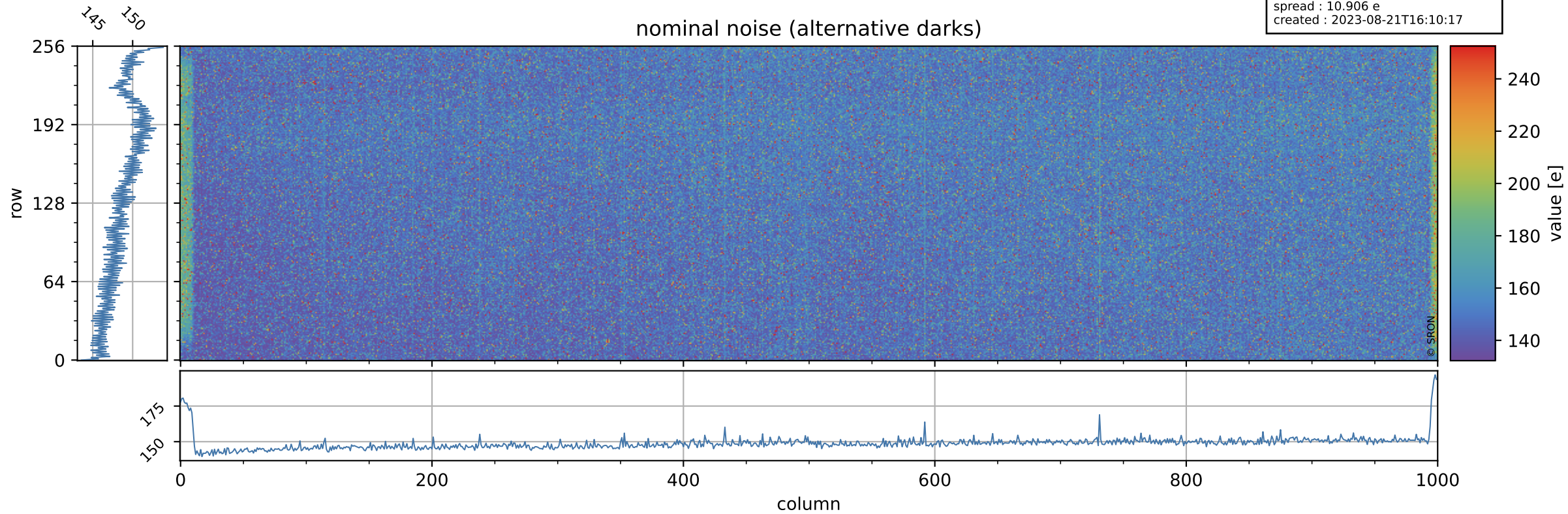


Tropomi SWIR background noise (swir)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.906 e
created : 2023-08-21T16:10:17

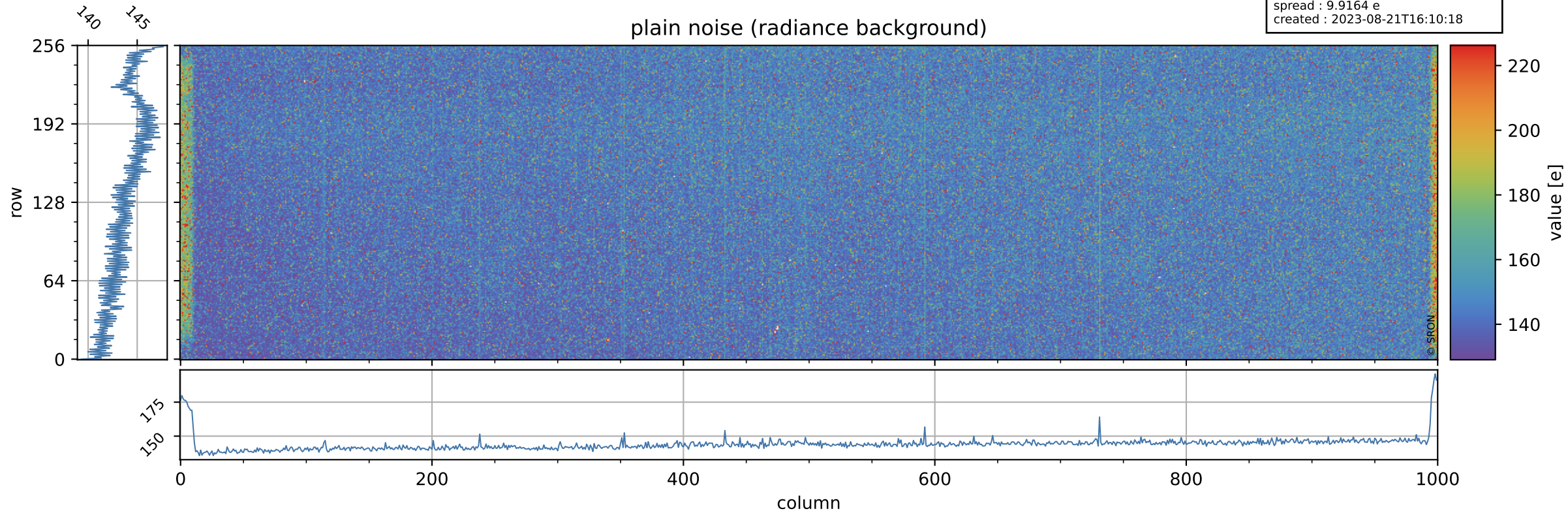
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9164 e
created : 2023-08-21T16:10:18

