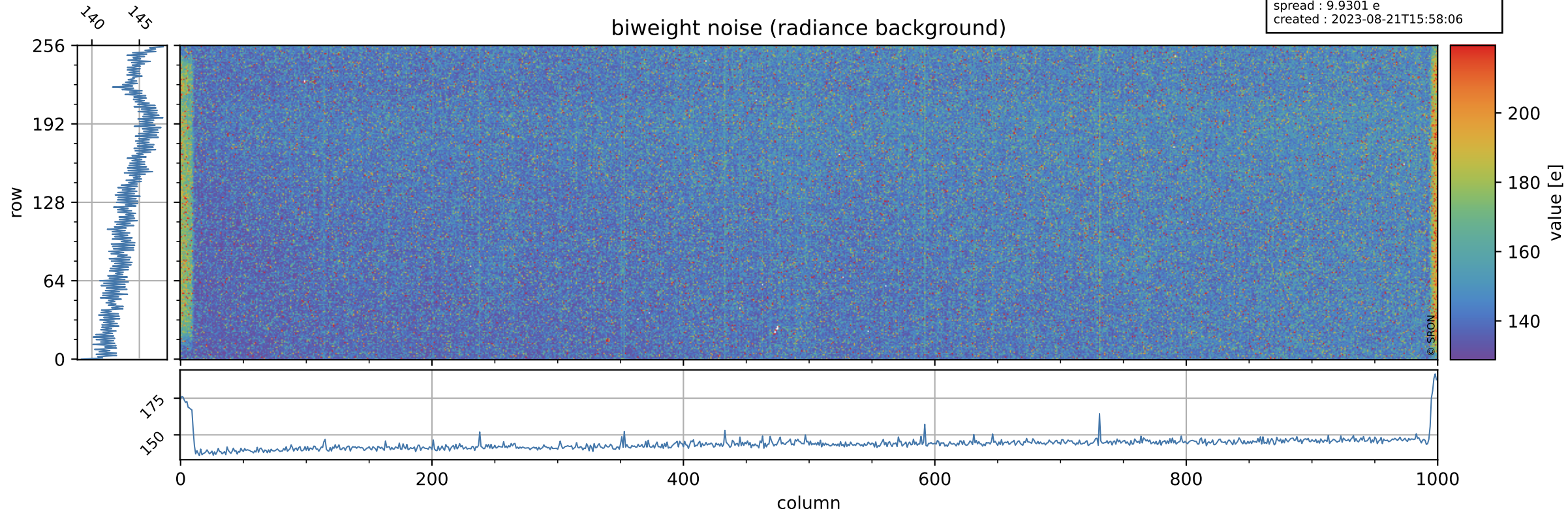
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9301 e
created : 2023-08-21T15:58:06

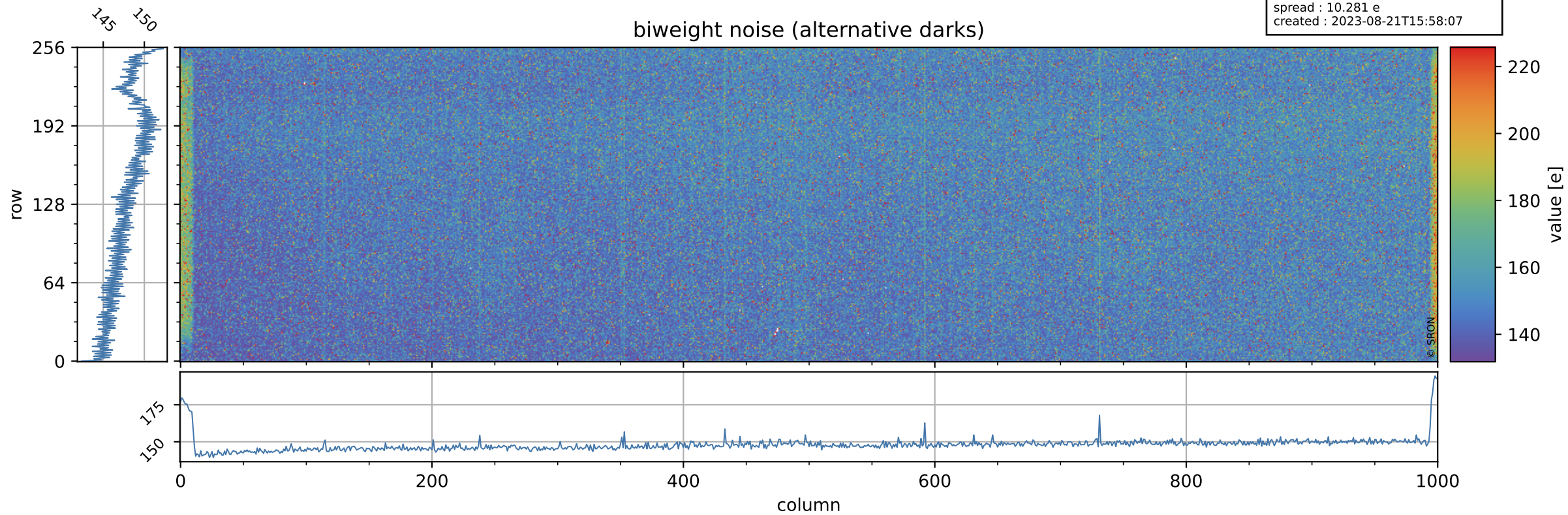
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.281 e
created : 2023-08-21T15:58:07

