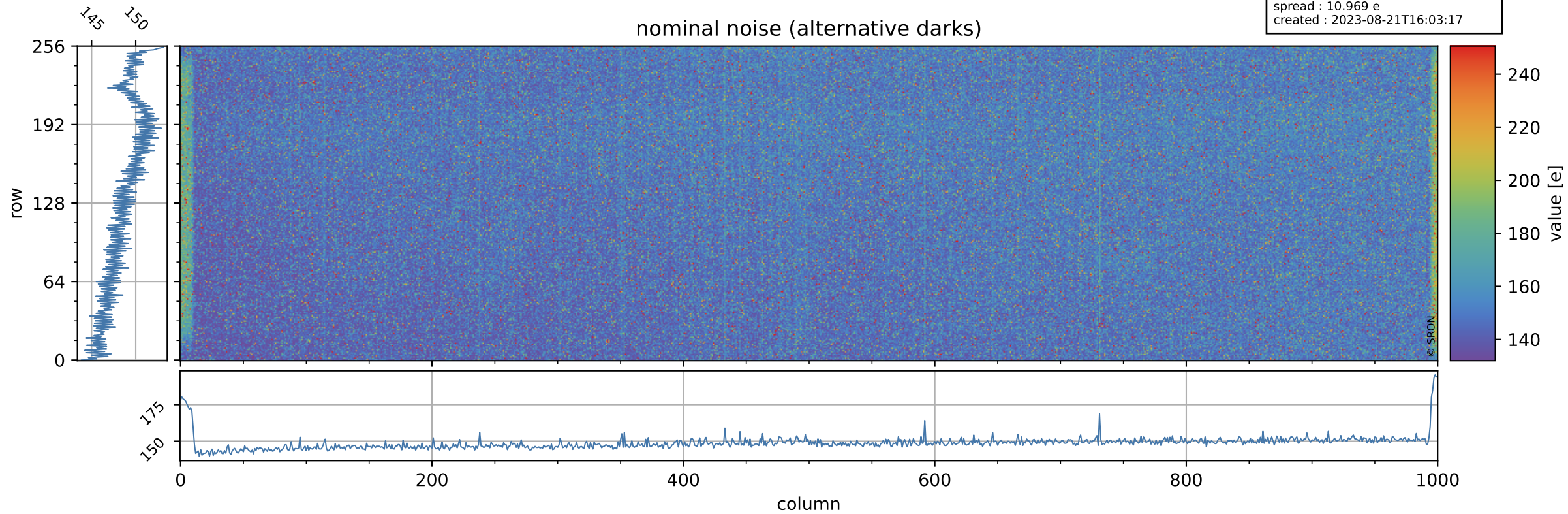


Tropomi SWIR background noise (swir)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.969 e
created : 2023-08-21T16:03:17

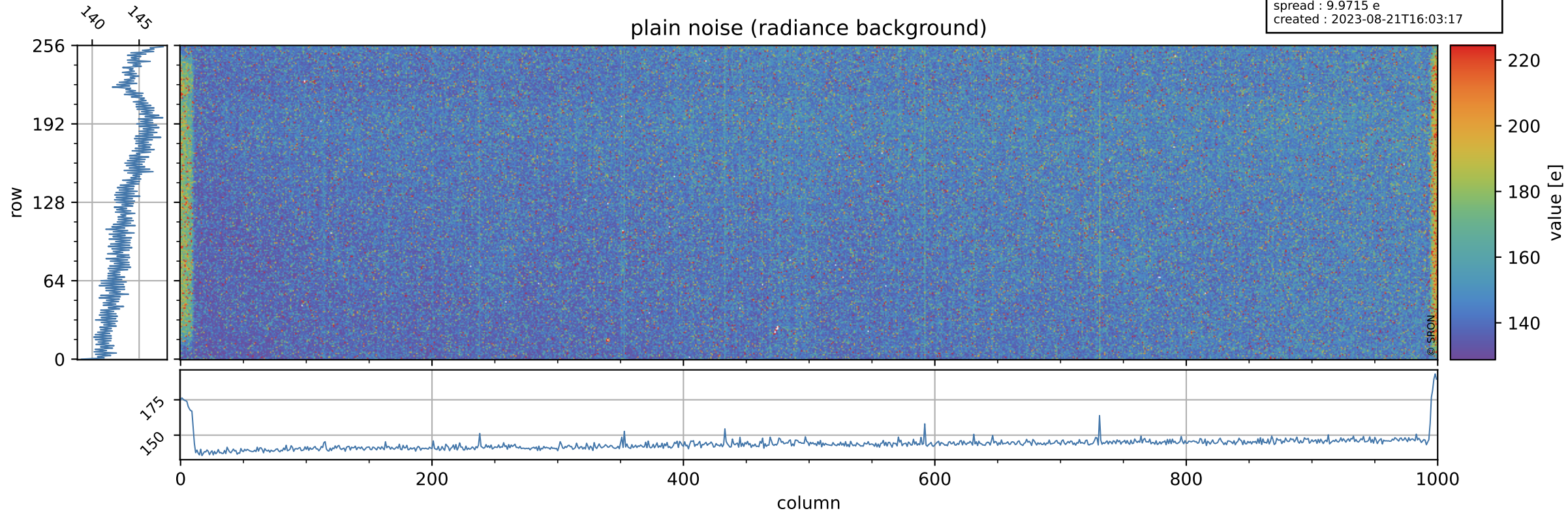
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9715 e
created : 2023-08-21T16:03:17

