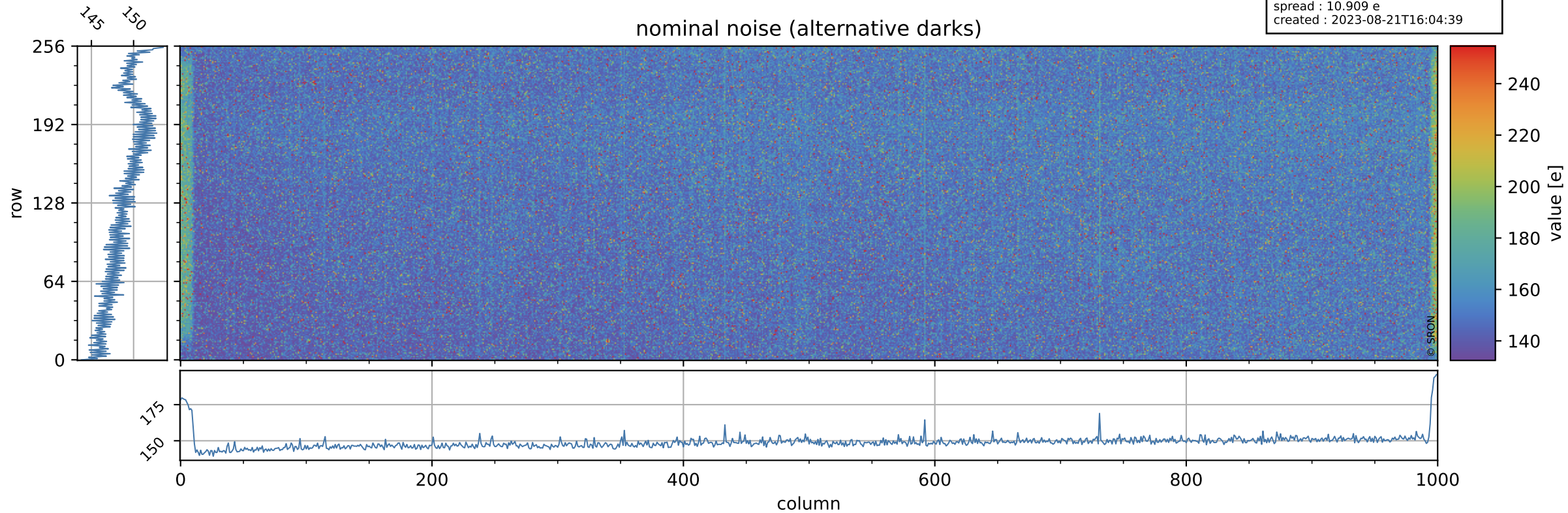


Tropomi SWIR background noise (swir)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.909 e
created : 2023-08-21T16:04:39

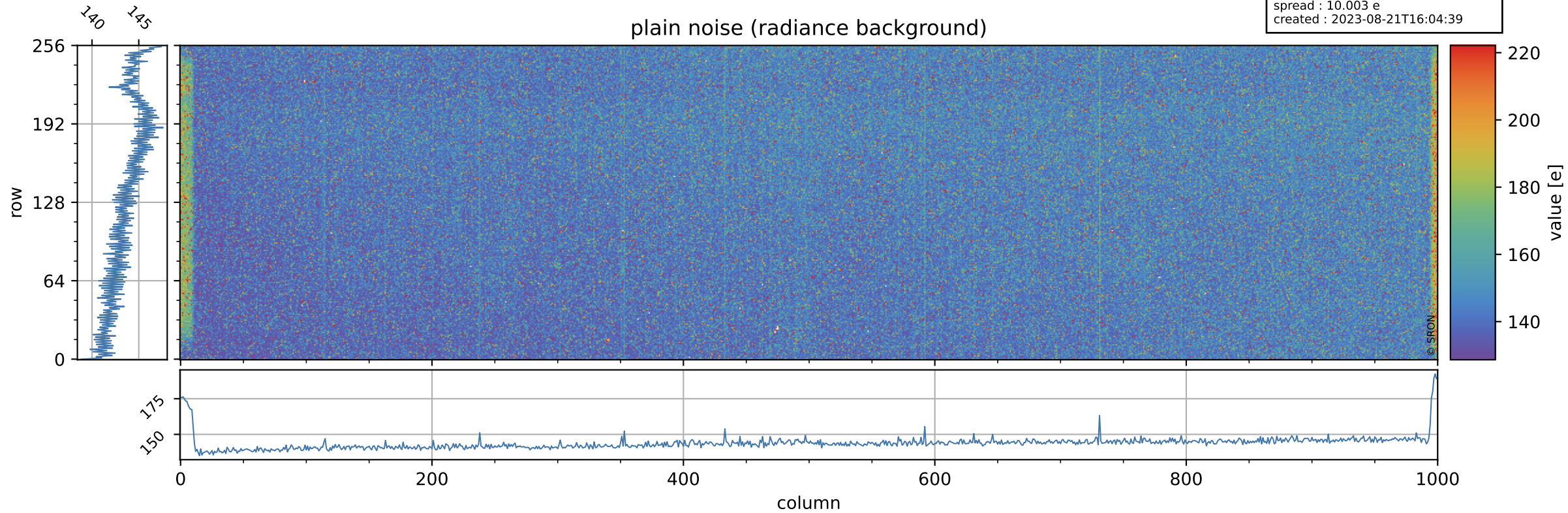
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 10.003 e
created : 2023-08-21T16:04:39

