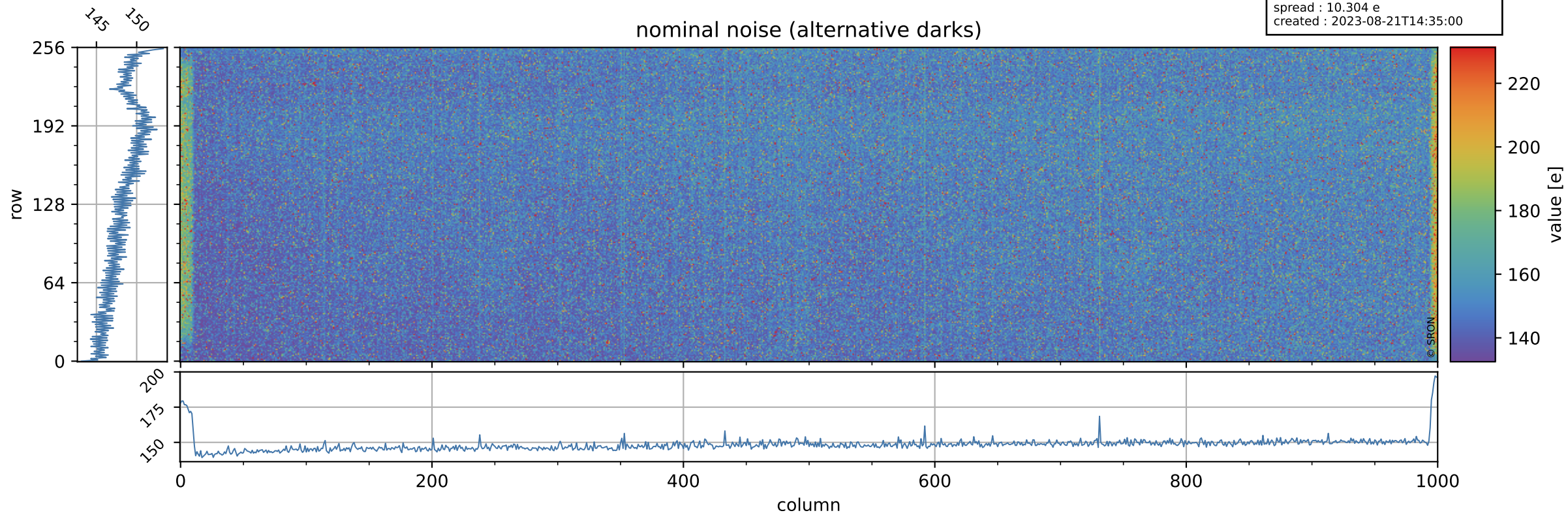


Tropomi SWIR background noise (swir)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
n_coad, t_exp : 1, 1.0783
median : 148.19 e
spread : 10.304 e
created : 2023-08-21T14:35:00

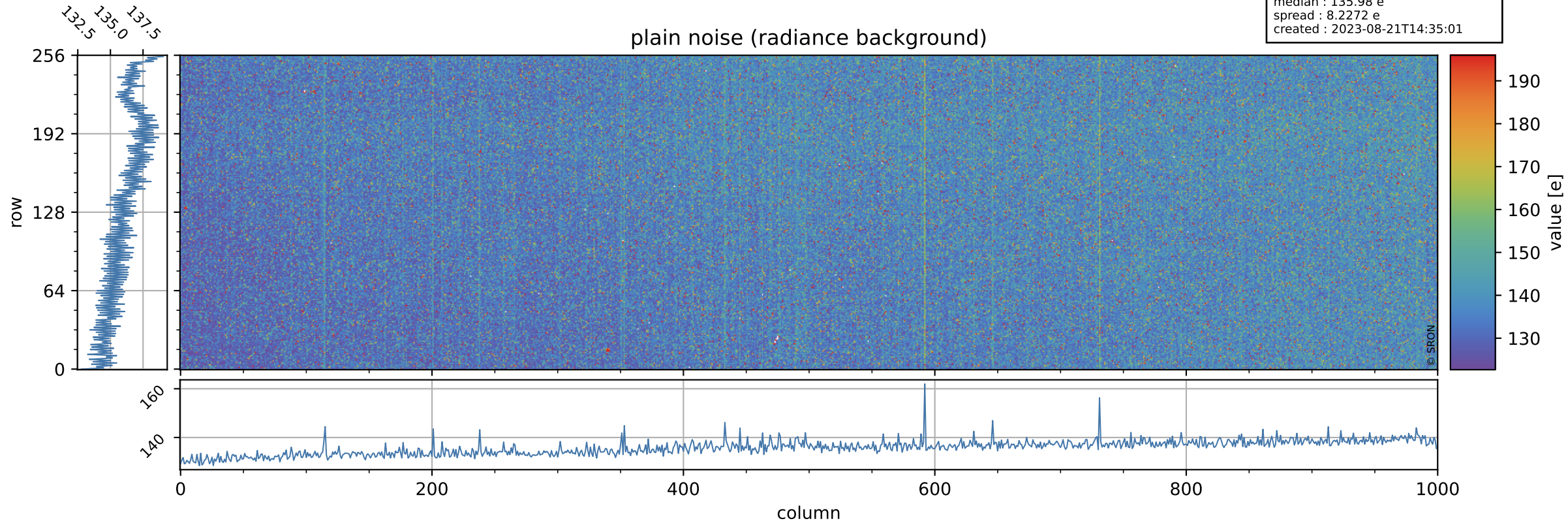
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2272 e
created : 2023-08-21T14:35:01

