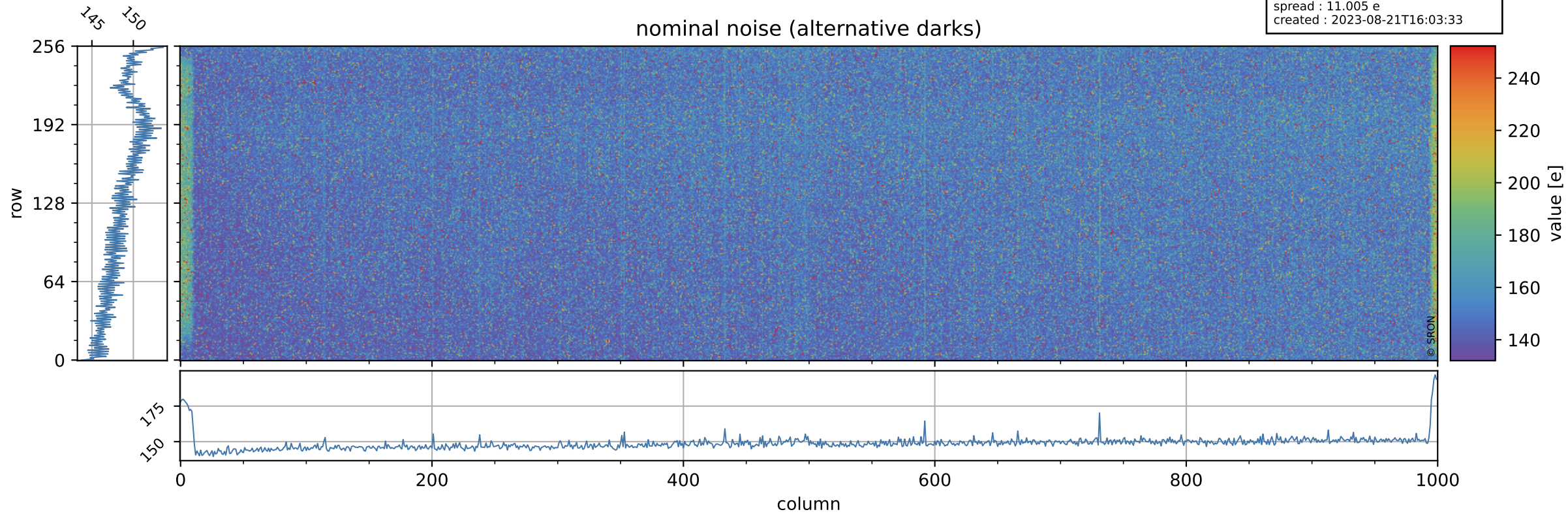


Tropomi SWIR background noise (swir)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 11.005 e
created : 2023-08-21T16:03:33

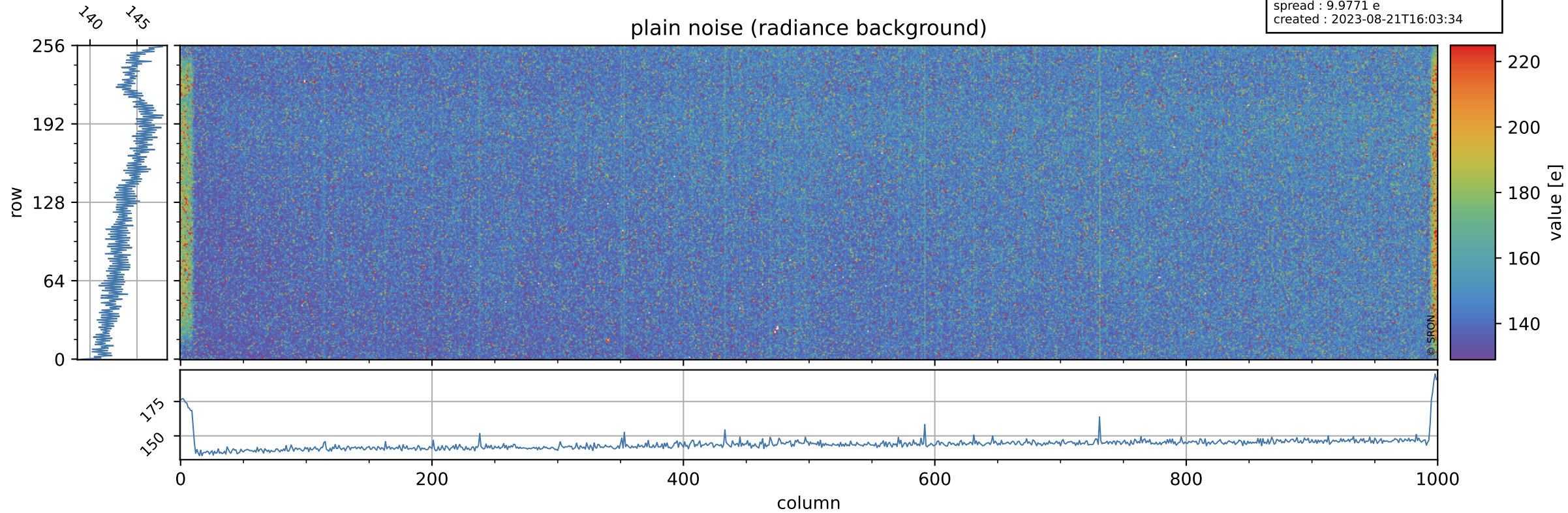
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9771 e
created : 2023-08-21T16:03:34

