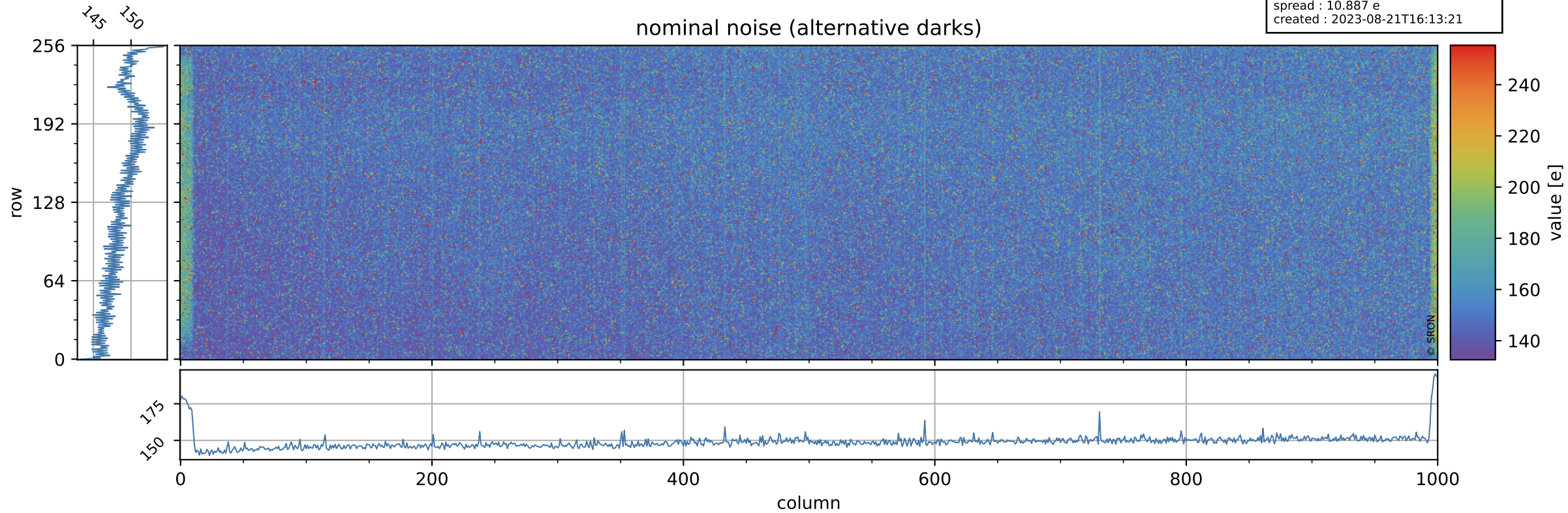


Tropomi SWIR background noise (swir)

orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.887 e
created : 2023-08-21T16:13:21

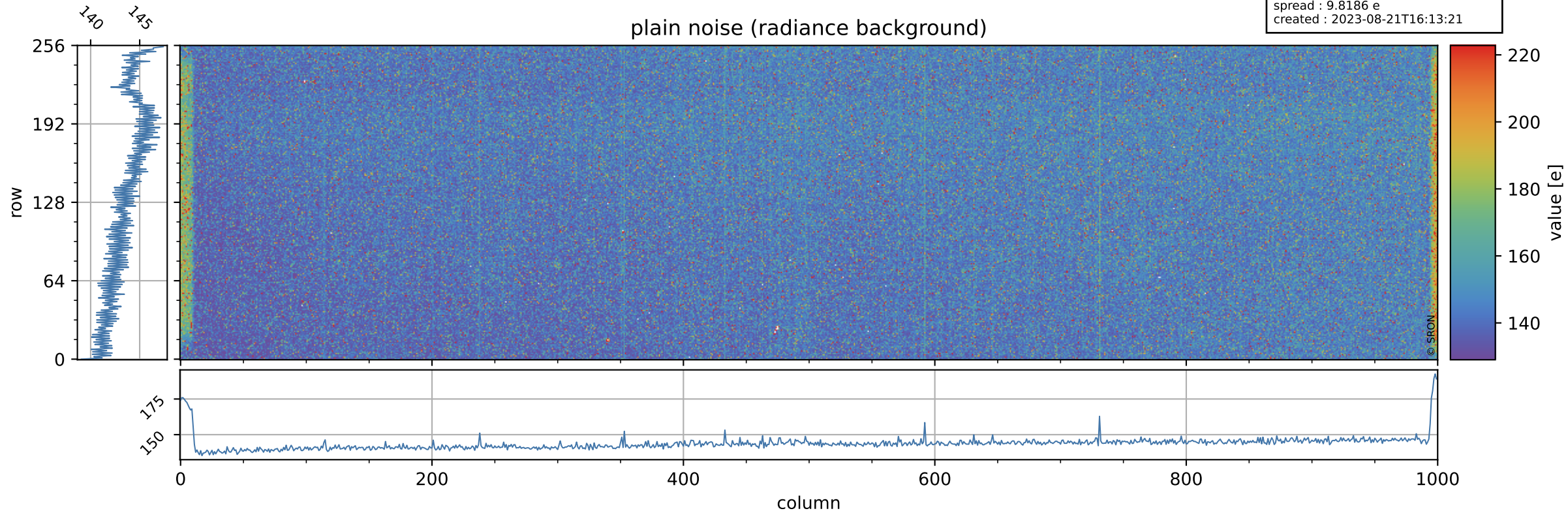
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.8186 e
created : 2023-08-21T16:13:21

