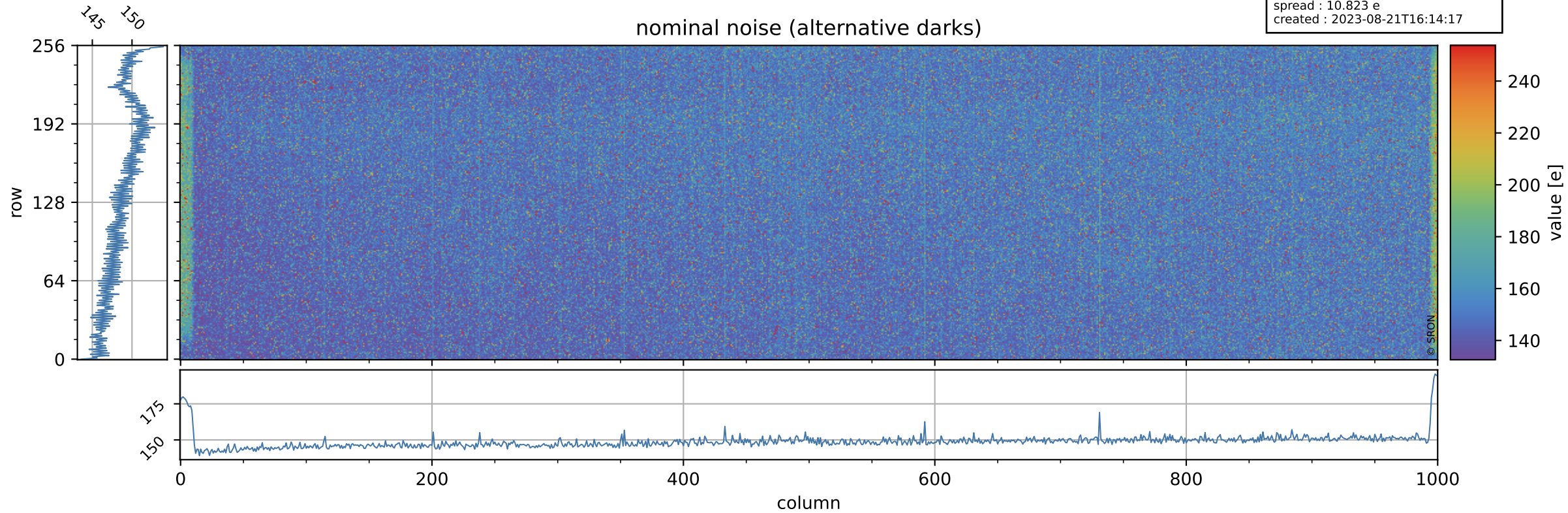


Tropomi SWIR background noise (swir)

orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.823 e
created : 2023-08-21T16:14:17

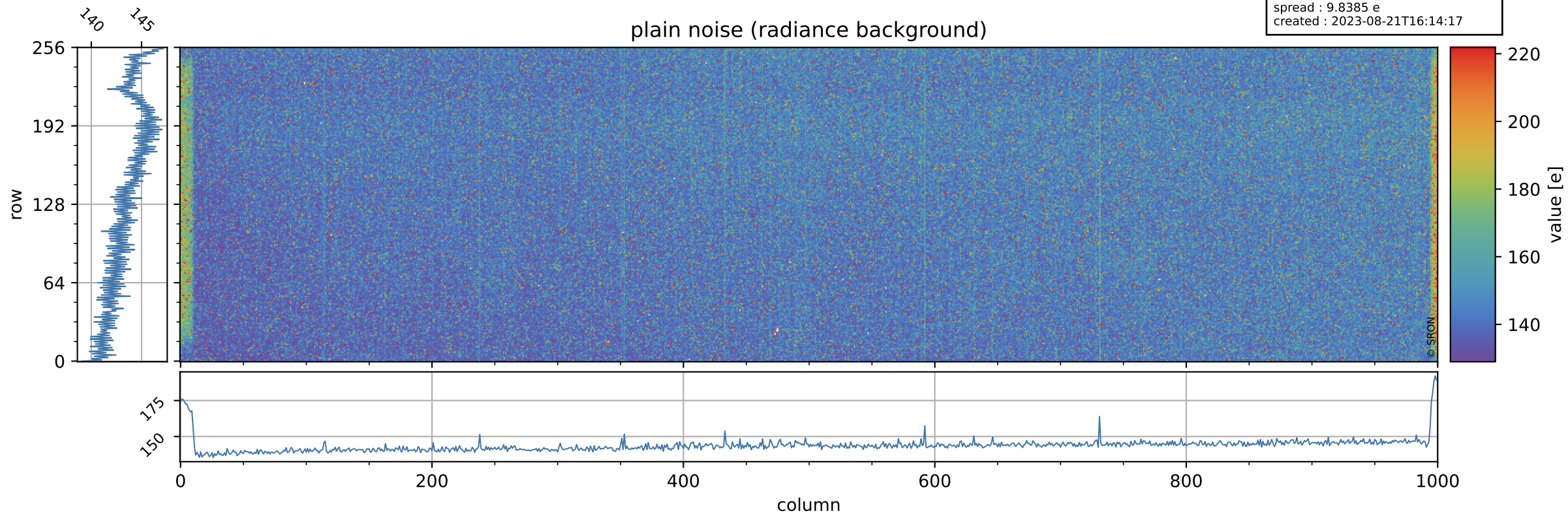
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8385 e
created : 2023-08-21T16:14:17

