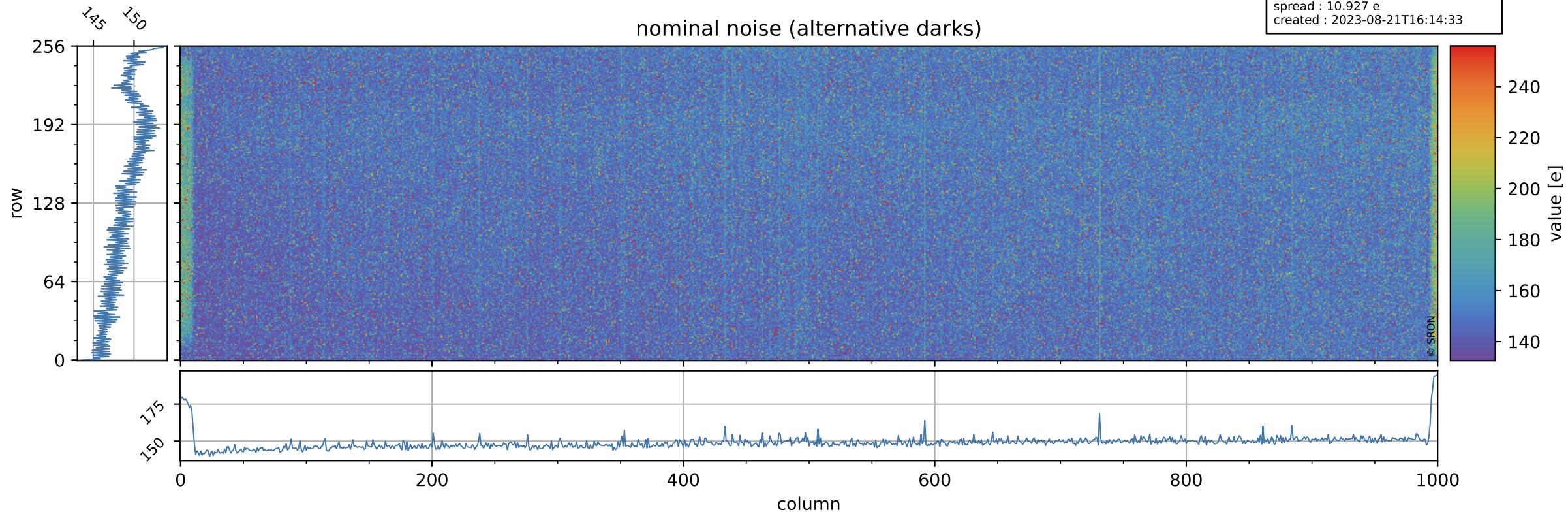


Tropomi SWIR background noise (swir)

orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 10.927 e
created : 2023-08-21T16:14:33

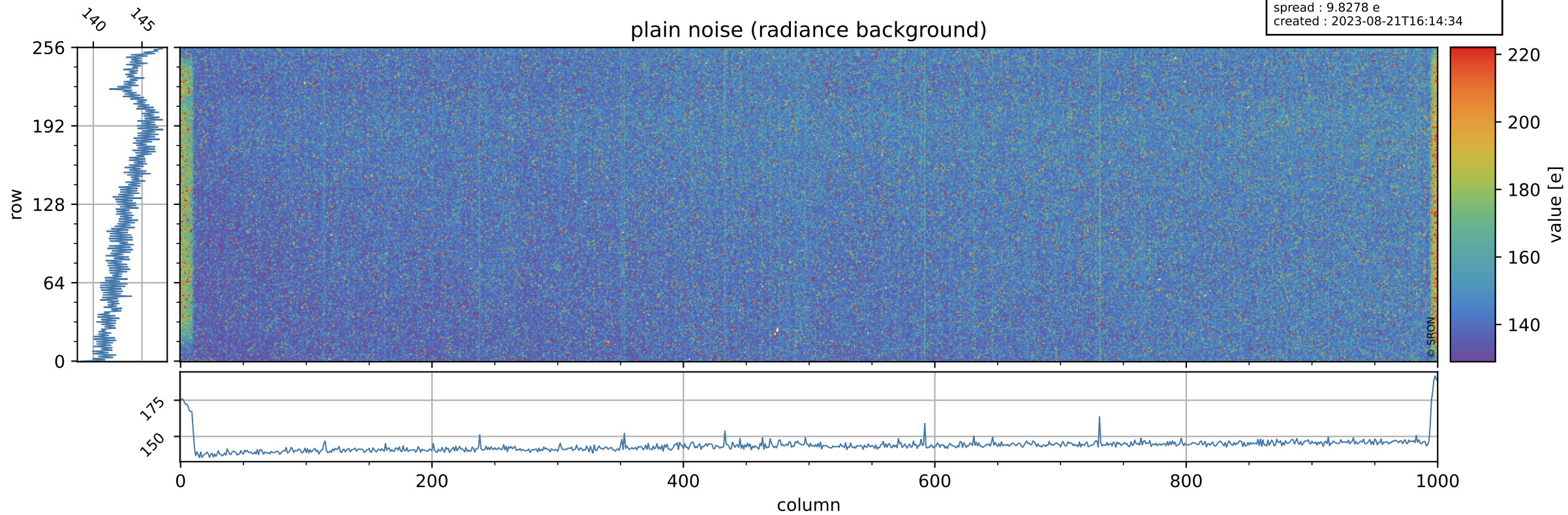
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8278 e
created : 2023-08-21T16:14:34