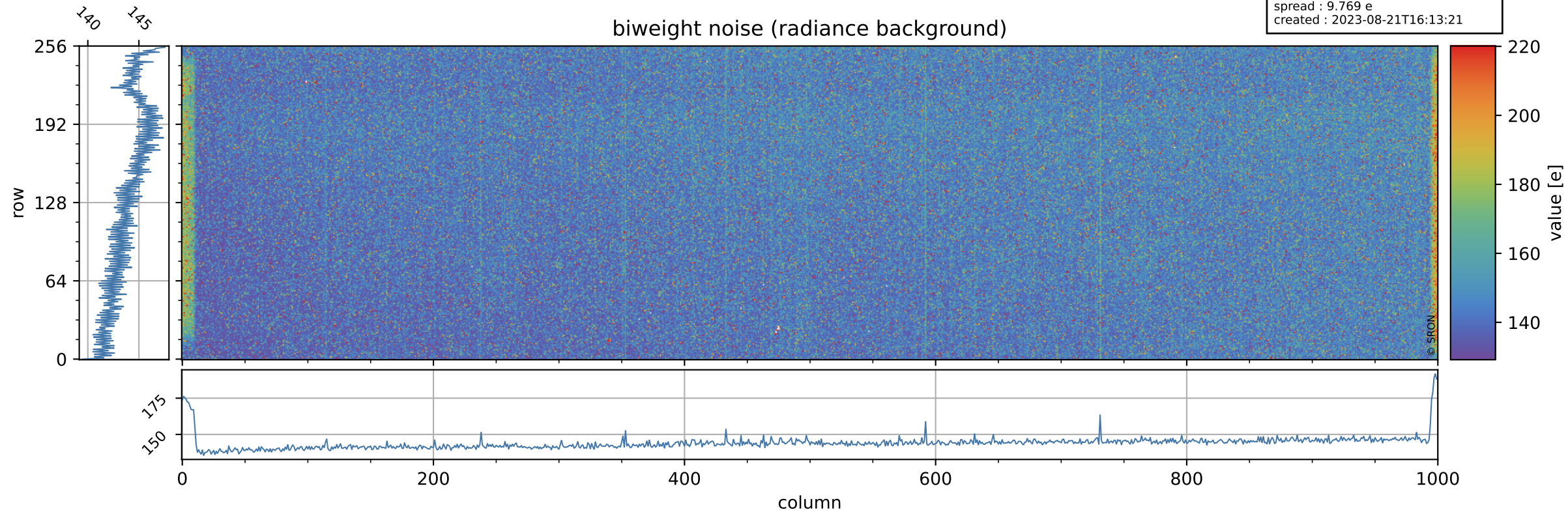
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.769 e
created : 2023-08-21T16:13:21