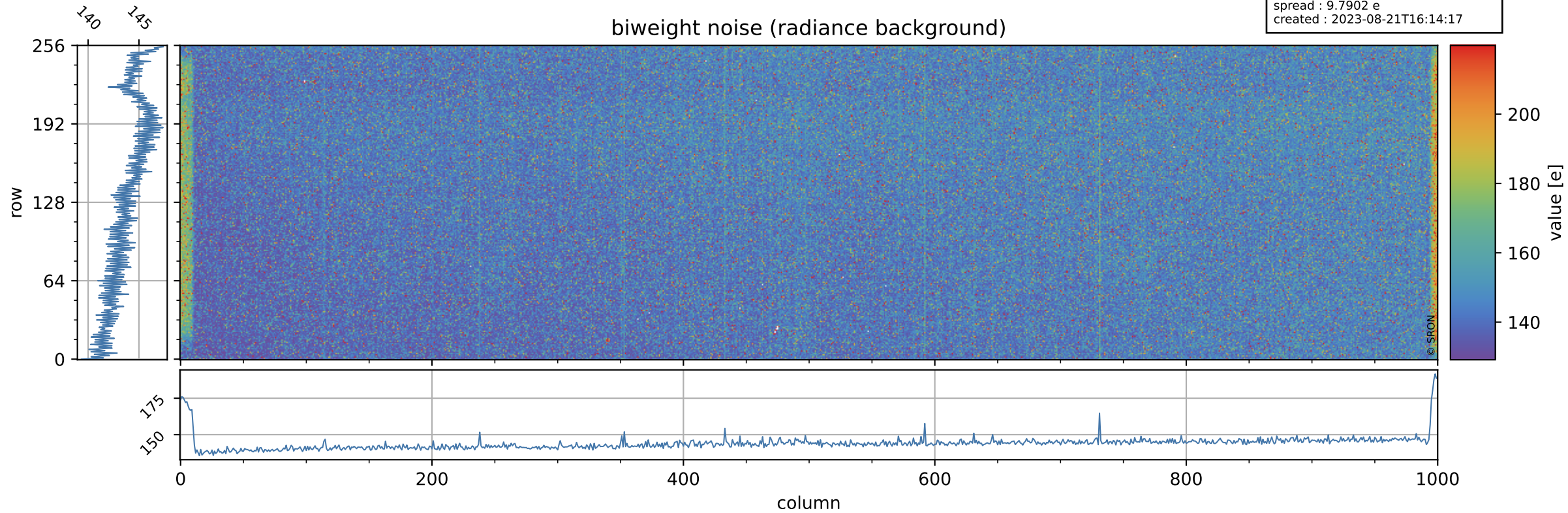
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7902 e
created : 2023-08-21T16:14:17

