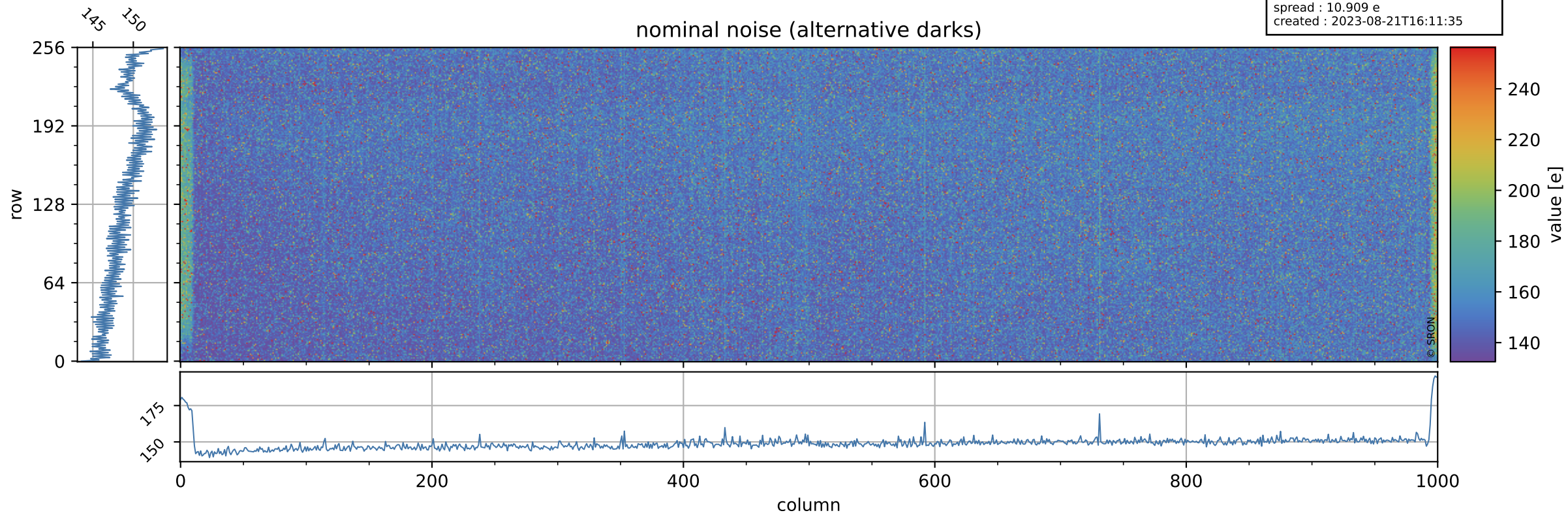


Tropomi SWIR background noise (swir)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.909 e
created : 2023-08-21T16:11:35

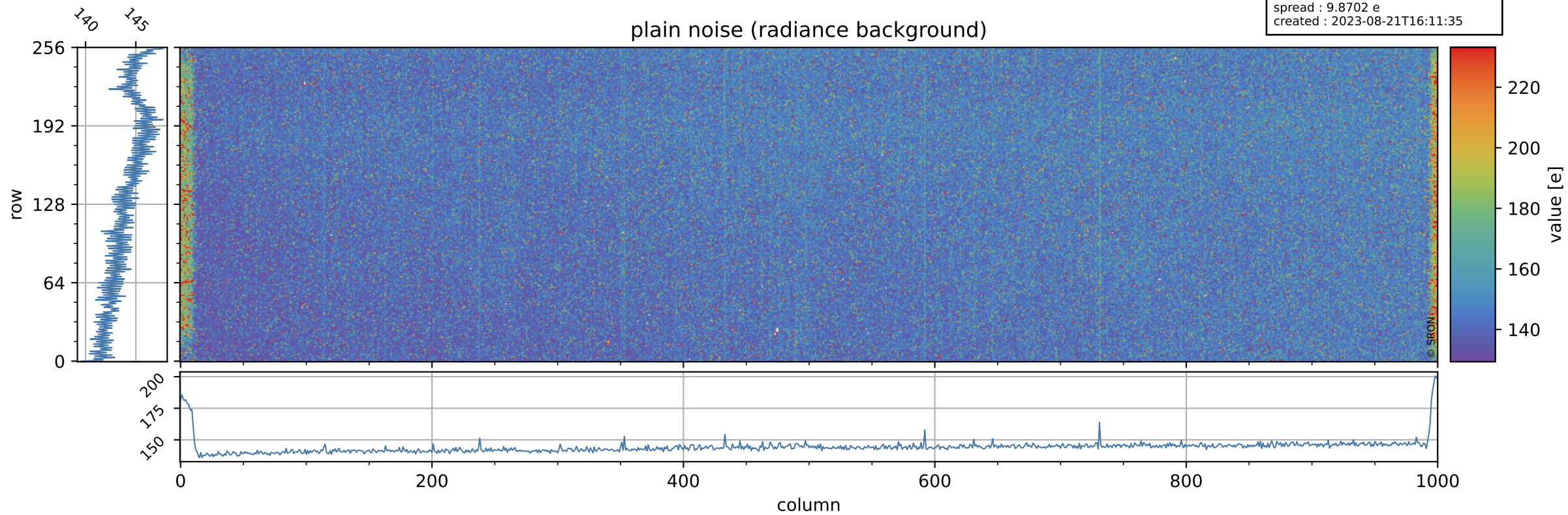
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 9.8702 e
created : 2023-08-21T16:11:35

