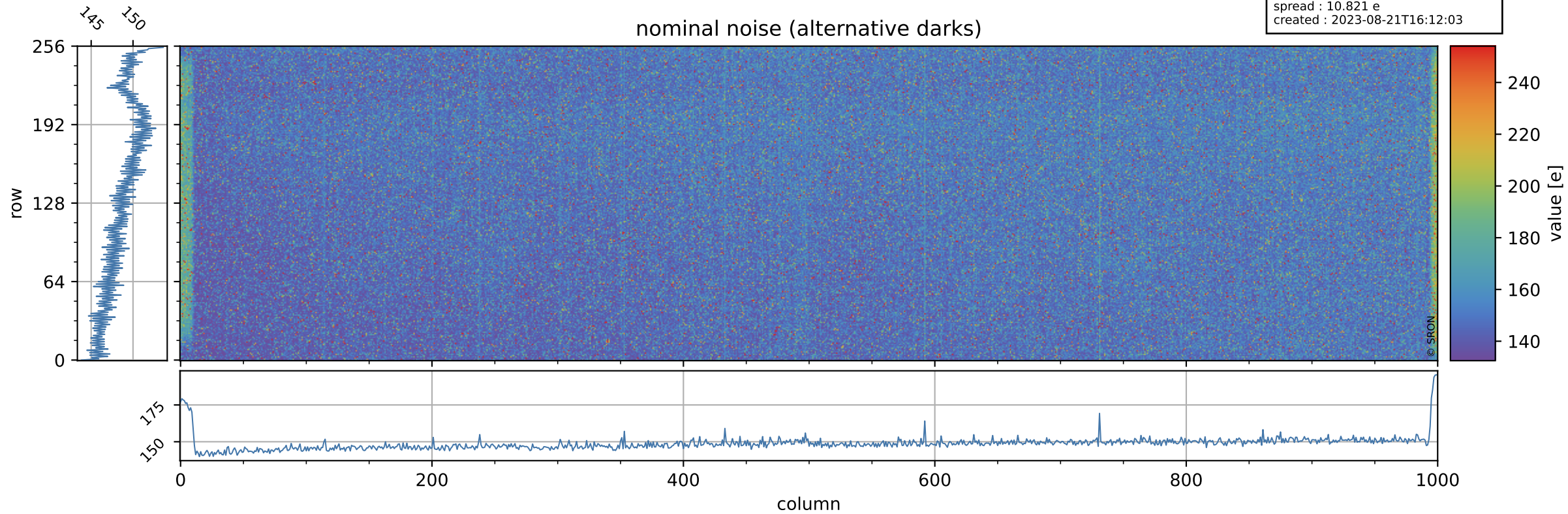


Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.821 e
created : 2023-08-21T16:12:03

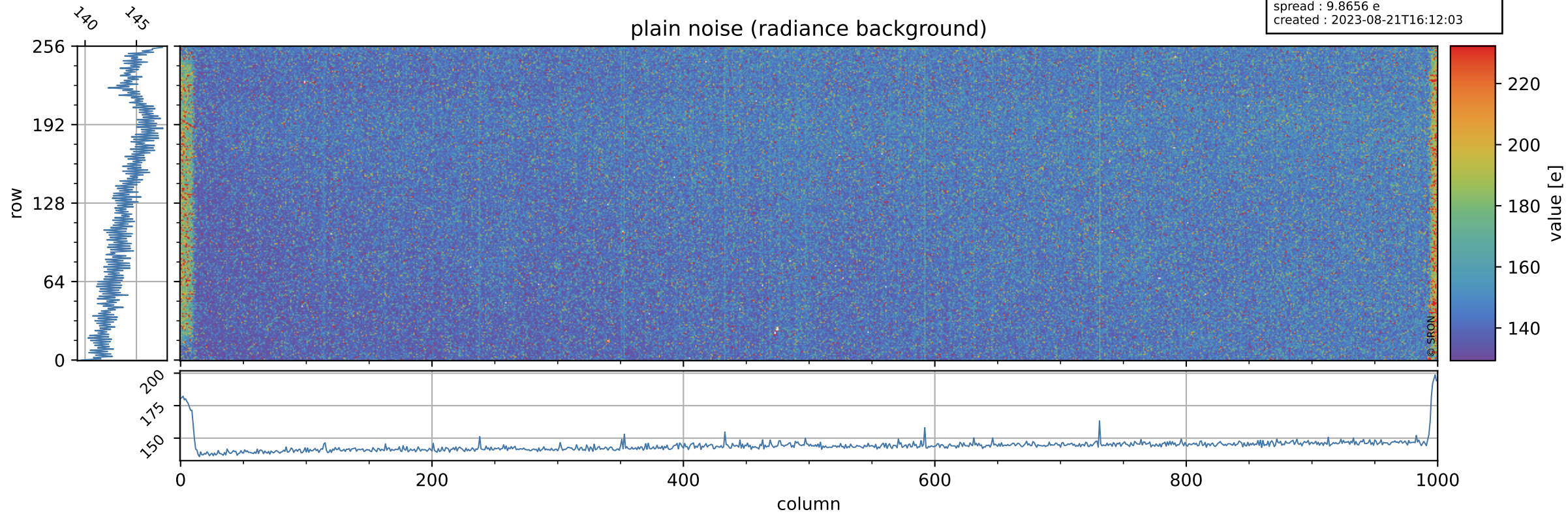
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.8656 e
created : 2023-08-21T16:12:03