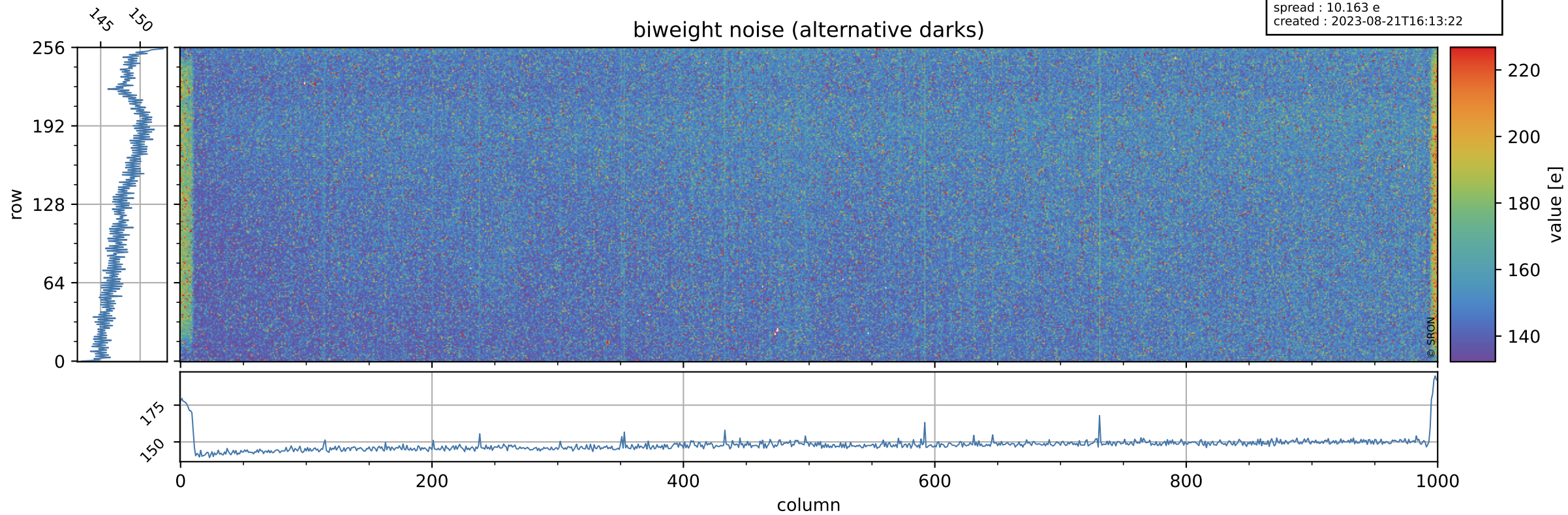
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.163 e
created : 2023-08-21T16:13:22

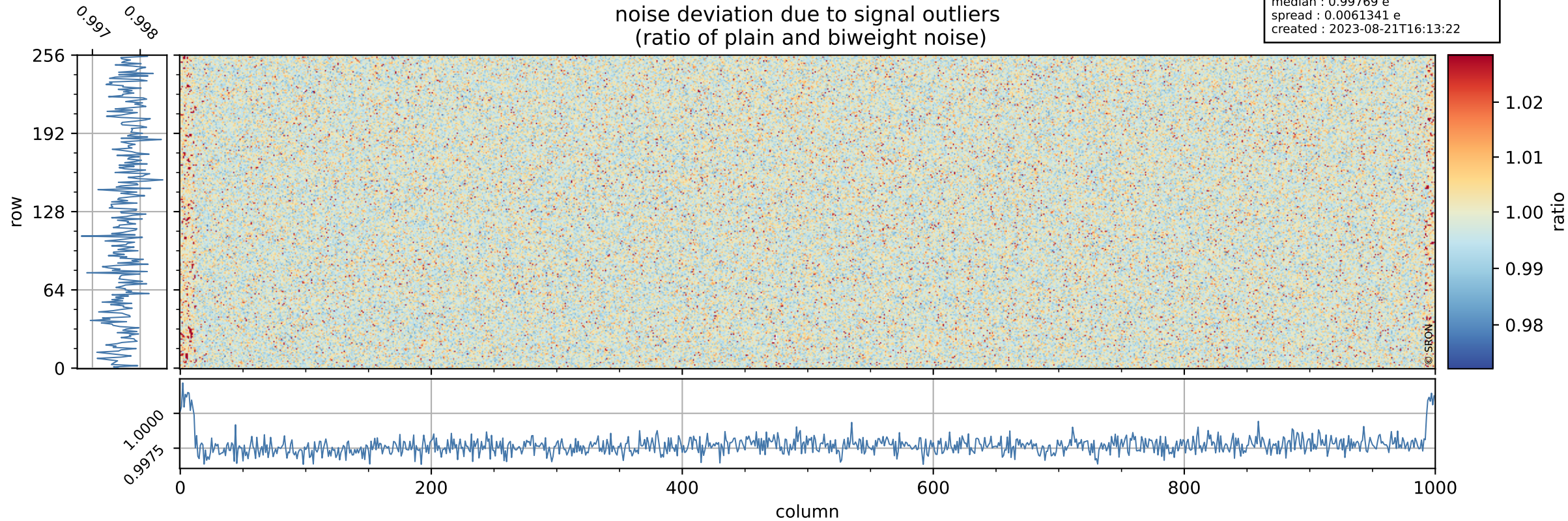
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