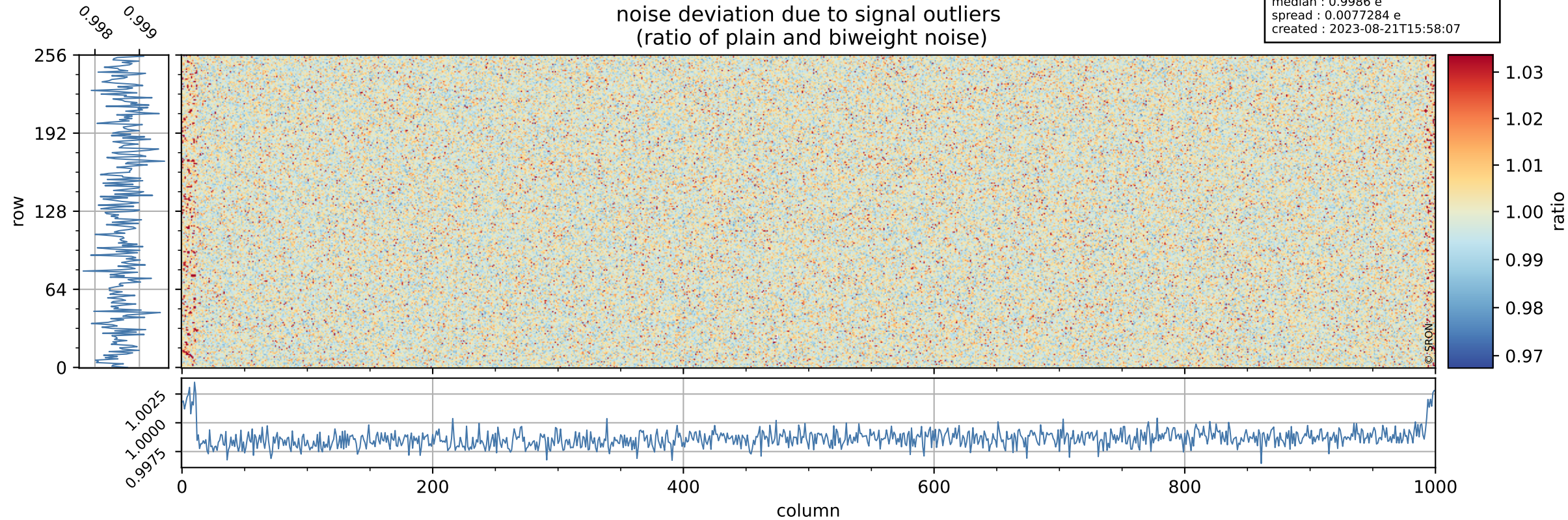
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