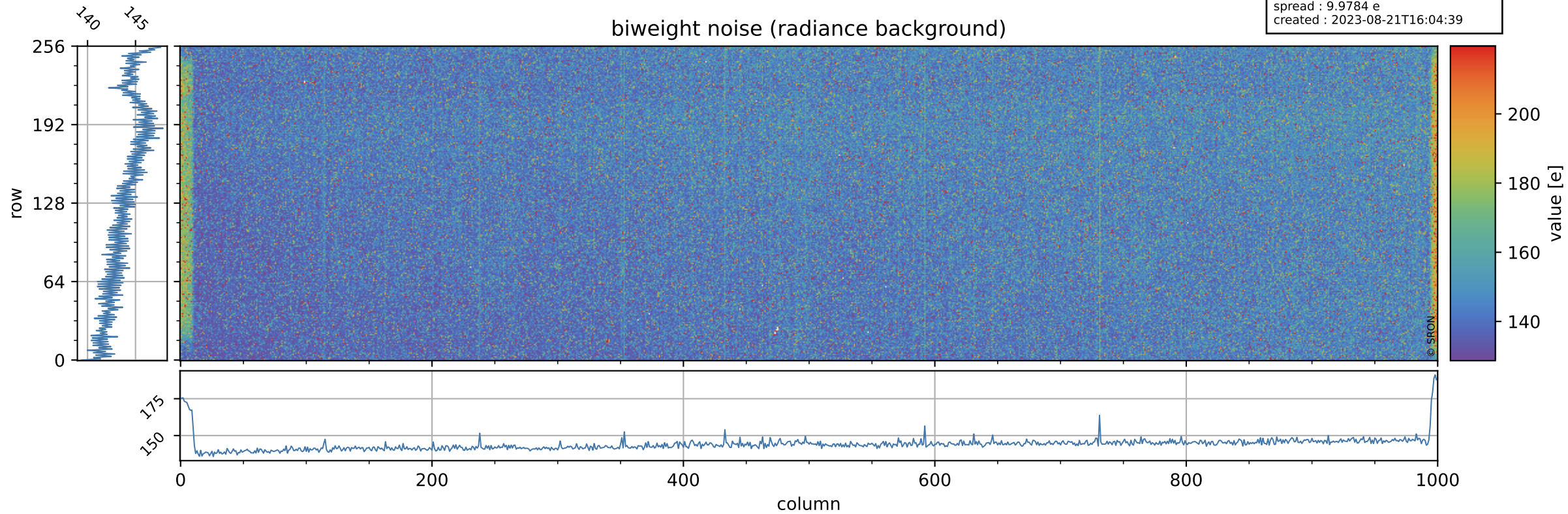
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9784 e
created : 2023-08-21T16:04:39