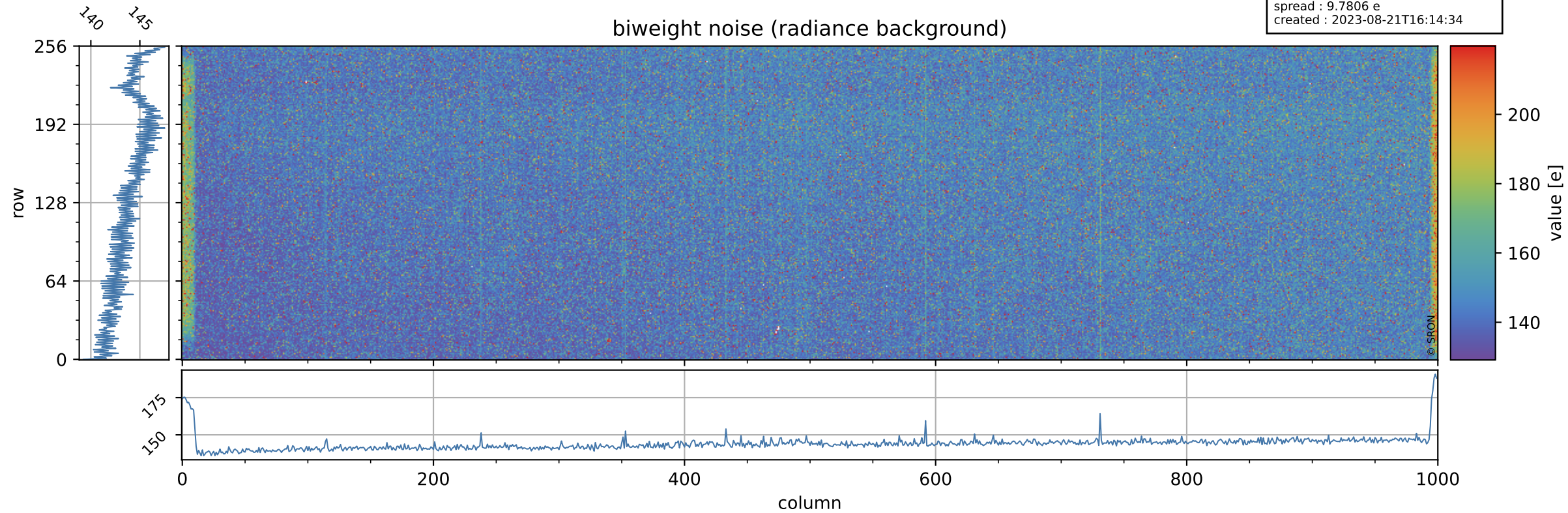
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7806 e
created : 2023-08-21T16:14:34