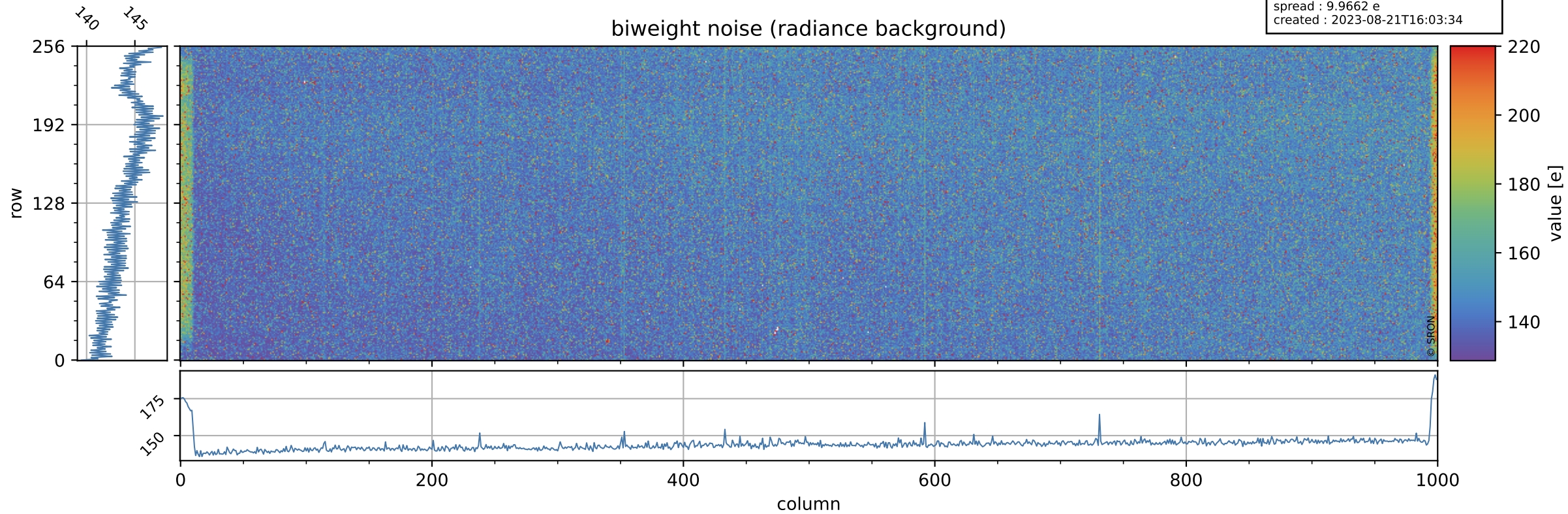
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9662 e
created : 2023-08-21T16:03:34

