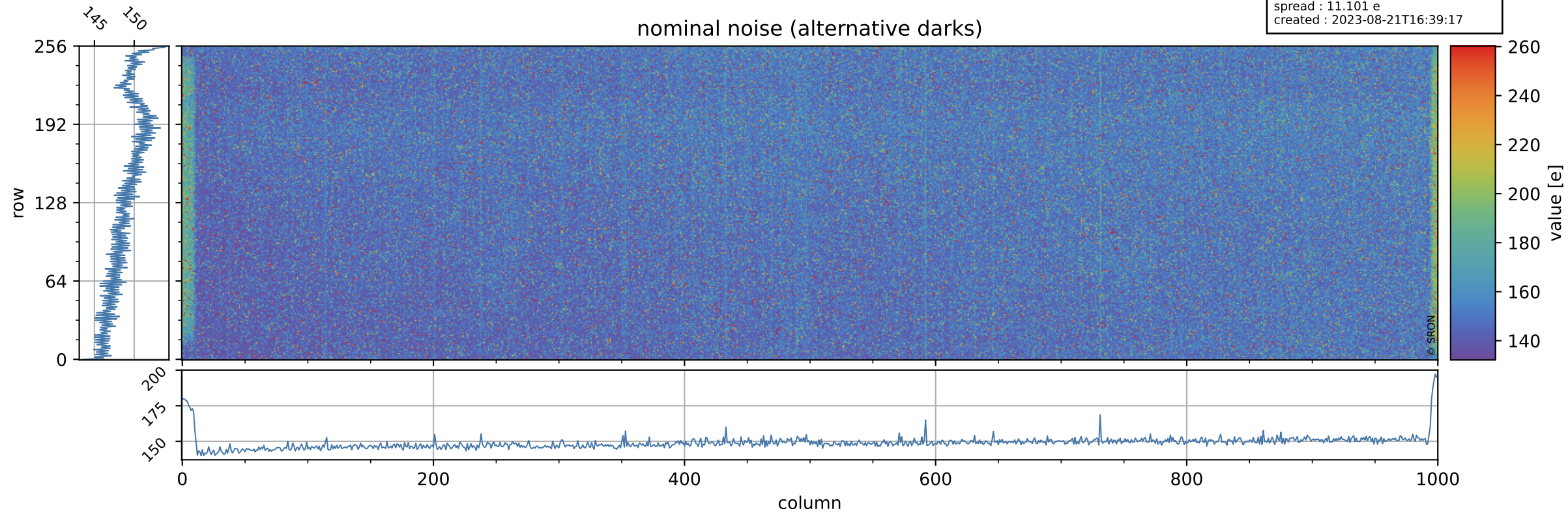


Tropomi SWIR background noise (swir)

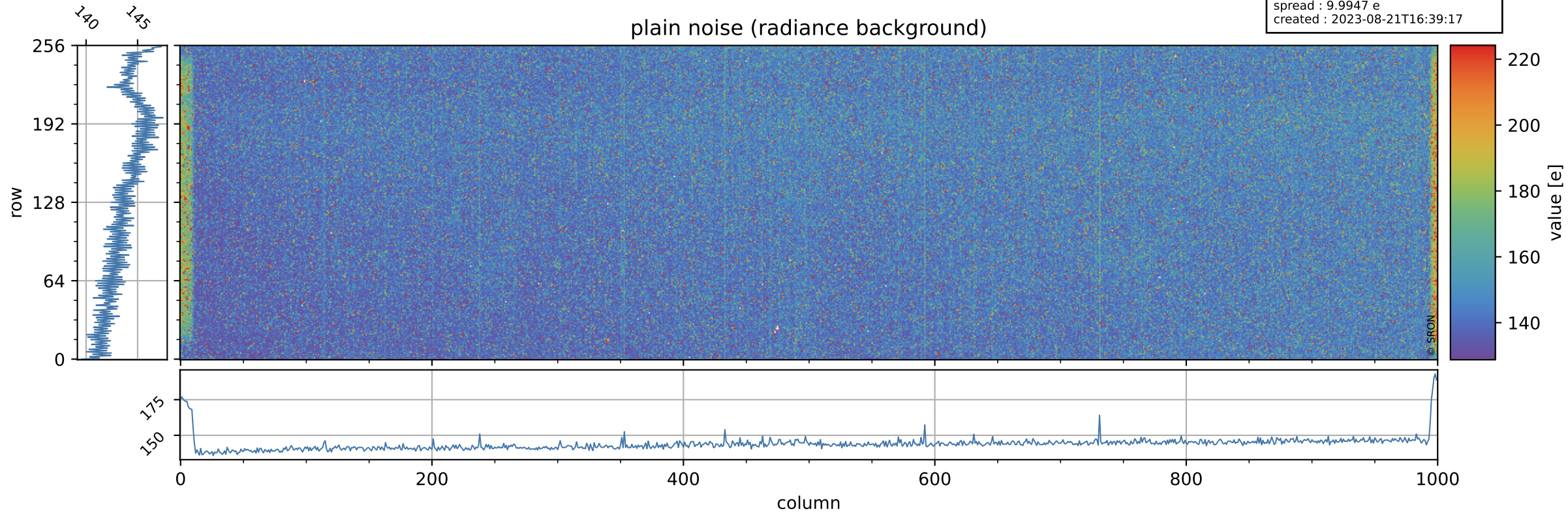
orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.101 e
created : 2023-08-21T16:39:17



