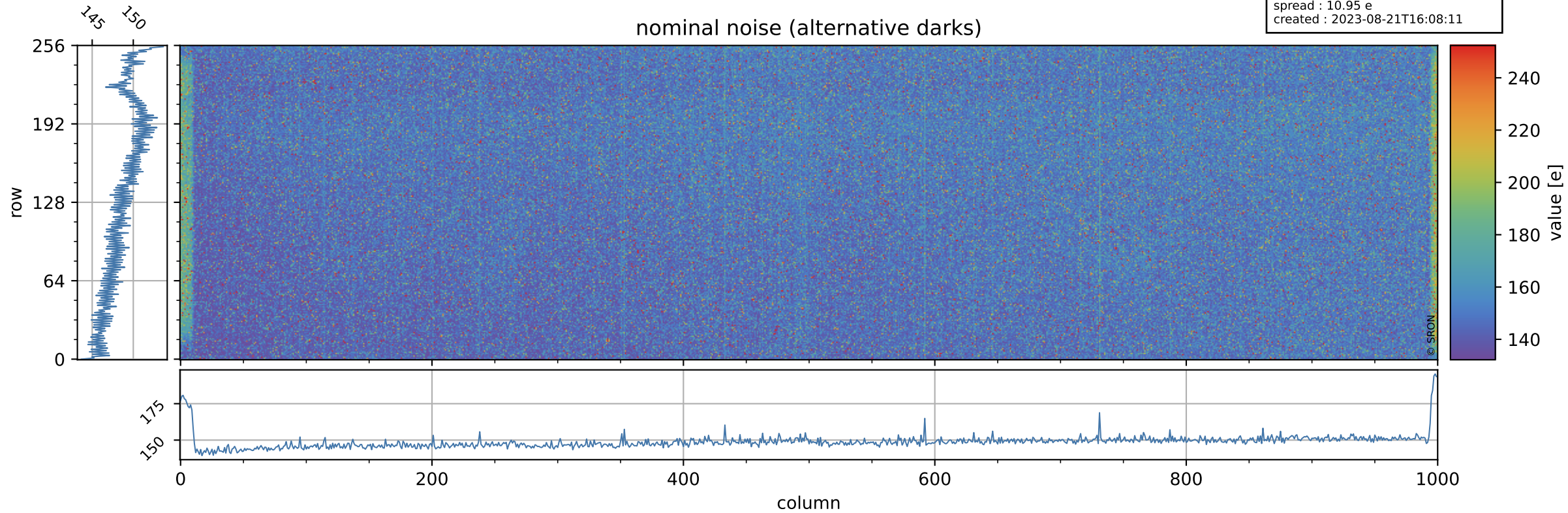


Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.95 e
created : 2023-08-21T16:08:11

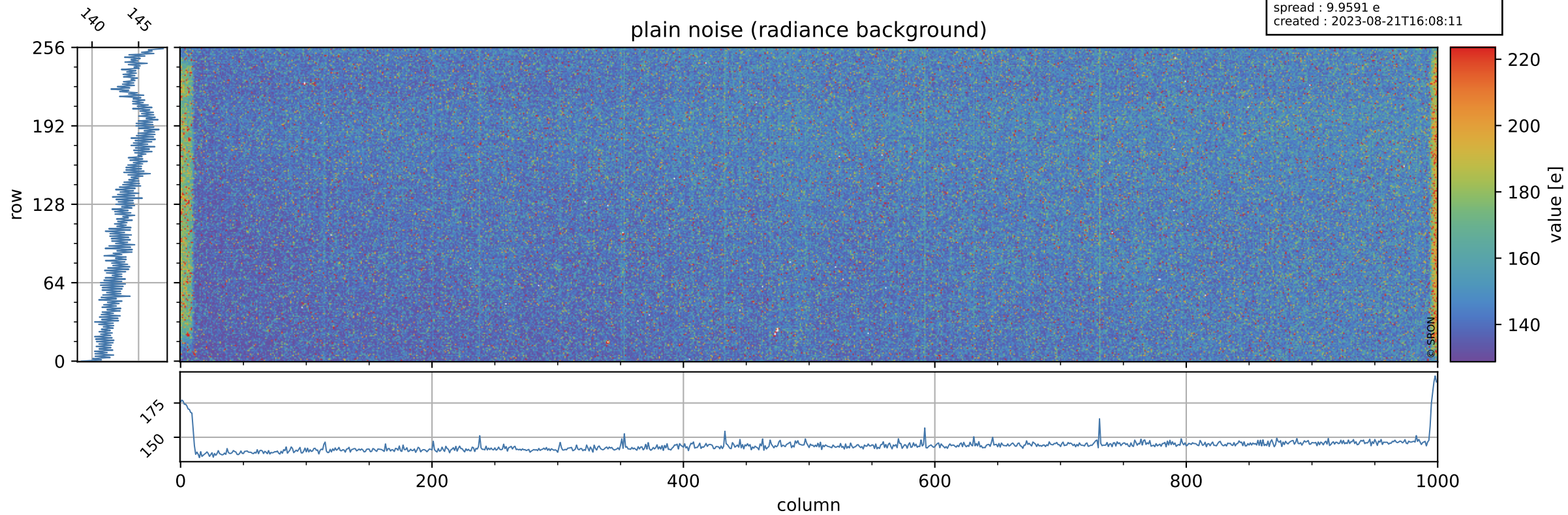
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9591 e
created : 2023-08-21T16:08:11