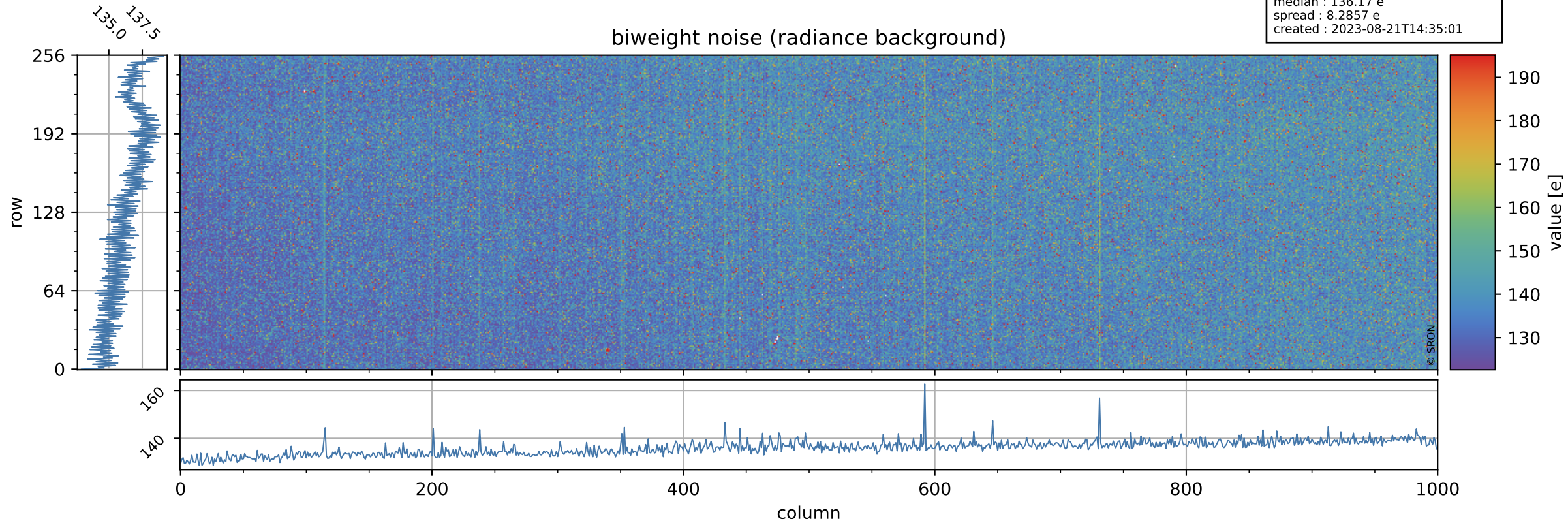
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2857 e
created : 2023-08-21T14:35:01