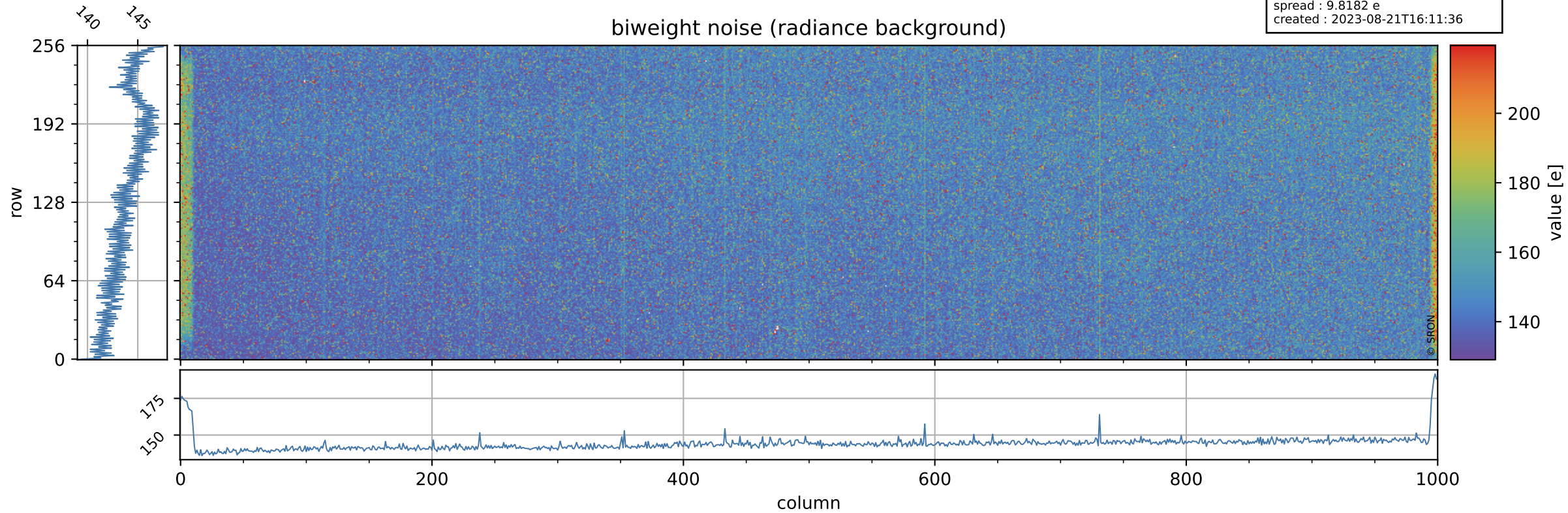
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8182 e
created : 2023-08-21T16:11:36

