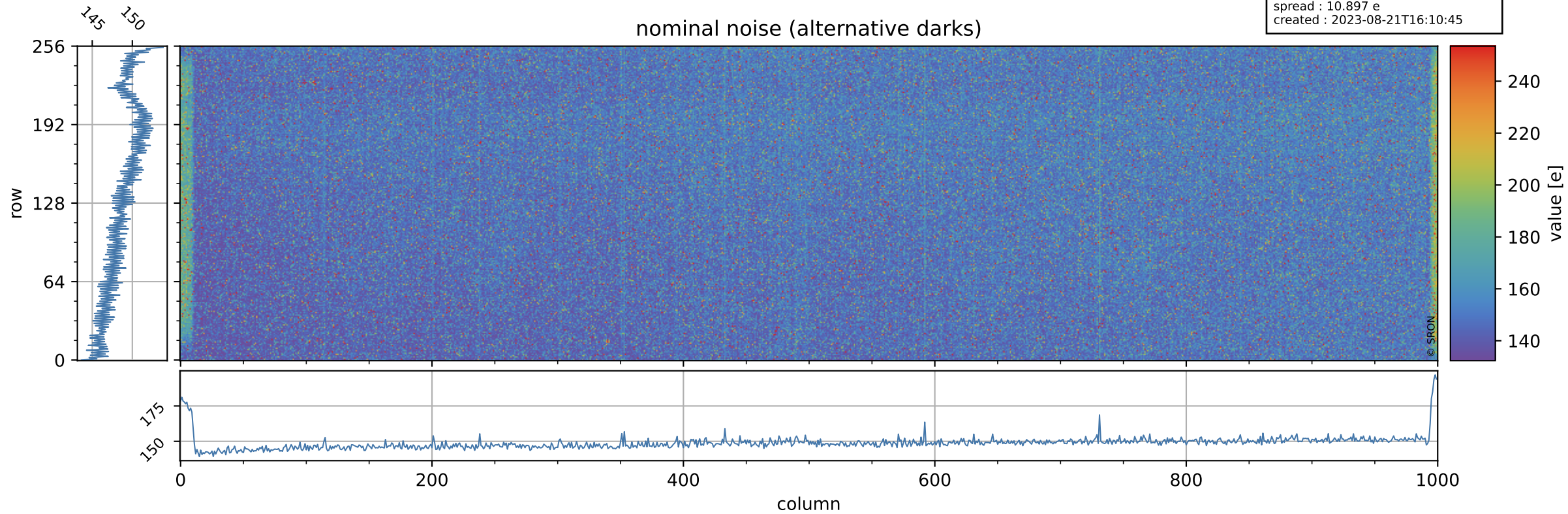


Tropomi SWIR background noise (swir)

orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.897 e
created : 2023-08-21T16:10:45

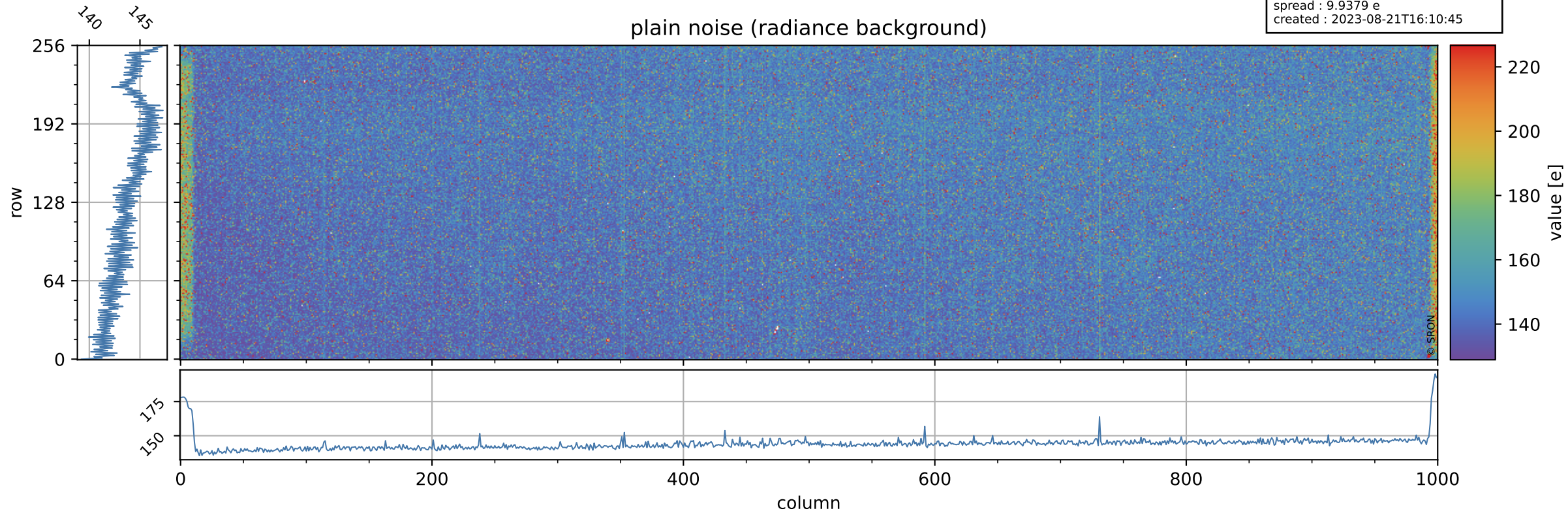
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9379 e
created : 2023-08-21T16:10:45