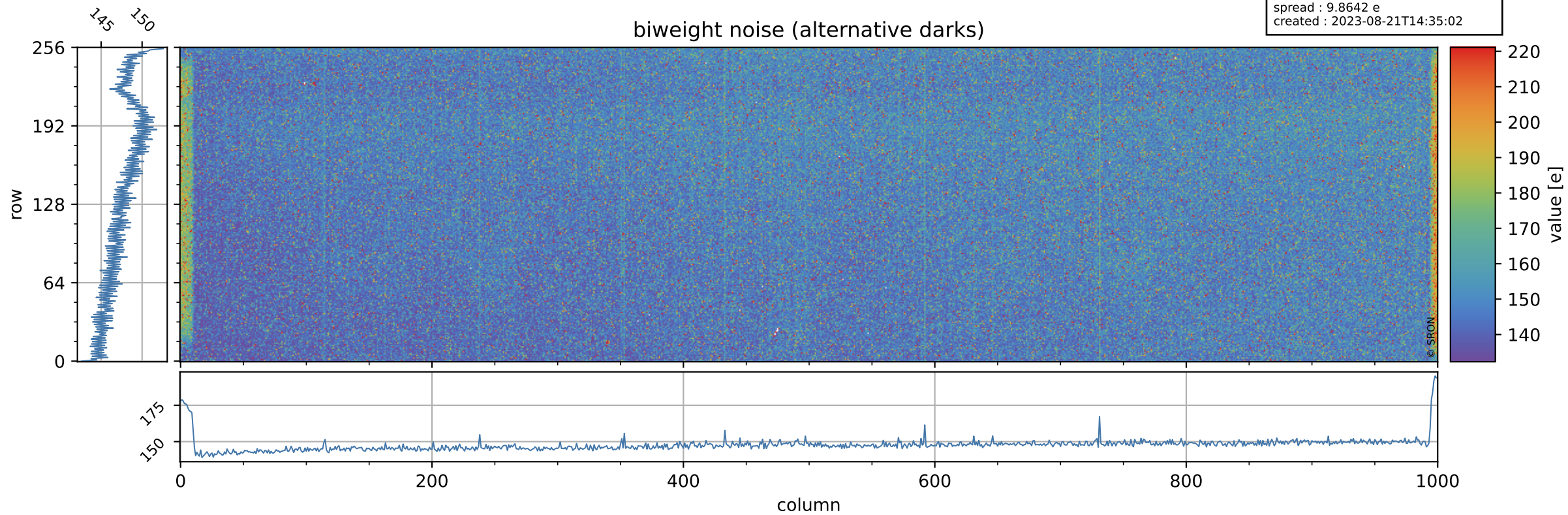
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.8642 e
created : 2023-08-21T14:35:02

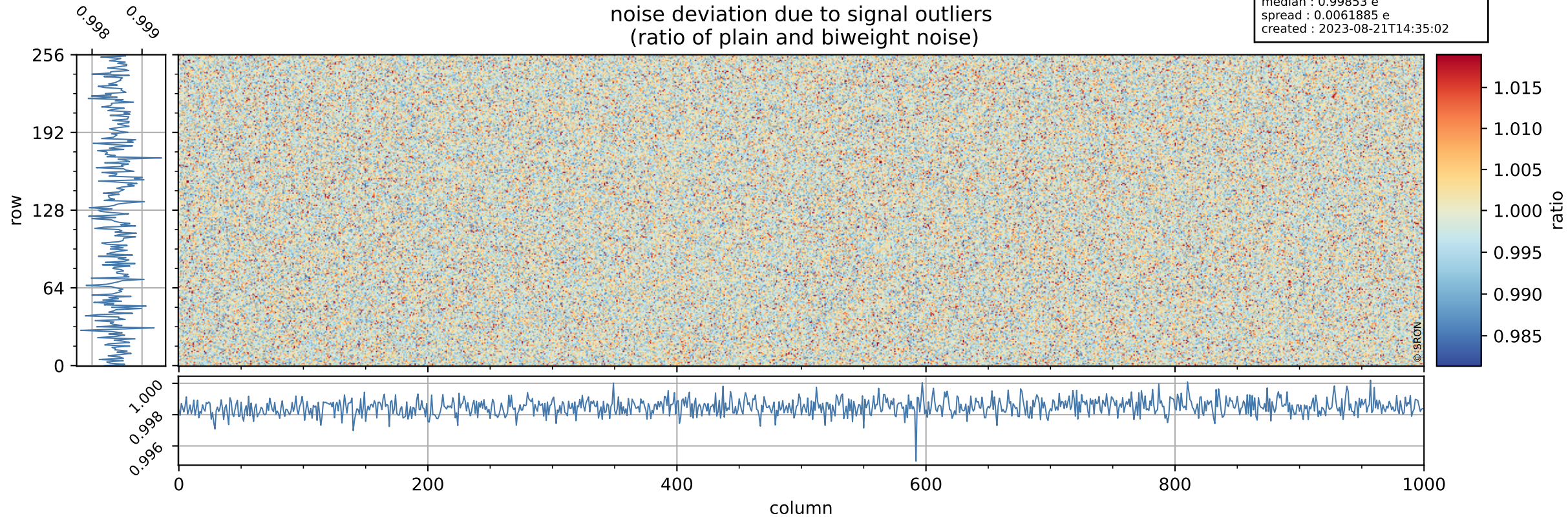
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