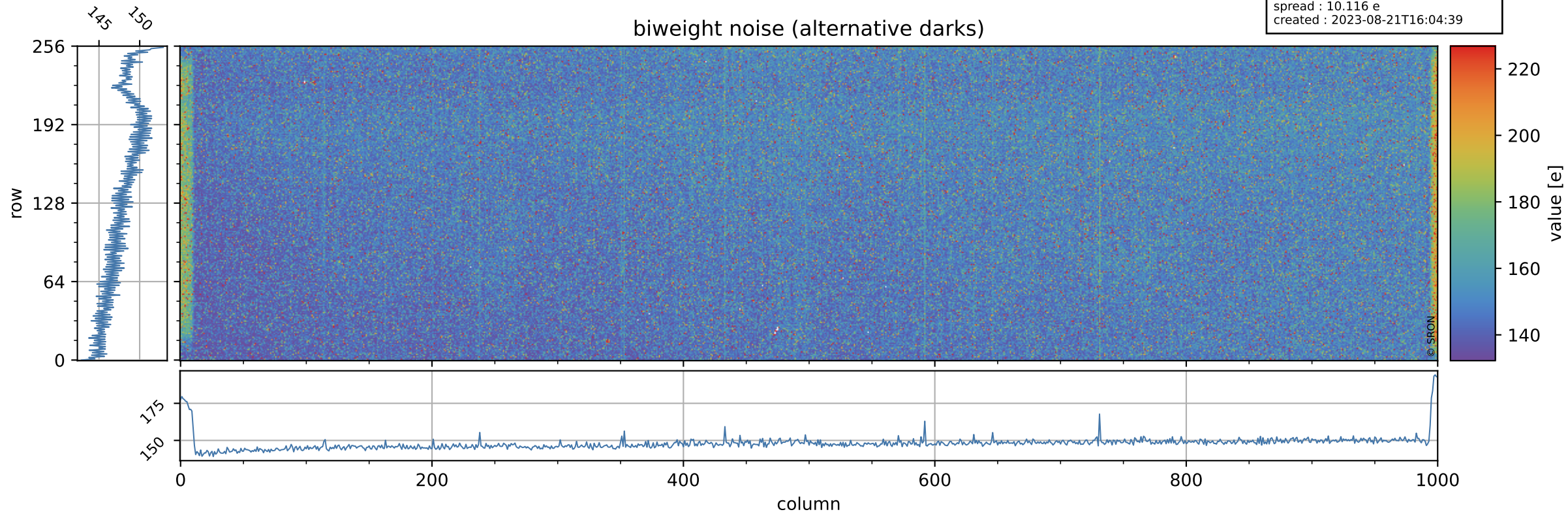
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.116 e
created : 2023-08-21T16:04:39

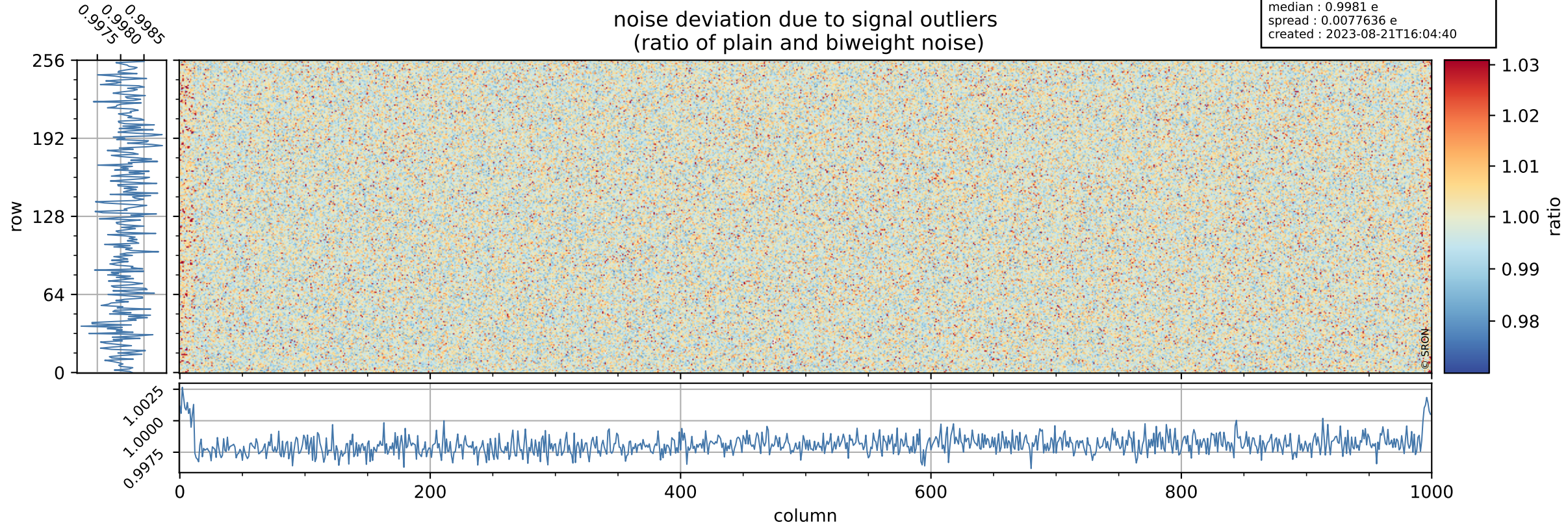
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