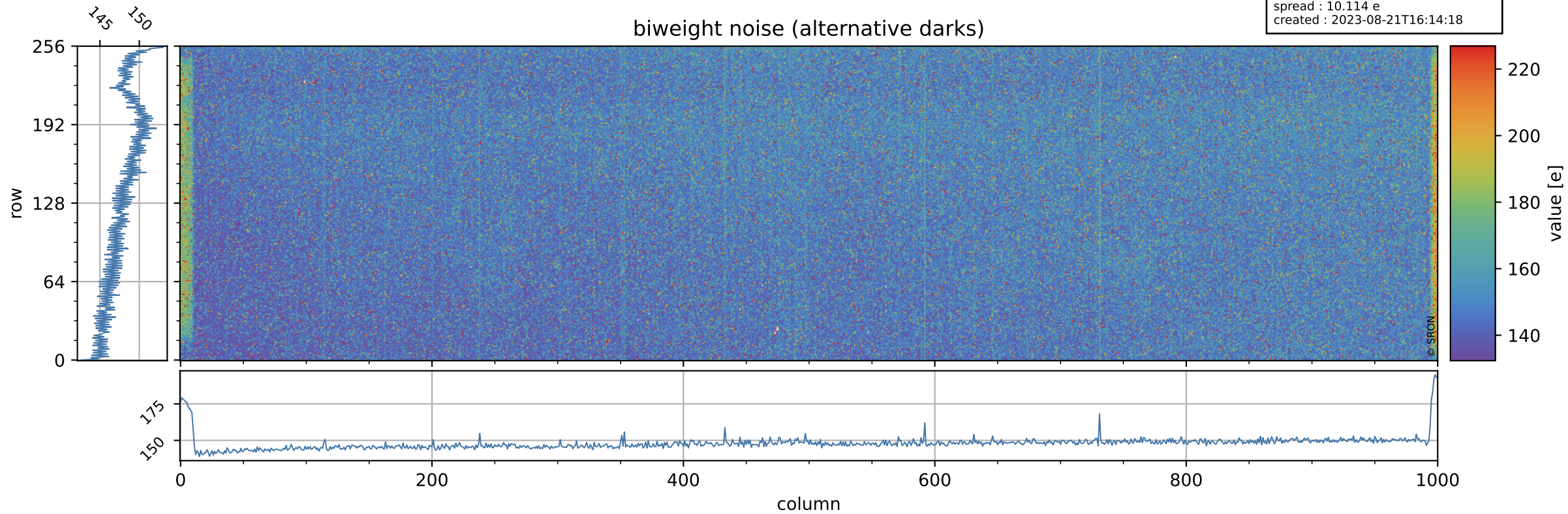
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.114 e
created : 2023-08-21T16:14:18

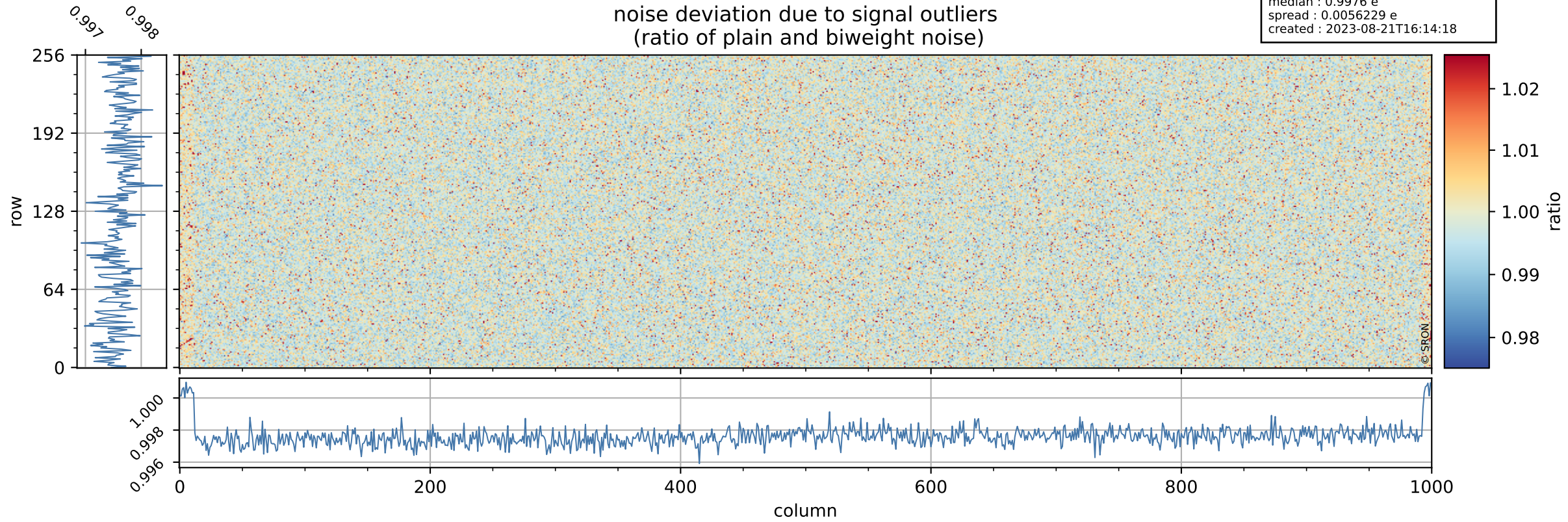
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