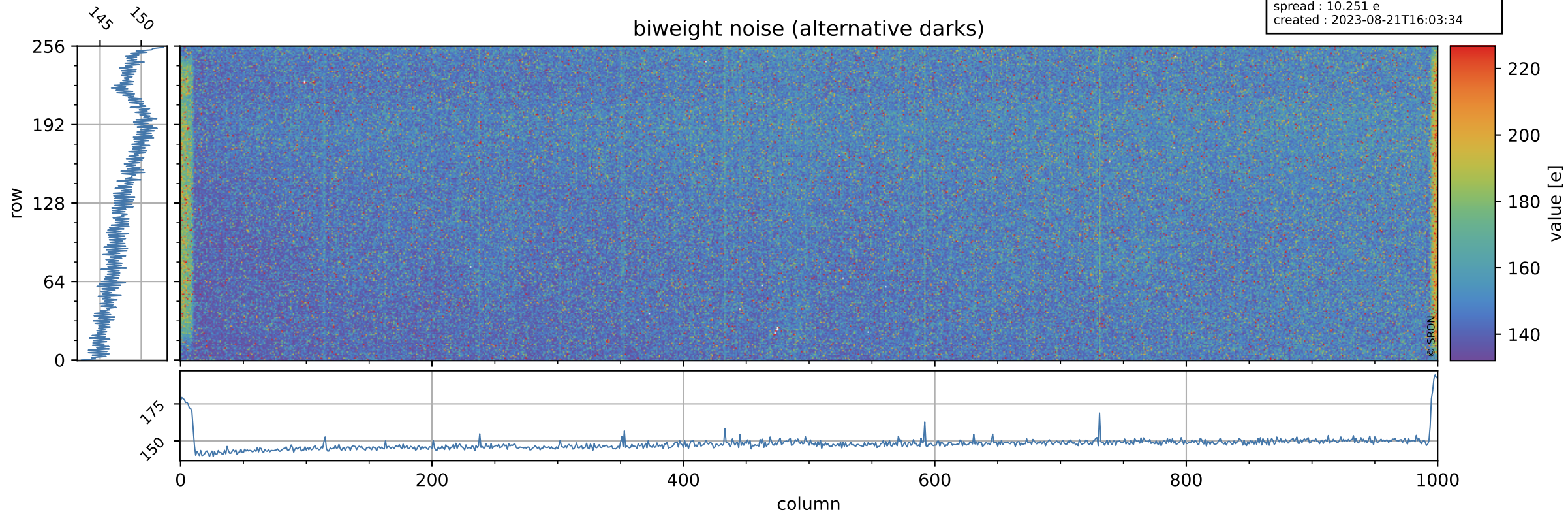
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.251 e
created : 2023-08-21T16:03:34

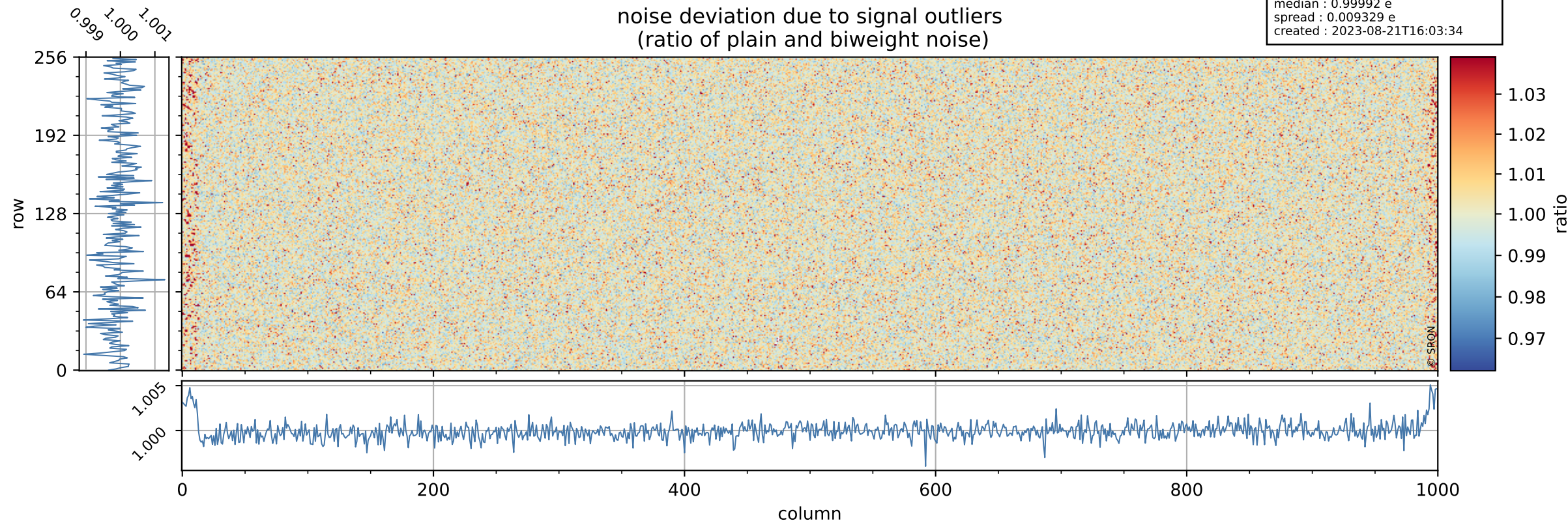
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