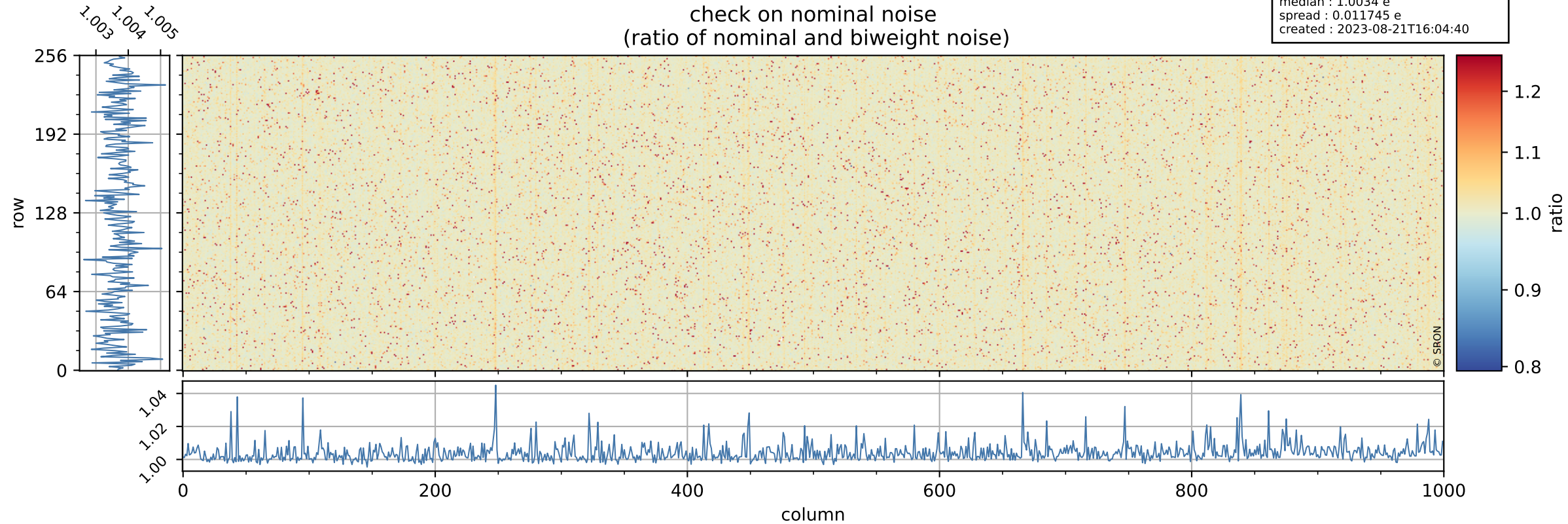
orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
median : 0.9981 e
spread : 0.0077636 e
created : 2023-08-21T16:04:40



Tropomi SWIR background noise (swir)