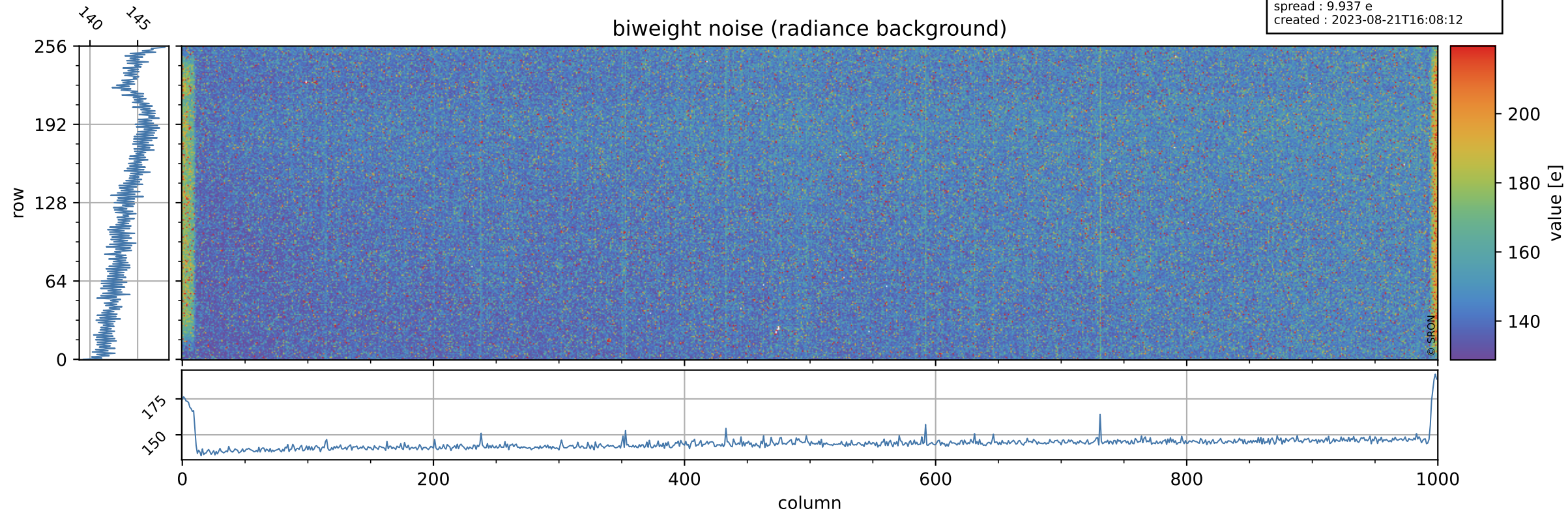
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.937 e
created : 2023-08-21T16:08:12