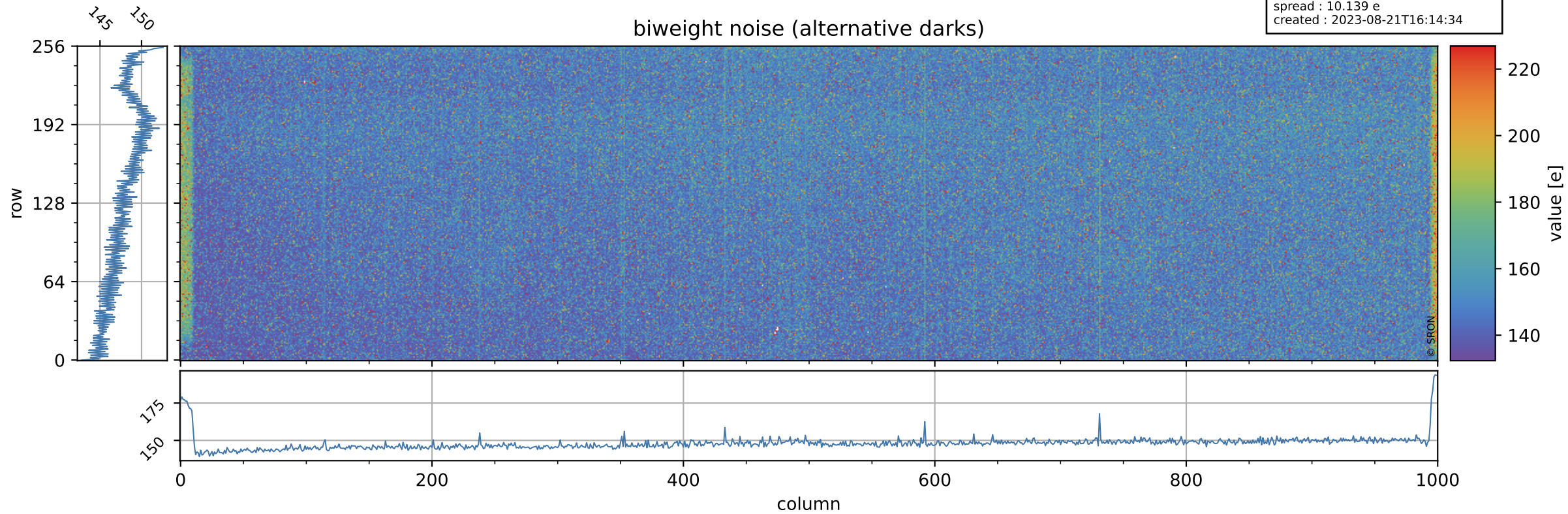
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.139 e
created : 2023-08-21T16:14:34

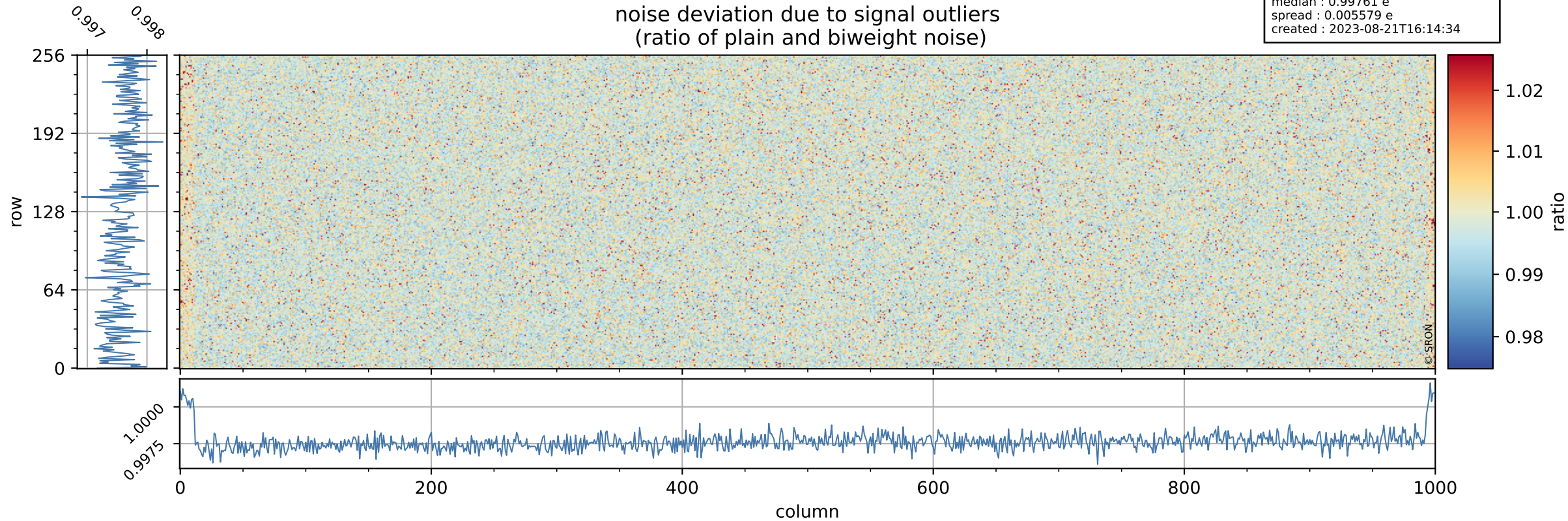
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