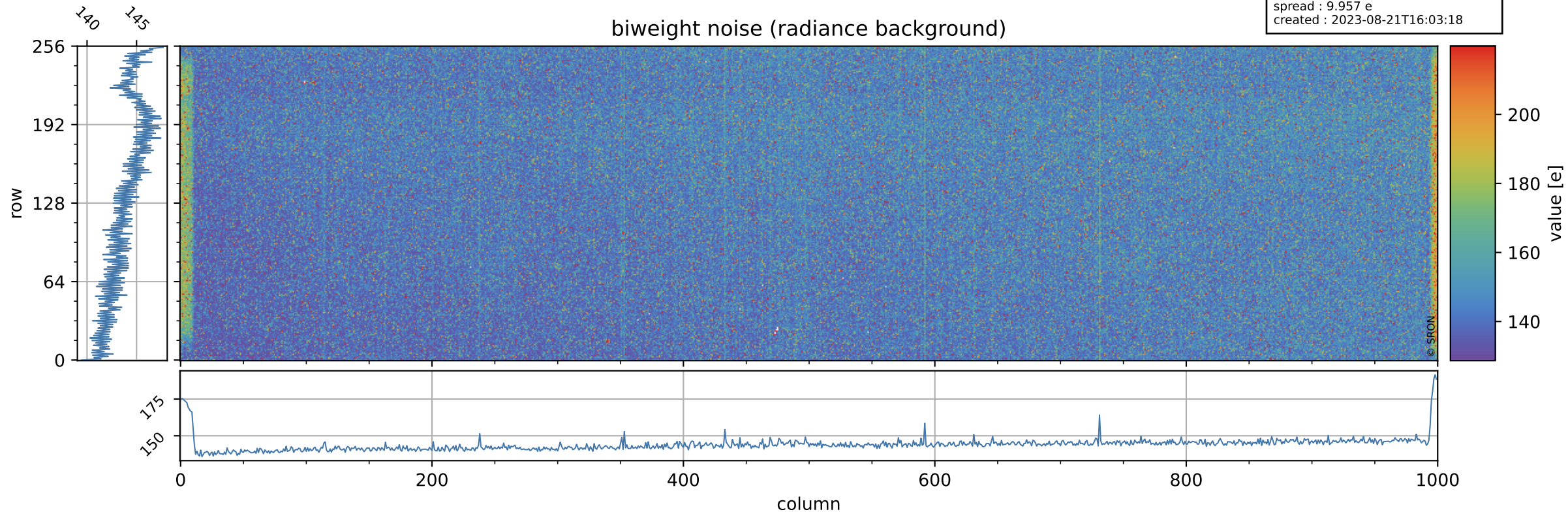
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.957 e
created : 2023-08-21T16:03:18