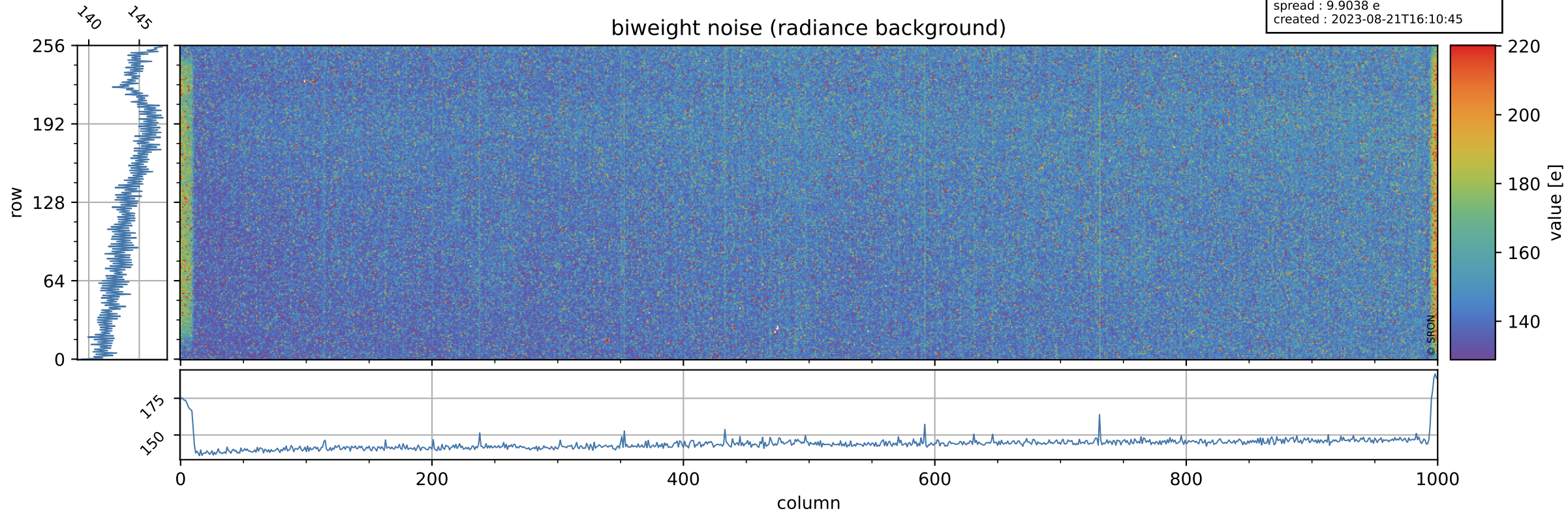
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9038 e
created : 2023-08-21T16:10:45