Tropomi SWIR background noise (swir)

orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.9947 e
created : 2023-08-21T16:39:17

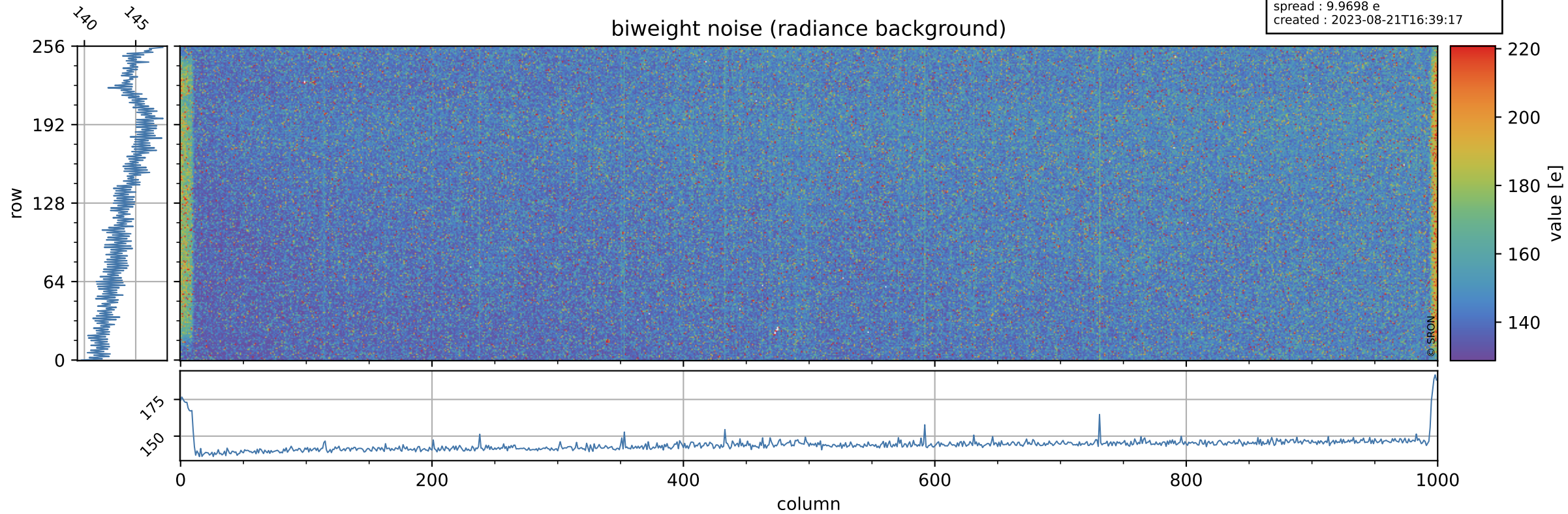
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9698 e
created : 2023-08-21T16:39:17