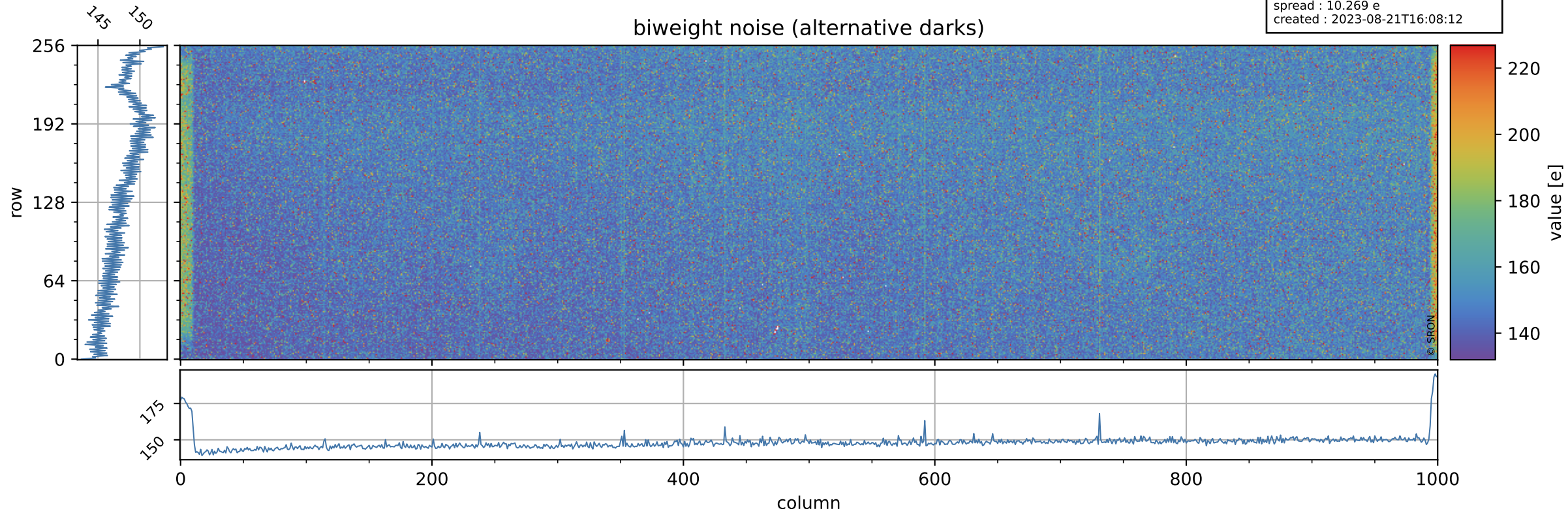
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.269 e
created : 2023-08-21T16:08:12

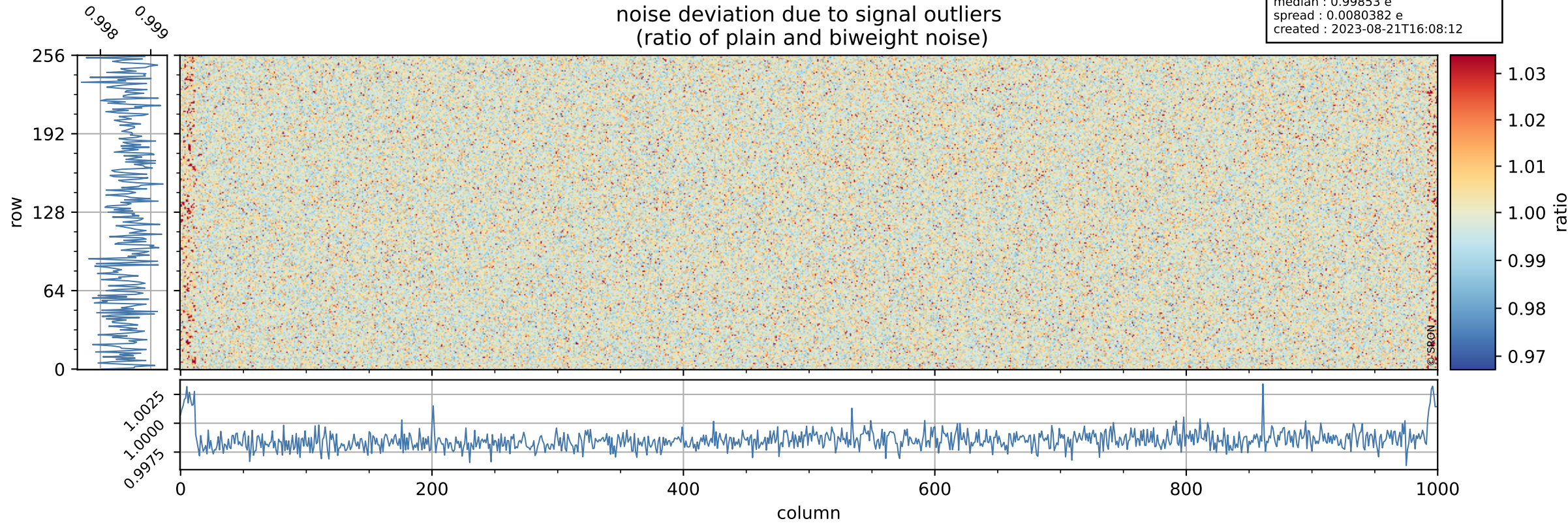
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