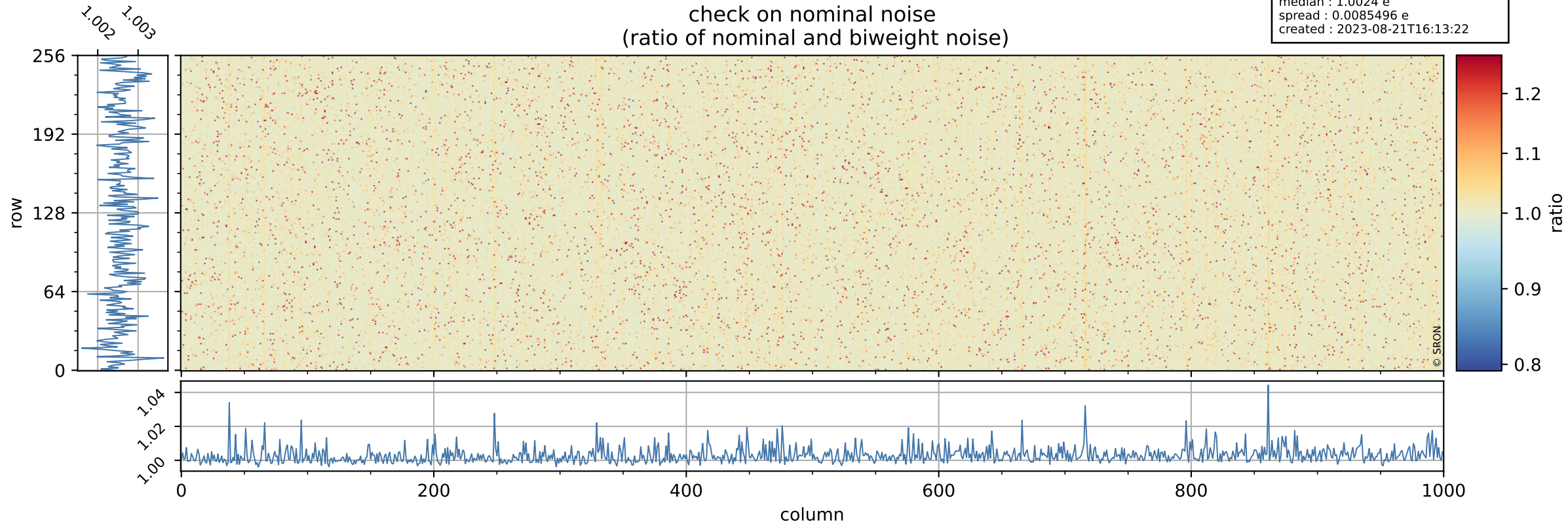
orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
median : 0.99769 e
spread : 0.0061341 e
created : 2023-08-21T16:13:22



Tropomi SWIR background noise (swir)