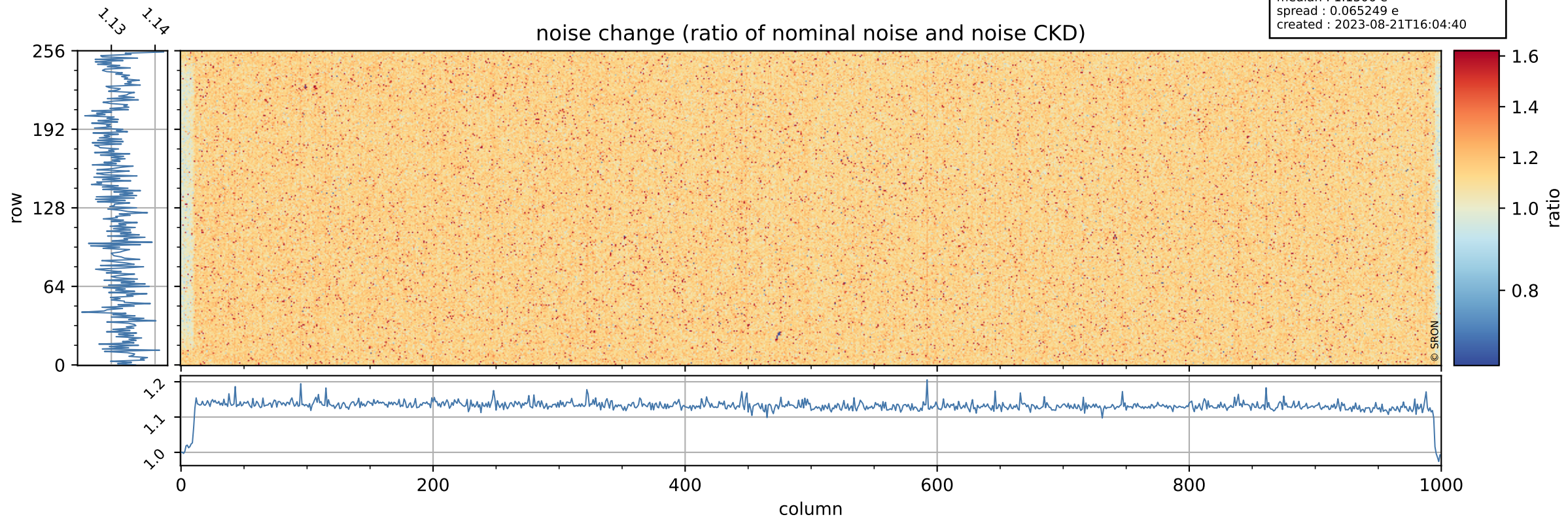
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
median : 1.0034 e
spread : 0.011745 e
created : 2023-08-21T16:04:40



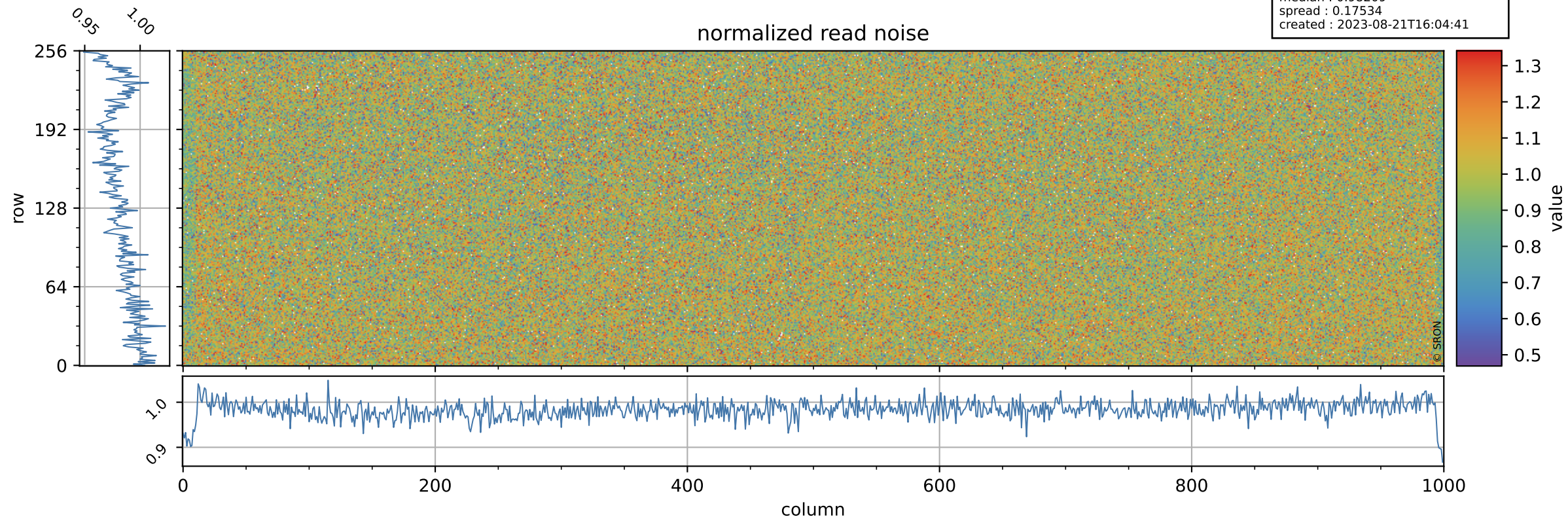
Tropomi SWIR background noise (swir)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
median : 1.1306 e
spread : 0.065249 e
created : 2023-08-21T16:04:40