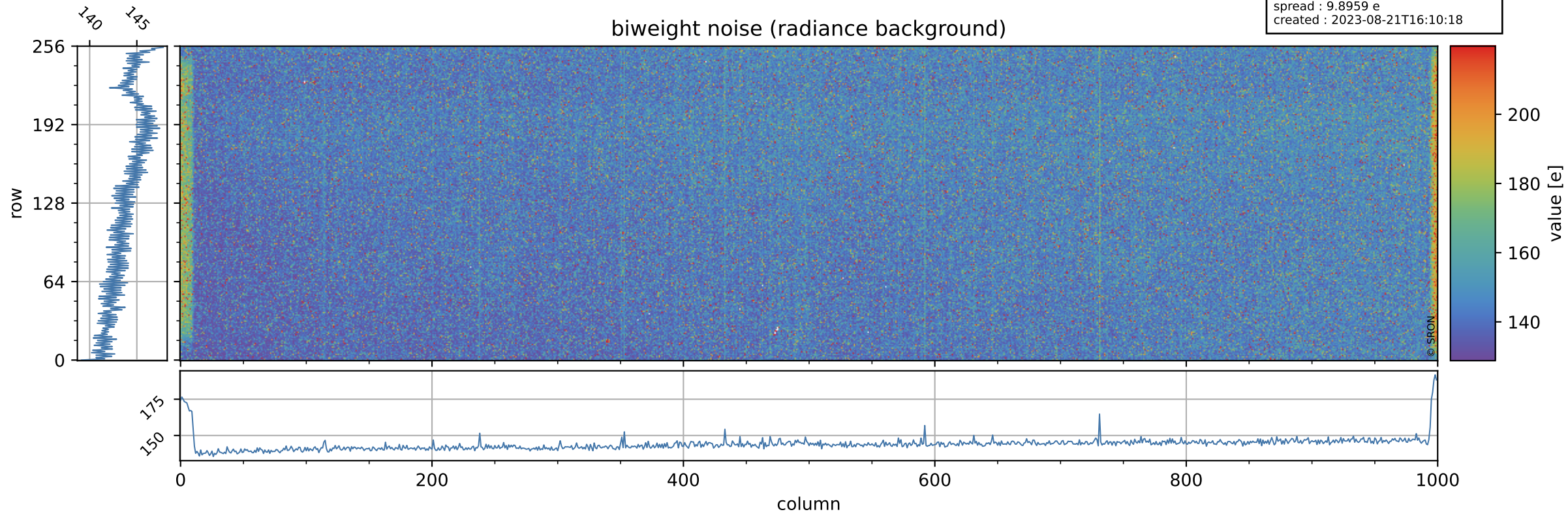
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8959 e
created : 2023-08-21T16:10:18