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

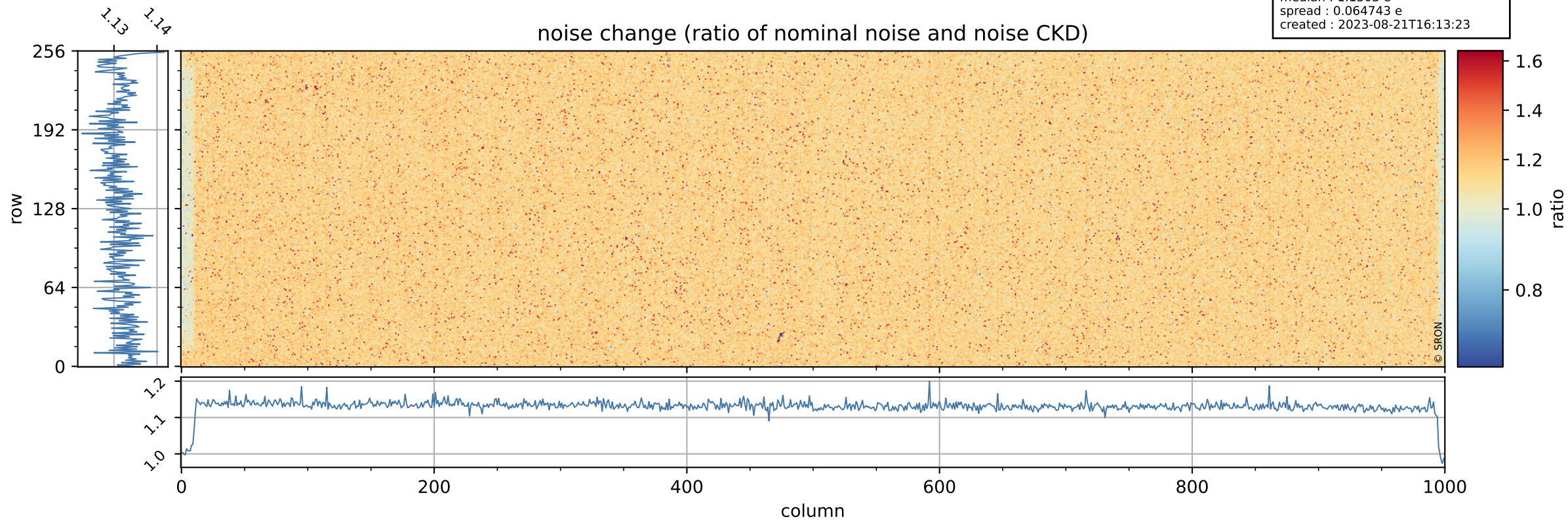
orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
median : 1.0024 e
spread : 0.0085496 e
created : 2023-08-21T16:13:22



Tropomi SWIR background noise (swir)

orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
median : 1.1303 e
spread : 0.064743 e
created : 2023-08-21T16:13:23

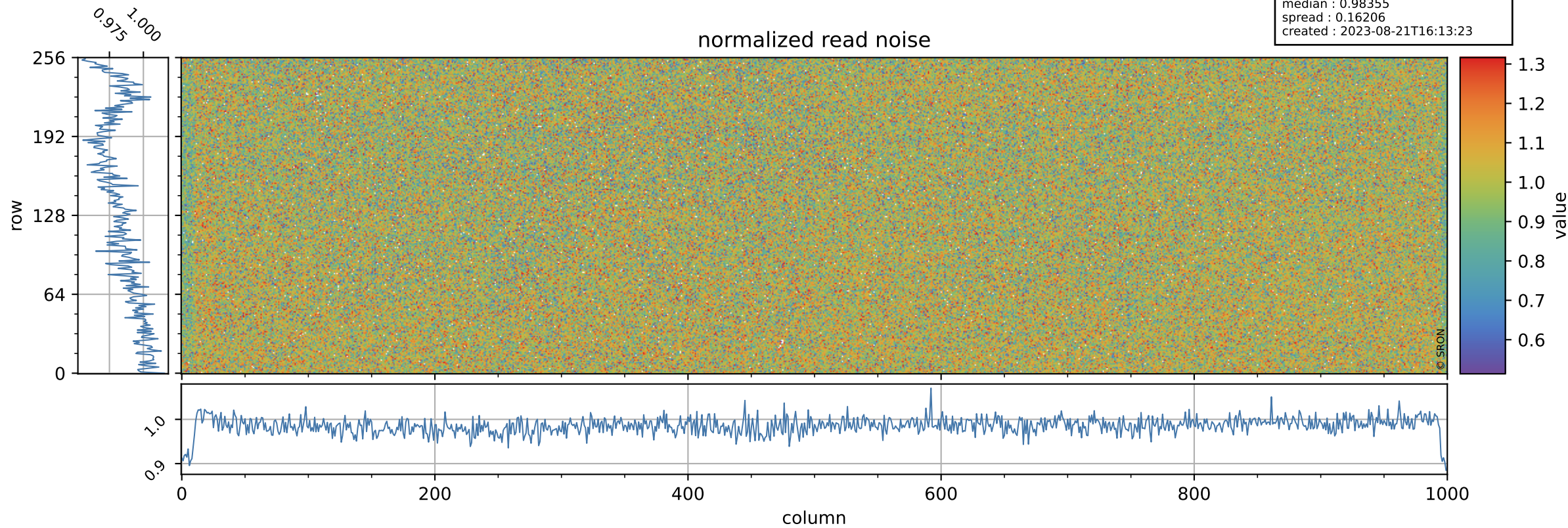
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