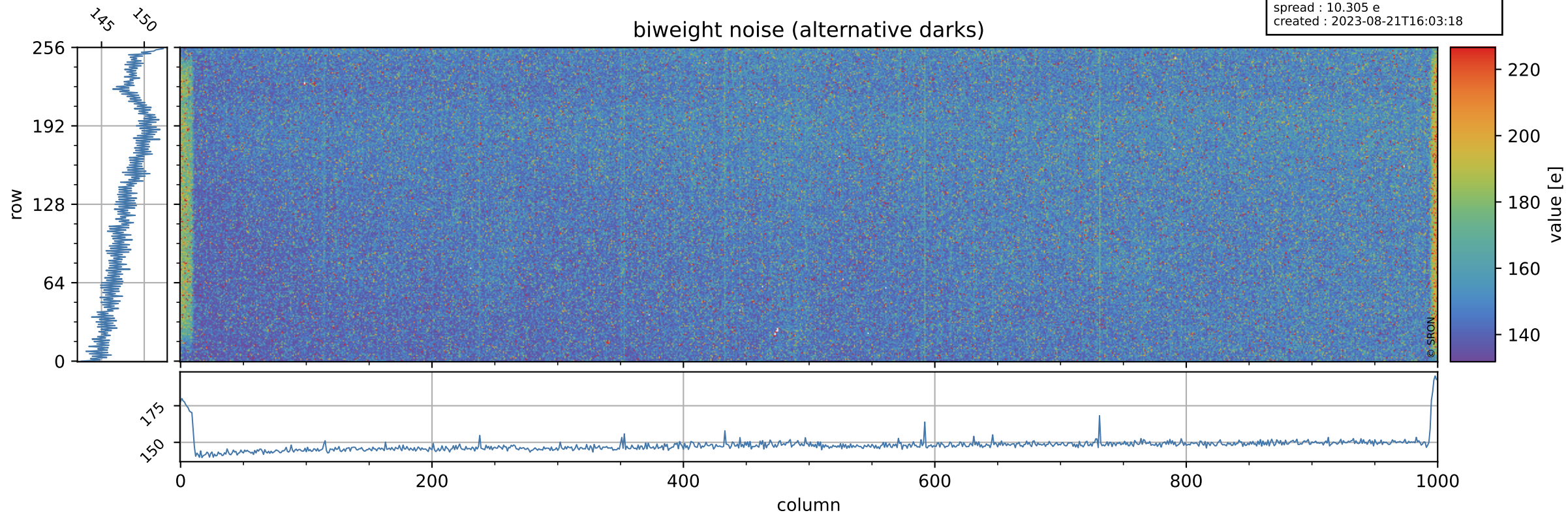
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.305 e
created : 2023-08-21T16:03:18

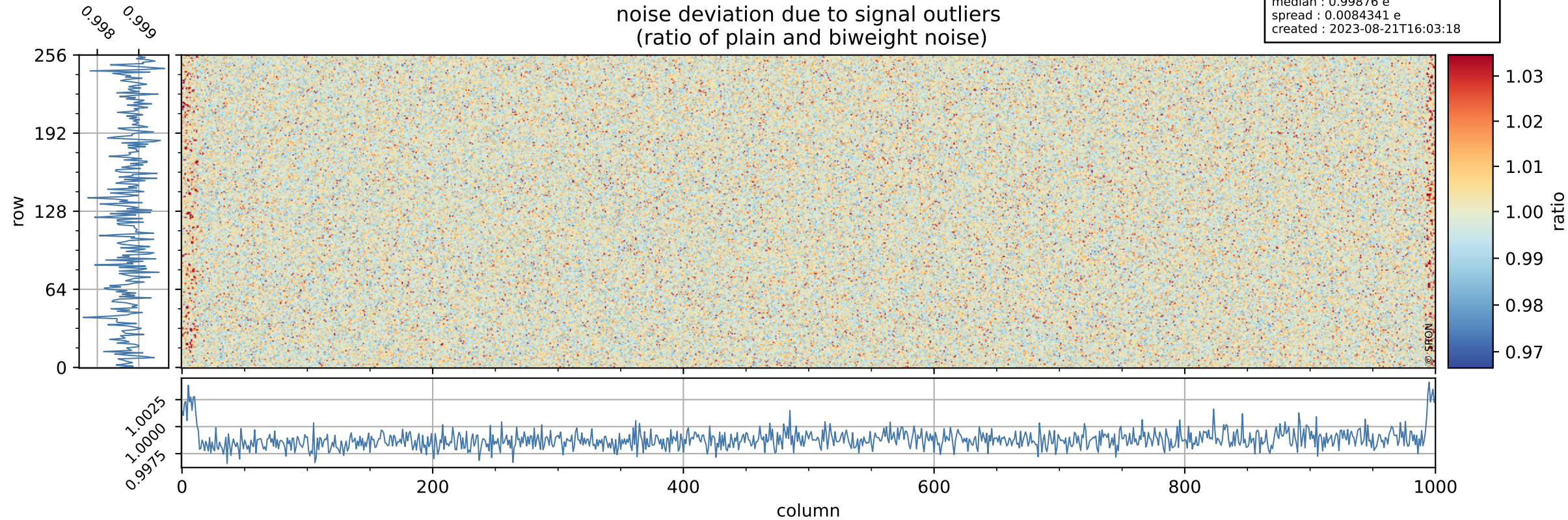
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