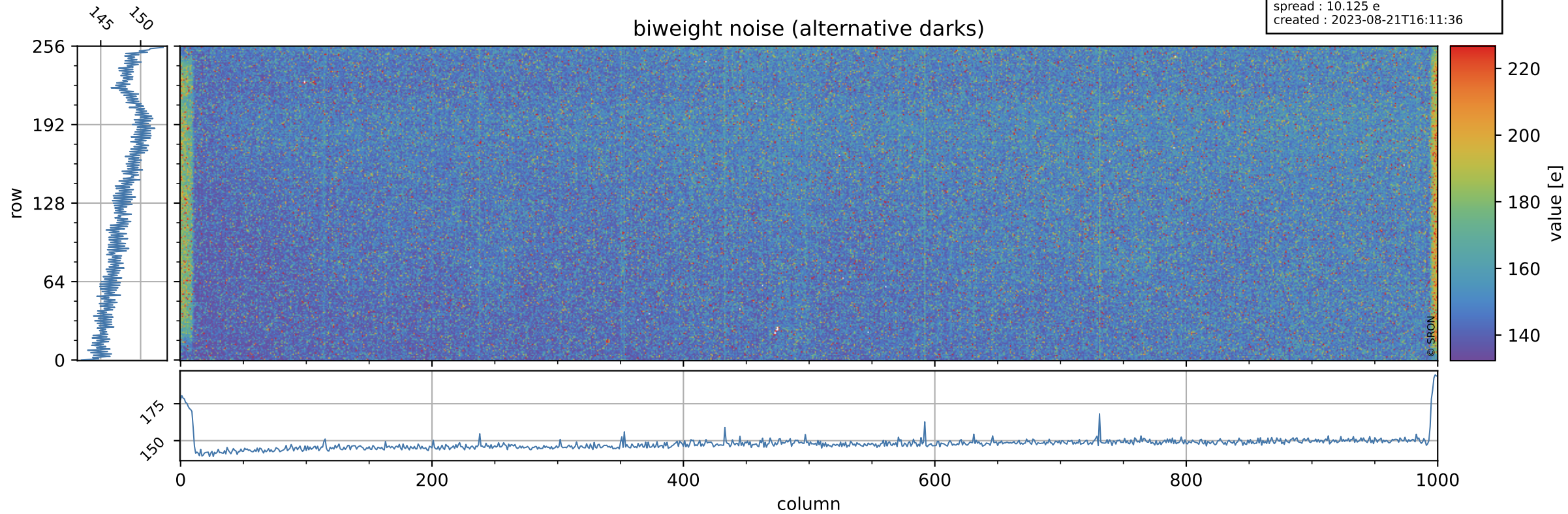
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.125 e
created : 2023-08-21T16:11:36

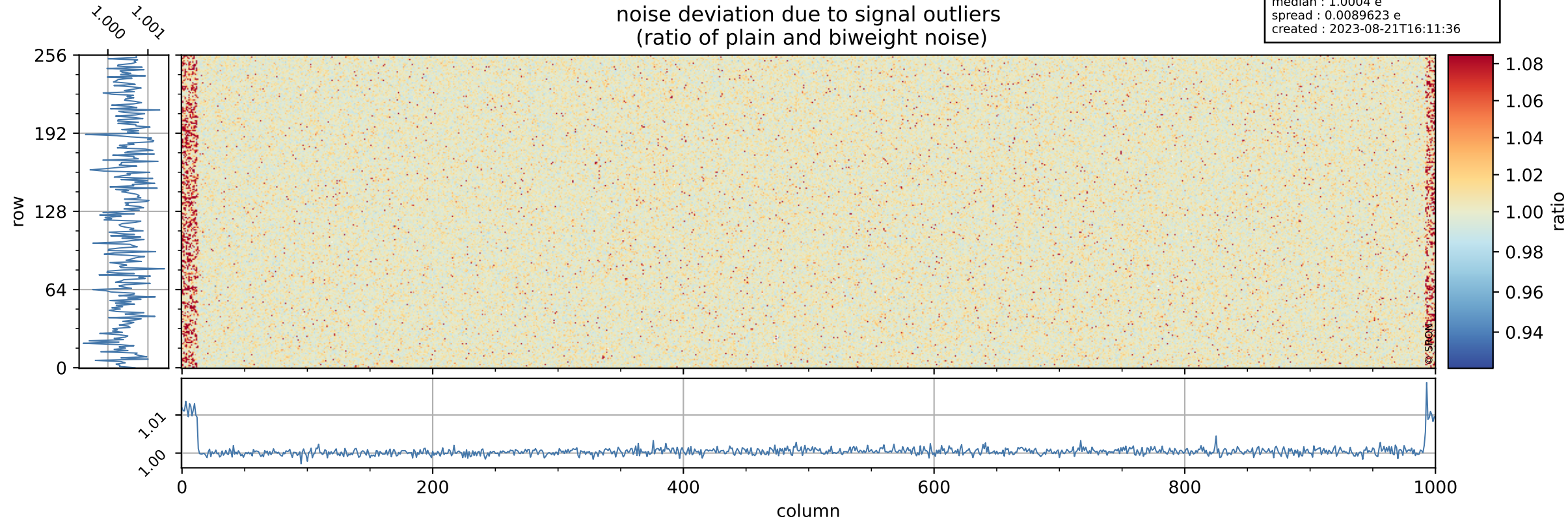
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