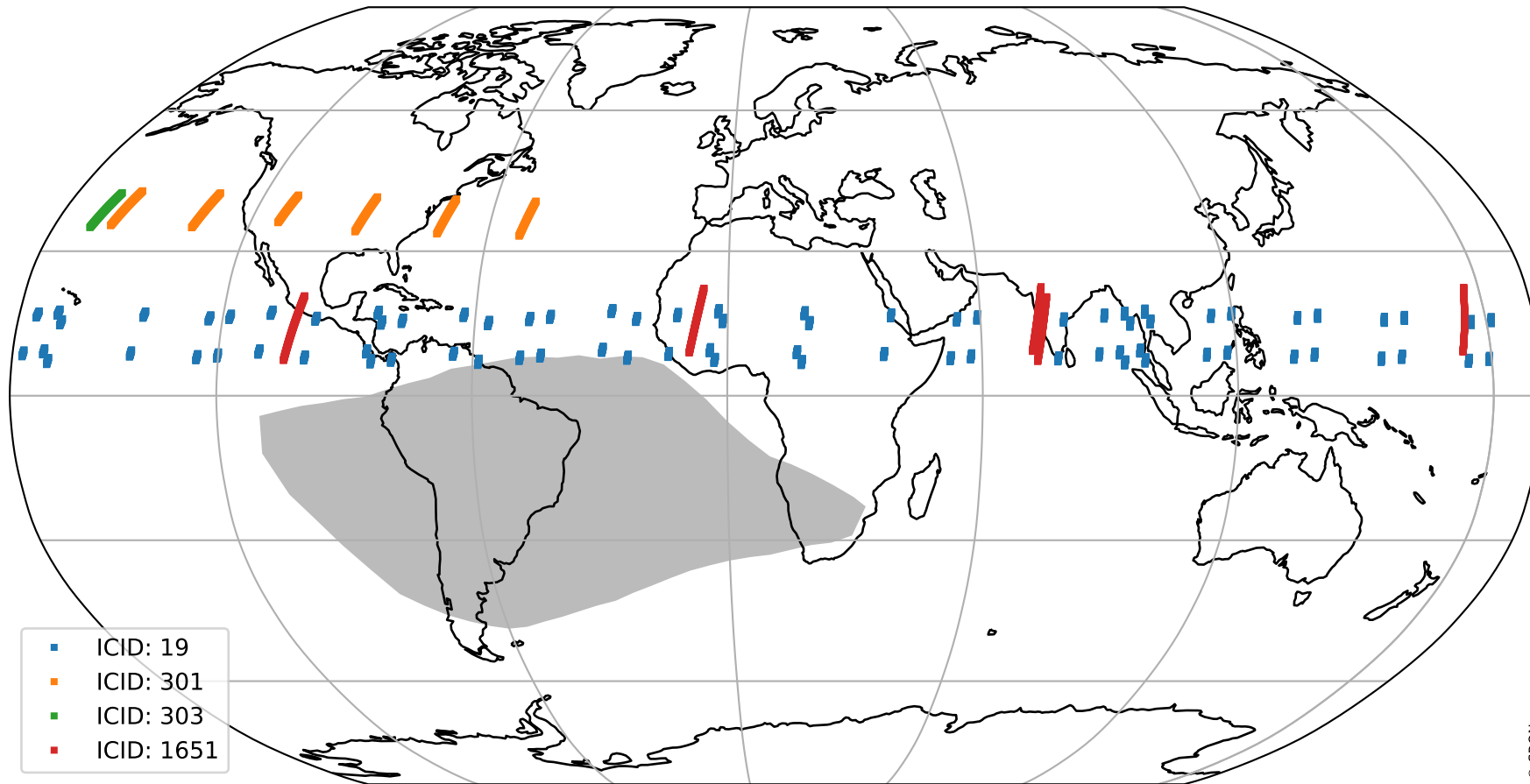
orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
median : 0.98355
spread : 0.16206
created : 2023-08-21T16:13:23