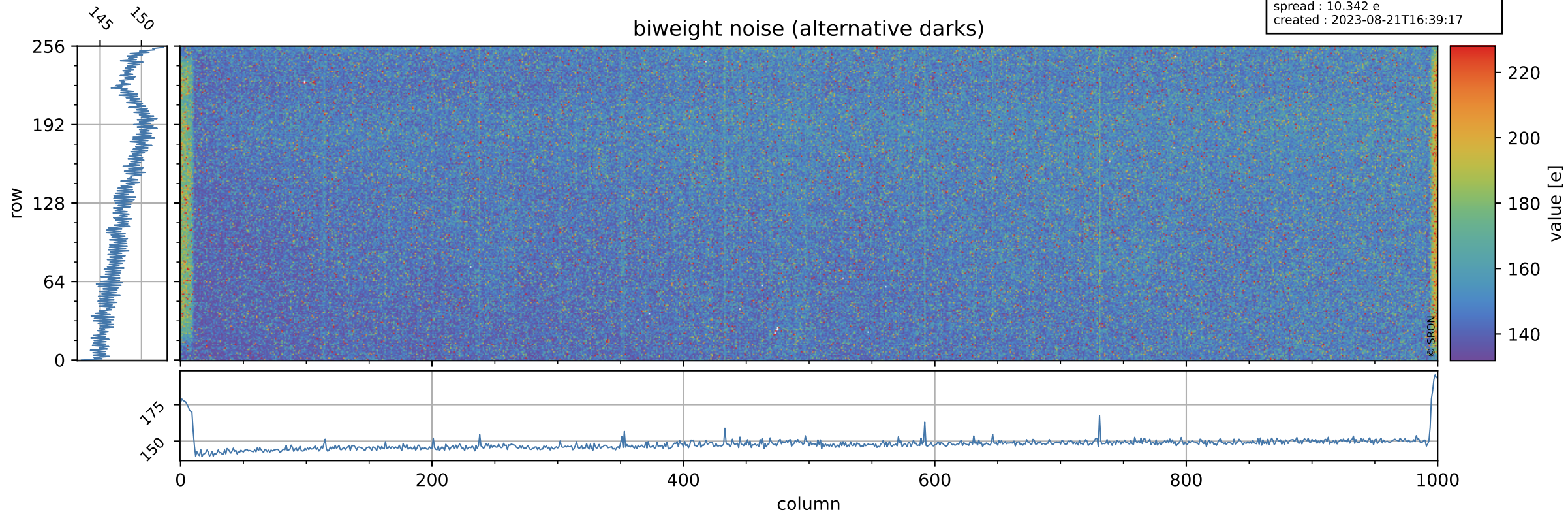
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.342 e
created : 2023-08-21T16:39:17

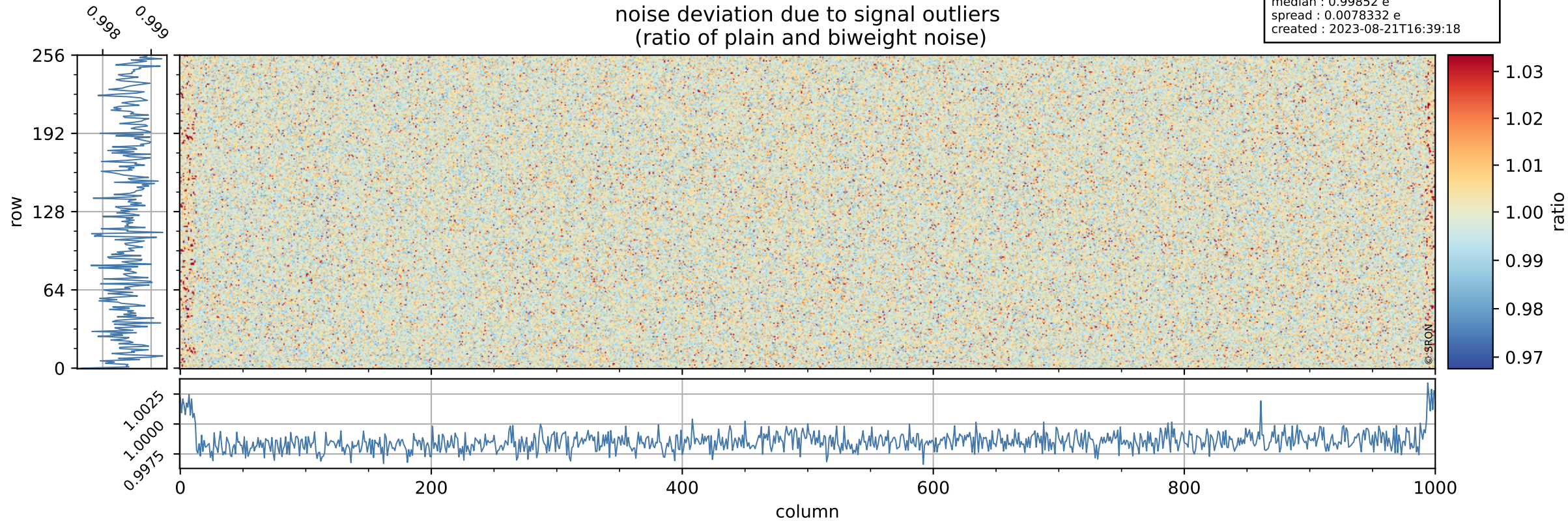
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