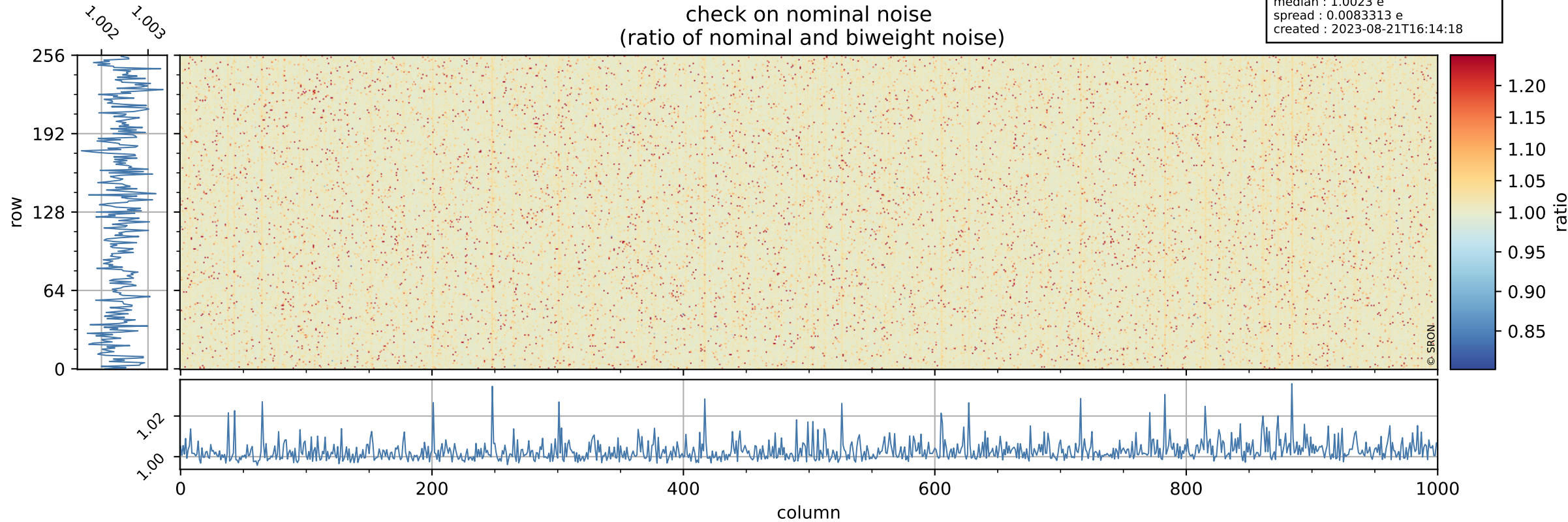
orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
median : 0.9976 e
spread : 0.0056229 e
created : 2023-08-21T16:14:18



Tropomi SWIR background noise (swir)