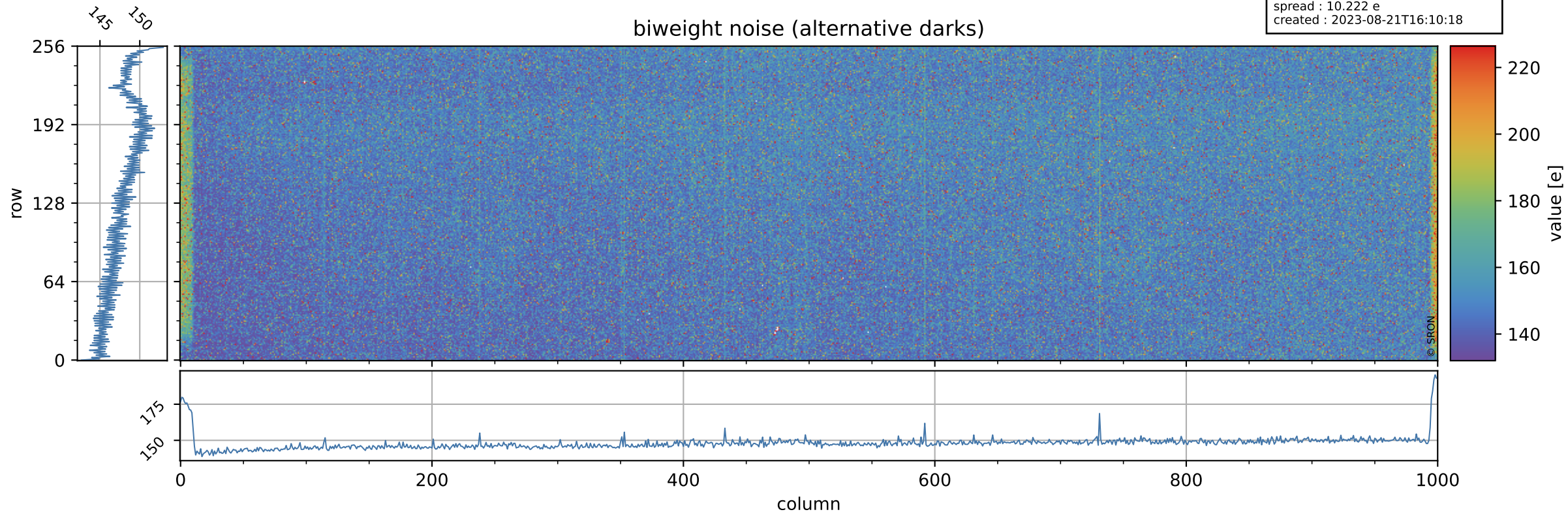
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.222 e
created : 2023-08-21T16:10:18

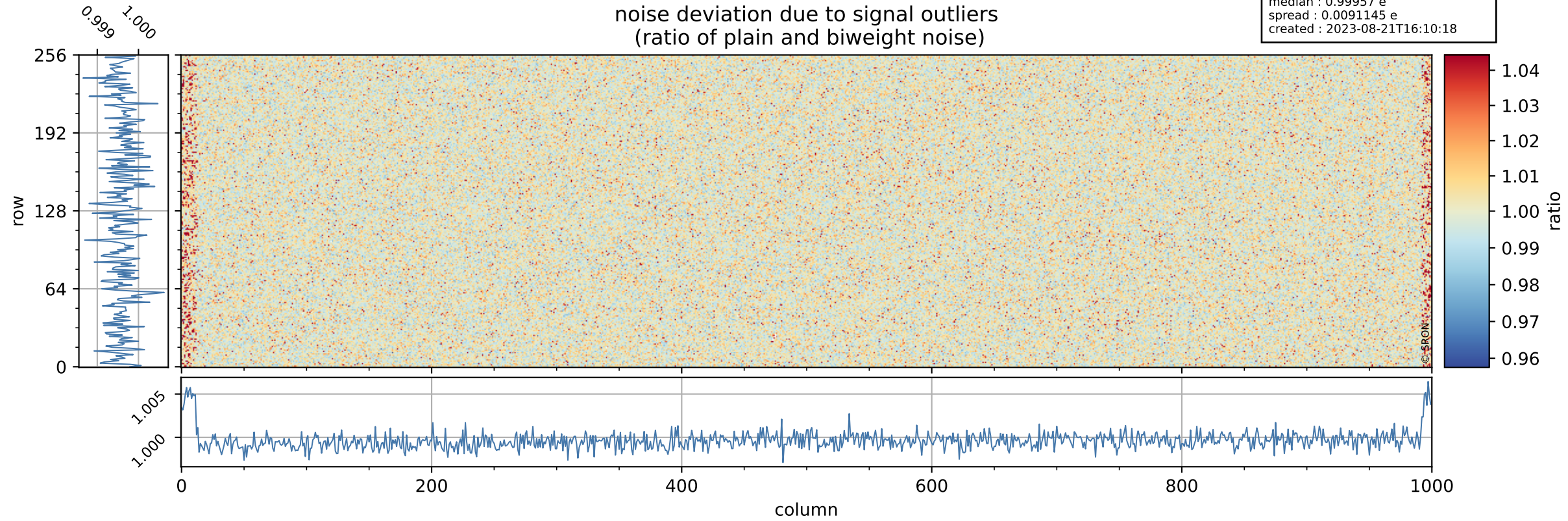
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