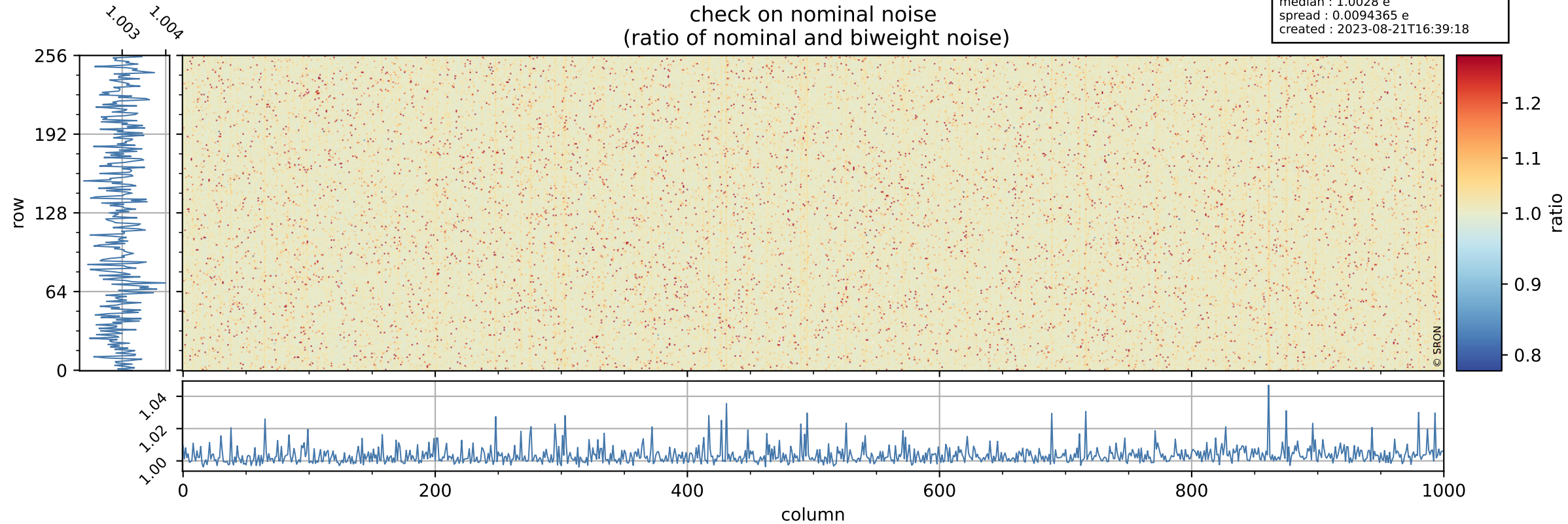
orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
median : 0.99852 e
spread : 0.0078332 e
created : 2023-08-21T16:39:18



Tropomi SWIR background noise (swir)