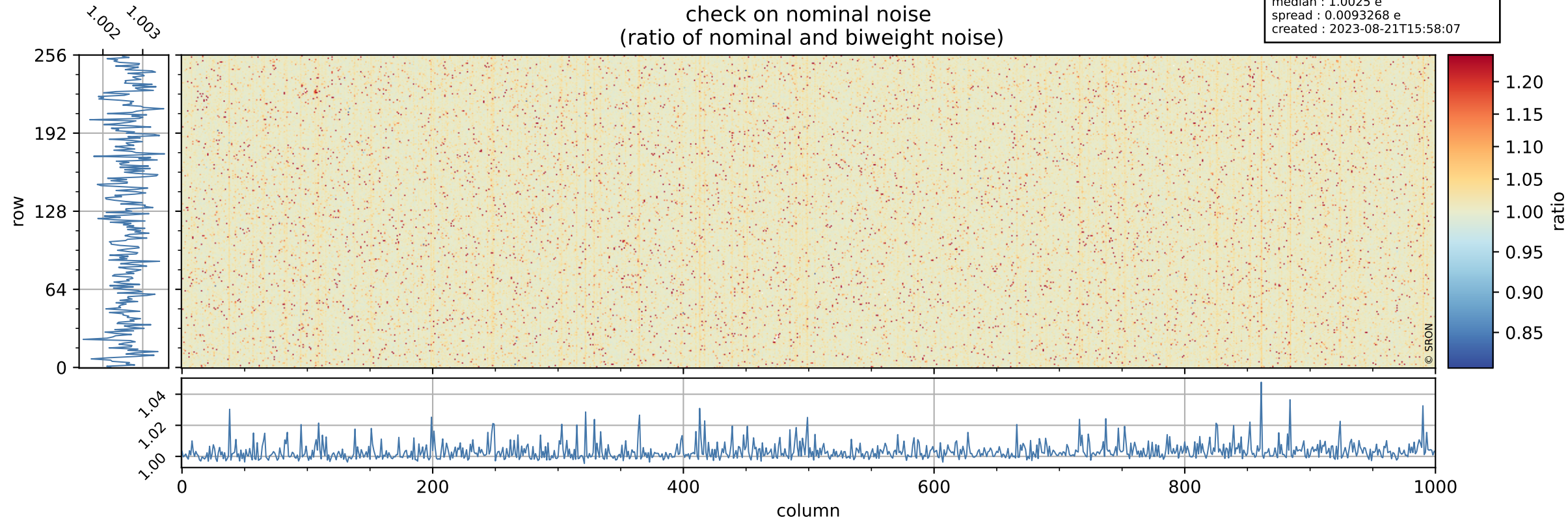
orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
median : 0.9986 e
spread : 0.0077284 e
created : 2023-08-21T15:58:07



Tropomi SWIR background noise (swir)

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

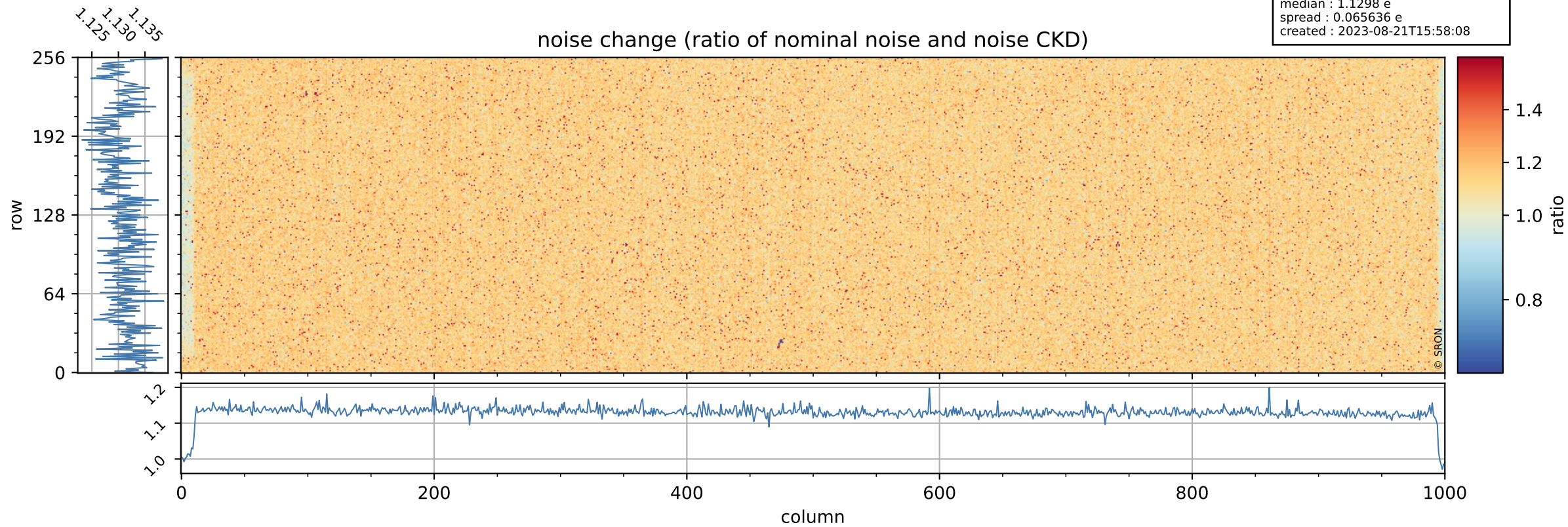
orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
median : 1.0025 e
spread : 0.0093268 e
created : 2023-08-21T15:58:07