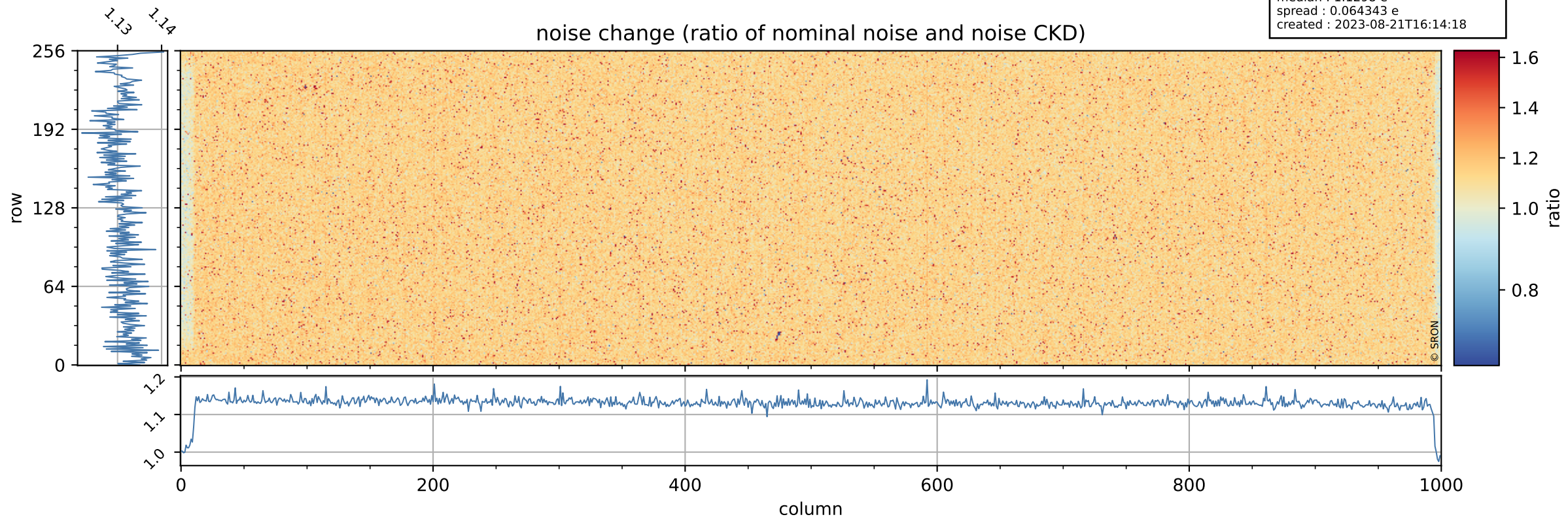
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
median : 1.0023 e
spread : 0.0083313 e
created : 2023-08-21T16:14:18



Tropomi SWIR background noise (swir)

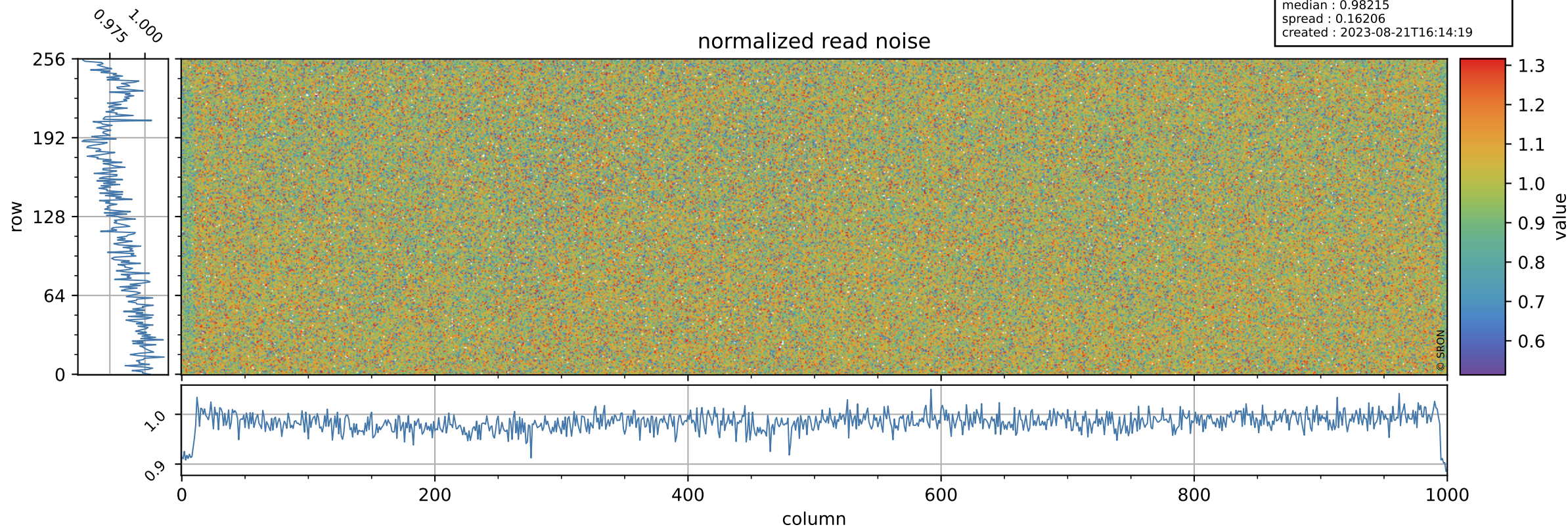
orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
median : 1.1298 e
spread : 0.064343 e
created : 2023-08-21T16:14:18