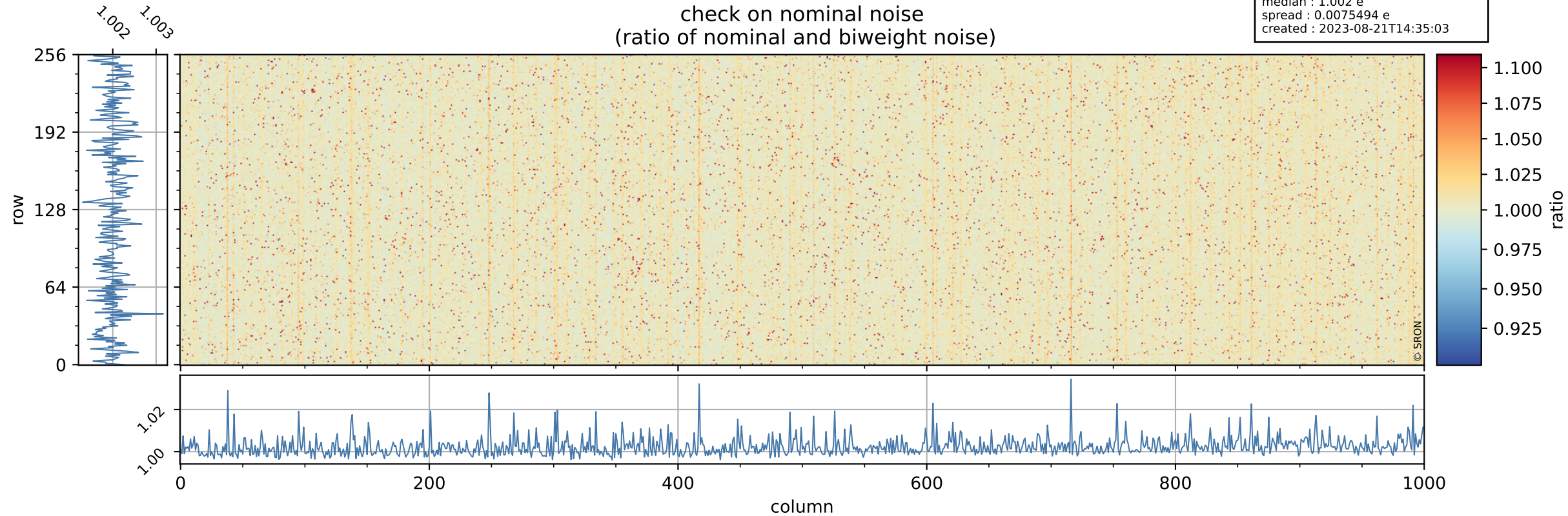
orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
median : 0.99853 e
spread : 0.0061885 e
created : 2023-08-21T14:35:02



Tropomi SWIR background noise (swir)