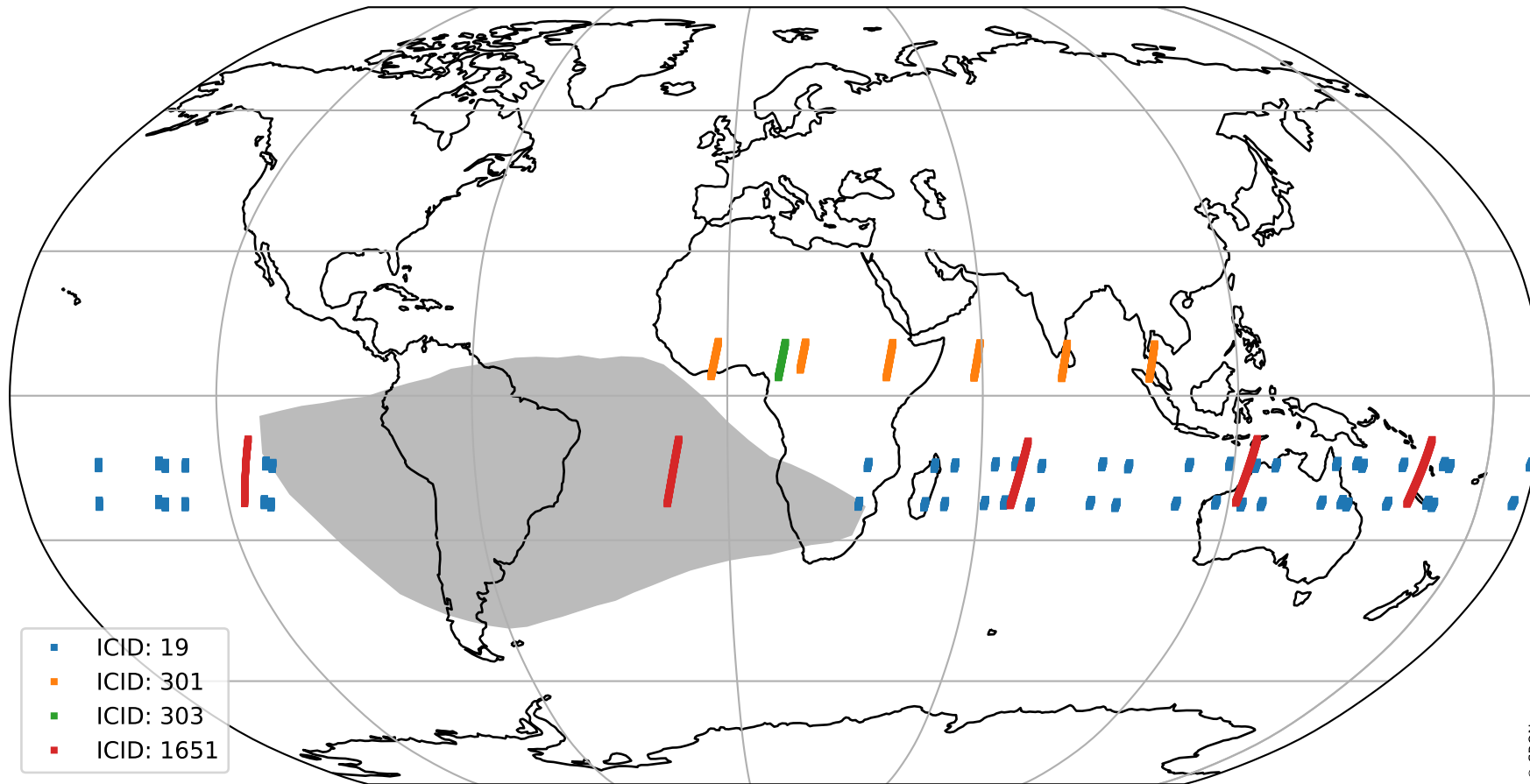
Tropomi SWIR background noise (swir)

orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
median : 0.98209
spread : 0.17534
created : 2023-08-21T16:04:41