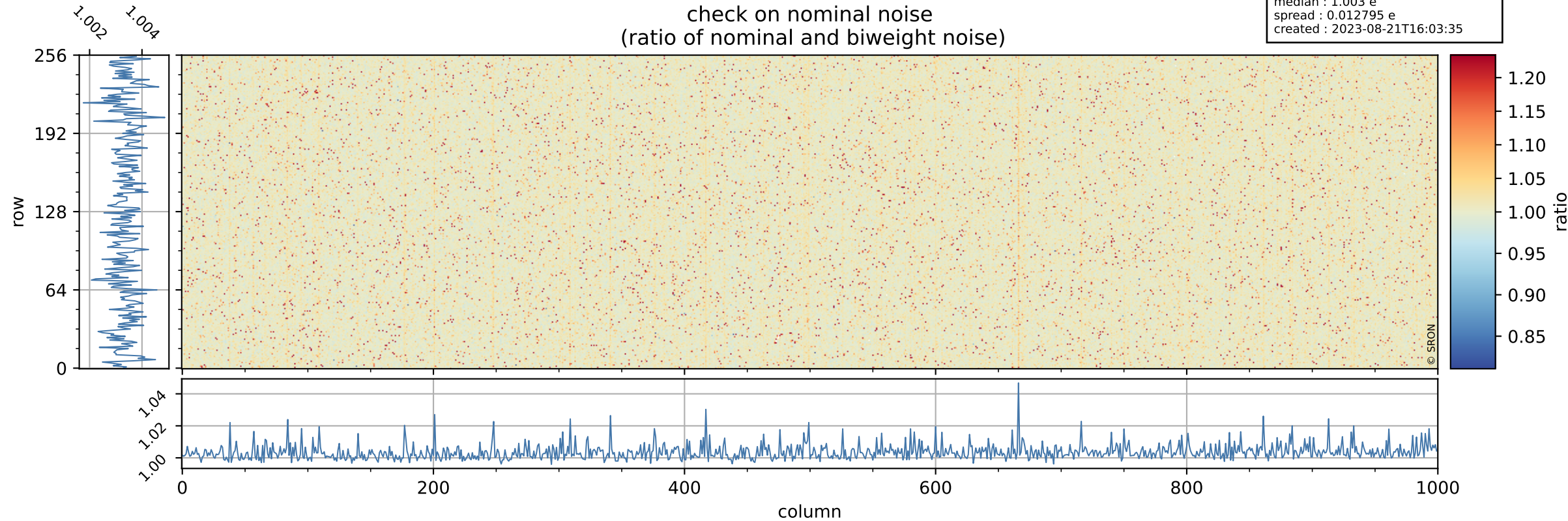
orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
median : 0.99992 e
spread : 0.009329 e
created : 2023-08-21T16:03:34



Tropomi SWIR background noise (swir)