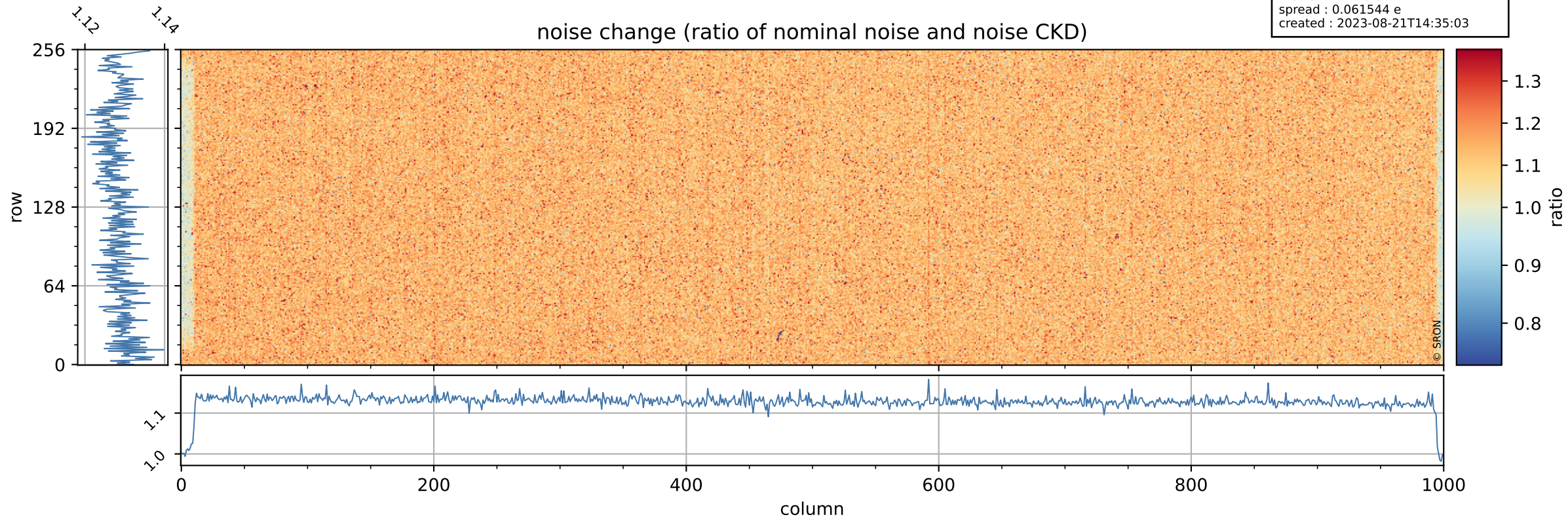
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
median : 1.002 e
spread : 0.0075494 e
created : 2023-08-21T14:35:03



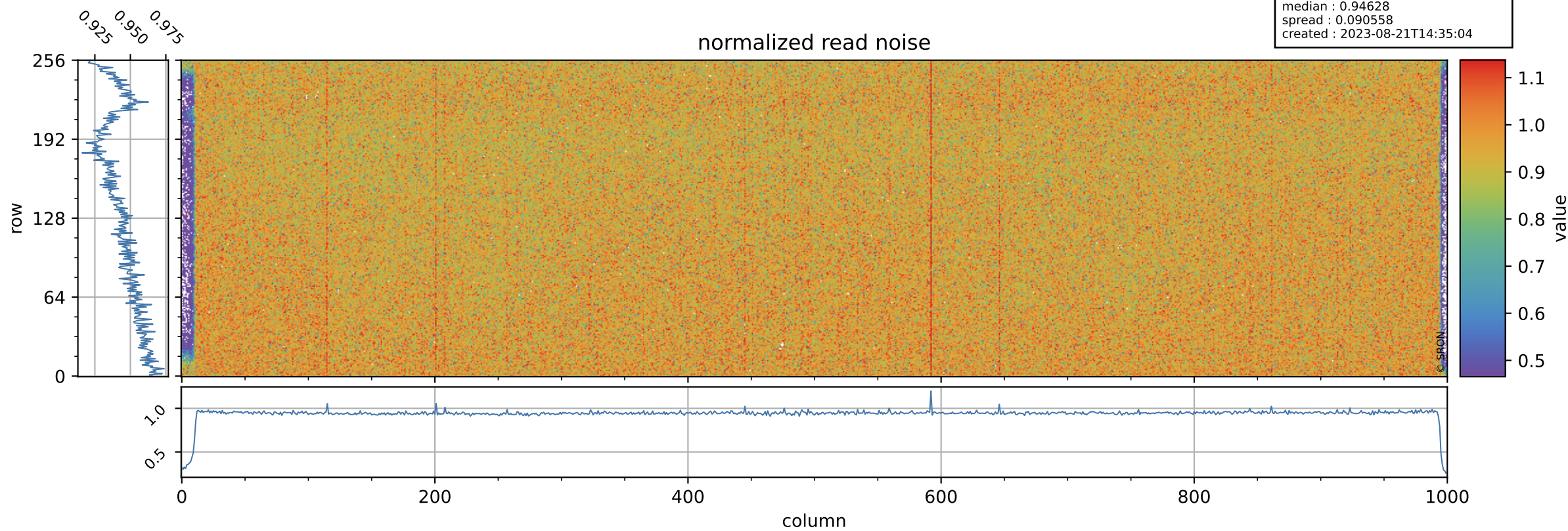
Tropomi SWIR background noise (swir)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
median : 1.128 e
spread : 0.061544 e
created : 2023-08-21T14:35:03