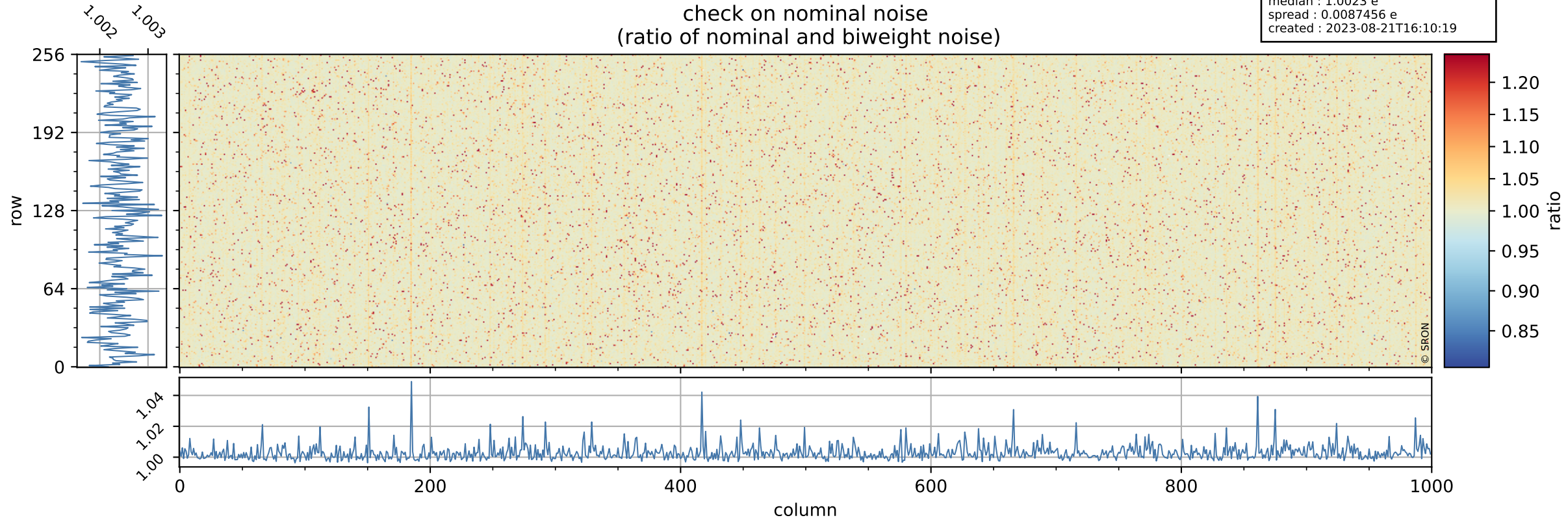
orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
median : 0.99957 e
spread : 0.0091145 e
created : 2023-08-21T16:10:18



Tropomi SWIR background noise (swir)