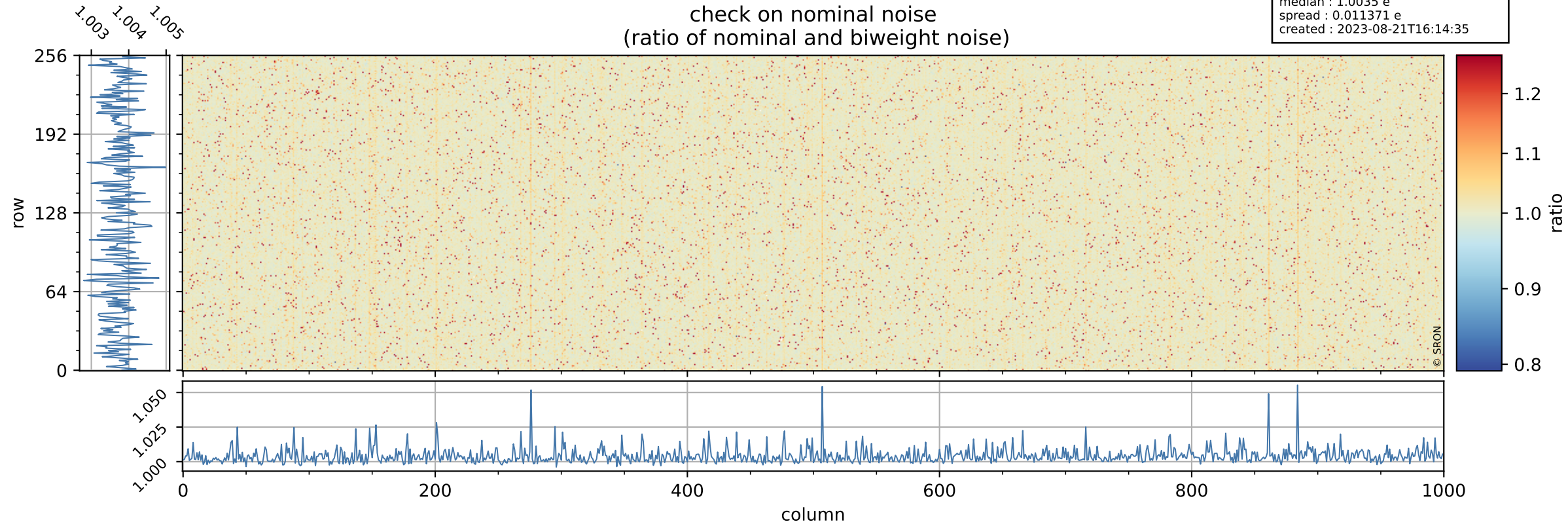
orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
median : 0.99761 e
spread : 0.005579 e
created : 2023-08-21T16:14:34



Tropomi SWIR background noise (swir)