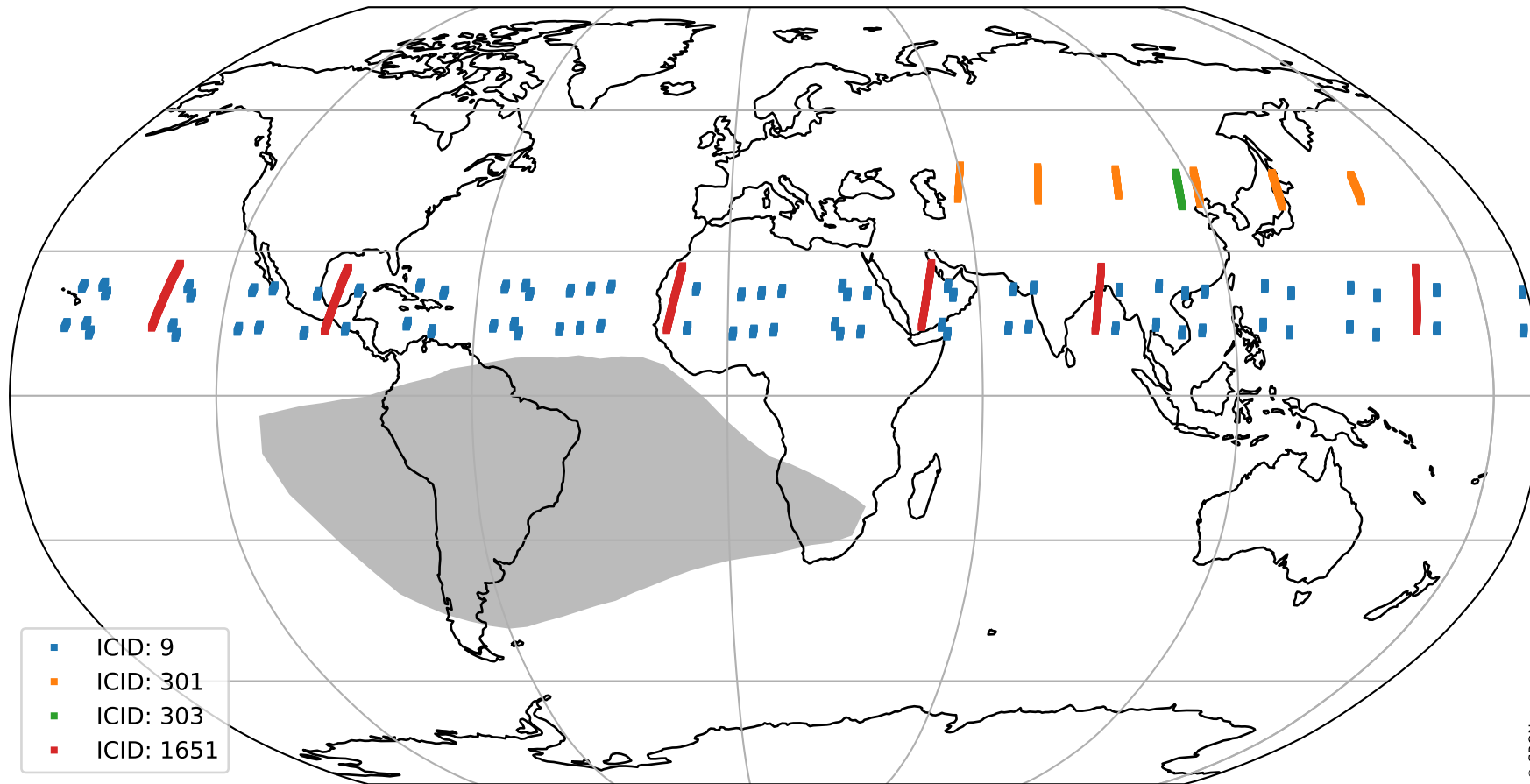
Tropomi SWIR background noise (swir)

orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
median : 0.94628
spread : 0.090558
created : 2023-08-21T14:35:04