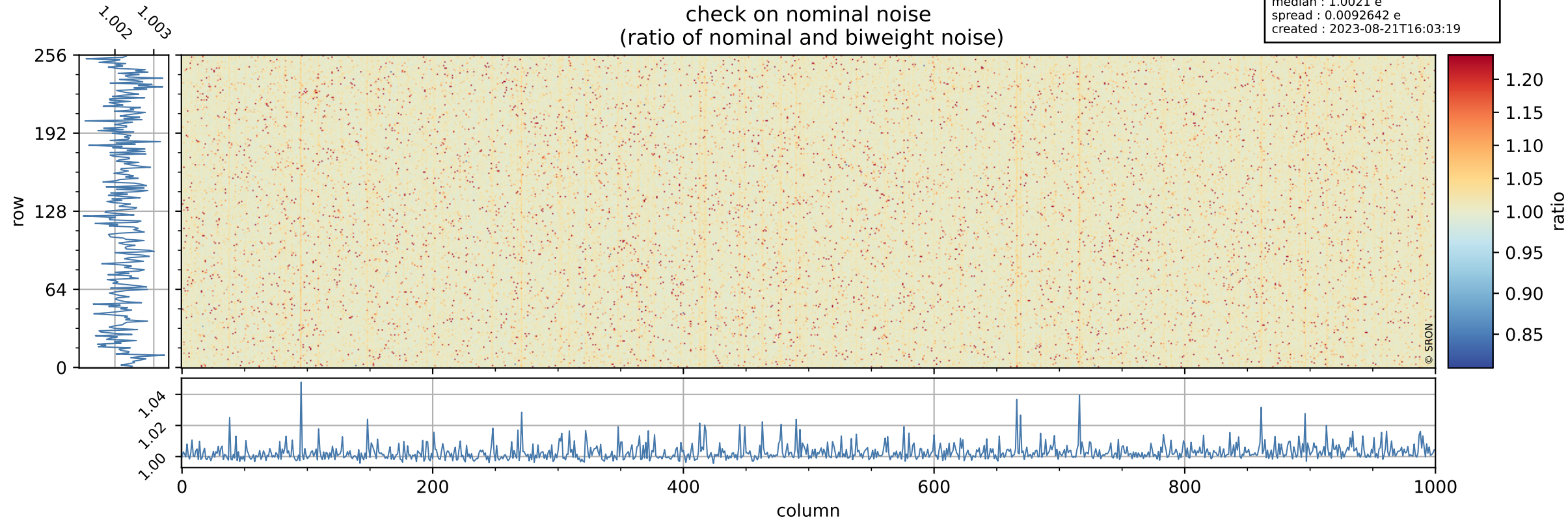
orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
median : 0.99876 e
spread : 0.0084341 e
created : 2023-08-21T16:03:18



Tropomi SWIR background noise (swir)