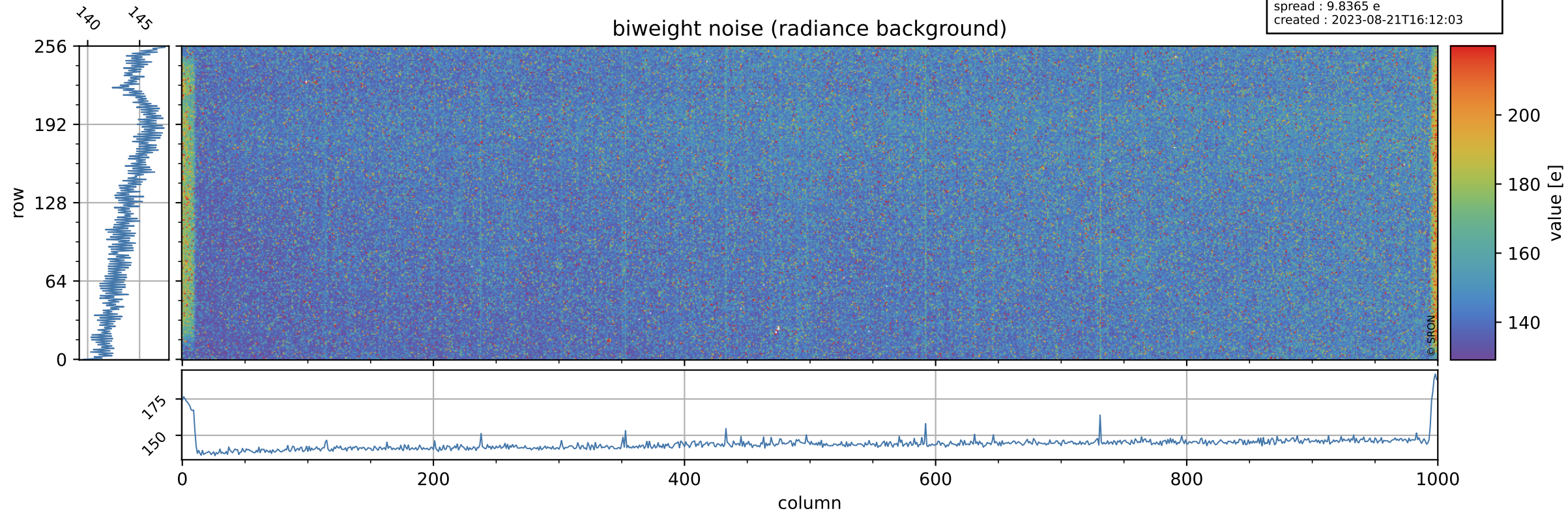
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8365 e
created : 2023-08-21T16:12:03