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

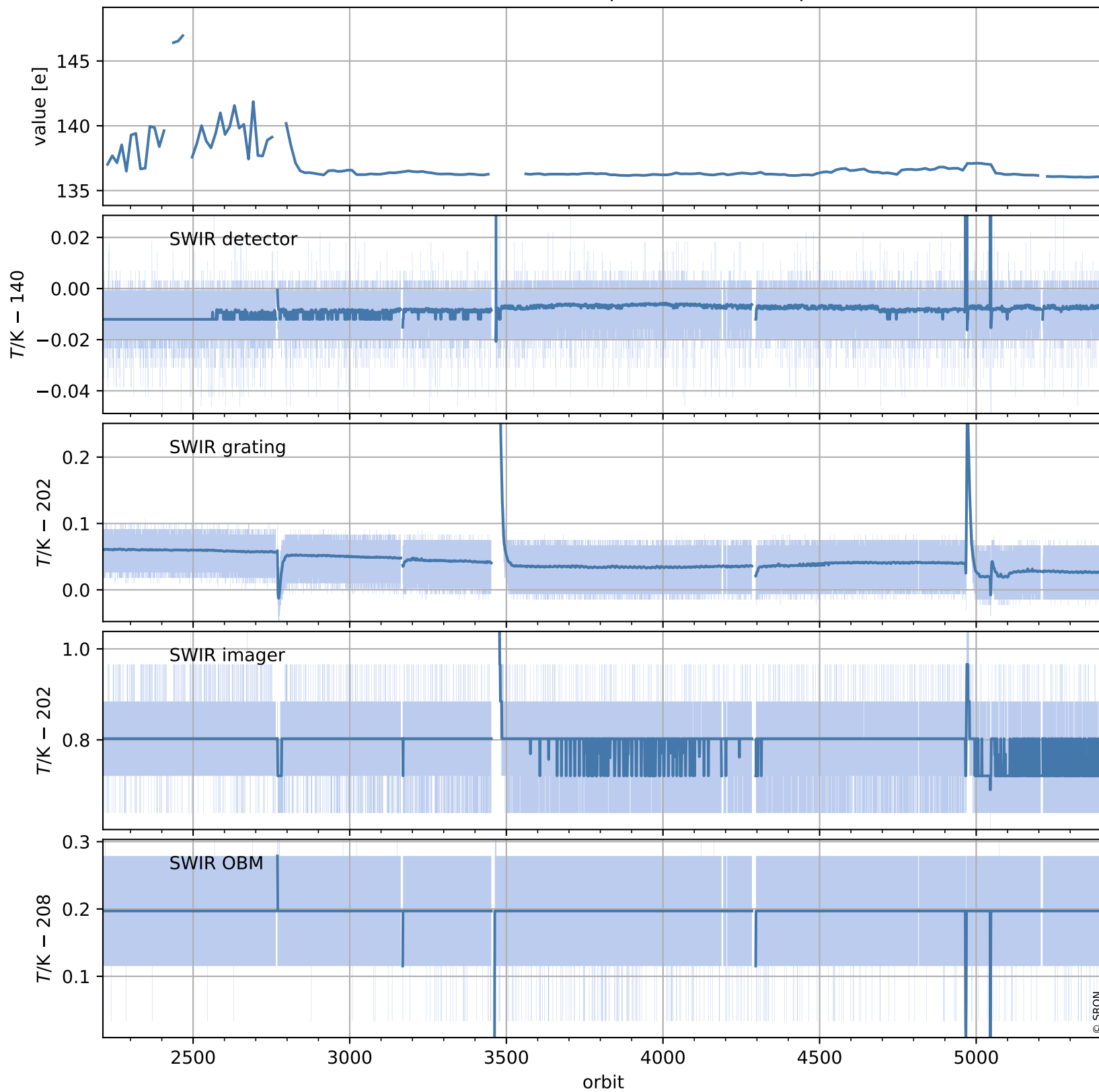
orbits : 13 in [5332, 5407]
coverage : 2018-10-23 / 2018-10-28
created : 2023-08-21T14:35:04