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

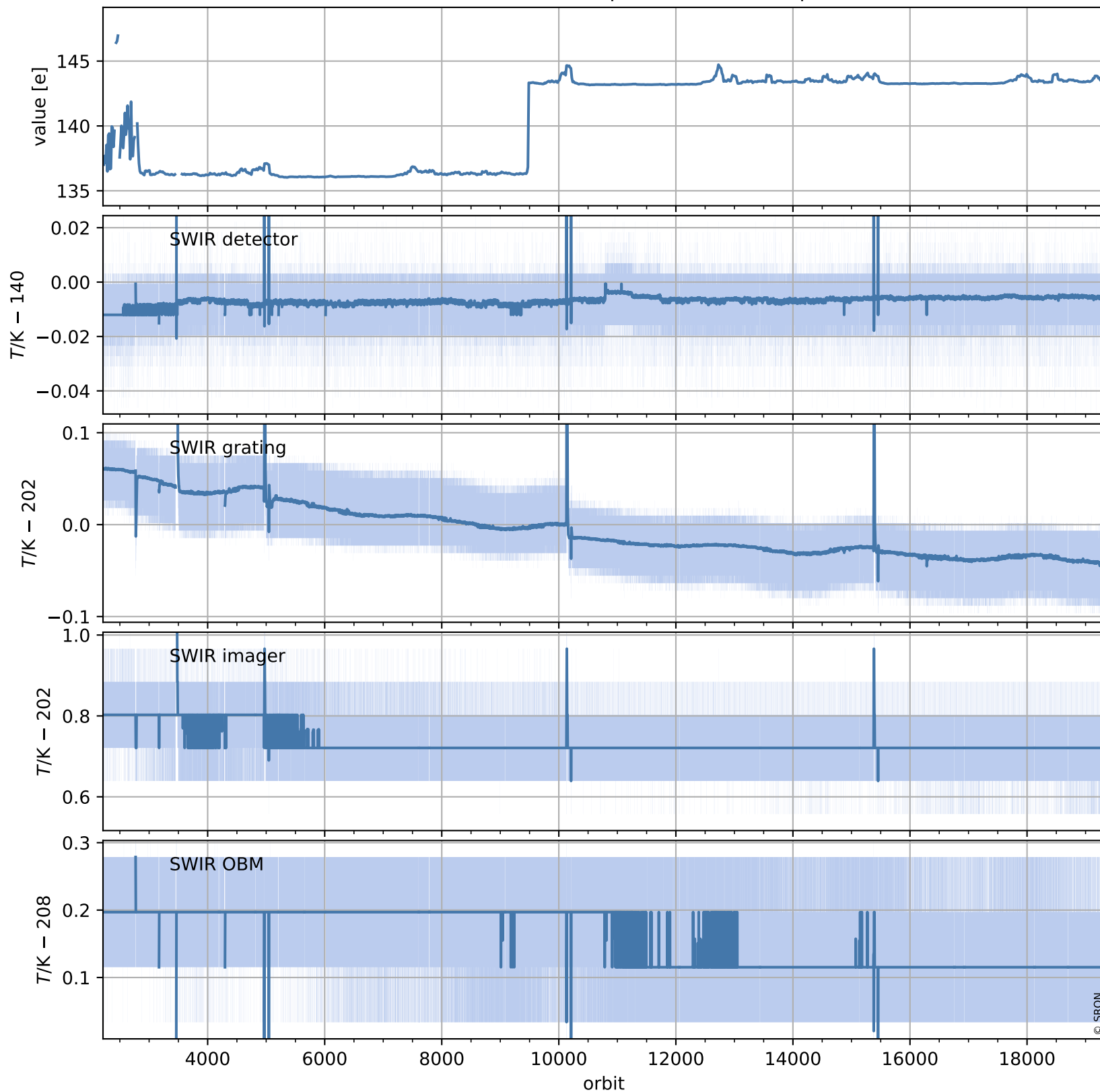
orbits : 12 in [19237, 19327]
coverage : 2021-06-30 / 2021-07-06
created : 2023-08-21T16:04:41