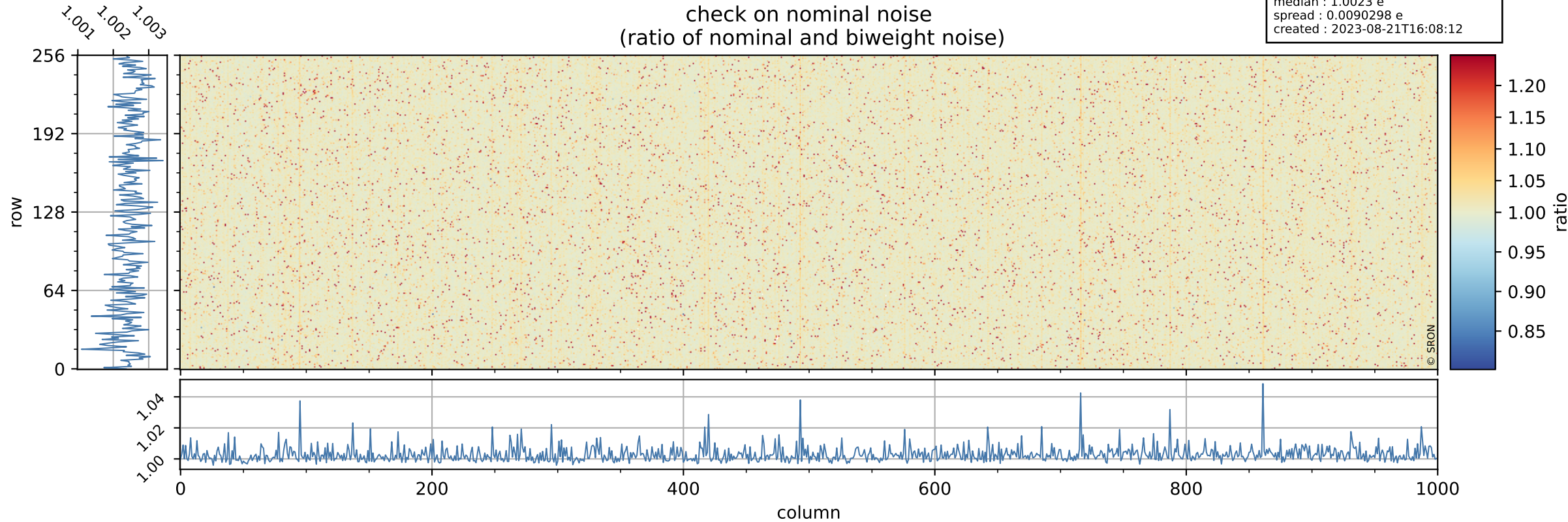
orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
median : 0.99853 e
spread : 0.0080382 e
created : 2023-08-21T16:08:12



Tropomi SWIR background noise (swir)