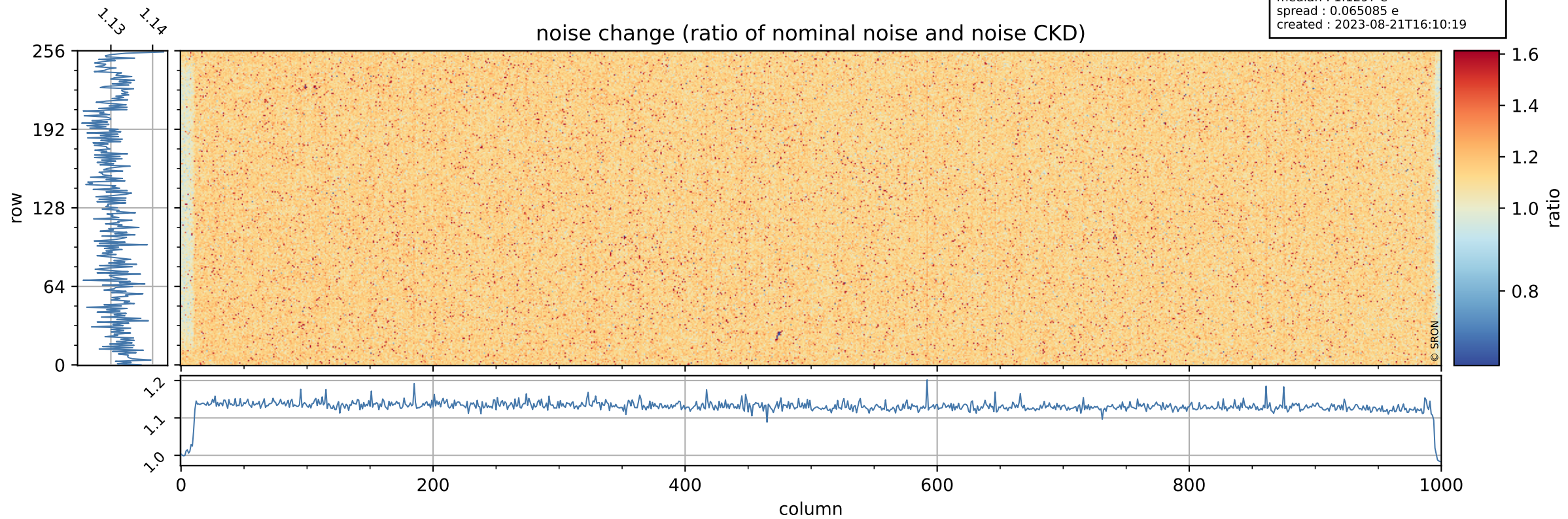
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
median : 1.0023 e
spread : 0.0087456 e
created : 2023-08-21T16:10:19



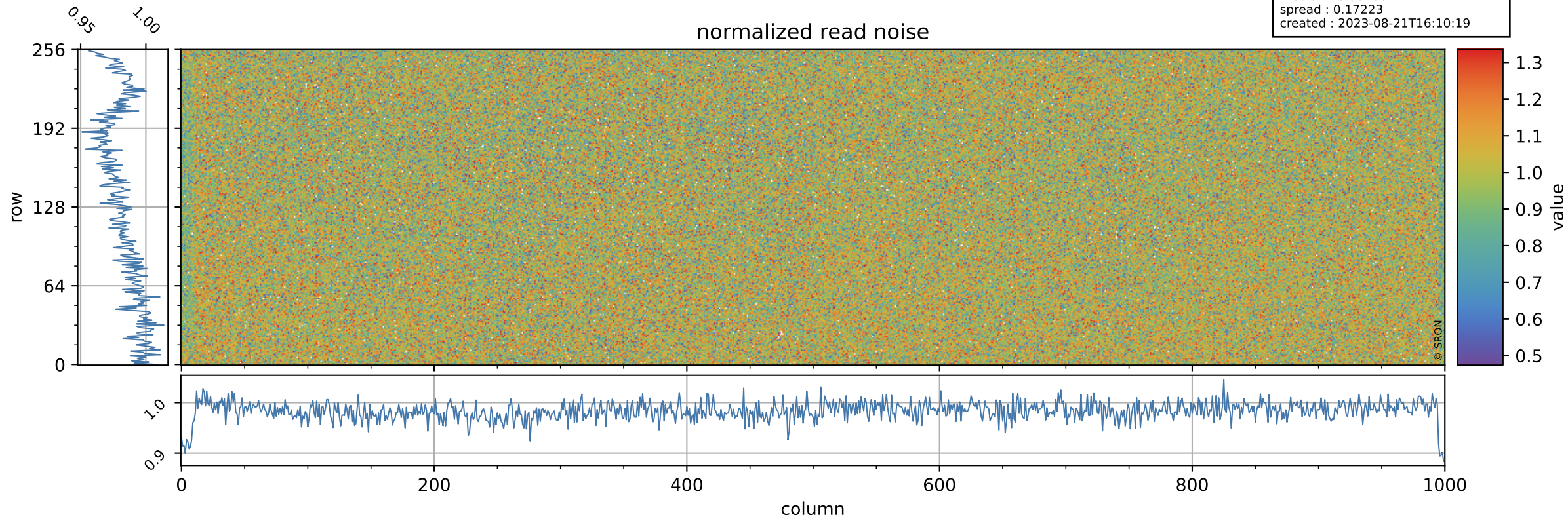
Tropomi SWIR background noise (swir)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
median : 1.1297 e
spread : 0.065085 e
created : 2023-08-21T16:10:19