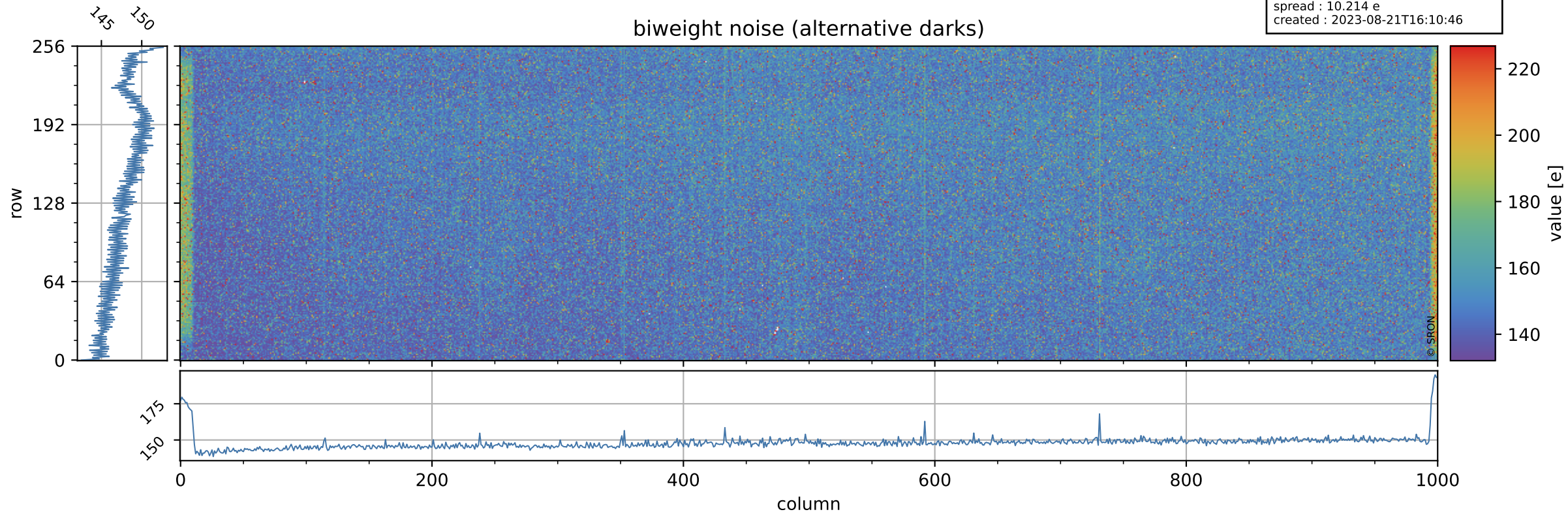
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.214 e
created : 2023-08-21T16:10:46

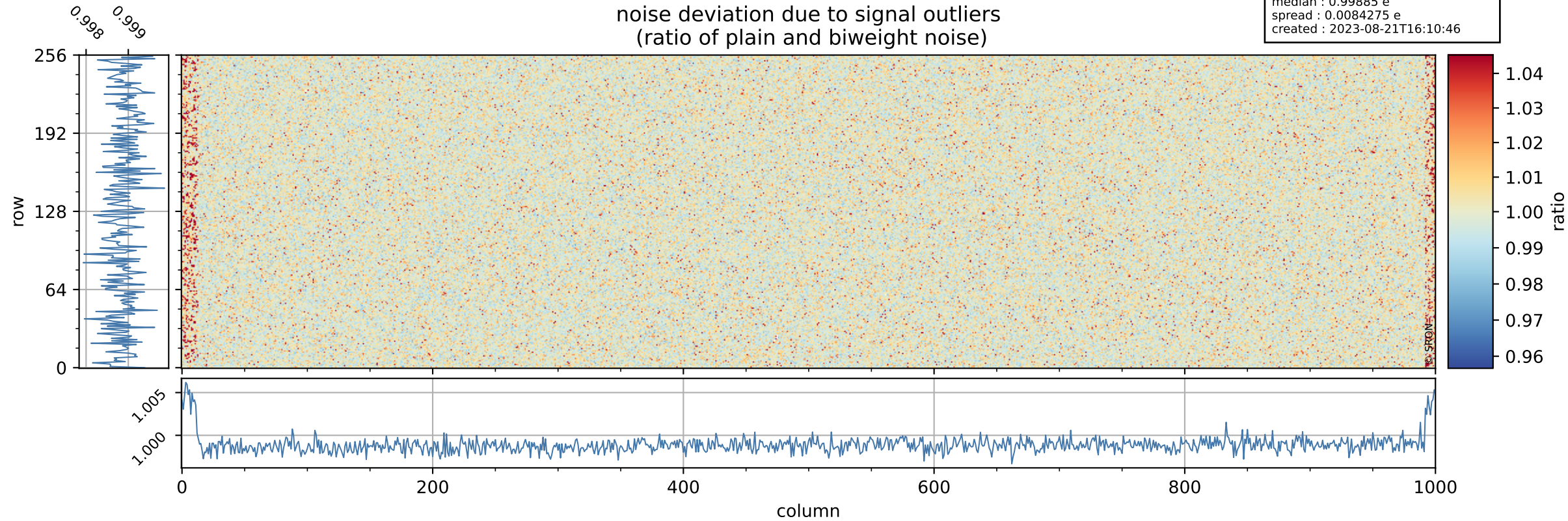
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