Tropomi SWIR background noise (swir)

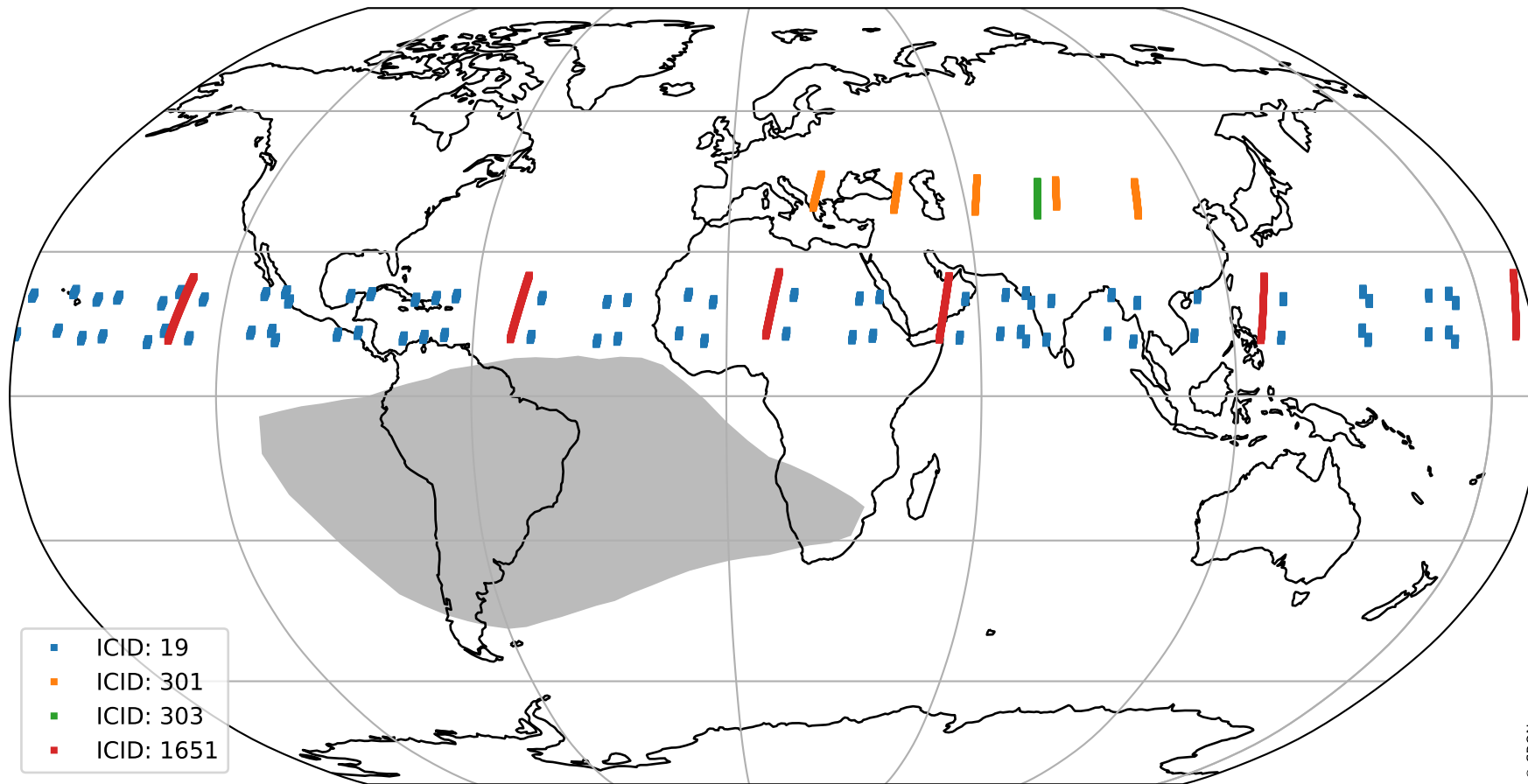
orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
median : 0.98215
spread : 0.16206
created : 2023-08-21T16:14:19