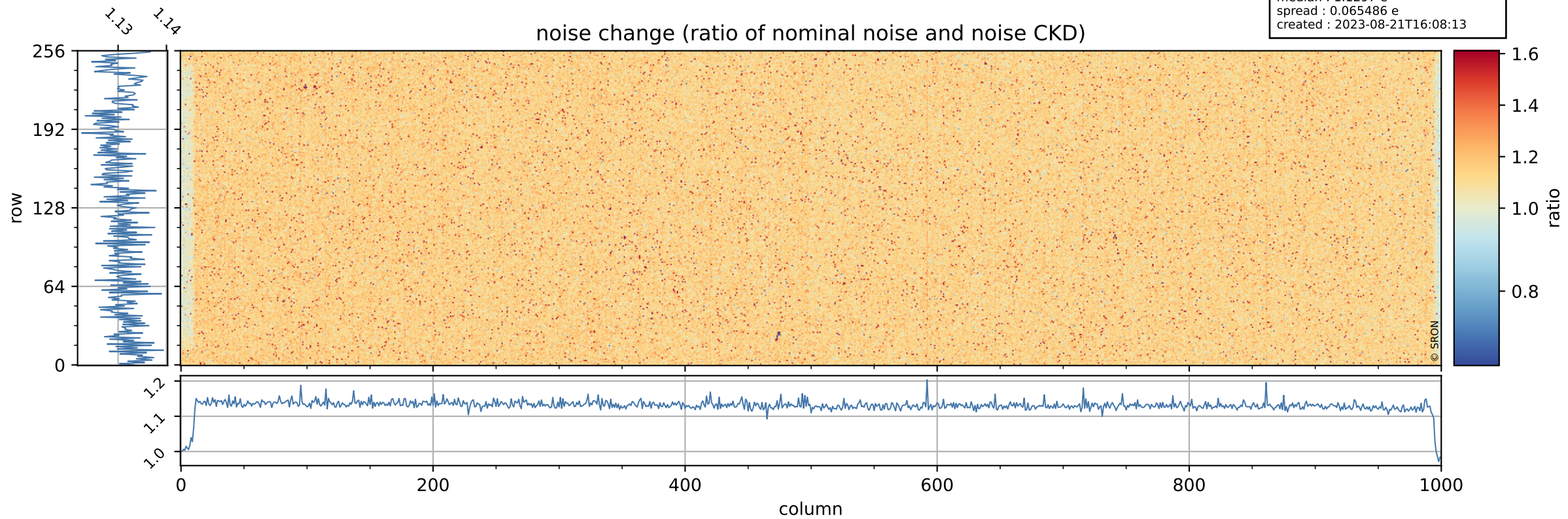
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
median : 1.0023 e
spread : 0.0090298 e
created : 2023-08-21T16:08:12



Tropomi SWIR background noise (swir)

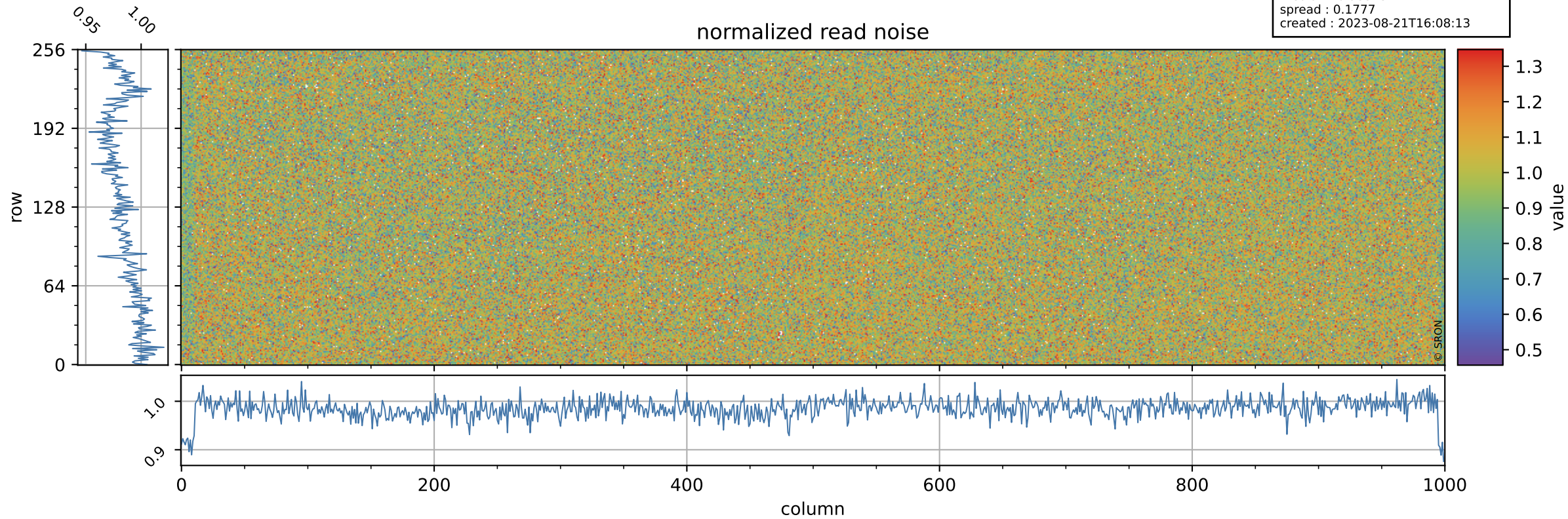
orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
median : 1.1297 e
spread : 0.065486 e
created : 2023-08-21T16:08:13