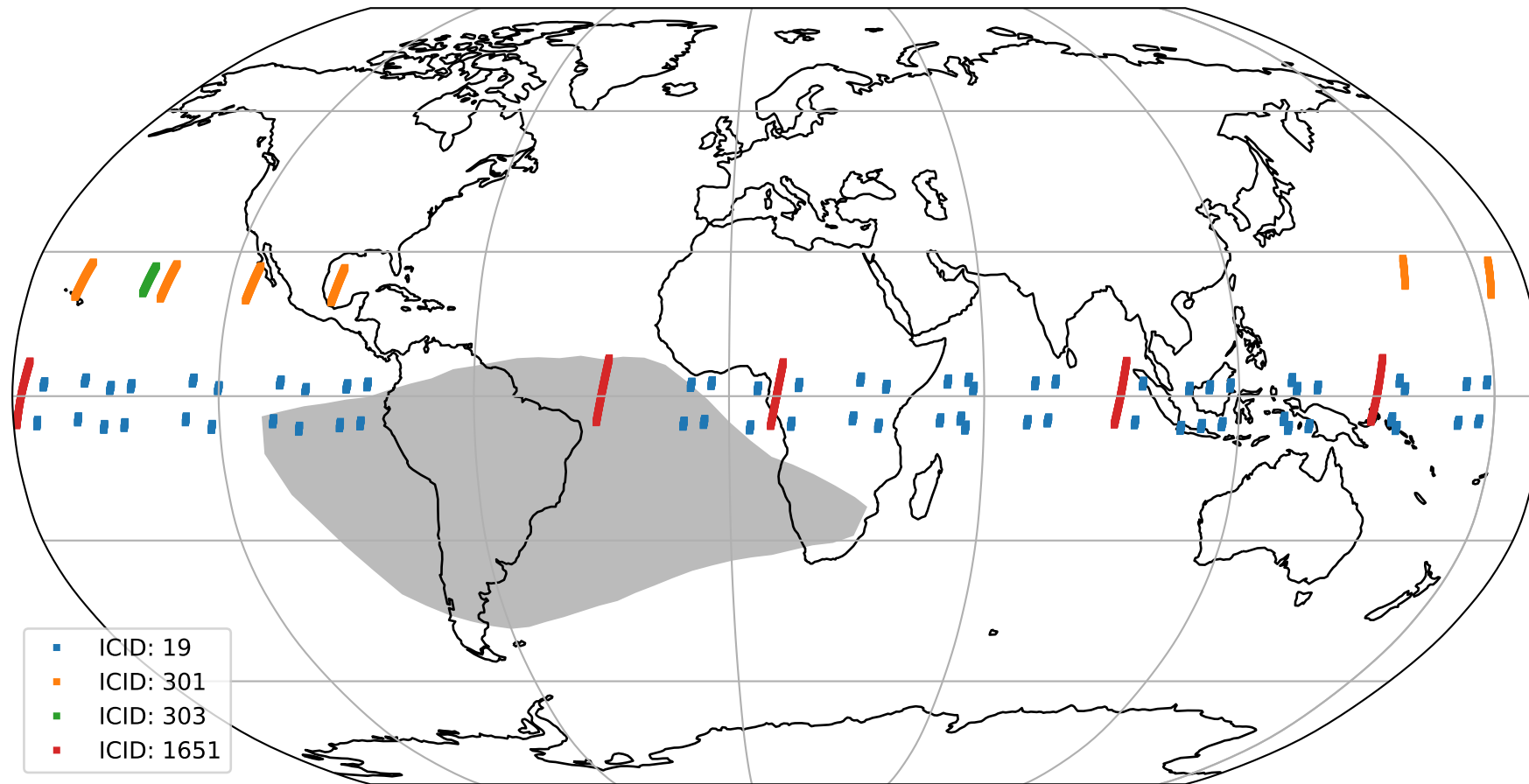
Tropomi SWIR background noise (swir)

orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
median : 0.98208
spread : 0.17223
created : 2023-08-21T16:10:19