Tropomi SWIR background noise (swir)

orbits : [2212, 19327]
coverage : 2018-03-18 / 2021-07-06
created : 2023-08-21T16:04:41

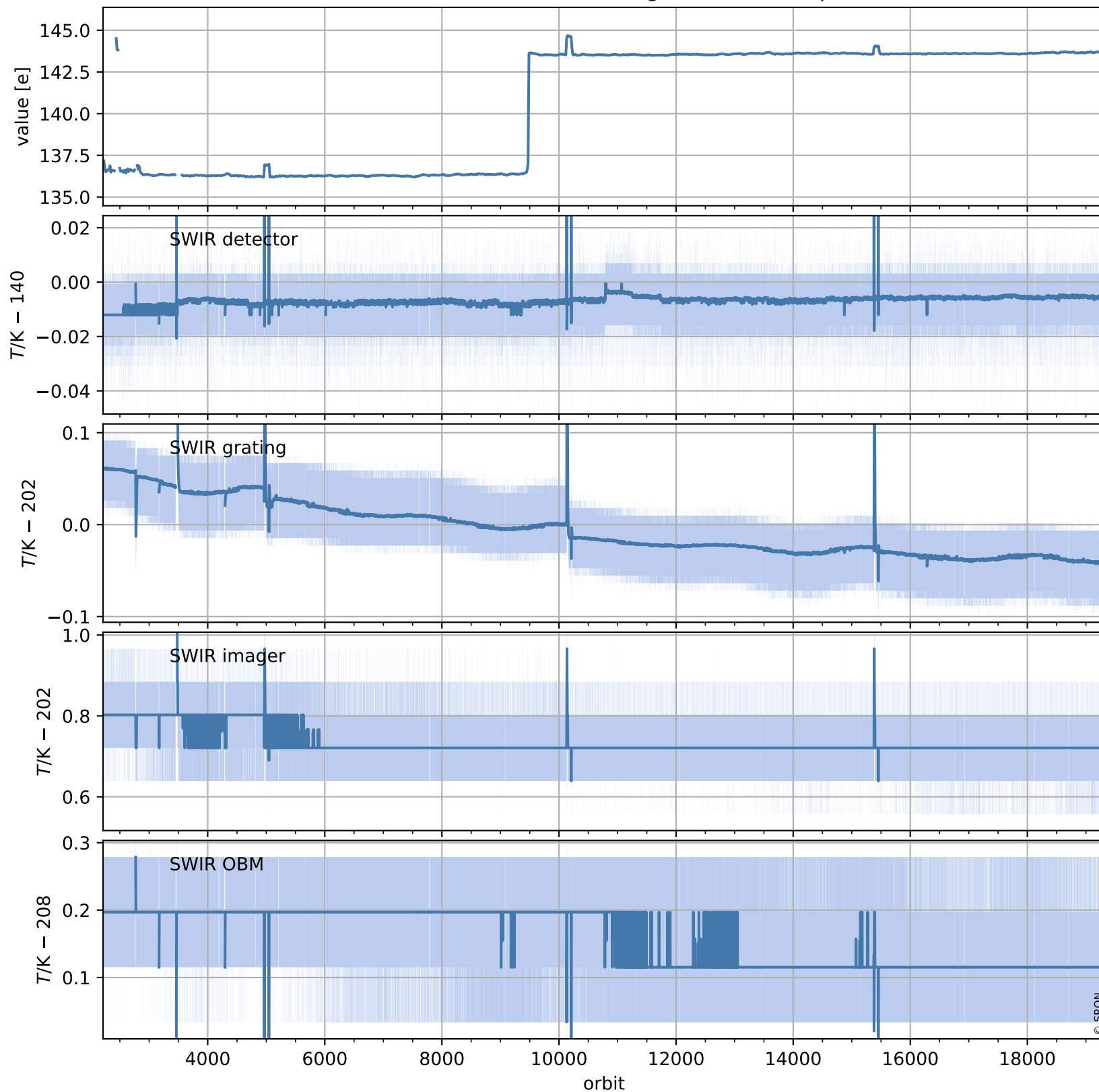
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19327]
coverage : 2018-03-18 / 2021-07-06
created : 2023-08-21T16:04:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19327]
coverage : 2018-03-18 / 2021-07-06
created : 2023-08-21T16:04:43

trend of normalized read-noise & temperatures