normalized read noise



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

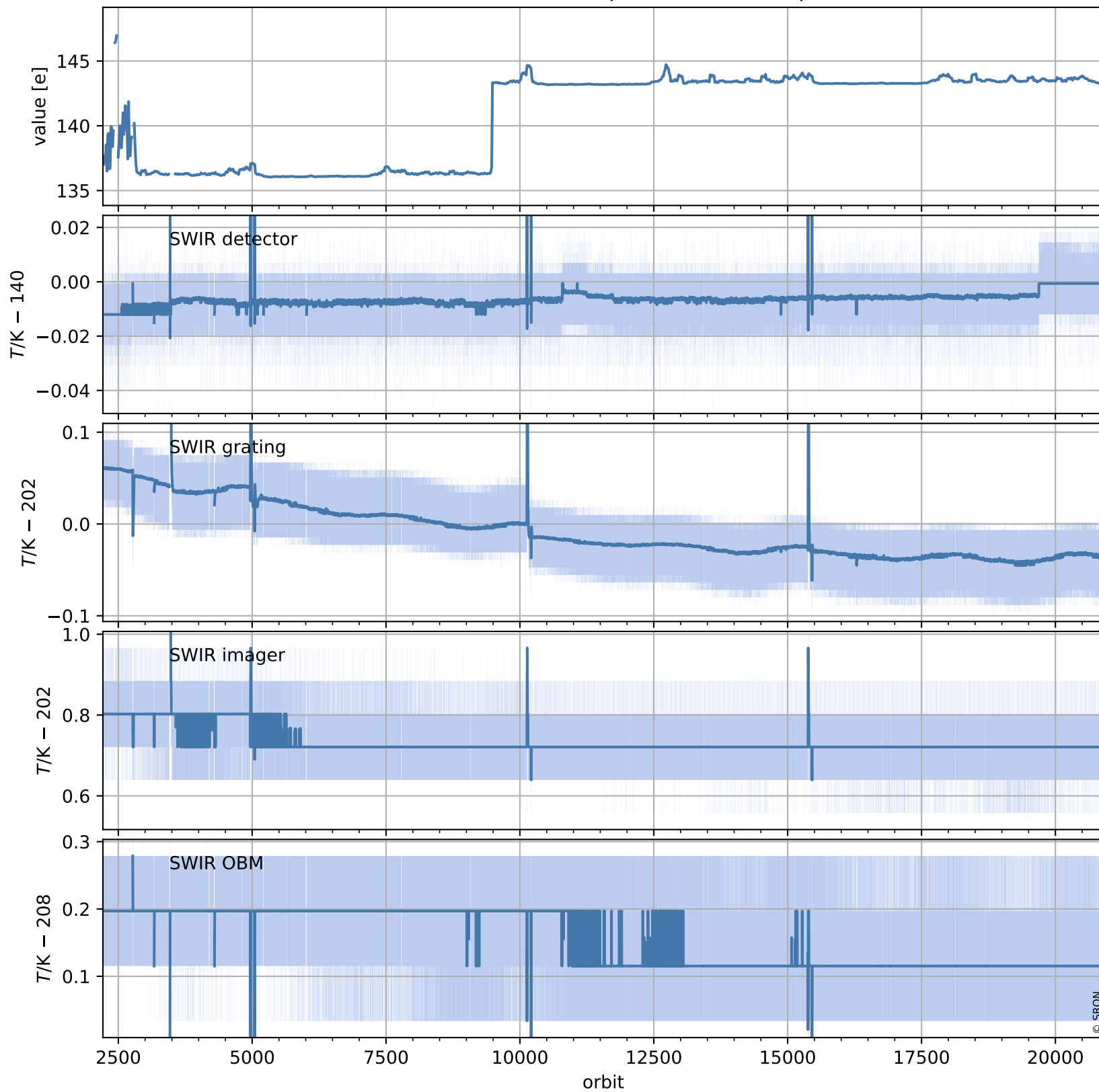
orbits : 12 in [20842, 20902]
coverage : 2021-10-19 / 2021-10-24
created : 2023-08-21T16:14:19