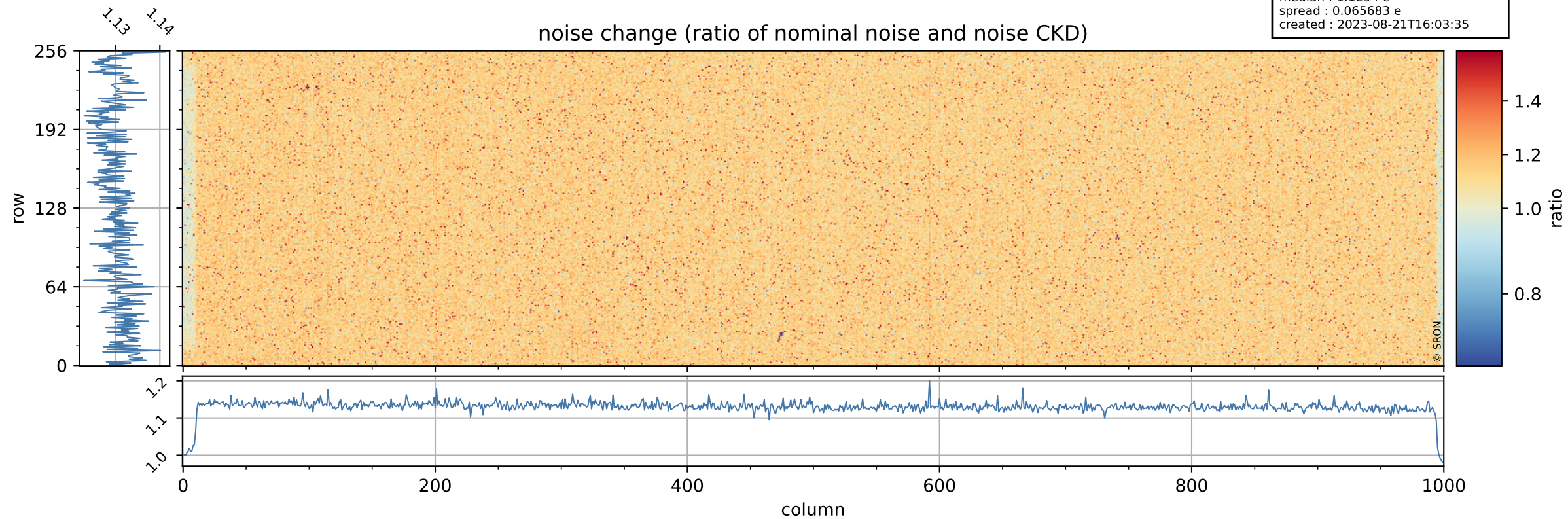
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
median : 1.003 e
spread : 0.012795 e
created : 2023-08-21T16:03:35



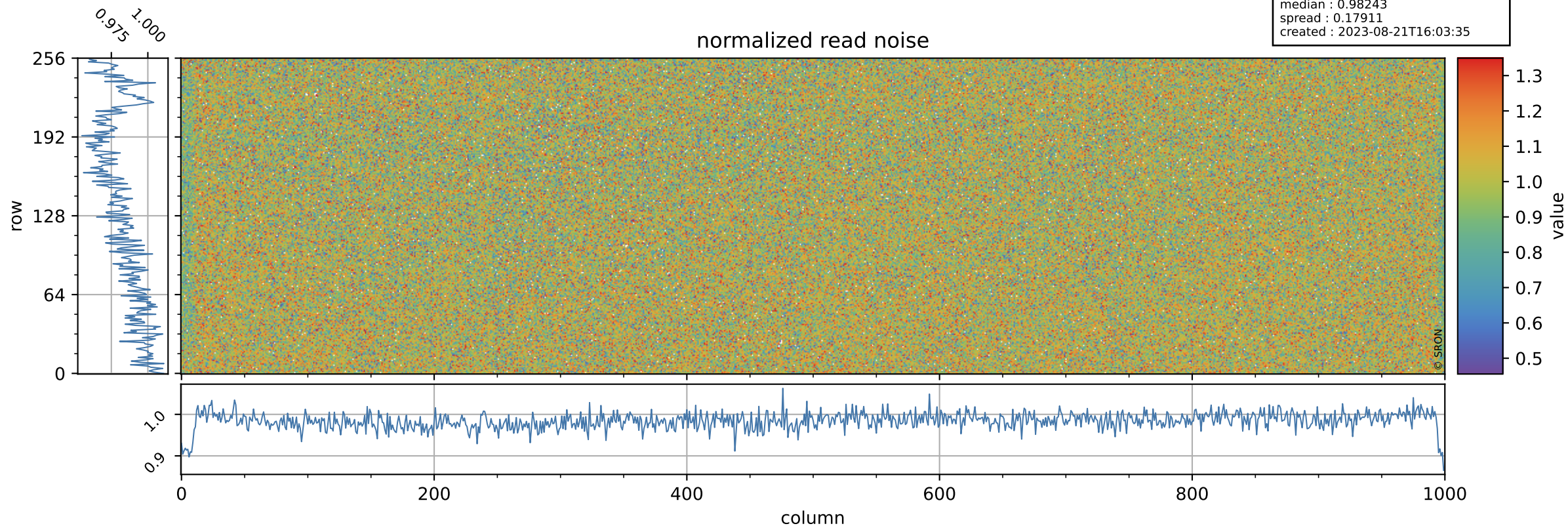
Tropomi SWIR background noise (swir)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
median : 1.1294 e
spread : 0.065683 e
created : 2023-08-21T16:03:35