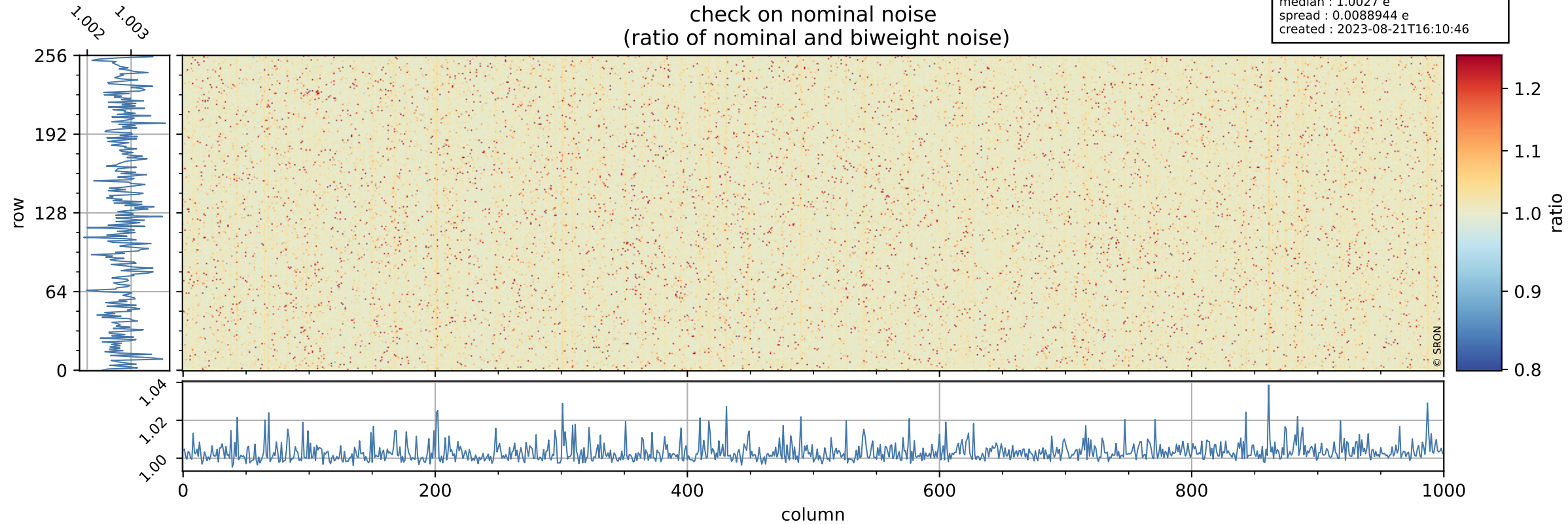
orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
median : 0.99885 e
spread : 0.0084275 e
created : 2023-08-21T16:10:46



Tropomi SWIR background noise (swir)