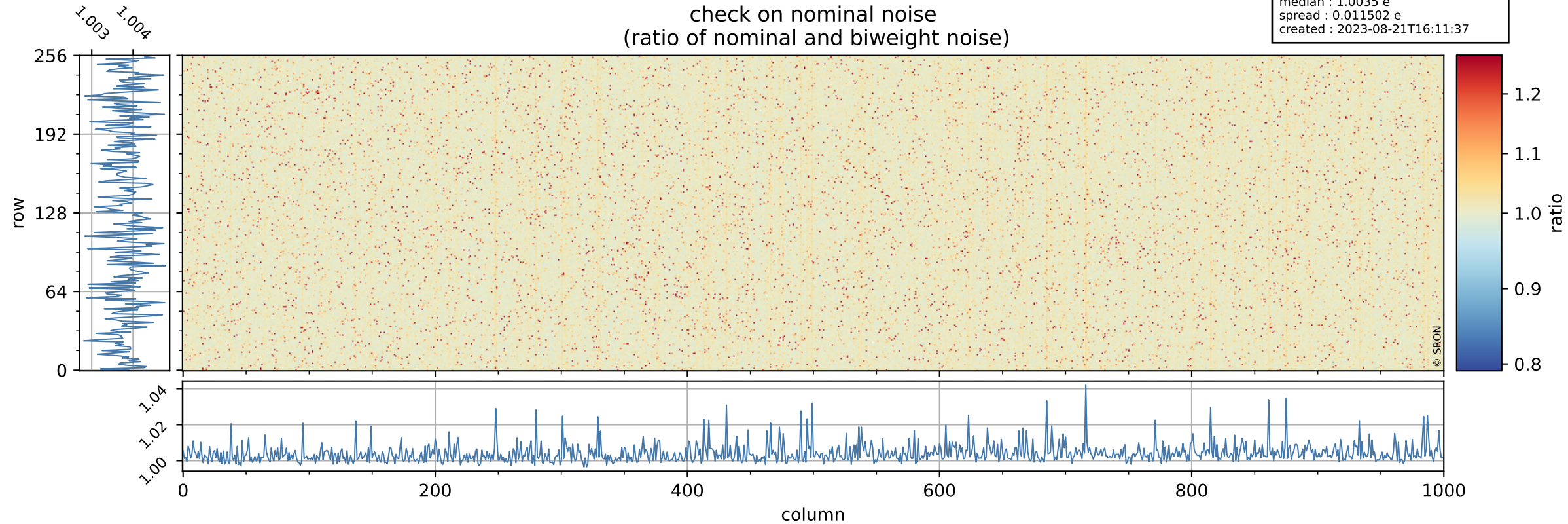
orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
median : 1.0004 e
spread : 0.0089623 e
created : 2023-08-21T16:11:36



Tropomi SWIR background noise (swir)