Tropomi SWIR background noise (swir)

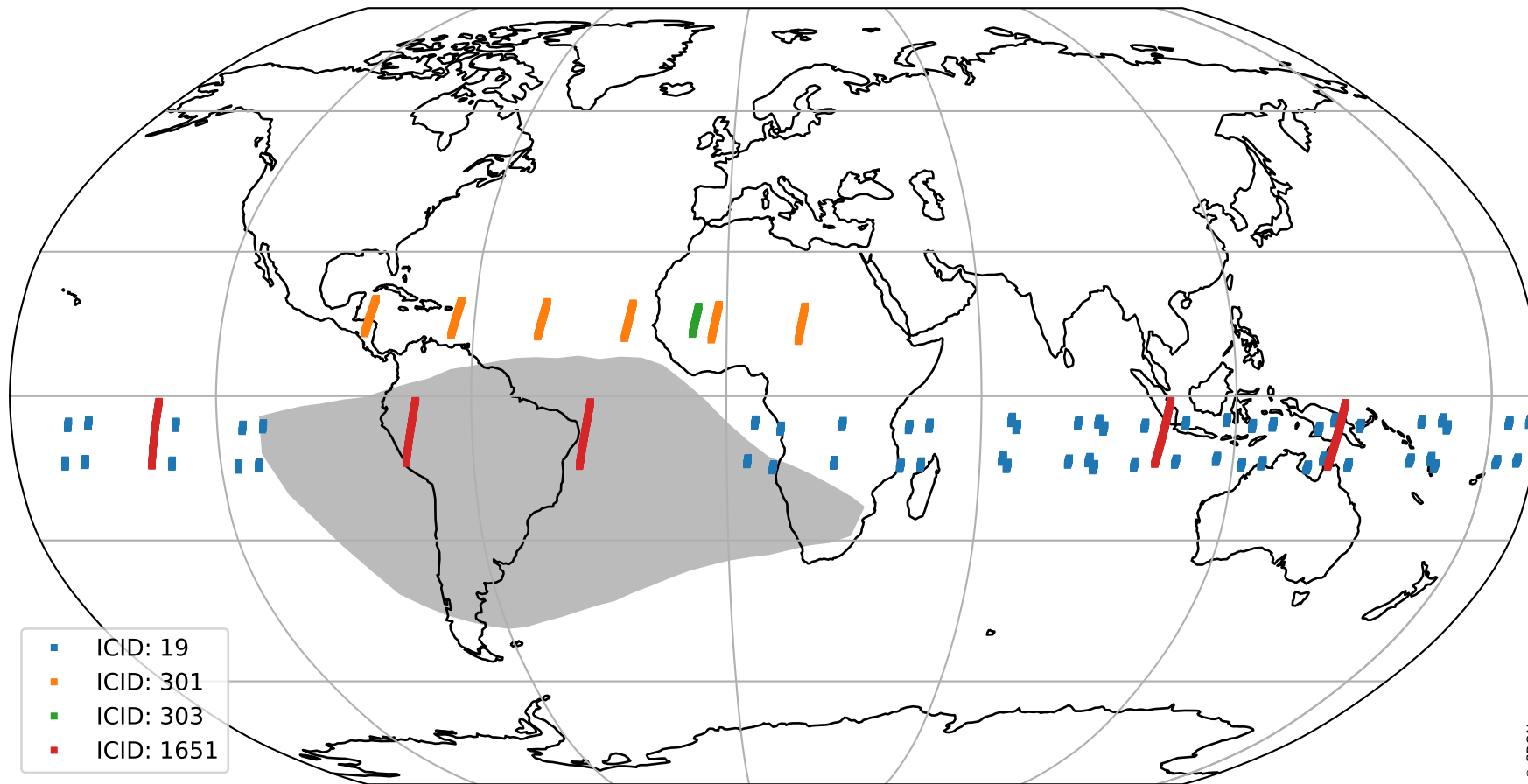
orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
median : 0.98313
spread : 0.1777
created : 2023-08-21T16:08:13