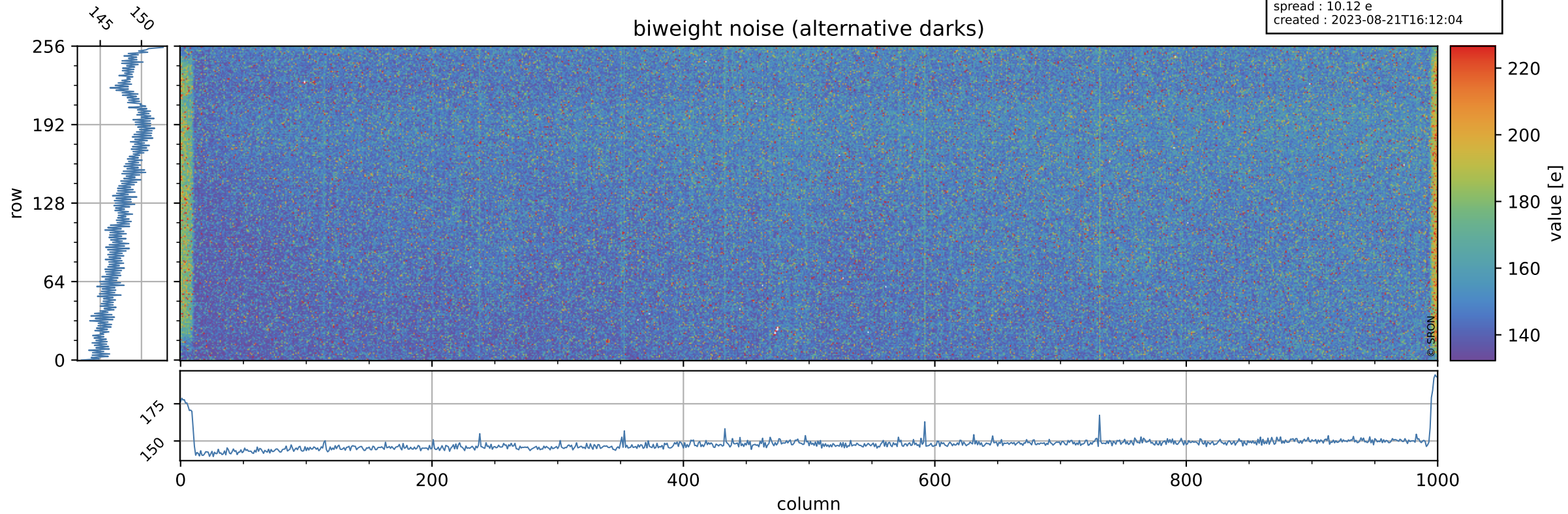
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.12 e
created : 2023-08-21T16:12:04

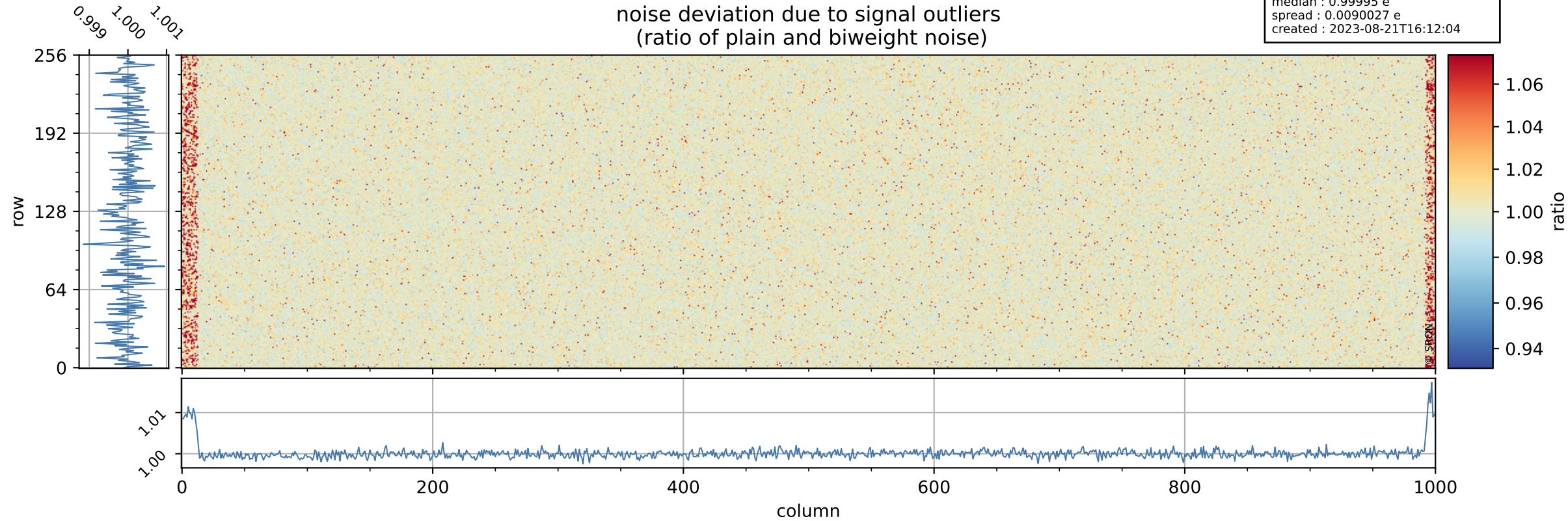
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