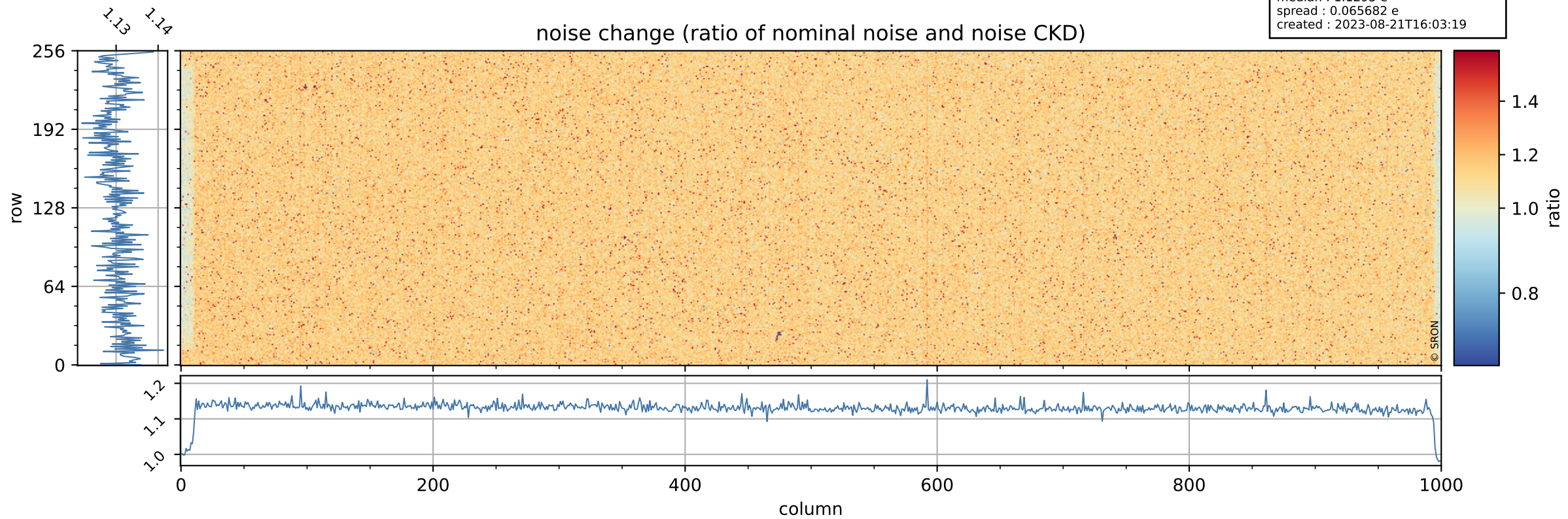
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
median : 1.0021 e
spread : 0.0092642 e
created : 2023-08-21T16:03:19



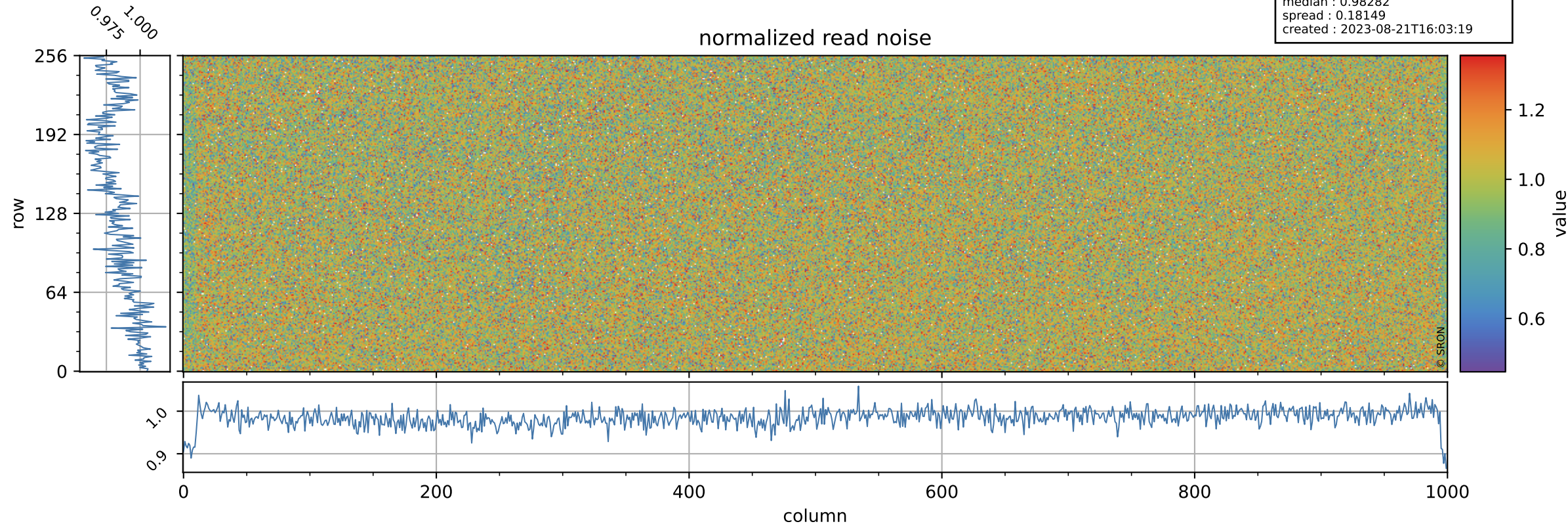
Tropomi SWIR background noise (swir)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
median : 1.1293 e
spread : 0.065682 e
created : 2023-08-21T16:03:19