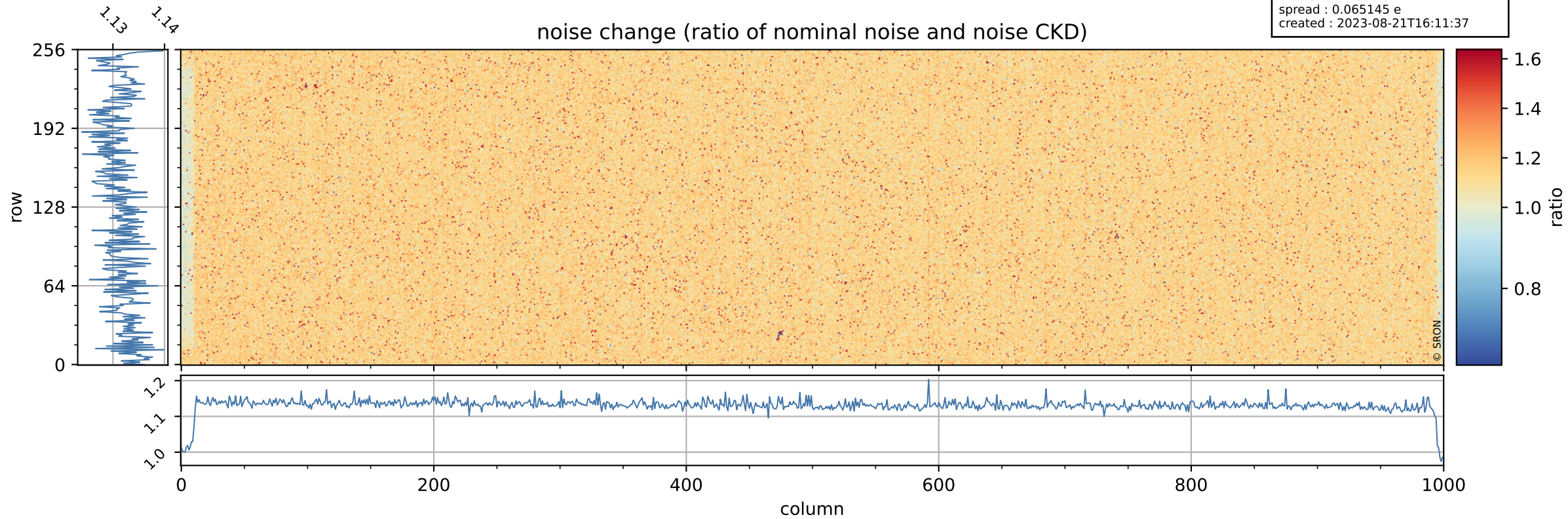
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
median : 1.0035 e
spread : 0.011502 e
created : 2023-08-21T16:11:37



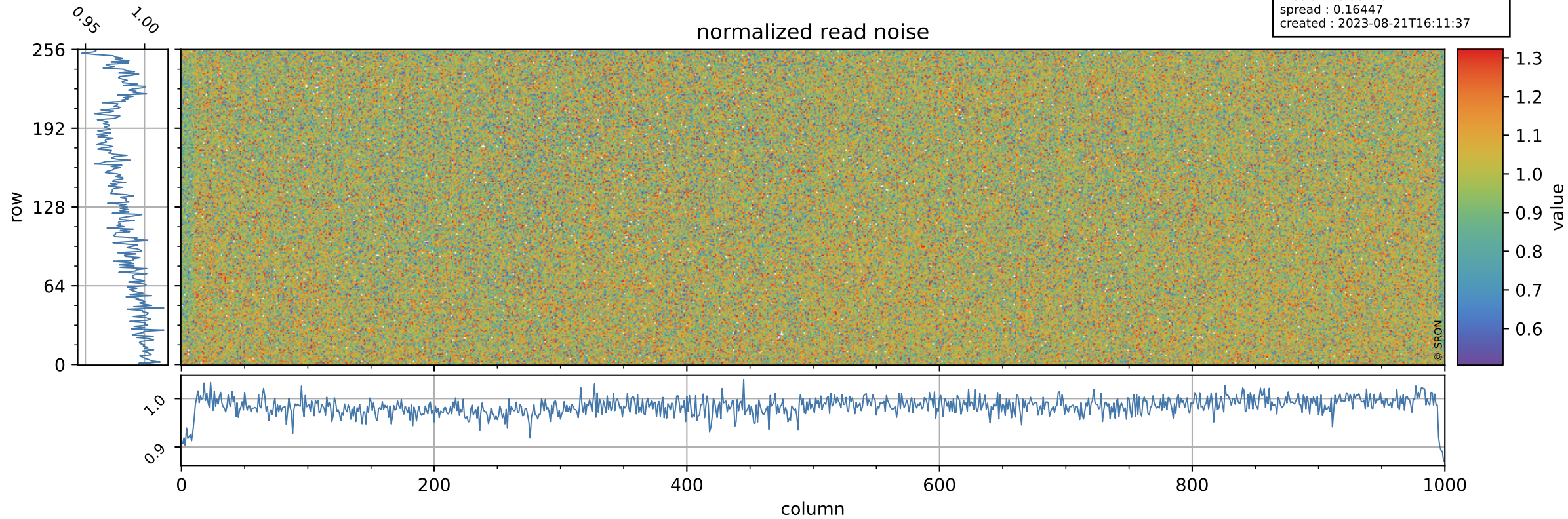
Tropomi SWIR background noise (swir)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
median : 1.1306 e
spread : 0.065145 e
created : 2023-08-21T16:11:37