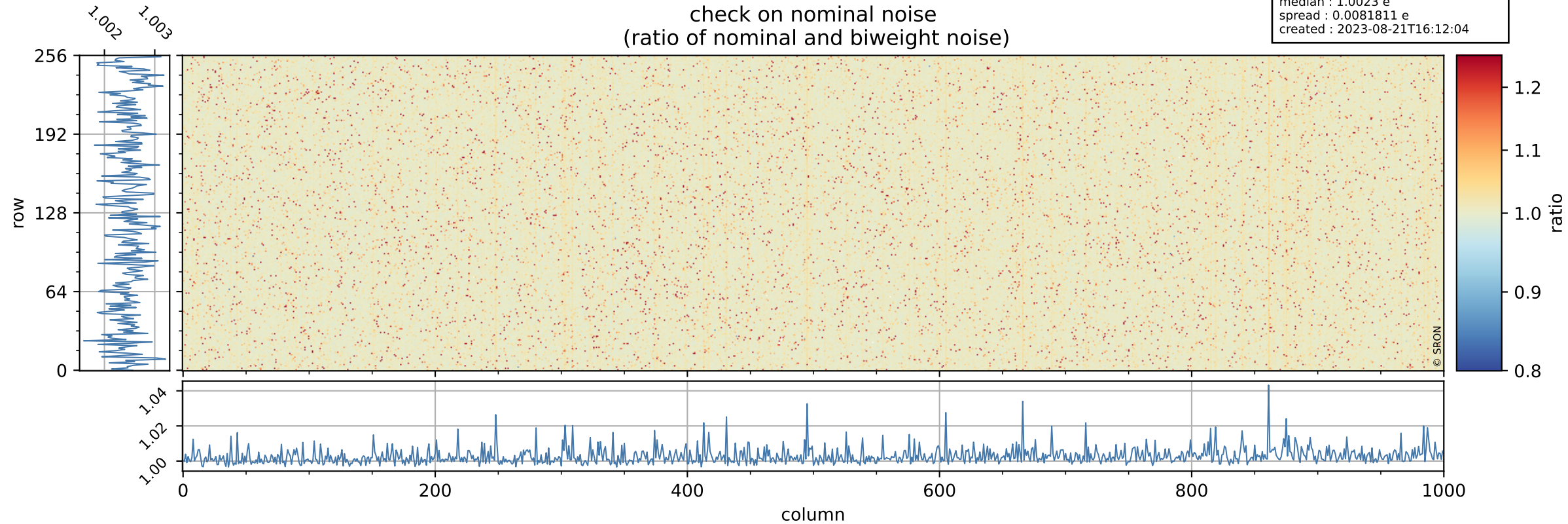
orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
median : 0.99995 e
spread : 0.0090027 e
created : 2023-08-21T16:12:04



Tropomi SWIR background noise (swir)