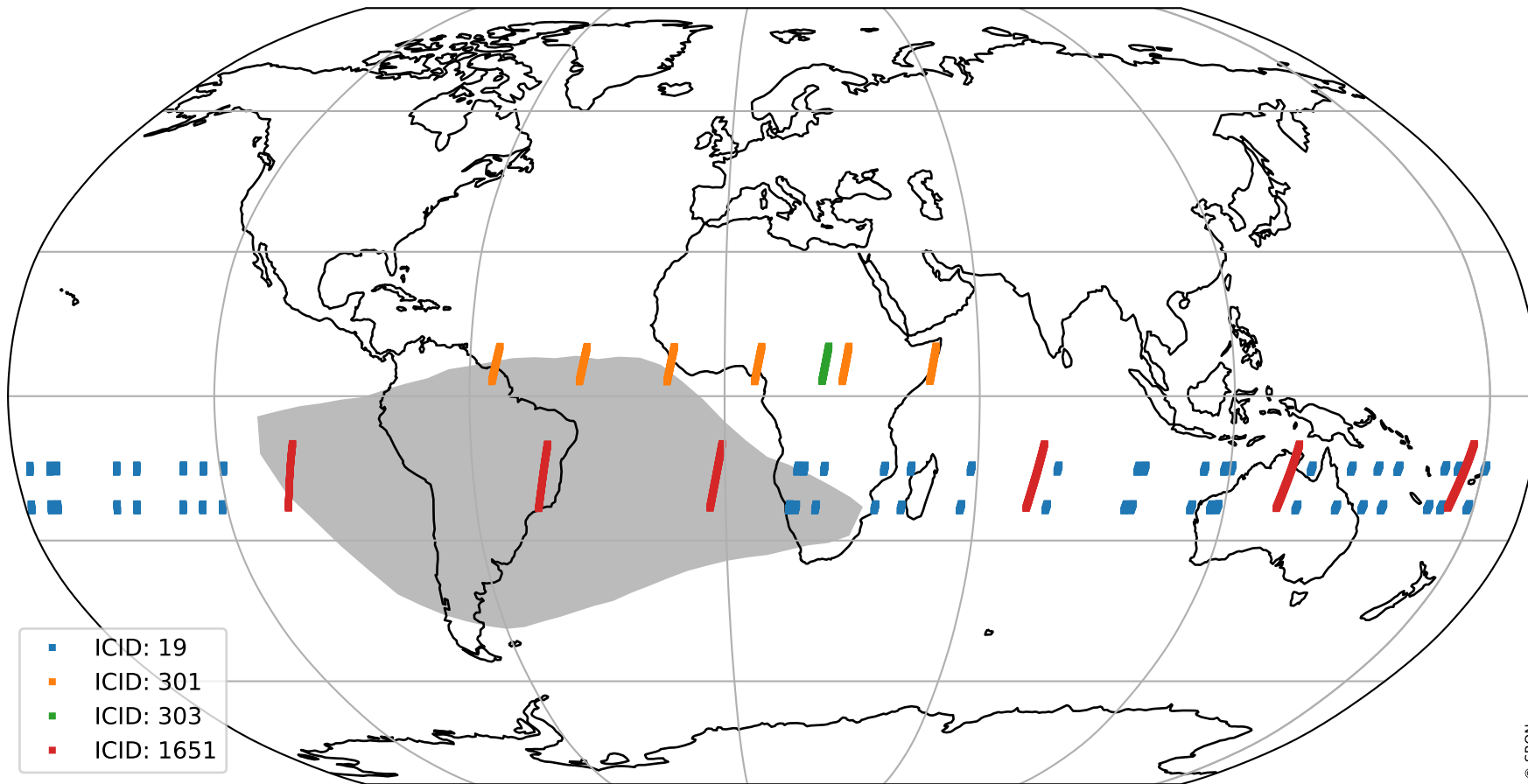
Tropomi SWIR background noise (swir)

orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
median : 0.98282
spread : 0.18149
created : 2023-08-21T16:03:19