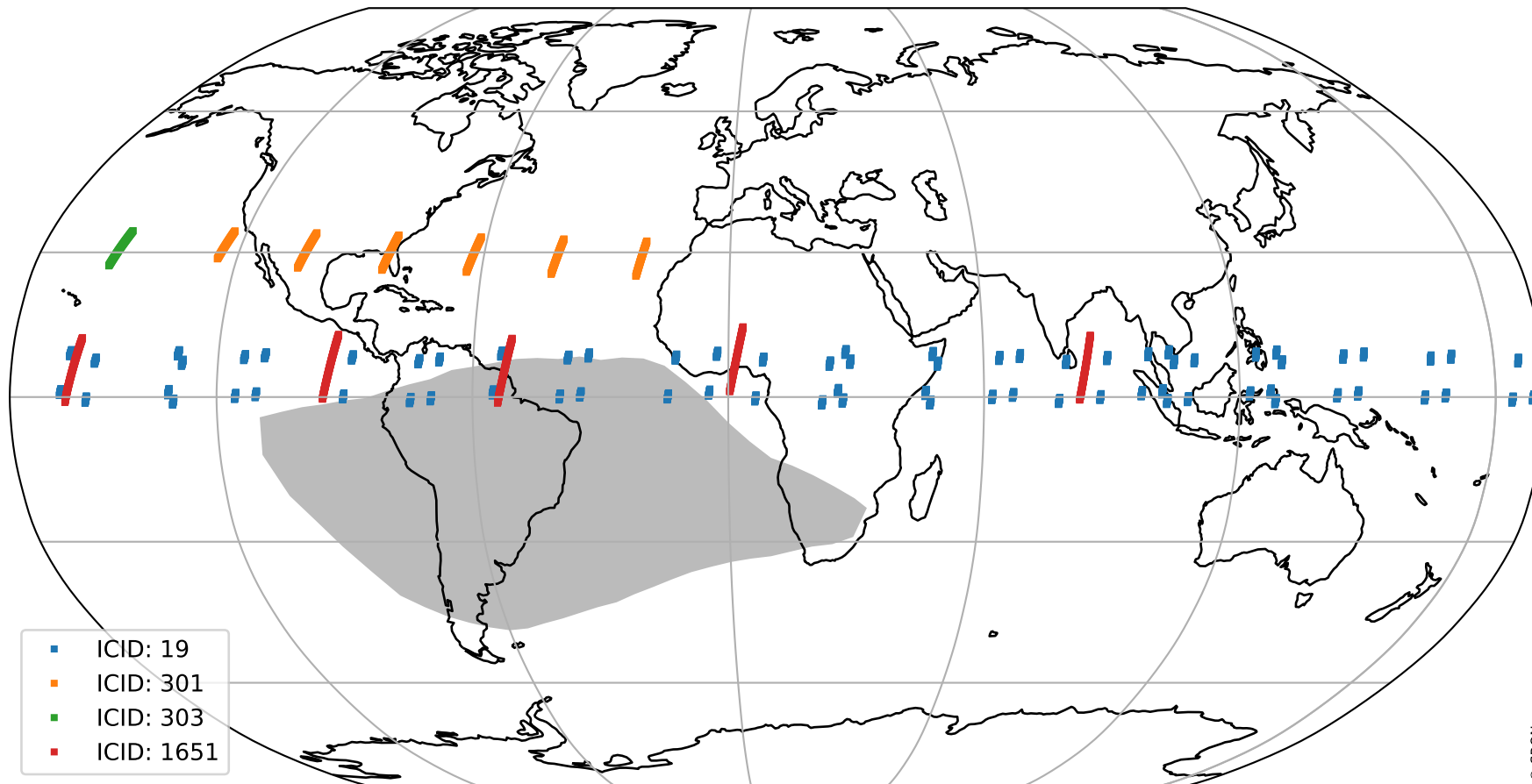
Tropomi SWIR background noise (swir)

orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
median : 0.98276
spread : 0.16447
created : 2023-08-21T16:11:37