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

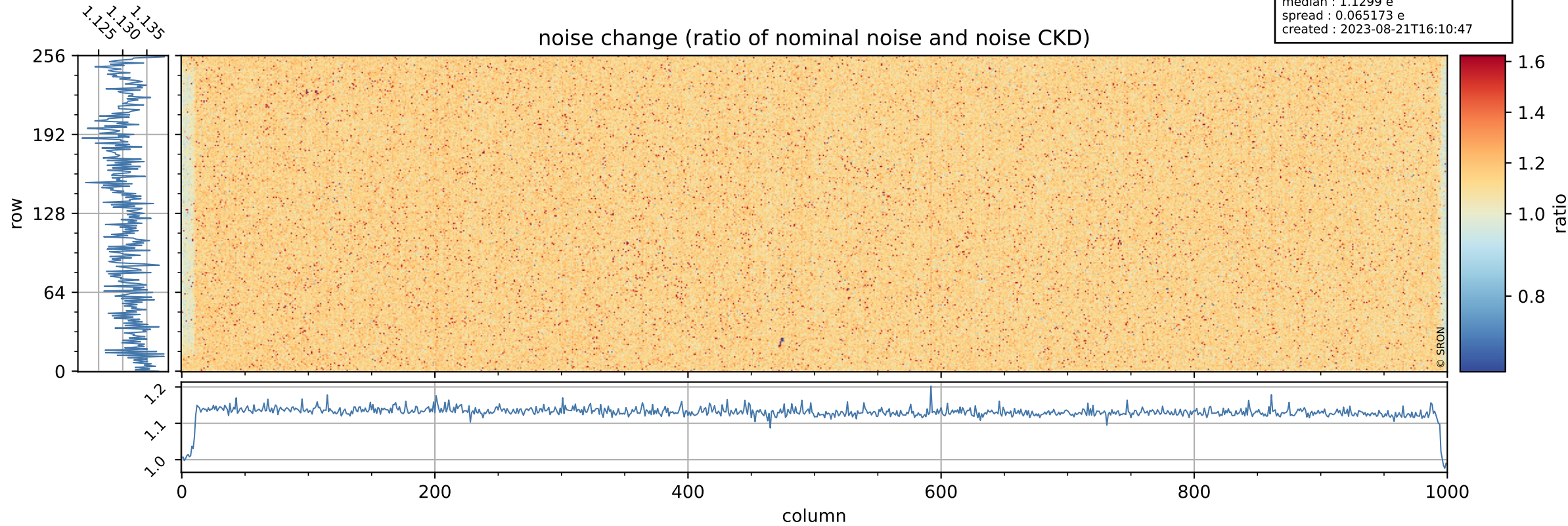
orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
median : 1.0027 e
spread : 0.0088944 e
created : 2023-08-21T16:10:46



Tropomi SWIR background noise (swir)

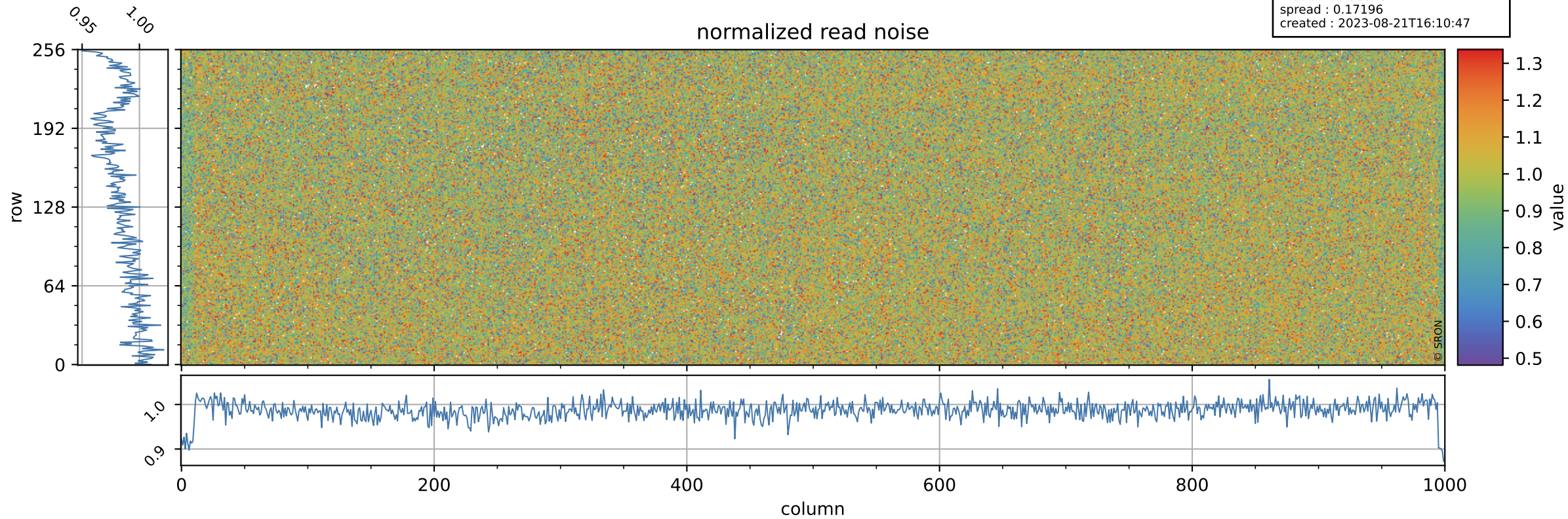
orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
median : 1.1299 e
spread : 0.065173 e
created : 2023-08-21T16:10:47

noise change (ratio of nominal noise and noise CKD)