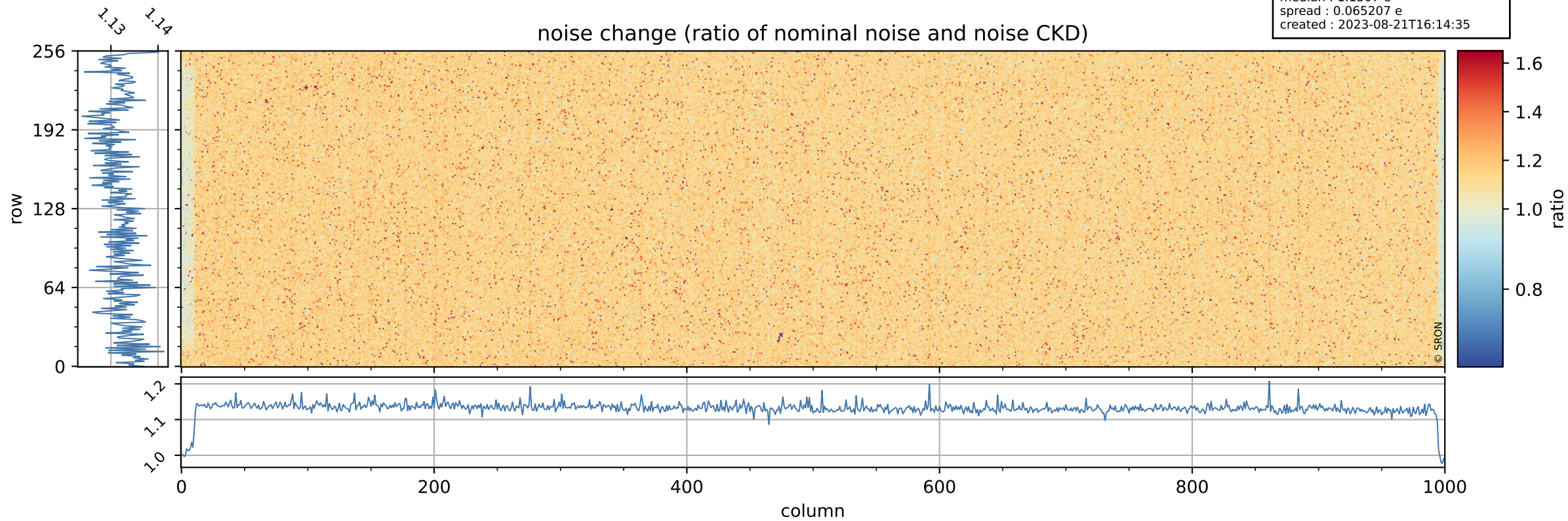
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
median : 1.0035 e
spread : 0.011371 e
created : 2023-08-21T16:14:35



Tropomi SWIR background noise (swir)

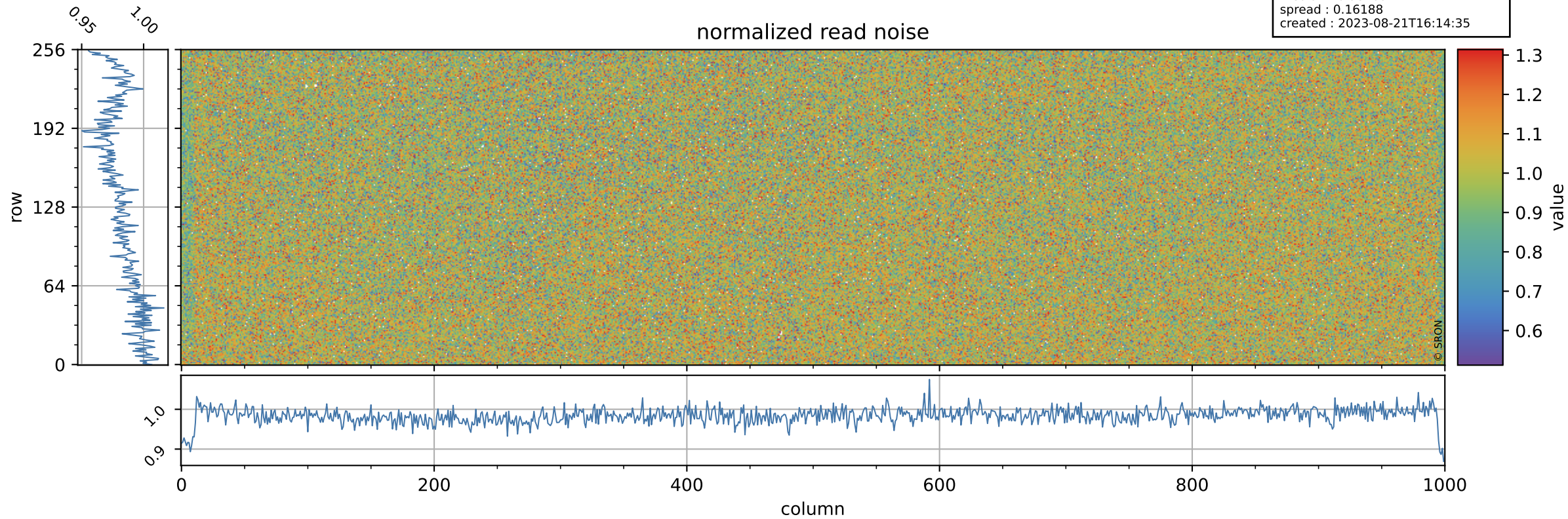
orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
median : 1.1307 e
spread : 0.065207 e
created : 2023-08-21T16:14:35