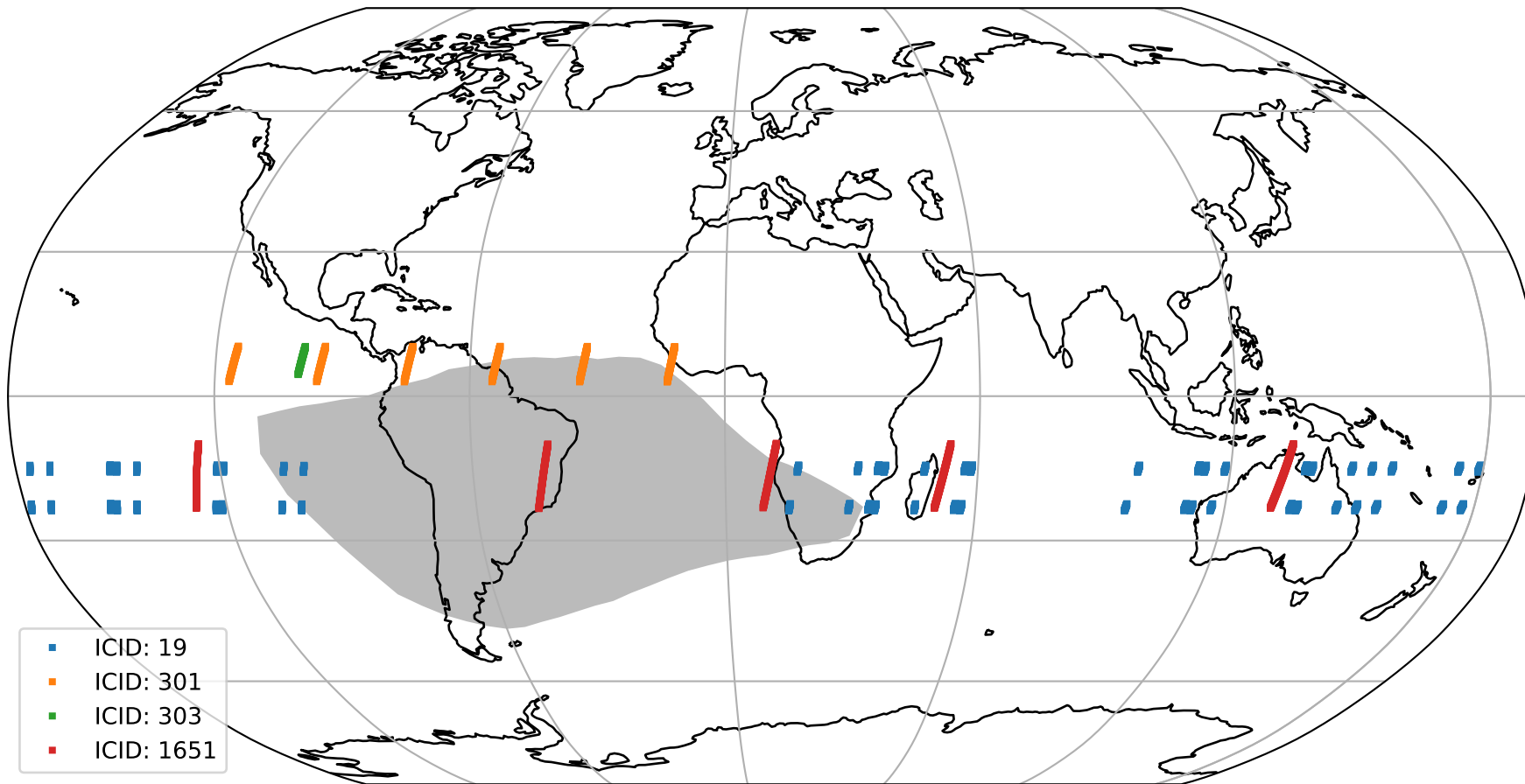
Tropomi SWIR background noise (swir)

orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
median : 0.98243
spread : 0.17911
created : 2023-08-21T16:03:35