Tropomi SWIR background noise (swir)

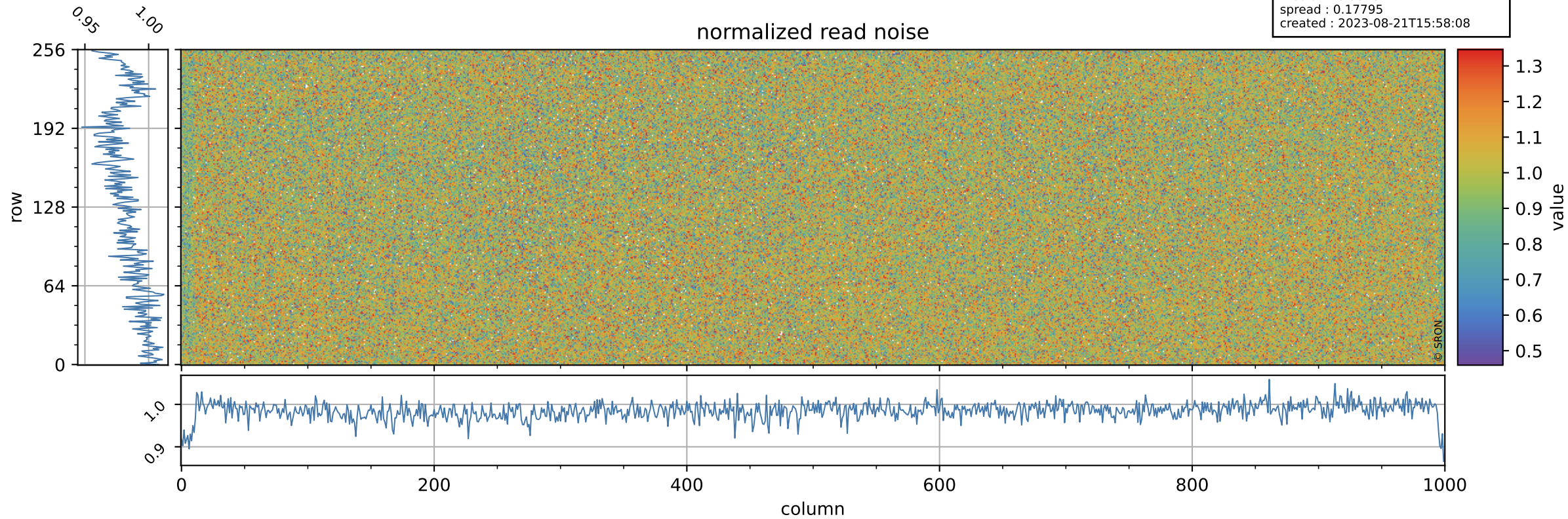
orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
median : 1.1298 e
spread : 0.065636 e
created : 2023-08-21T15:58:08

noise change (ratio of nominal noise and noise CKD)