Tropomi SWIR background noise (swir)

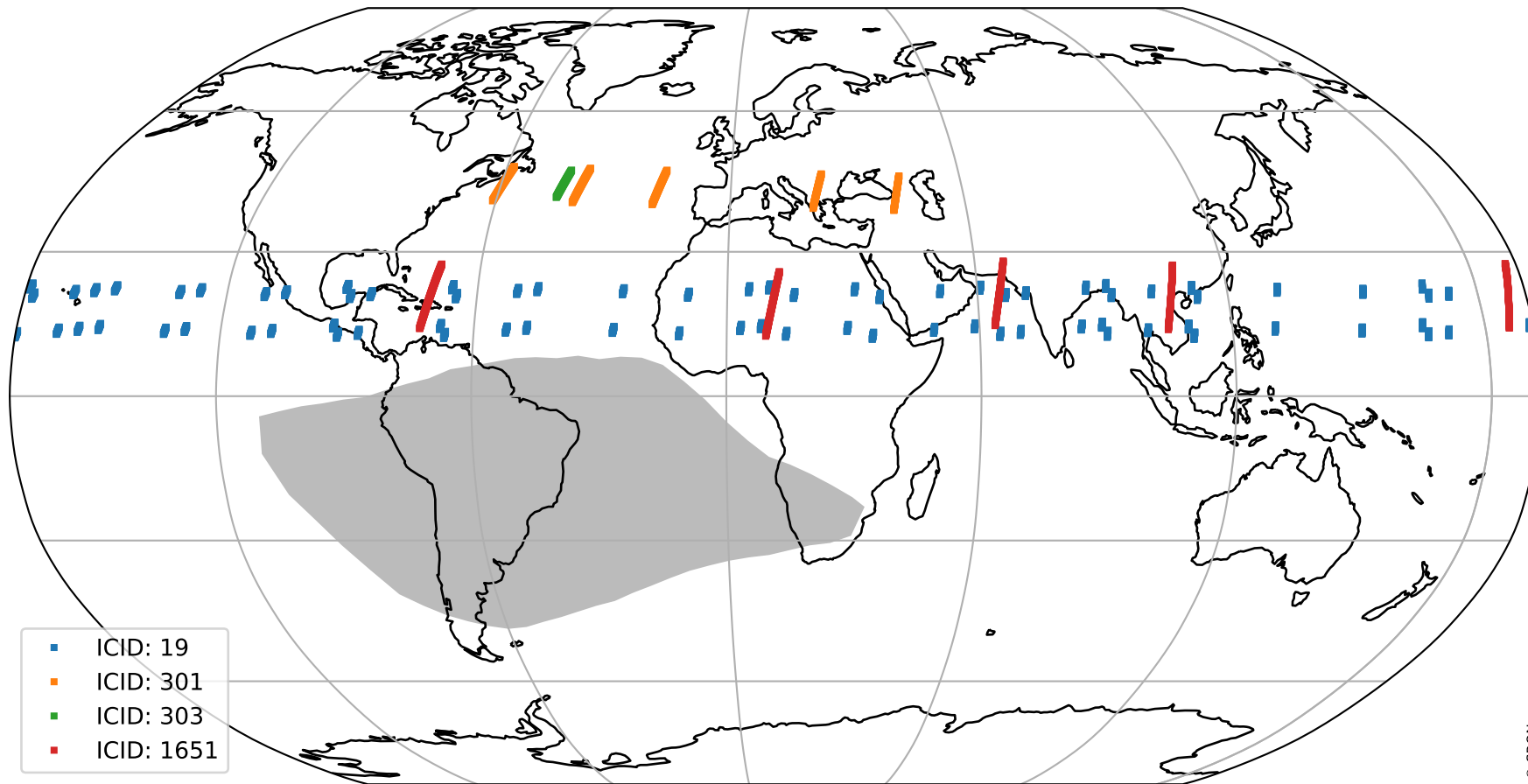
orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
median : 0.98209
spread : 0.16188
created : 2023-08-21T16:14:35