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

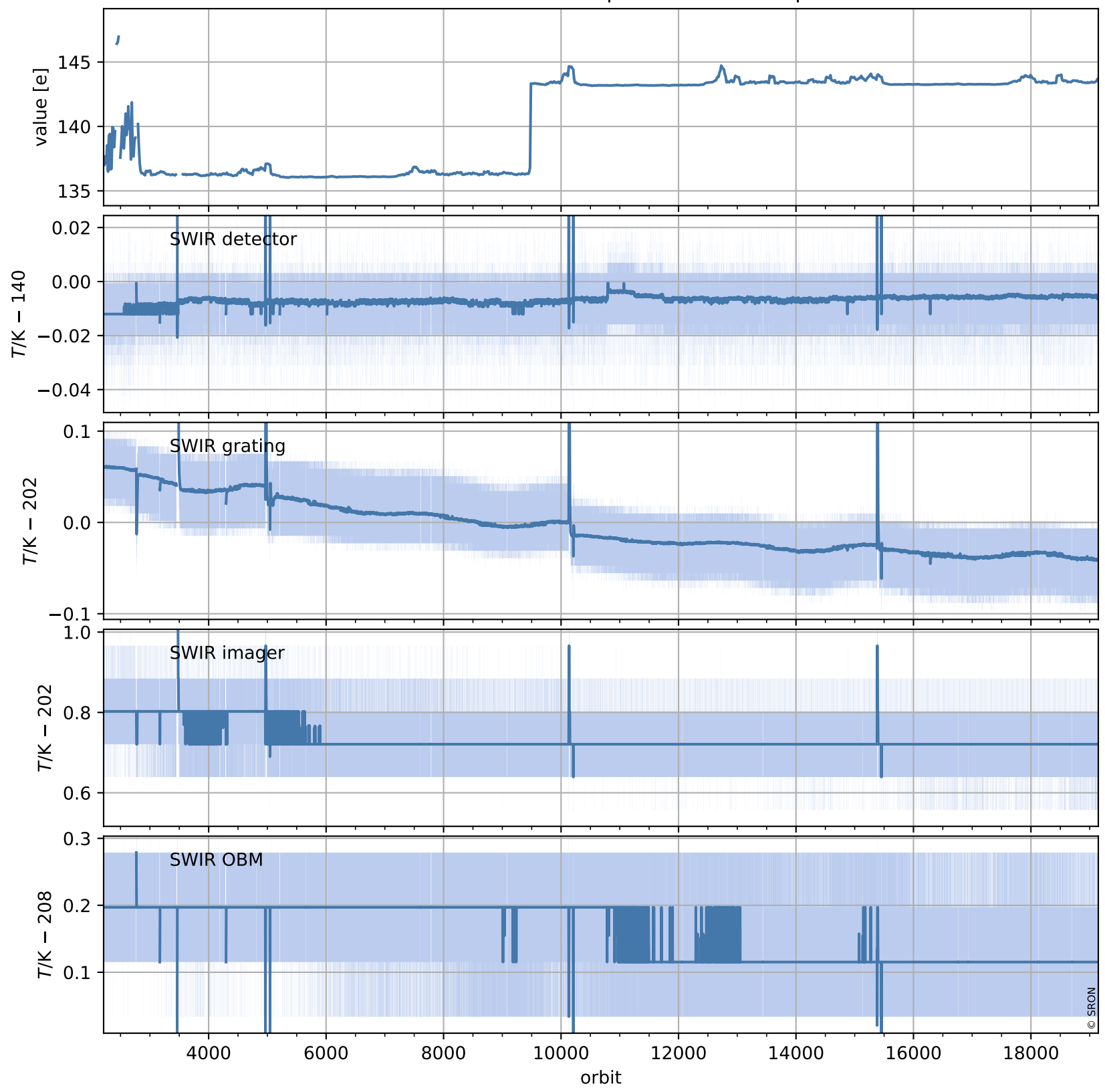
orbits : 12 in [19057, 19147]
coverage : 2021-06-18 / 2021-06-24
created : 2023-08-21T16:03:36