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

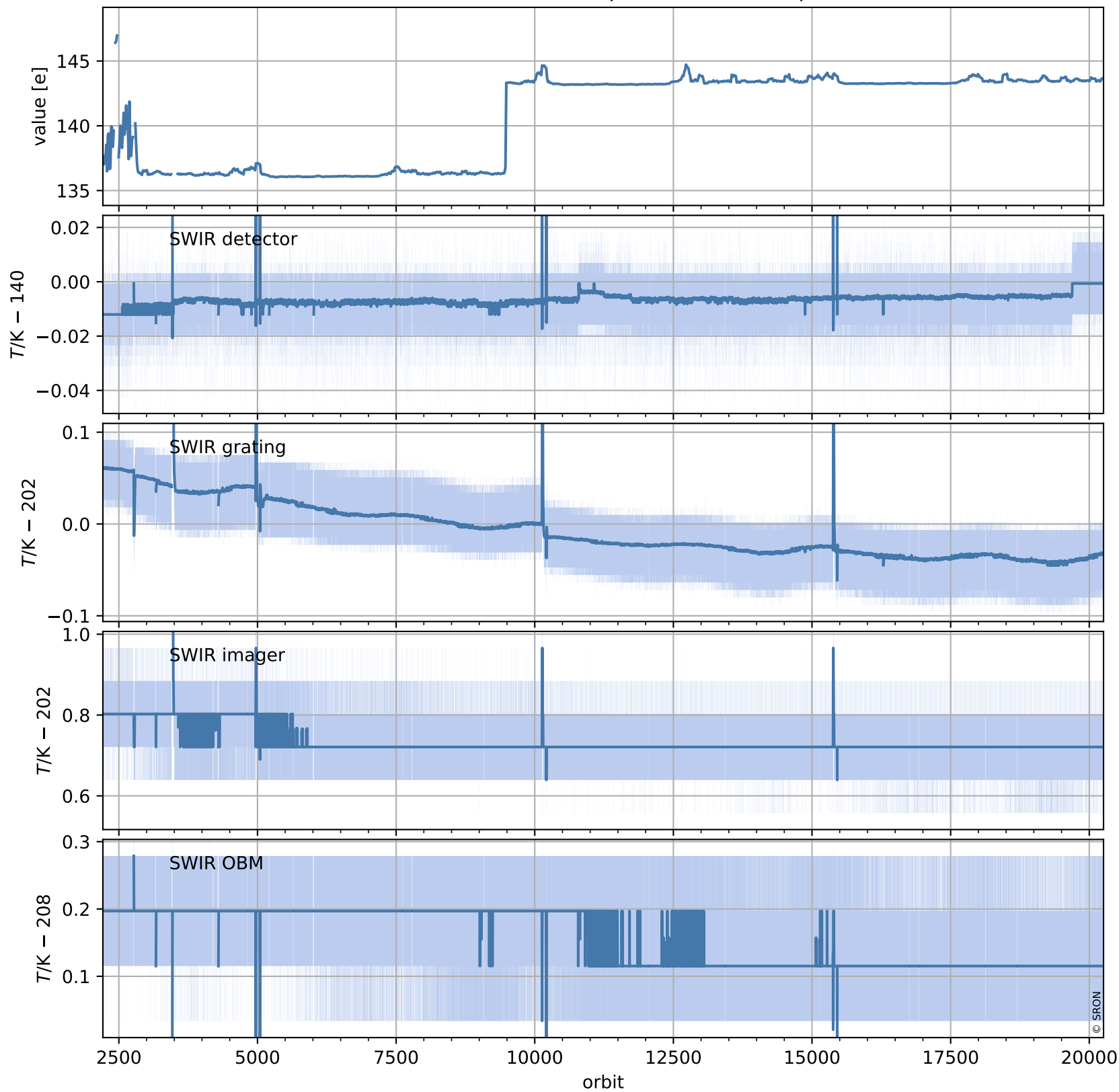
orbits : 12 in [20182, 20257]
coverage : 2021-09-04 / 2021-09-09
created : 2023-08-21T16:10:20