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

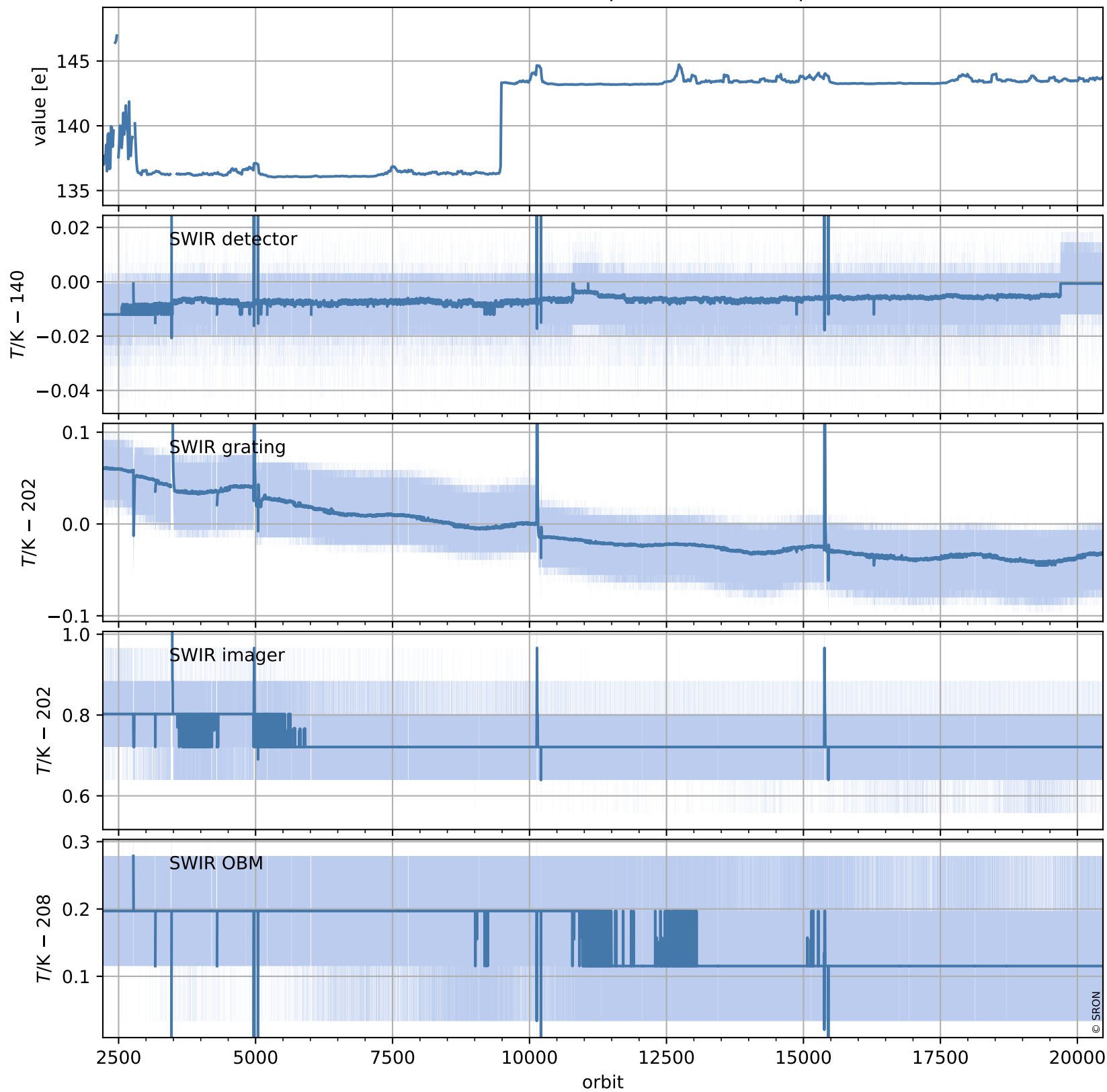
orbits : 12 in [20377, 20467]
coverage : 2021-09-19 / 2021-09-25
created : 2023-08-21T16:11:37