normalized read noise



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

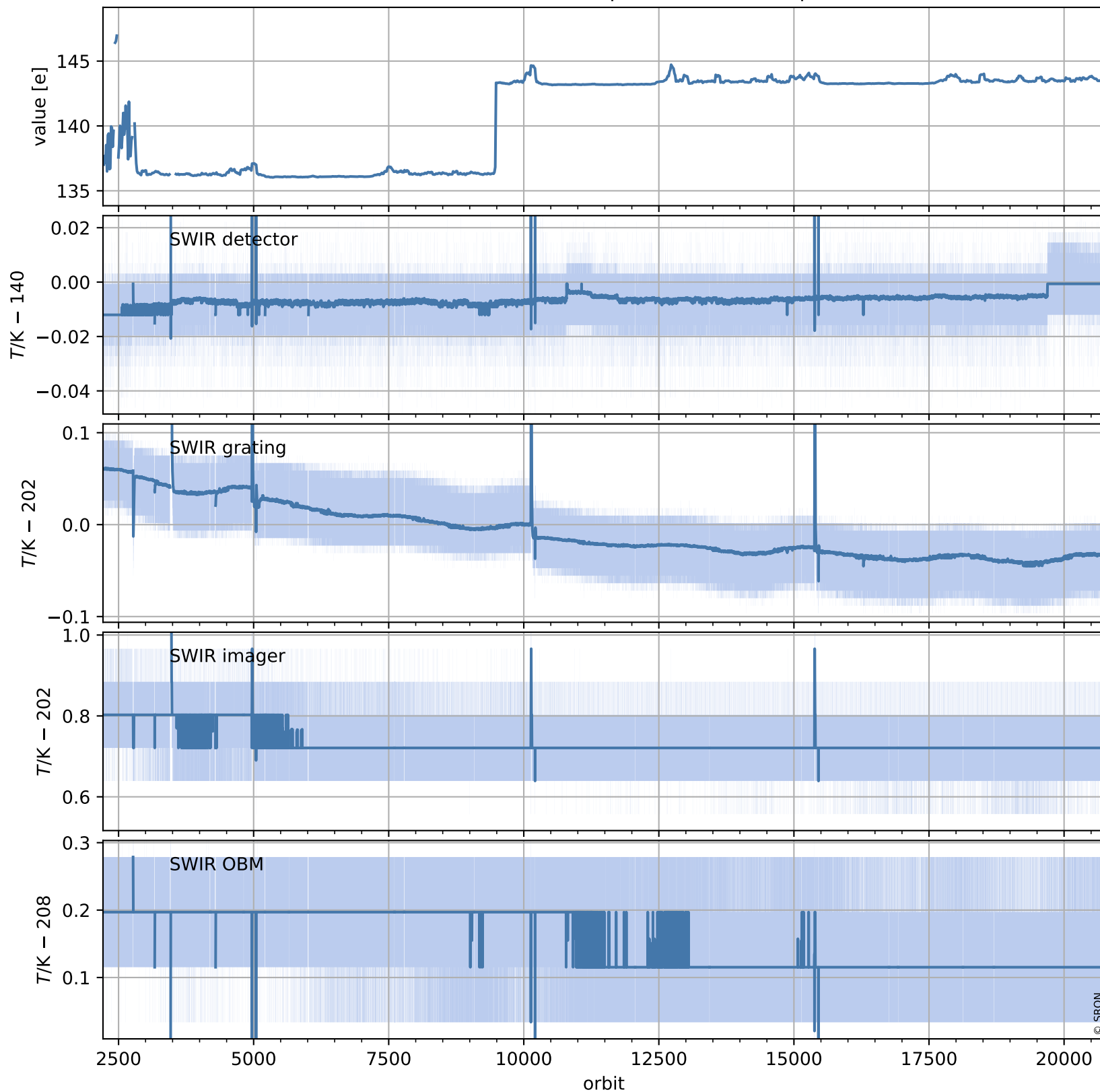
orbits : 12 in [20662, 20752]
coverage : 2021-10-09 / 2021-10-14
created : 2023-08-21T16:13:23