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

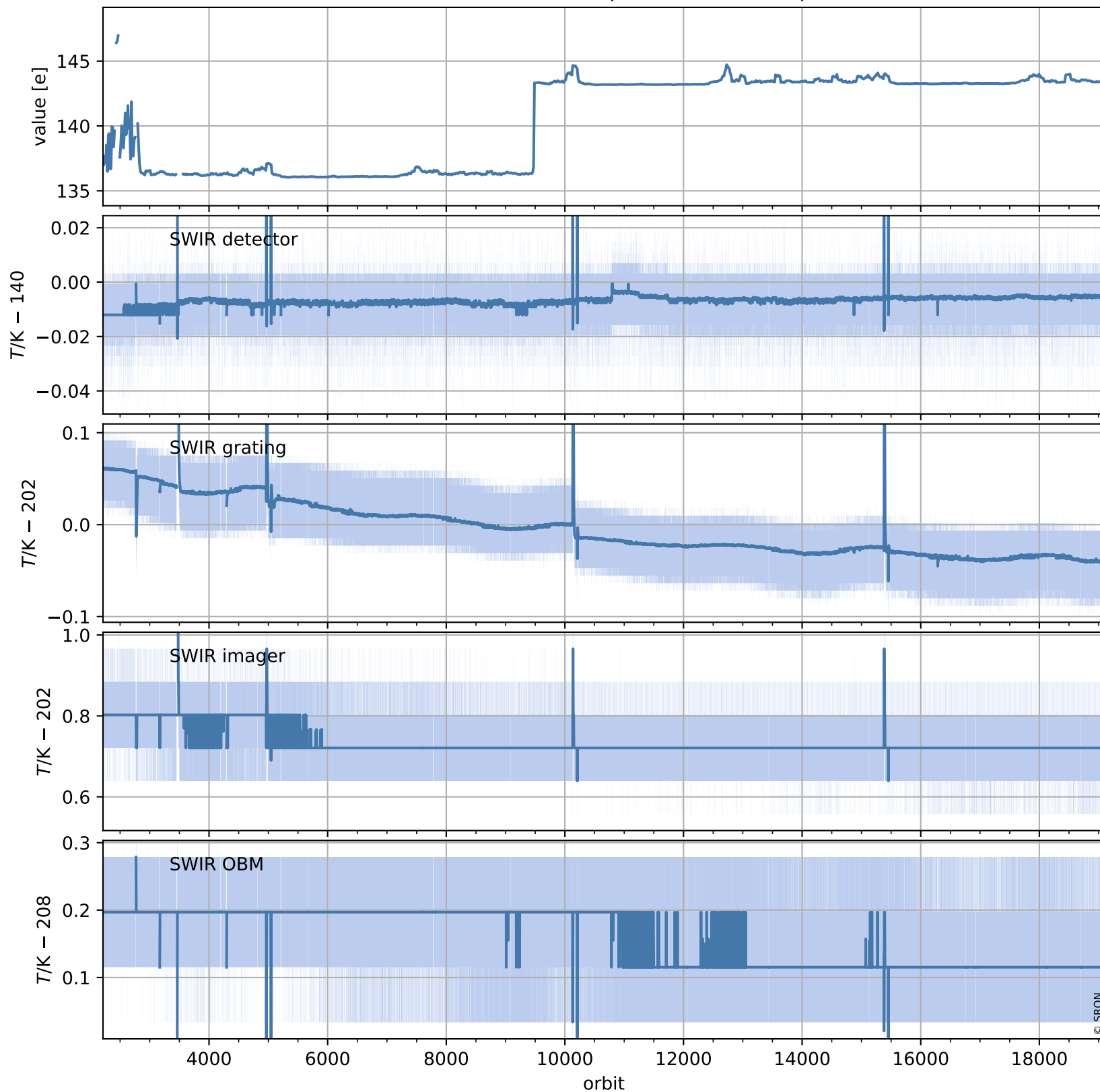
orbits : 13 in [19027, 19102]
coverage : 2021-06-14 / 2021-06-20
created : 2023-08-21T16:03:19