Tropomi SWIR background noise (swir)

orbits : [2212, 20467]
coverage : 2018-03-18 / 2021-09-25
created : 2023-08-21T16:11:38

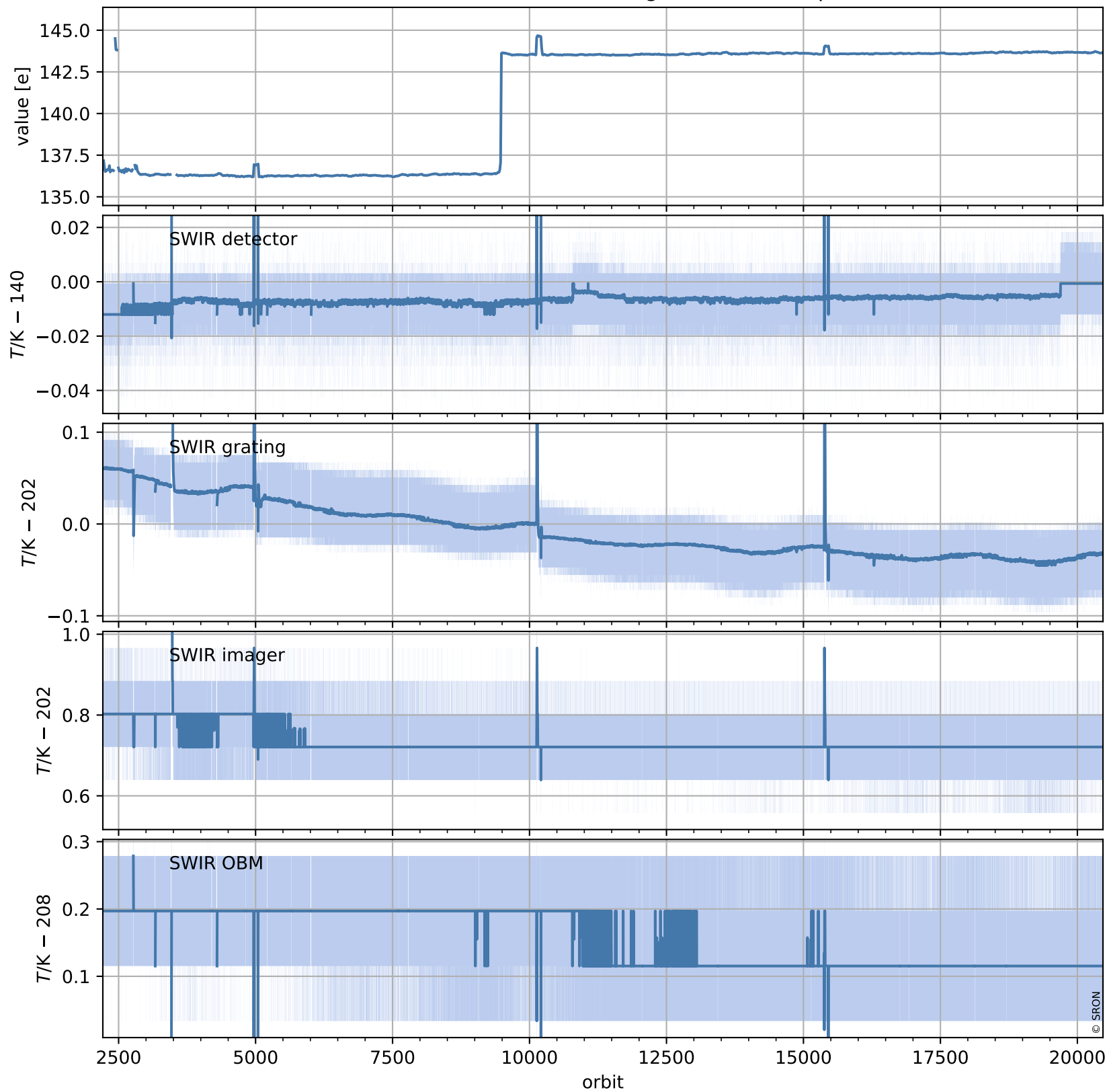
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20467]
coverage : 2018-03-18 / 2021-09-25
created : 2023-08-21T16:11:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20467]
coverage : 2018-03-18 / 2021-09-25
created : 2023-08-21T16:11:39

trend of normalized read-noise & temperatures