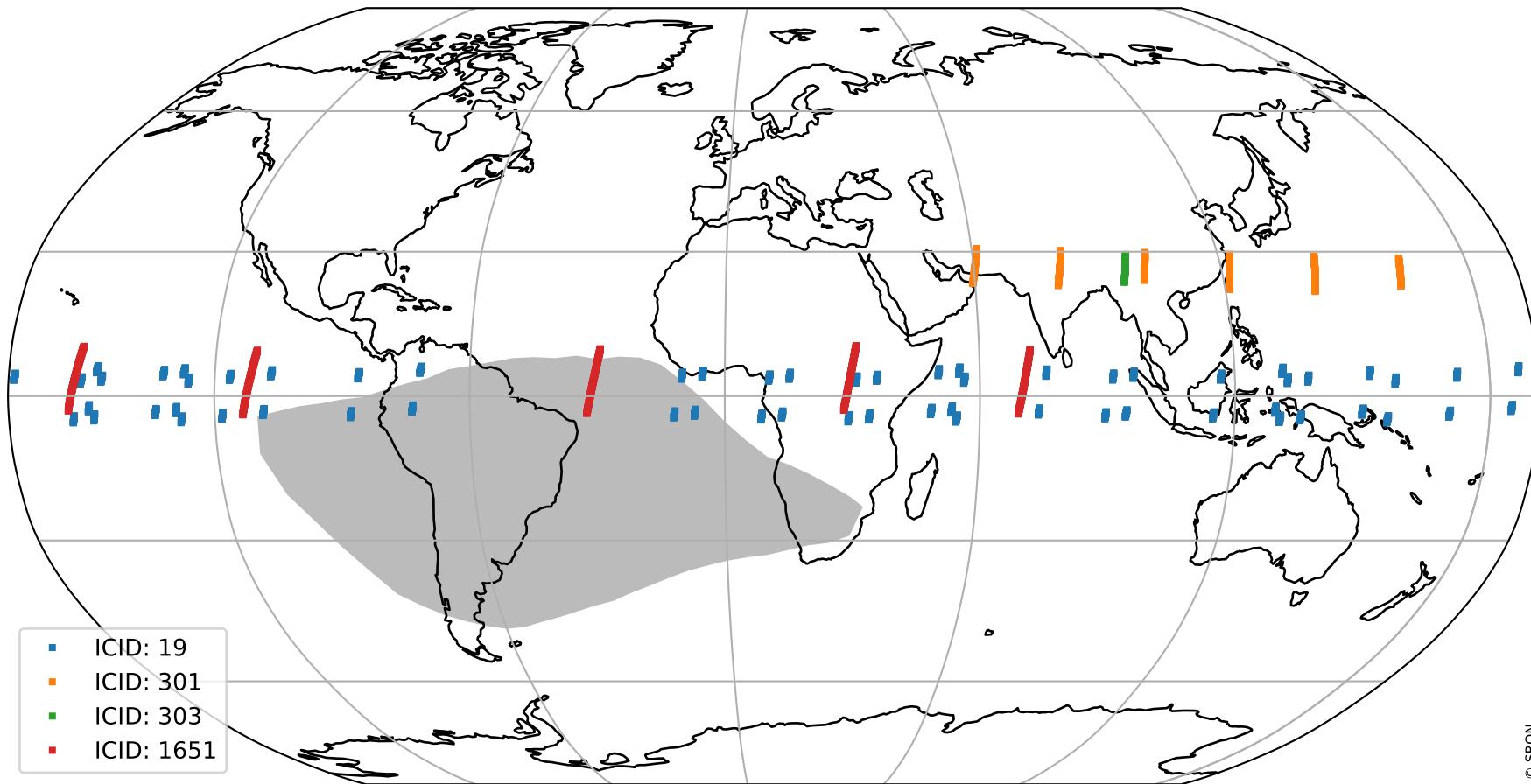
Tropomi SWIR background noise (swir)

orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
median : 0.98525
spread : 0.17196
created : 2023-08-21T16:10:47