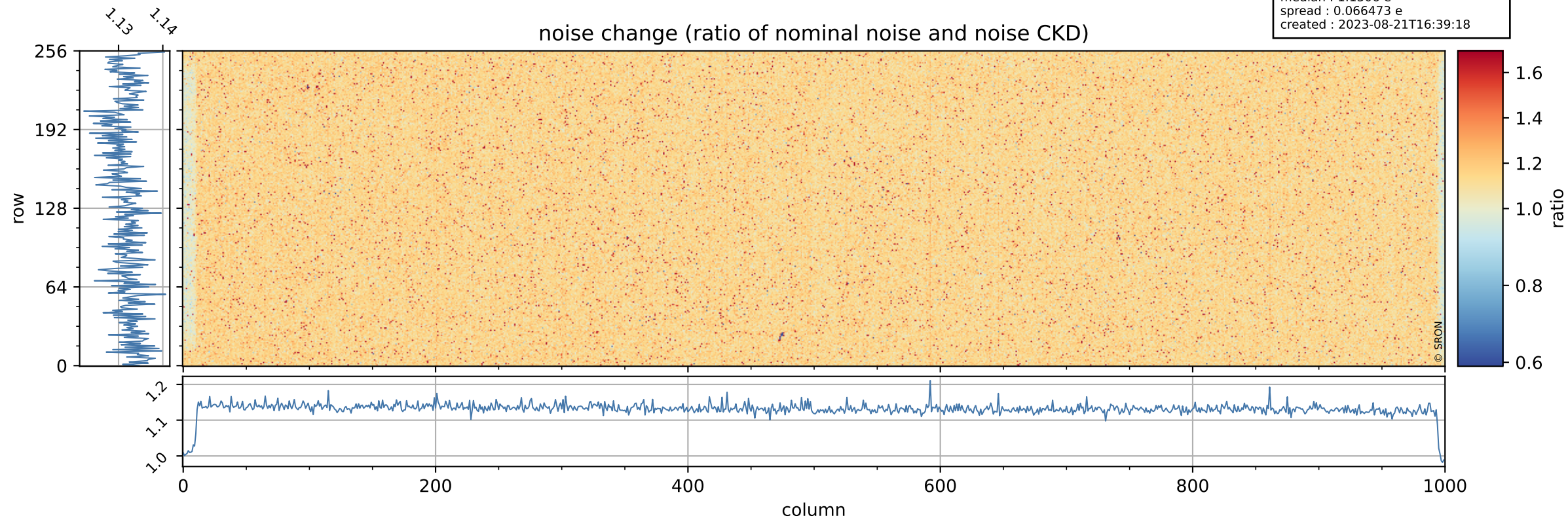
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
median : 1.0028 e
spread : 0.0094365 e
created : 2023-08-21T16:39:18



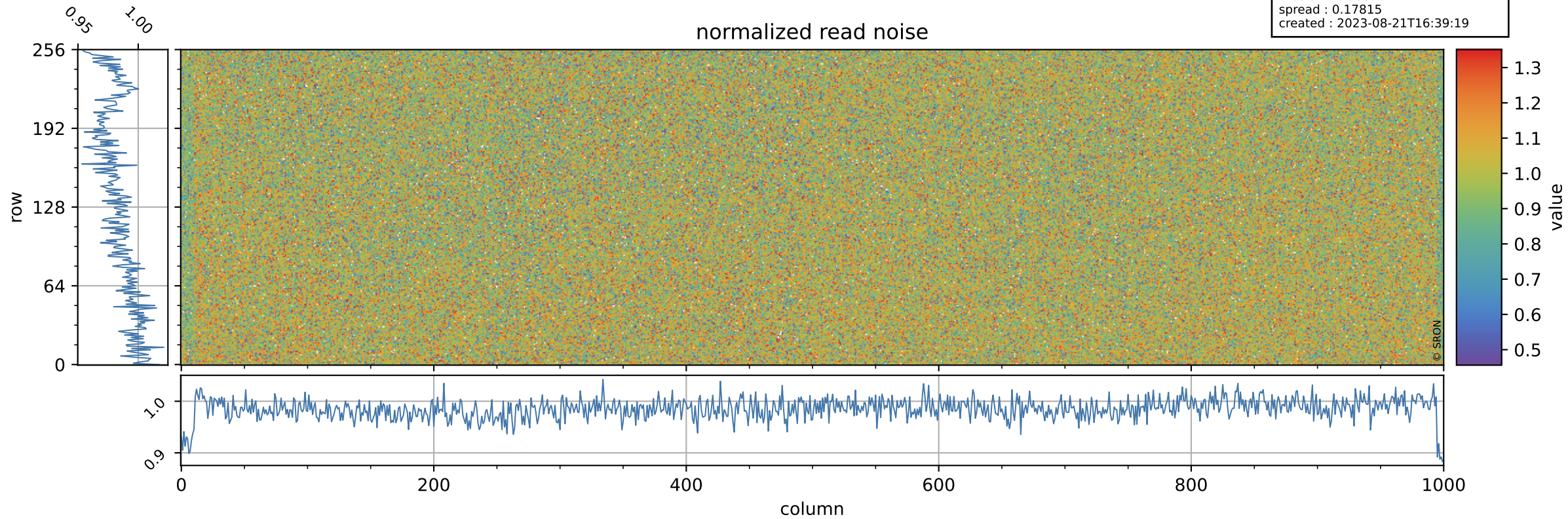
Tropomi SWIR background noise (swir)

orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
median : 1.1306 e
spread : 0.066473 e
created : 2023-08-21T16:39:18