Tropomi SWIR background noise (swir)

orbits : [2212, 20902]
coverage : 2018-03-18 / 2021-10-24
created : 2023-08-21T16:14:19

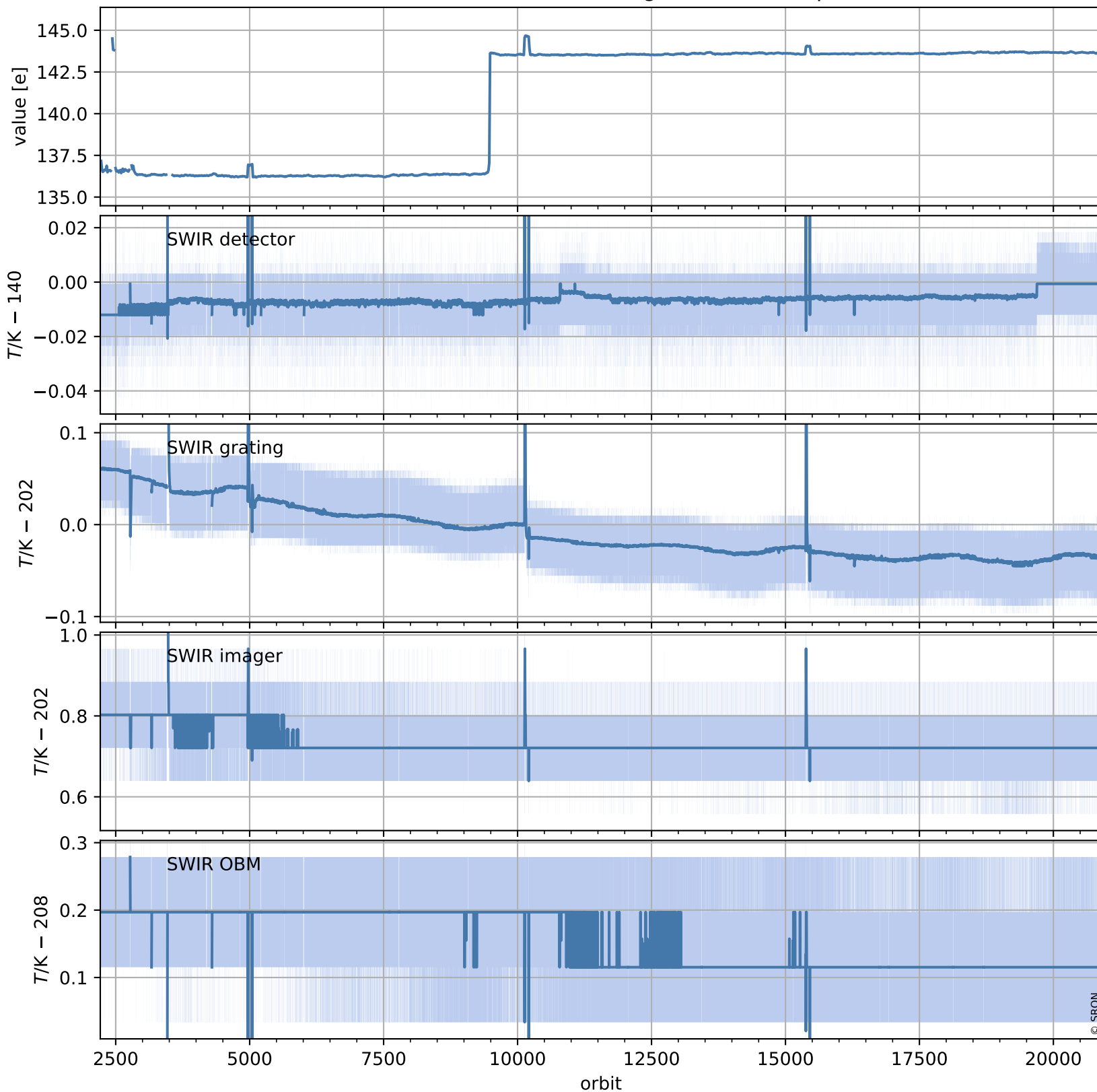
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20902]
coverage : 2018-03-18 / 2021-10-24
created : 2023-08-21T16:14:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20902]
coverage : 2018-03-18 / 2021-10-24
created : 2023-08-21T16:14:21

trend of normalized read-noise & temperatures