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

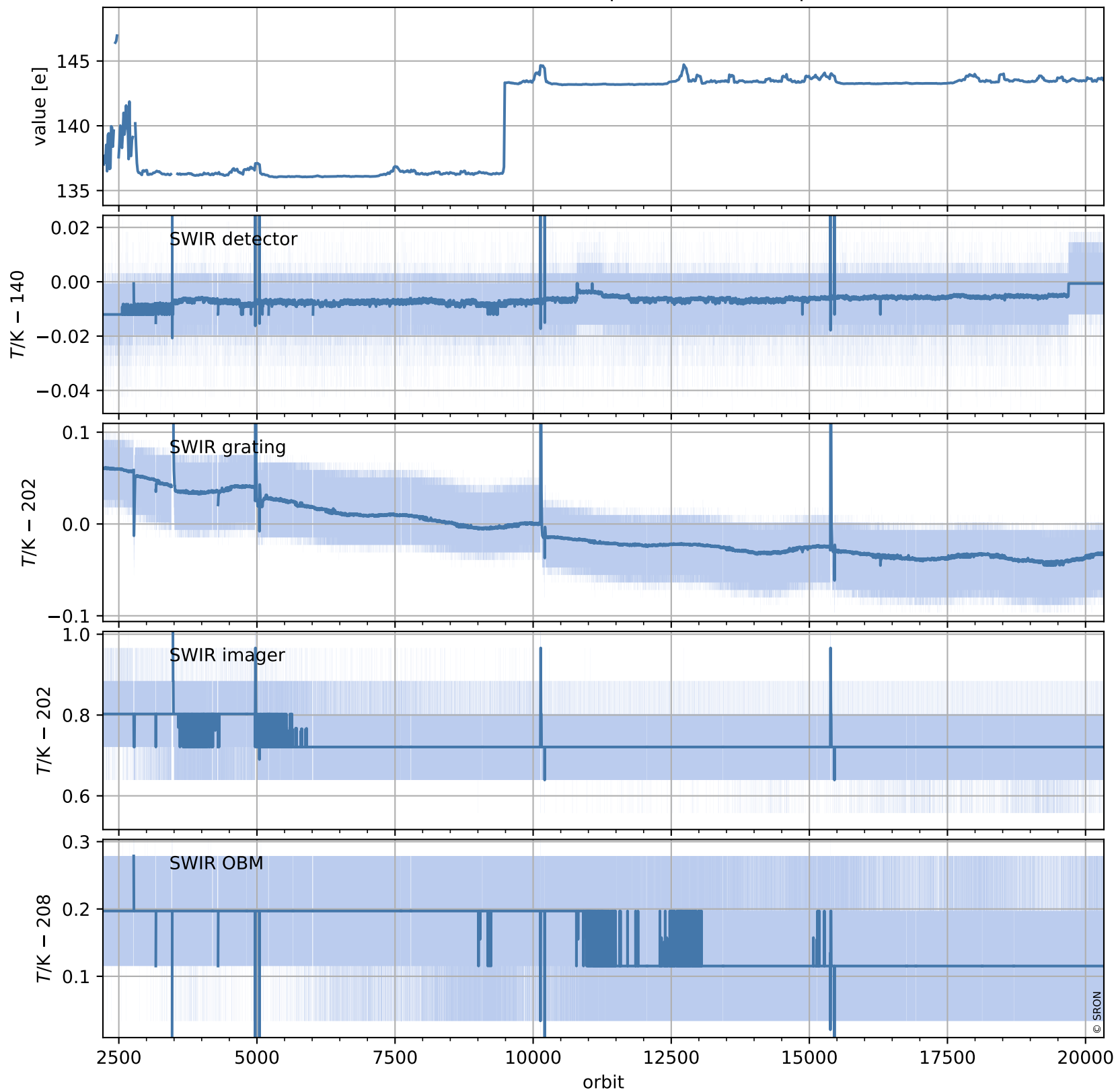
orbits : 12 in [20242, 20332]
coverage : 2021-09-09 / 2021-09-14
created : 2023-08-21T16:10:47