Tropomi SWIR background noise (swir)

orbits : [2212, 20752]
coverage : 2018-03-18 / 2021-10-14
created : 2023-08-21T16:13:24

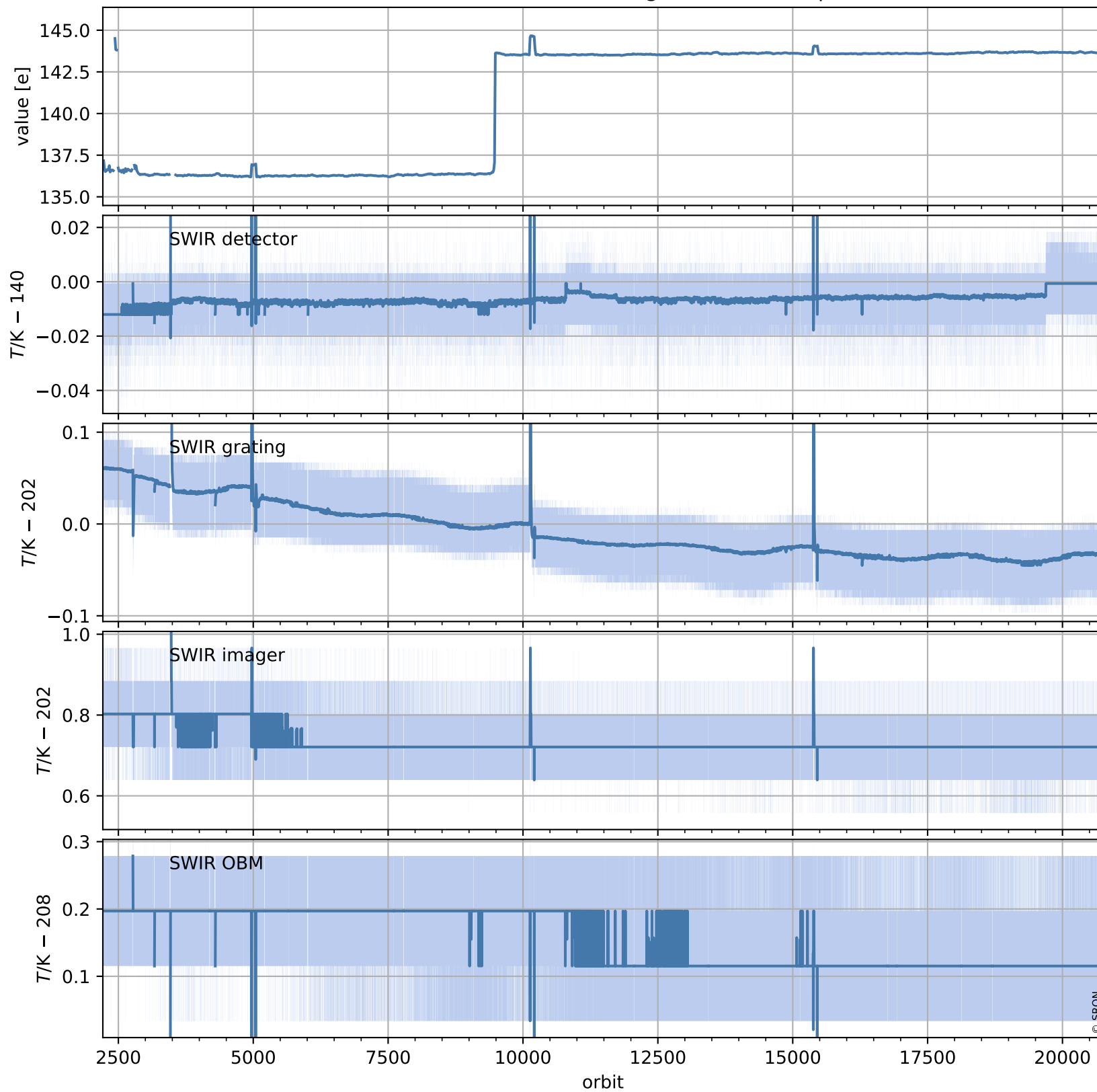
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20752]
coverage : 2018-03-18 / 2021-10-14
created : 2023-08-21T16:13:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20752]
coverage : 2018-03-18 / 2021-10-14
created : 2023-08-21T16:13:25

trend of normalized read-noise & temperatures