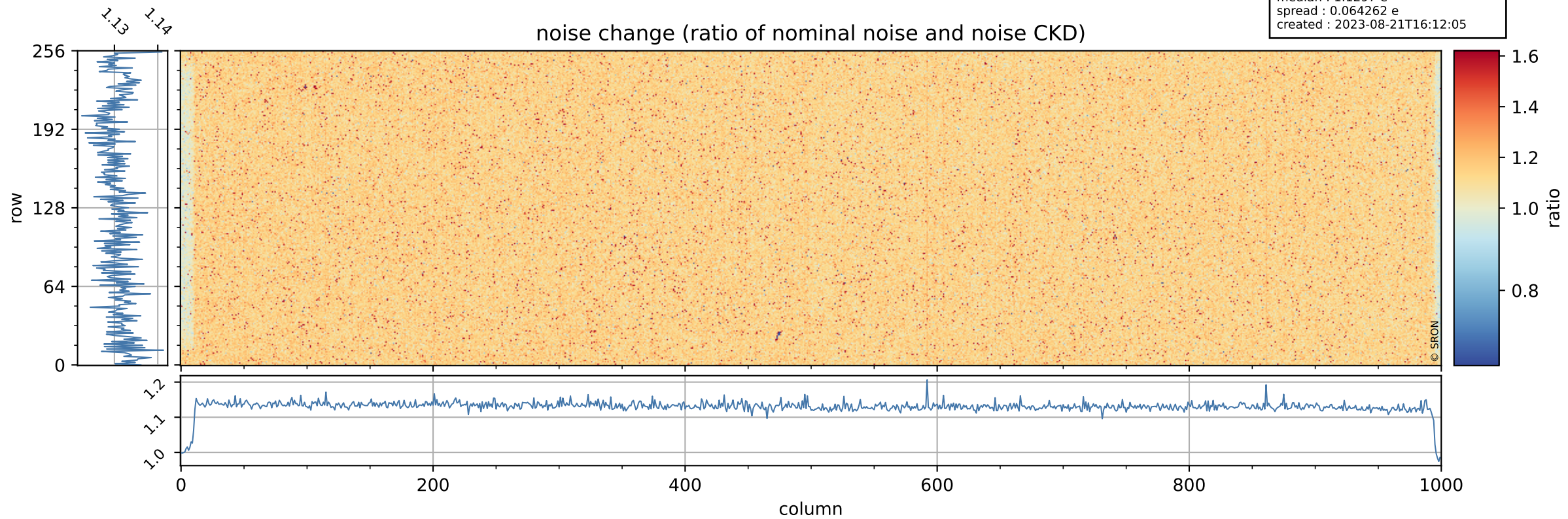
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
median : 1.0023 e
spread : 0.0081811 e
created : 2023-08-21T16:12:04



Tropomi SWIR background noise (swir)

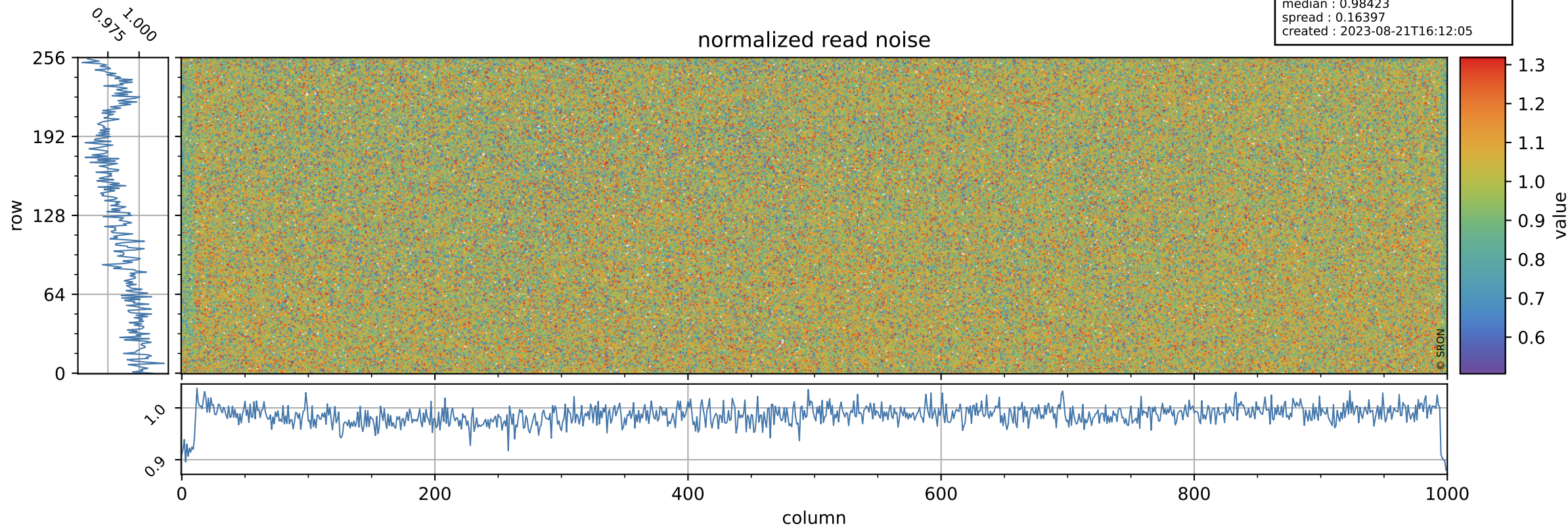
orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
median : 1.1297 e
spread : 0.064262 e
created : 2023-08-21T16:12:05