Tropomi SWIR background noise (swir)

orbits : [2212, 20332]
coverage : 2018-03-18 / 2021-09-14
created : 2023-08-21T16:10:48

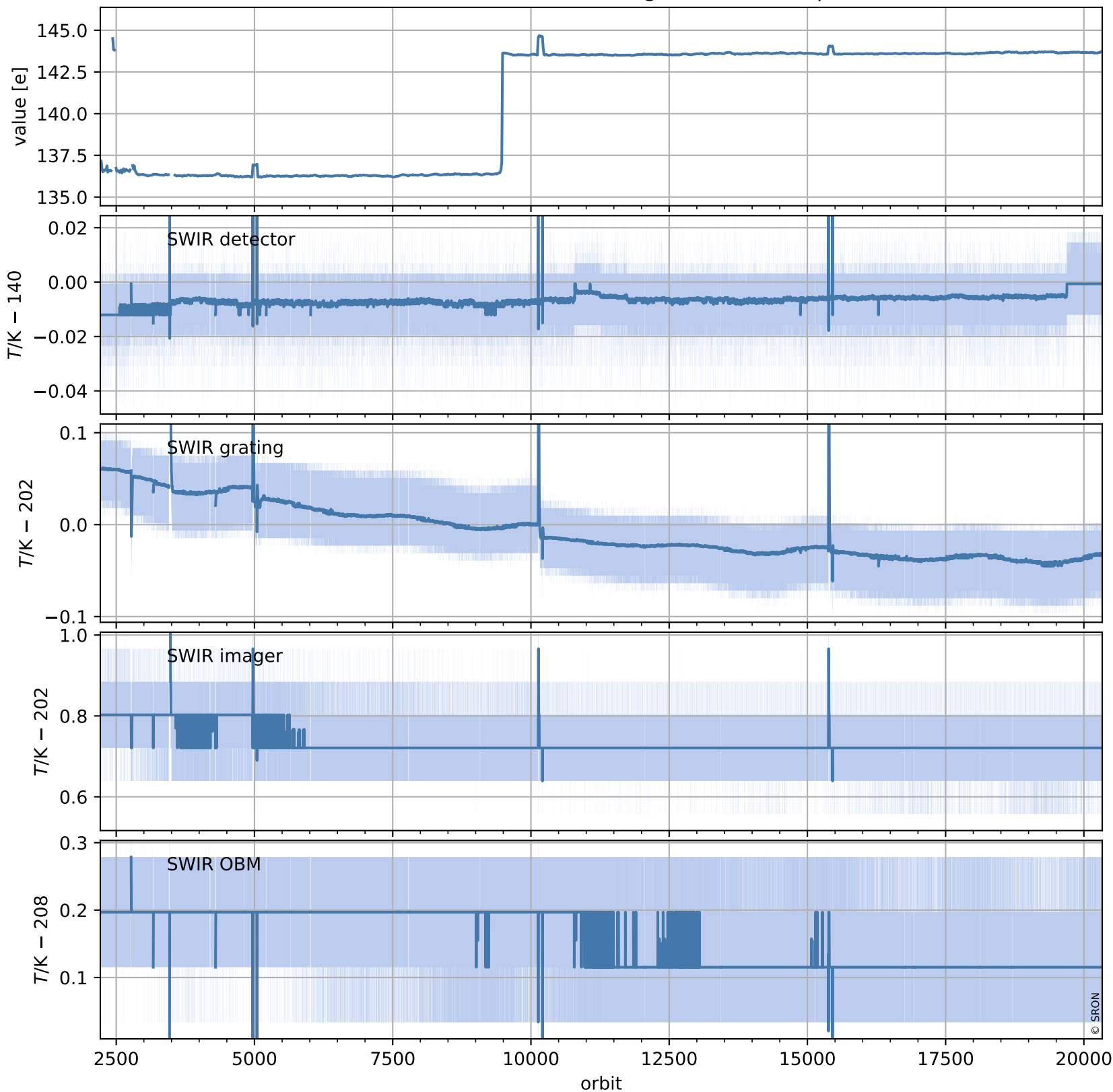
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20332]
coverage : 2018-03-18 / 2021-09-14
created : 2023-08-21T16:10:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20332]
coverage : 2018-03-18 / 2021-09-14
created : 2023-08-21T16:10:49

trend of normalized read-noise & temperatures