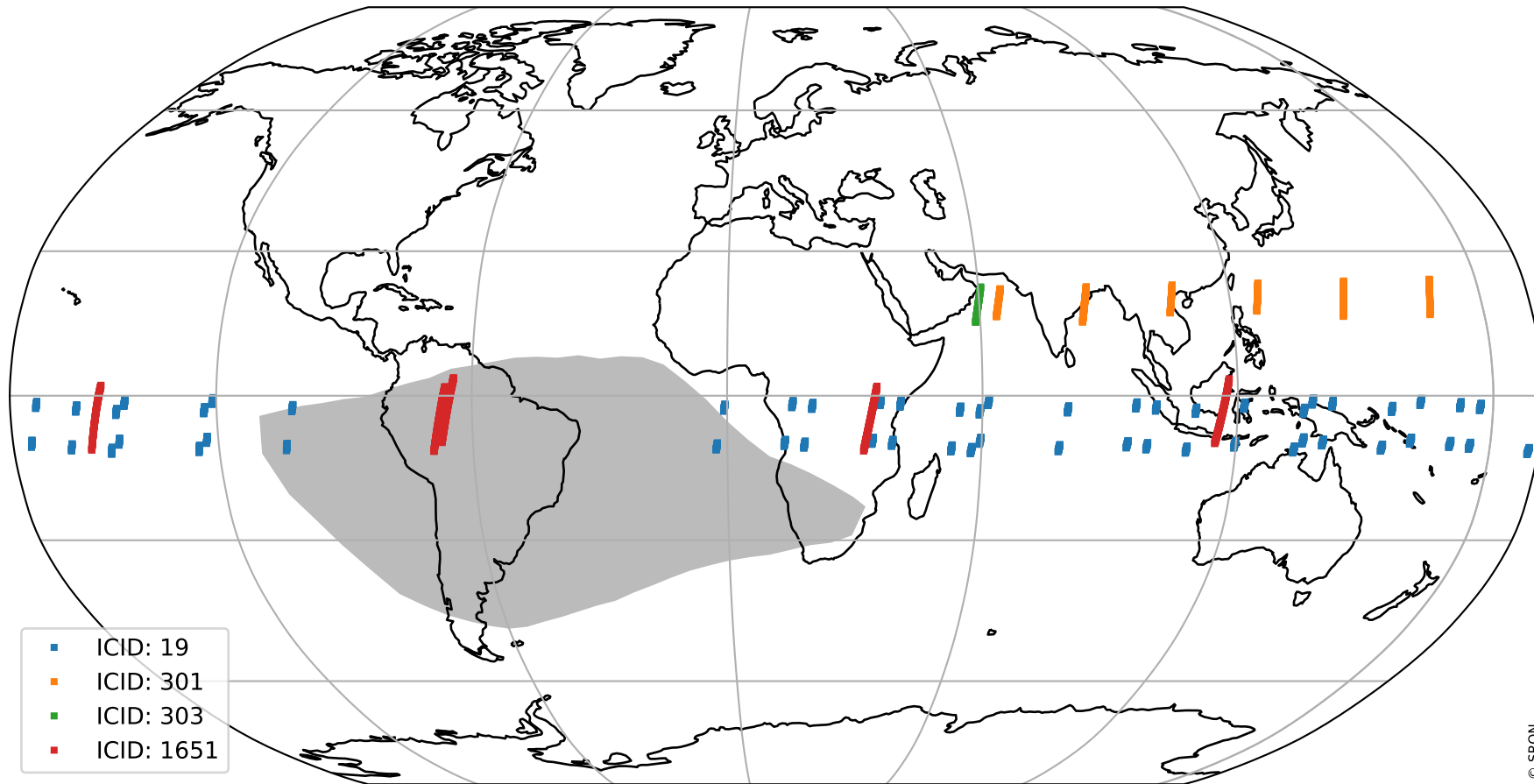
Tropomi SWIR background noise (swir)

orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
median : 0.98284
spread : 0.17795
created : 2023-08-21T15:58:08