normalized read noise



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

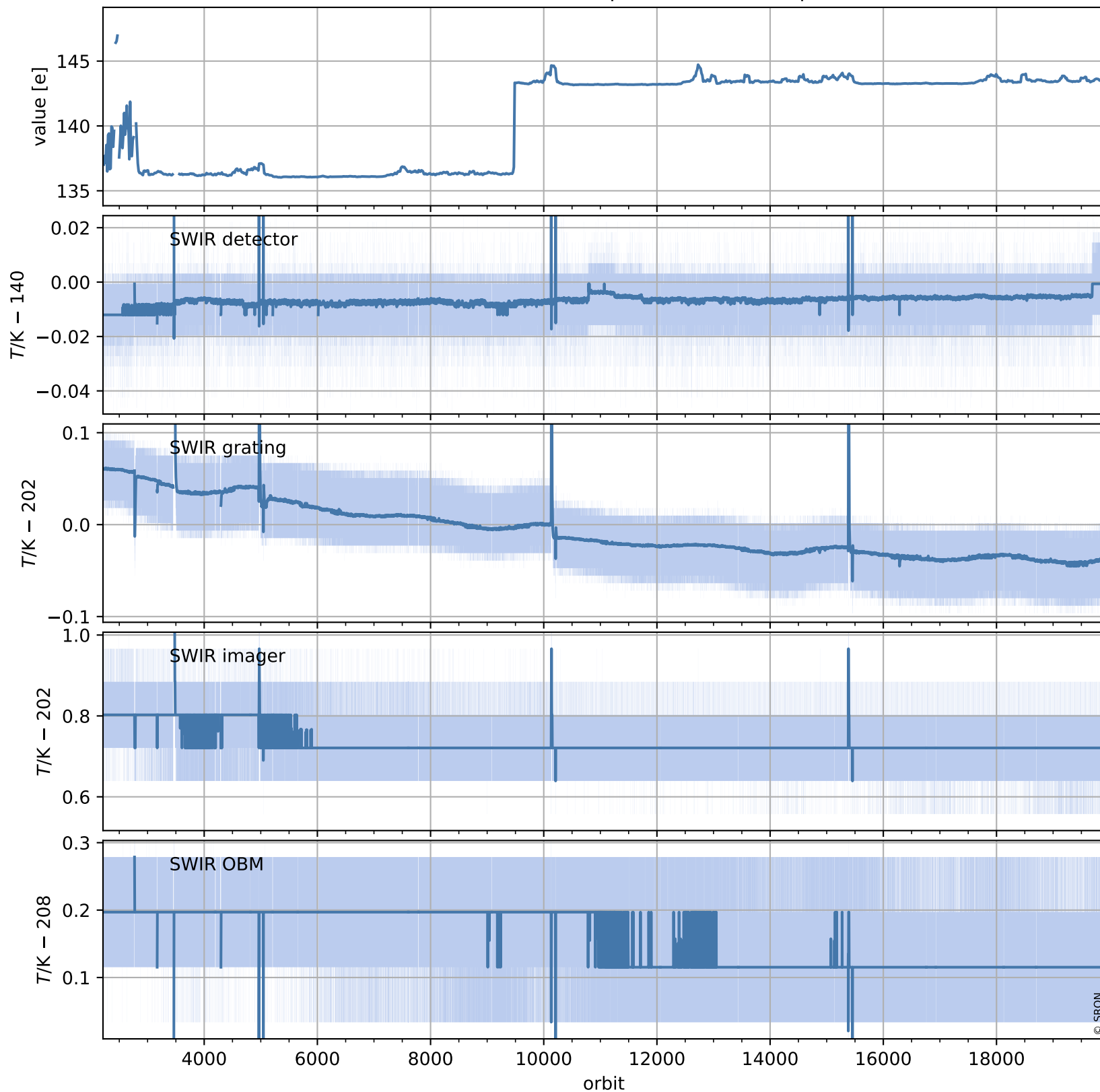
orbits : 12 in [19837, 19912]
coverage : 2021-08-10 / 2021-08-16
created : 2023-08-21T16:08:13