Tropomi SWIR background noise (swir)

orbits : [2212, 19102]
coverage : 2018-03-18 / 2021-06-20
created : 2023-08-21T16:03:20

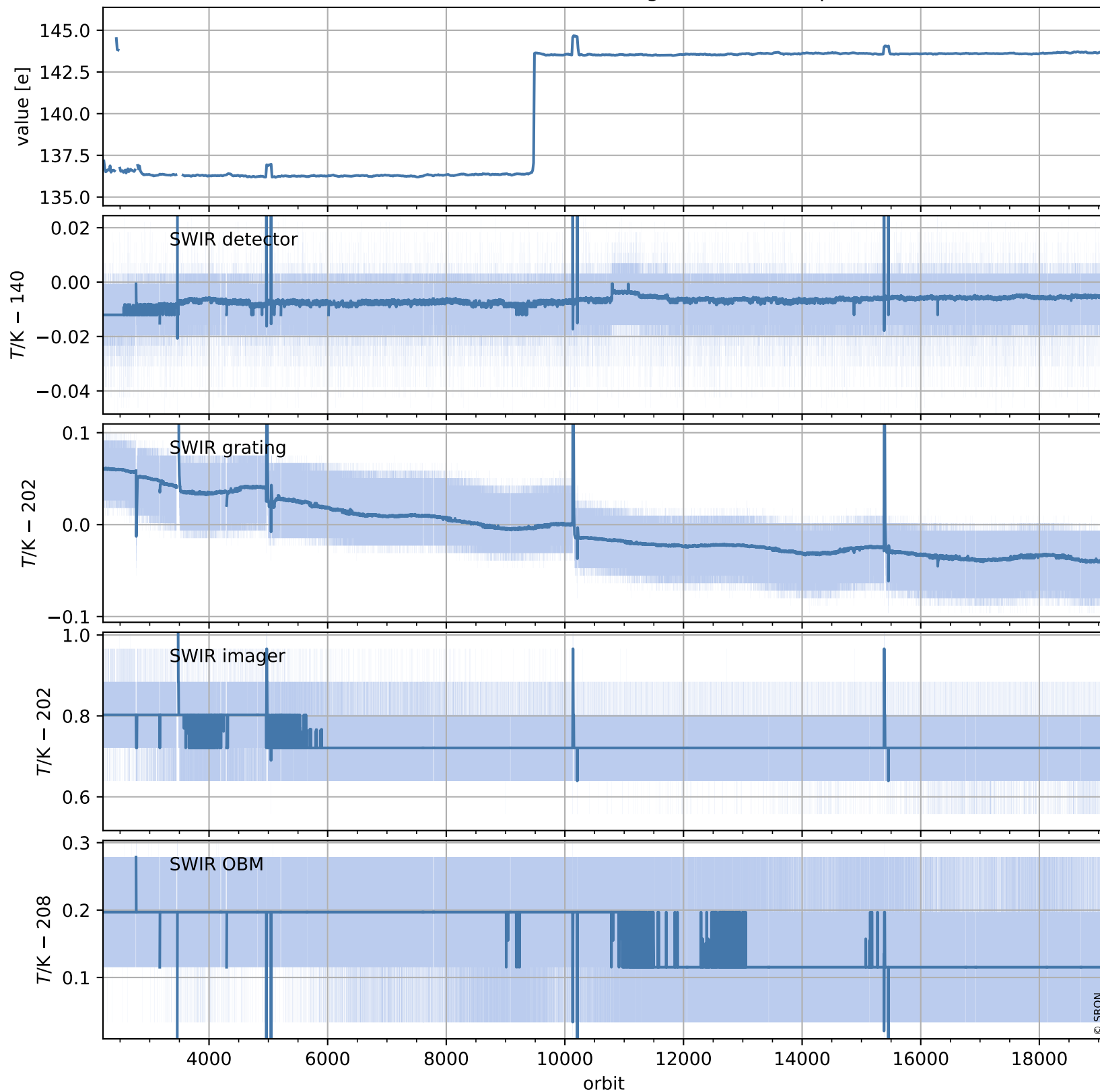
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19102]
coverage : 2018-03-18 / 2021-06-20
created : 2023-08-21T16:03:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19102]
coverage : 2018-03-18 / 2021-06-20
created : 2023-08-21T16:03:21

trend of normalized read-noise & temperatures