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

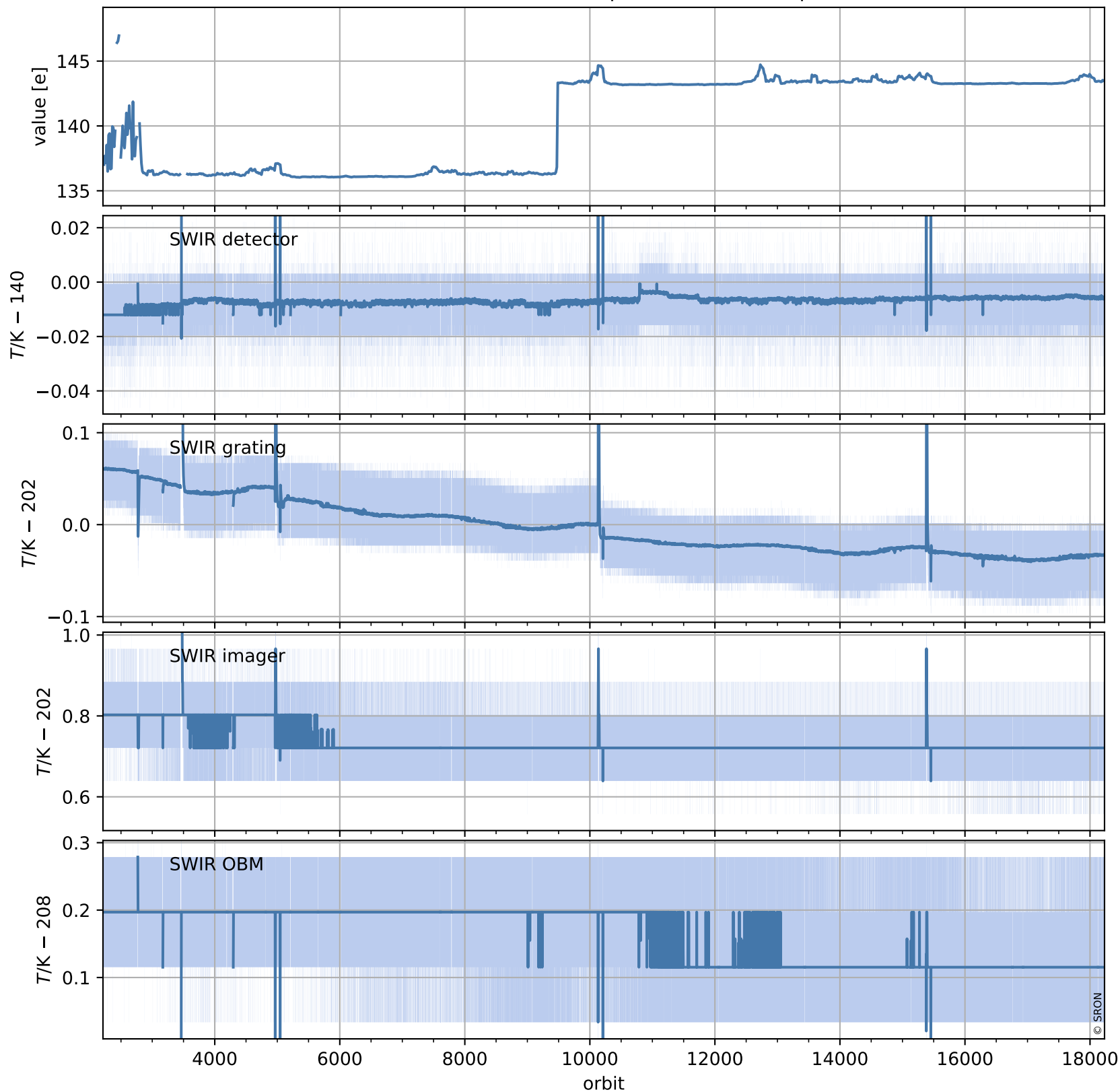
orbits : 12 in [18142, 18232]
coverage : 2021-04-14 / 2021-04-20
created : 2023-08-21T15:58:08



Tropomi SWIR background noise (swir)

orbits : [2212, 18232]
coverage : 2018-03-18 / 2021-04-20
created : 2023-08-21T15:58:09