Tropomi SWIR background noise (swir)

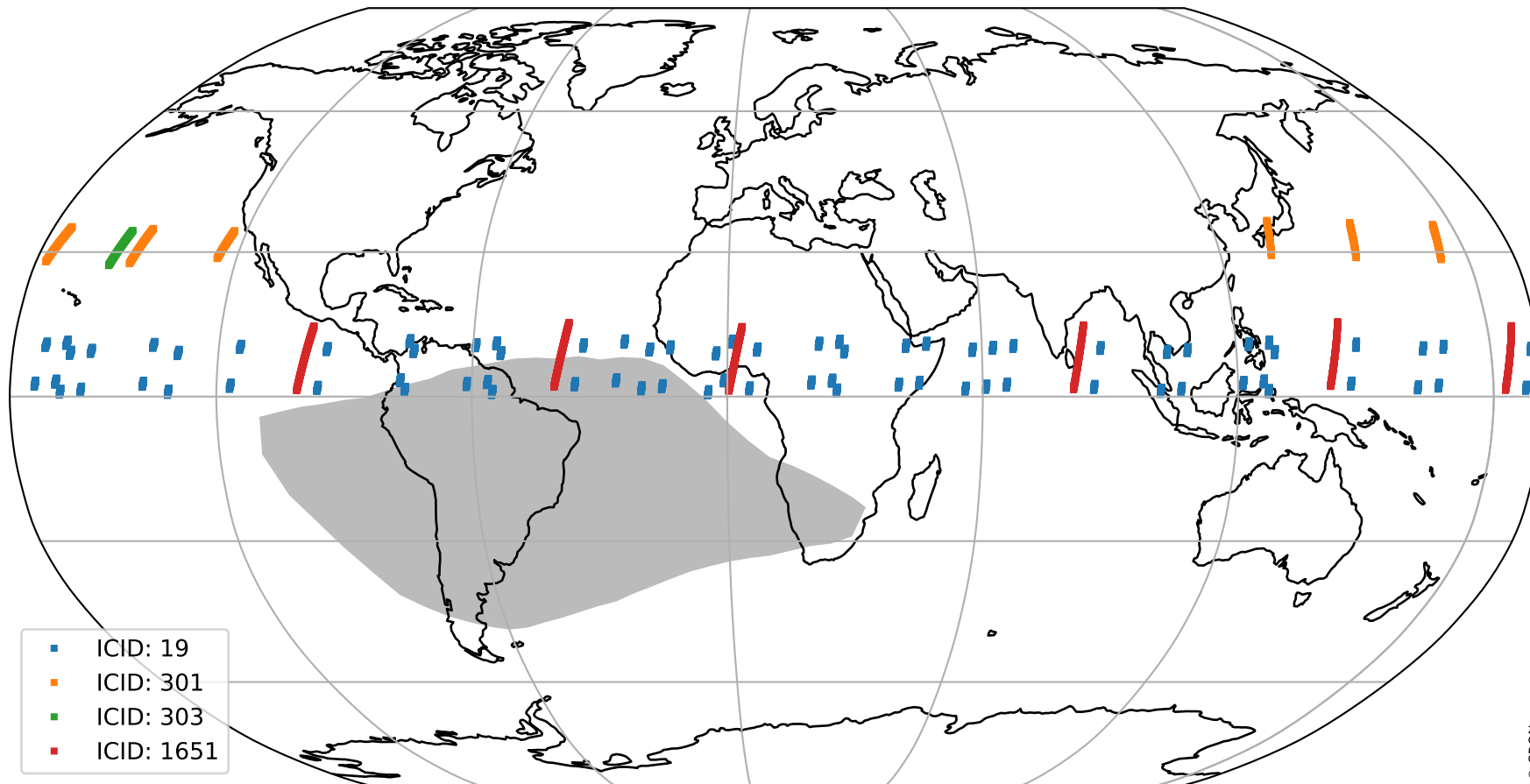
orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
median : 0.98423
spread : 0.16397
created : 2023-08-21T16:12:05