Tropomi SWIR background noise (swir)

orbits : [2212, 19912]
coverage : 2018-03-18 / 2021-08-16
created : 2023-08-21T16:08:14

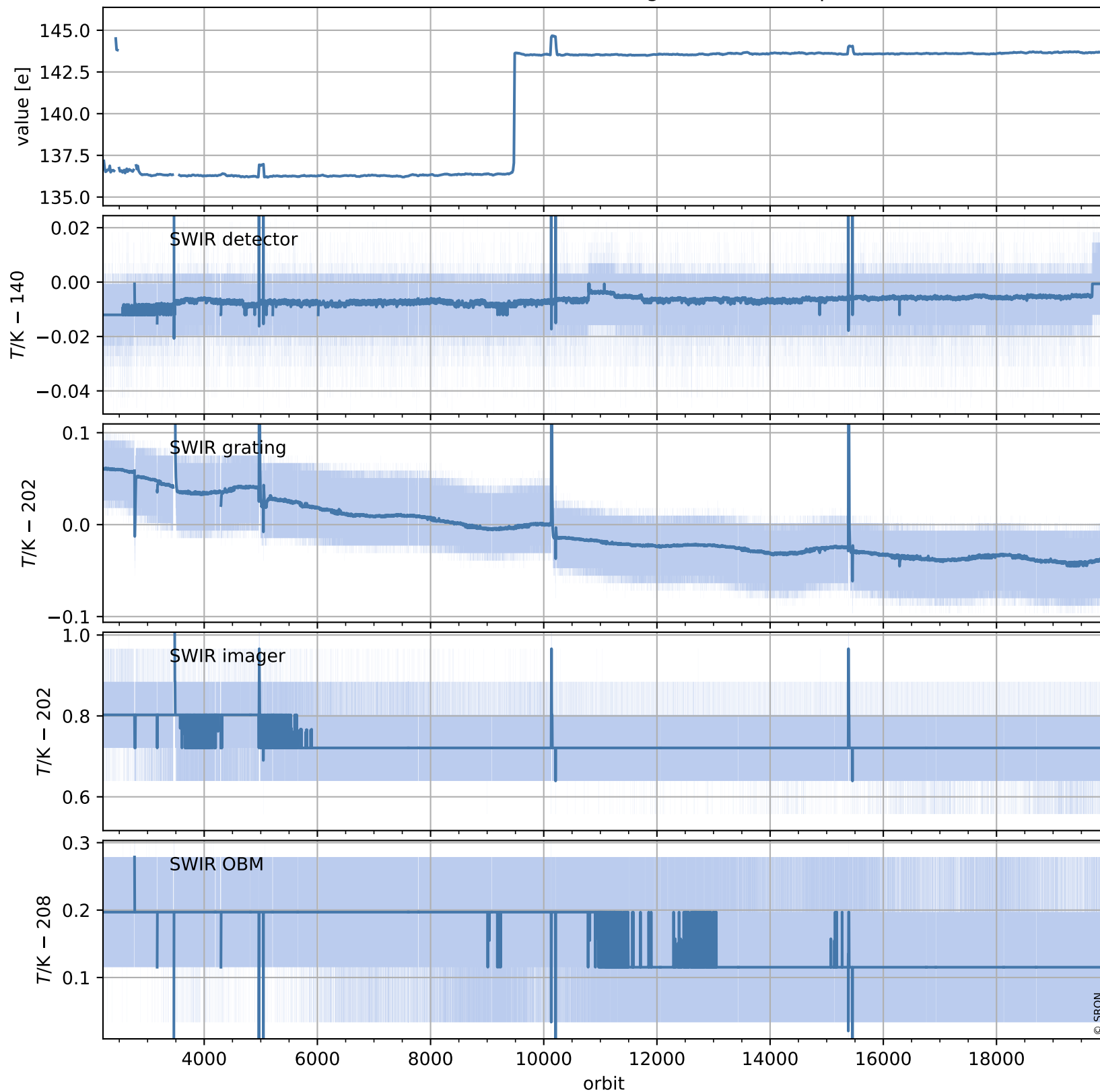
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19912]
coverage : 2018-03-18 / 2021-08-16
created : 2023-08-21T16:08:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19912]
coverage : 2018-03-18 / 2021-08-16
created : 2023-08-21T16:08:15

trend of normalized read-noise & temperatures