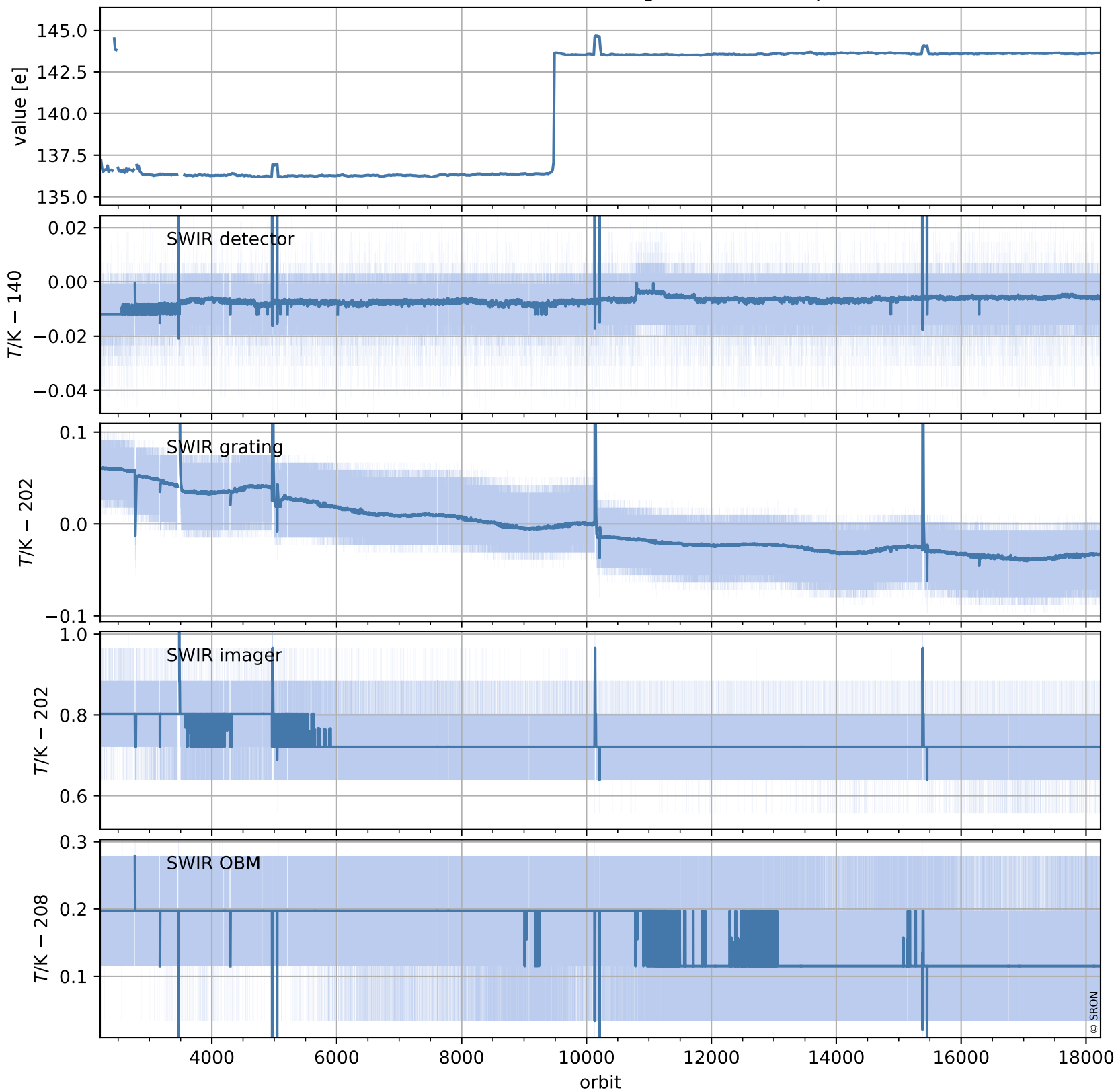
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18232]
coverage : 2018-03-18 / 2021-04-20
created : 2023-08-21T15:58:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18232]
coverage : 2018-03-18 / 2021-04-20
created : 2023-08-21T15:58:10

trend of normalized read-noise & temperatures