Tropomi SWIR background noise (swir)

orbits : [2212, 20257]
coverage : 2018-03-18 / 2021-09-09
created : 2023-08-21T16:10:20

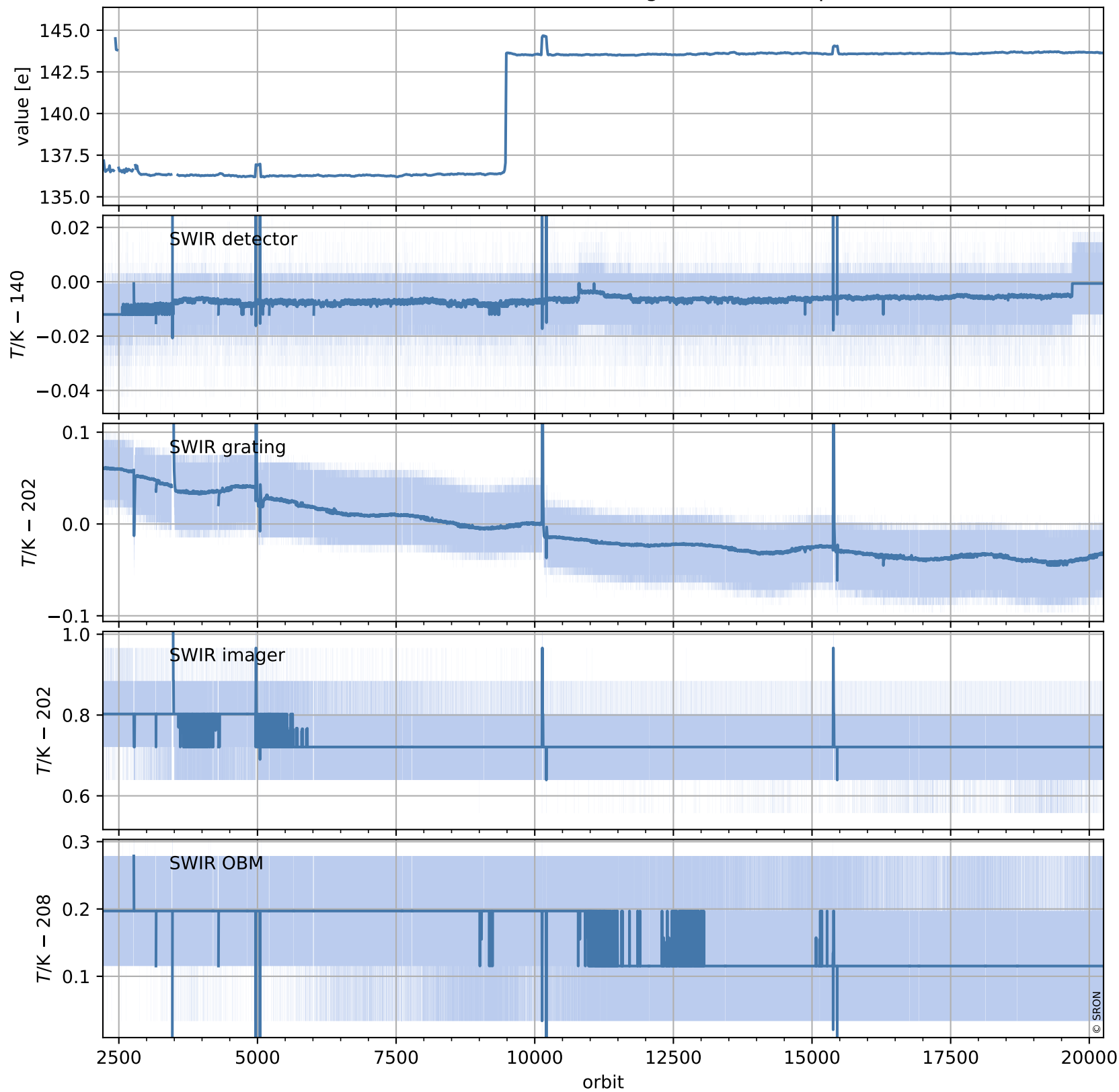
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20257]
coverage : 2018-03-18 / 2021-09-09
created : 2023-08-21T16:10:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20257]
coverage : 2018-03-18 / 2021-09-09
created : 2023-08-21T16:10:22

trend of normalized read-noise & temperatures