normalized read noise



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

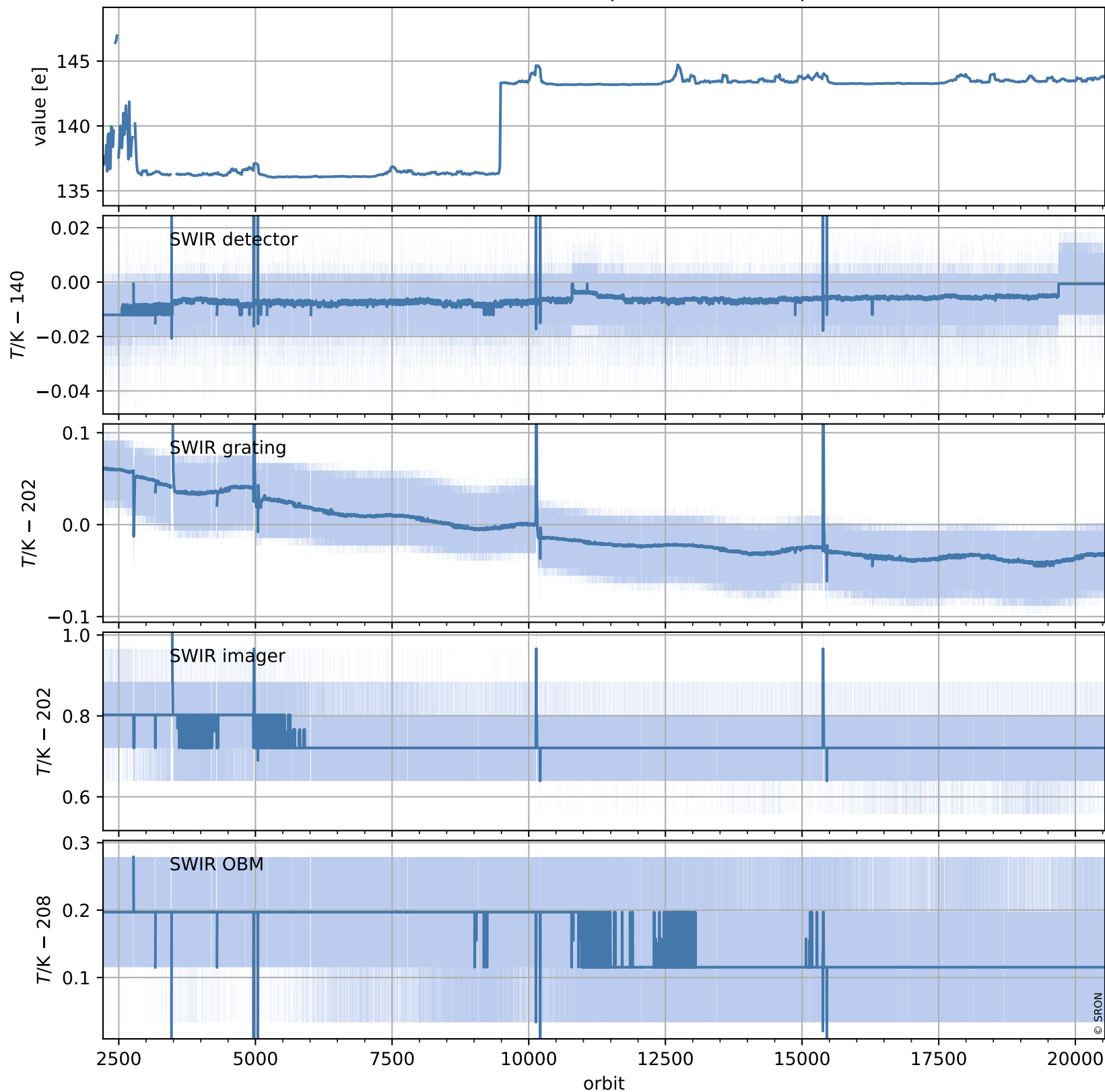
orbits : 13 in [20467, 20542]
coverage : 2021-09-24 / 2021-09-29
created : 2023-08-21T16:12:05