Tropomi SWIR background noise (swir)

orbits : [2212, 5407]
coverage : 2018-03-18 / 2018-10-28
created : 2023-08-21T14:35:04

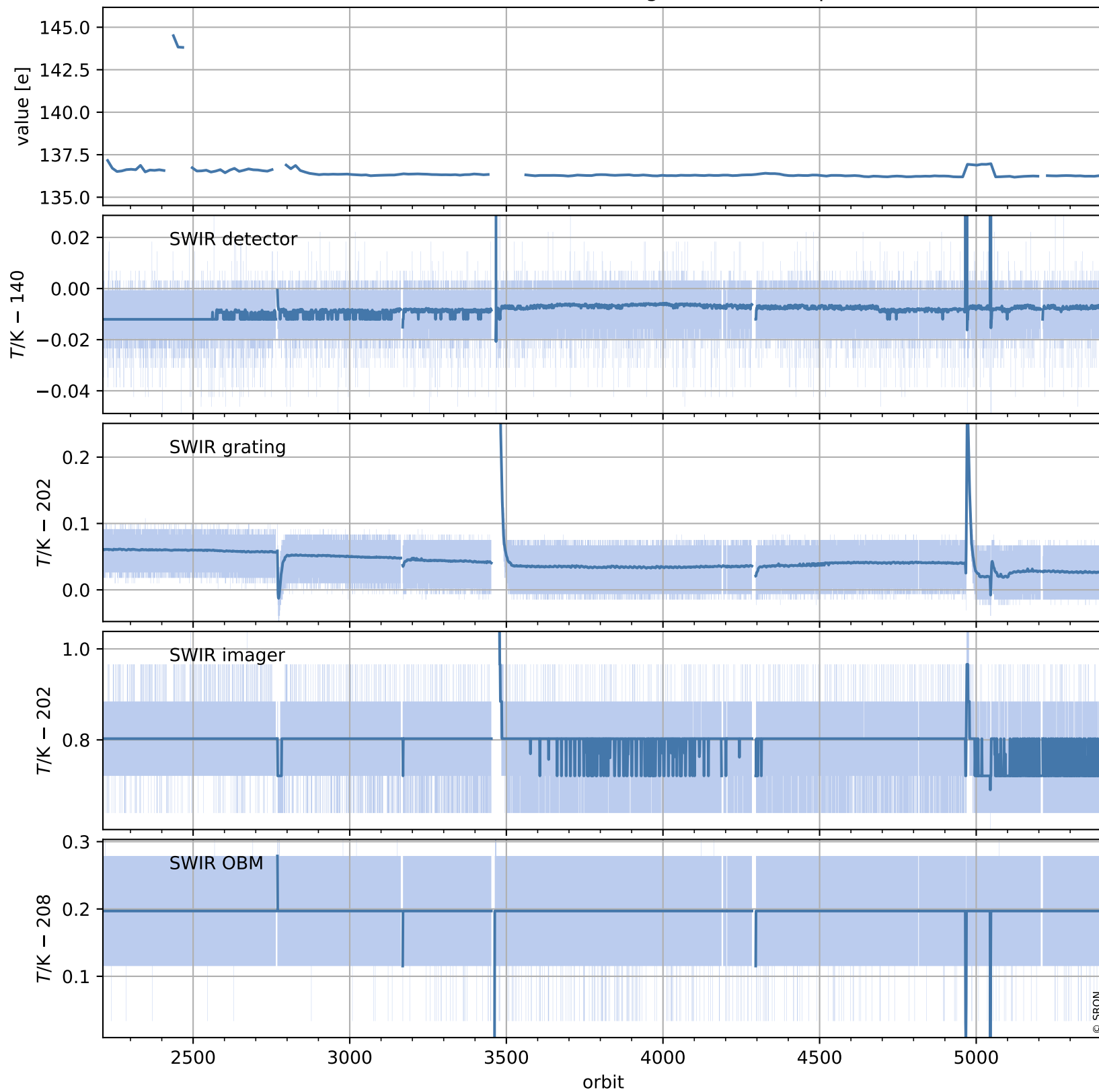
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5407]
coverage : 2018-03-18 / 2018-10-28
created : 2023-08-21T14:35:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5407]
coverage : 2018-03-18 / 2018-10-28
created : 2023-08-21T14:35:06

trend of normalized read-noise & temperatures