normalized read noise



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

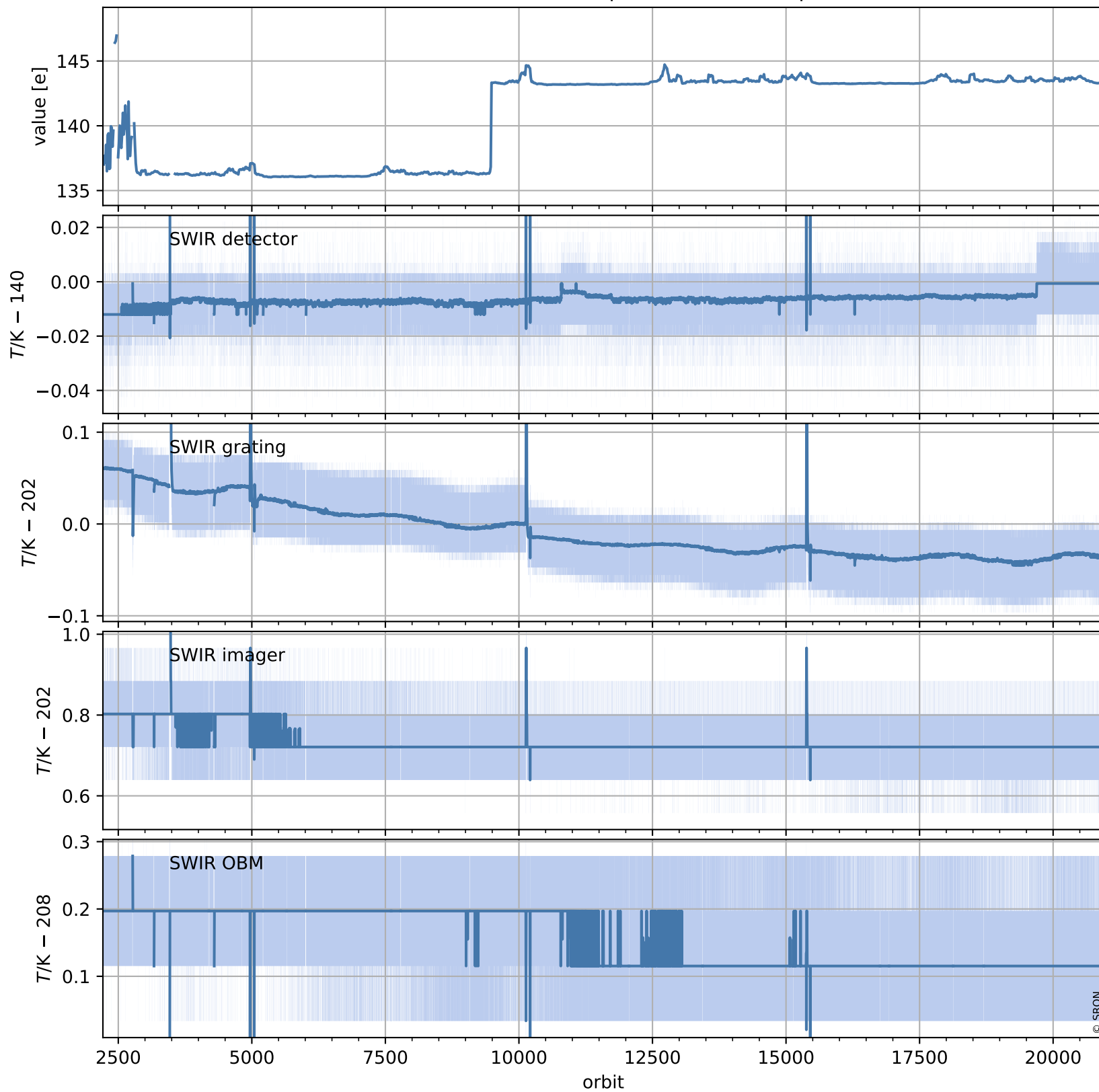
orbits : 11 in [20857, 20947]
coverage : 2021-10-22 / 2021-10-28
created : 2023-08-21T16:14:36