Tropomi SWIR background noise (swir)

orbits : [2212, 20542]
coverage : 2018-03-18 / 2021-09-29
created : 2023-08-21T16:12:05

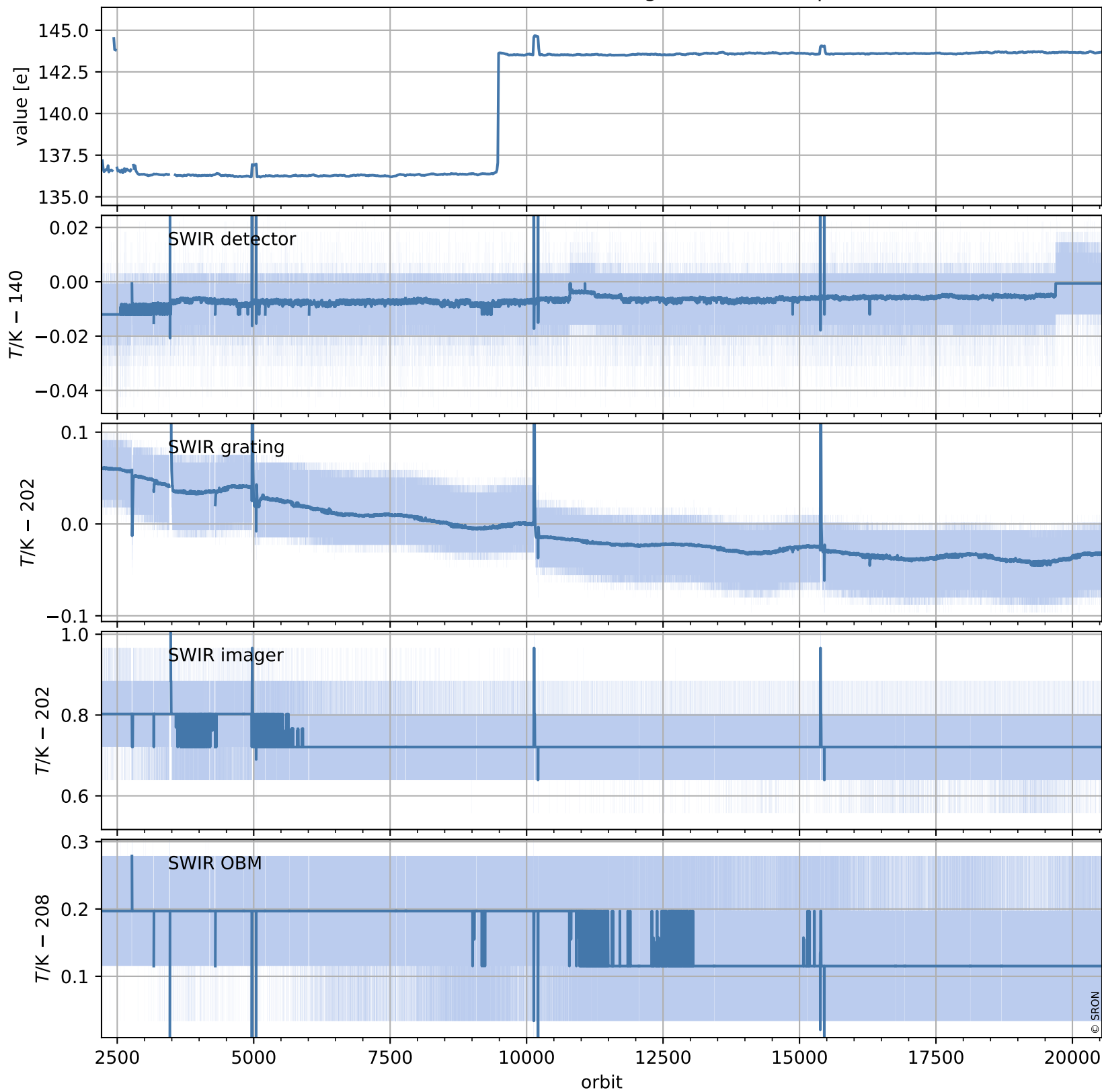
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20542]
coverage : 2018-03-18 / 2021-09-29
created : 2023-08-21T16:12:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20542]
coverage : 2018-03-18 / 2021-09-29
created : 2023-08-21T16:12:07

trend of normalized read-noise & temperatures