Tropomi SWIR background noise (swir)

orbits : [2212, 19147]
coverage : 2018-03-18 / 2021-06-24
created : 2023-08-21T16:03:36

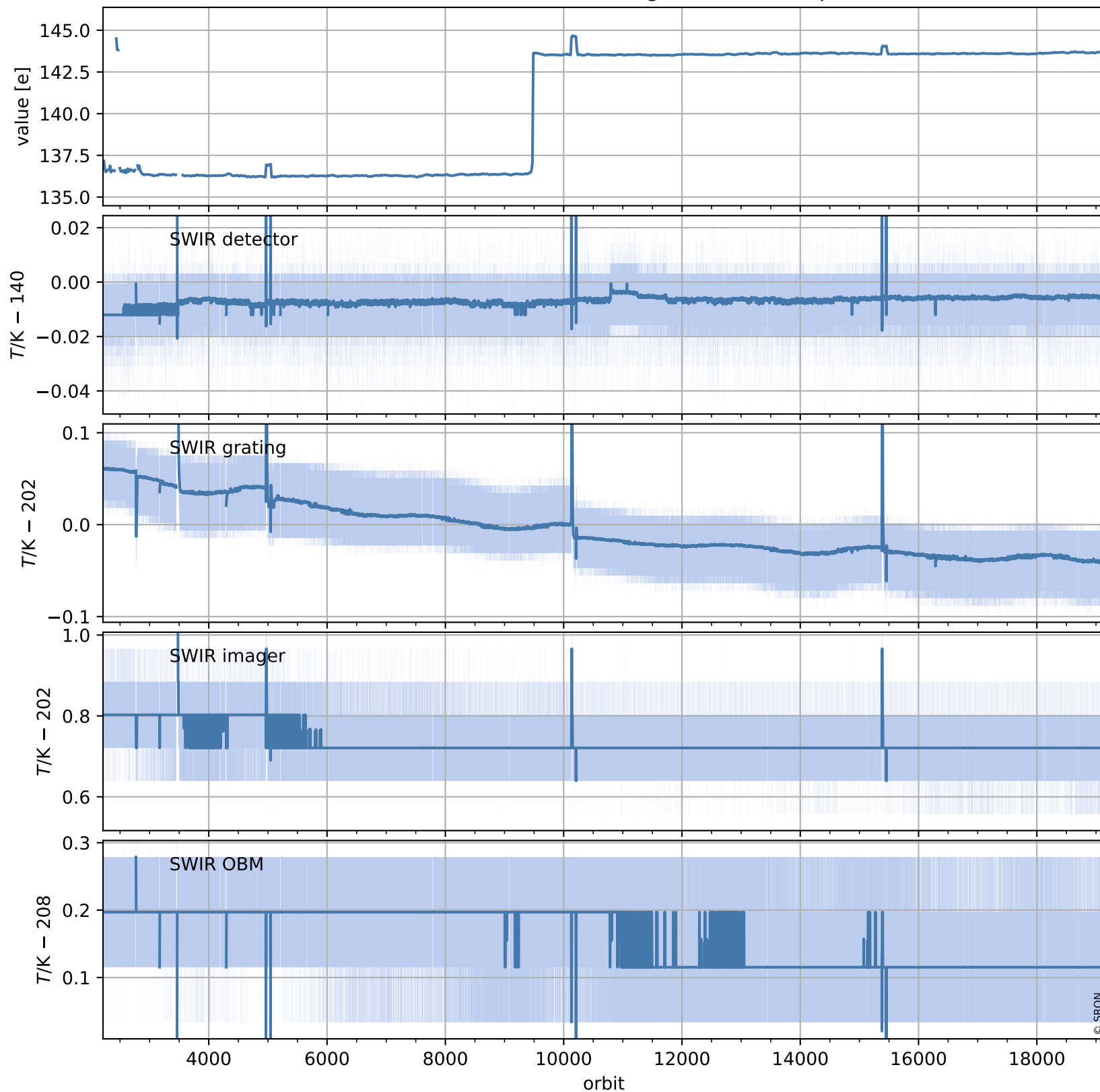
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19147]
coverage : 2018-03-18 / 2021-06-24
created : 2023-08-21T16:03:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19147]
coverage : 2018-03-18 / 2021-06-24
created : 2023-08-21T16:03:38

trend of normalized read-noise & temperatures