Tropomi SWIR background noise (swir)

orbits : [2212, 20947]
coverage : 2018-03-18 / 2021-10-28
created : 2023-08-21T16:14:36

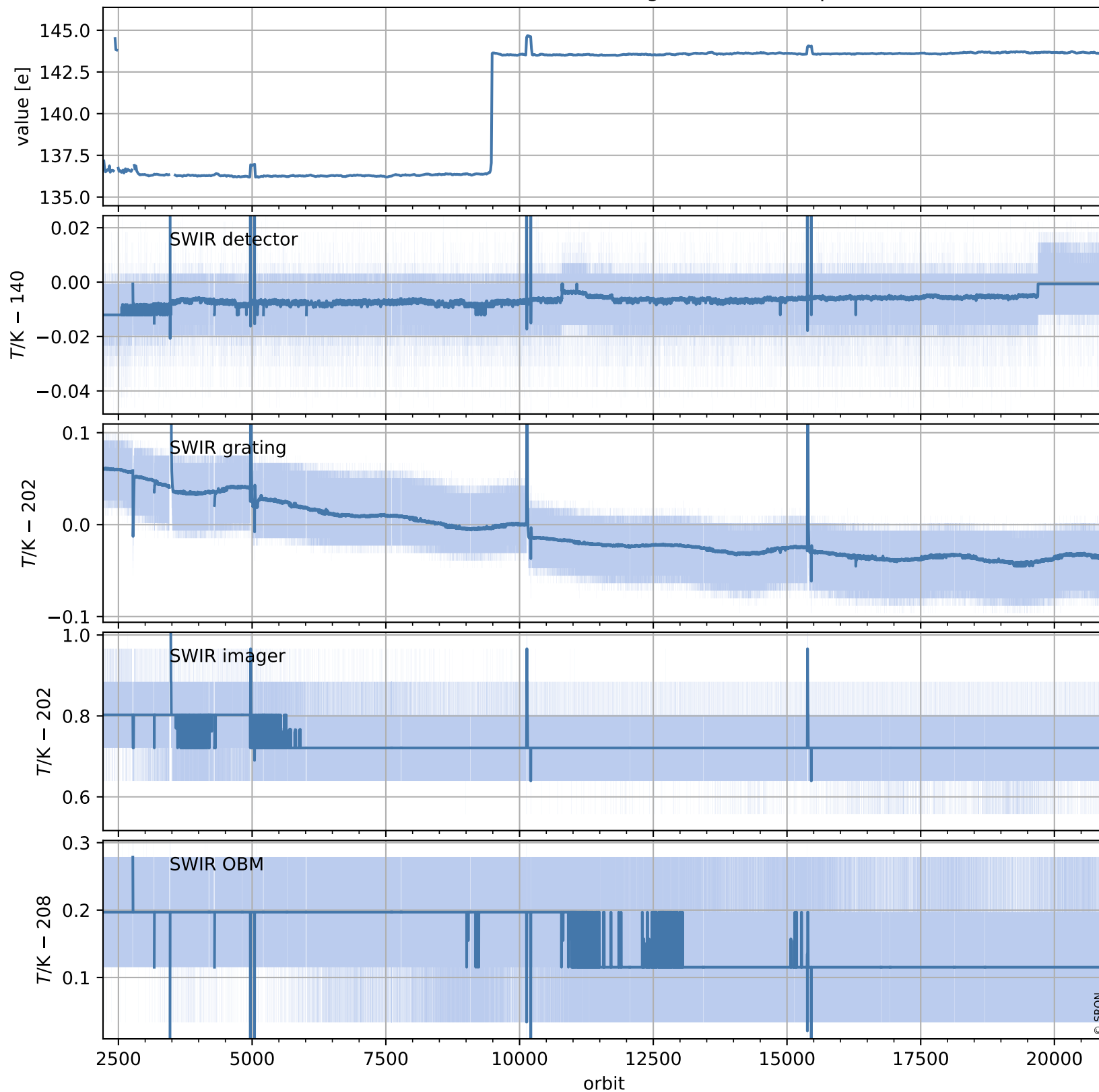
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20947]
coverage : 2018-03-18 / 2021-10-28
created : 2023-08-21T16:14:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20947]
coverage : 2018-03-18 / 2021-10-28
created : 2023-08-21T16:14:38

trend of normalized read-noise & temperatures