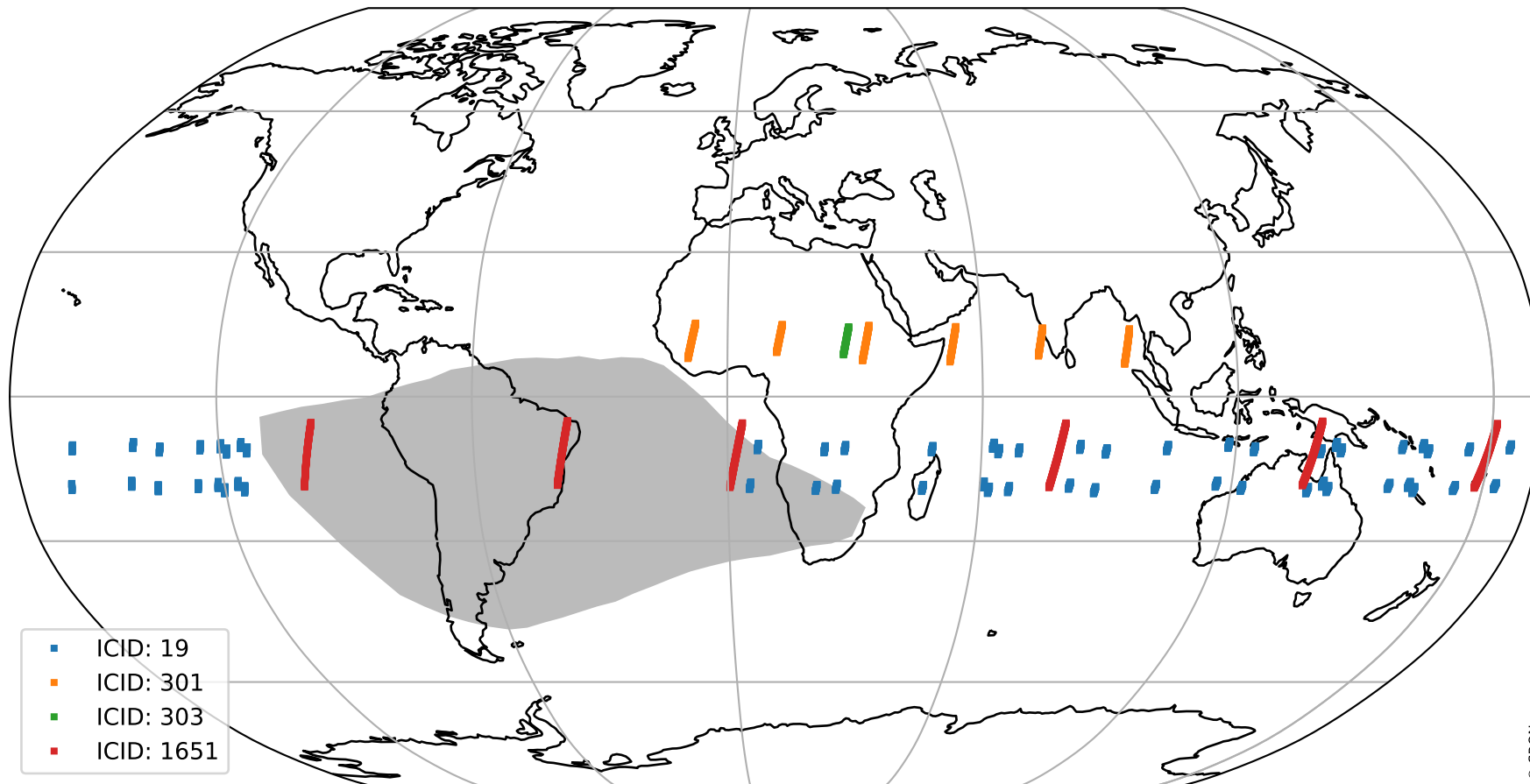
Tropomi SWIR background noise (swir)

orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
median : 0.98325
spread : 0.17815
created : 2023-08-21T16:39:19



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

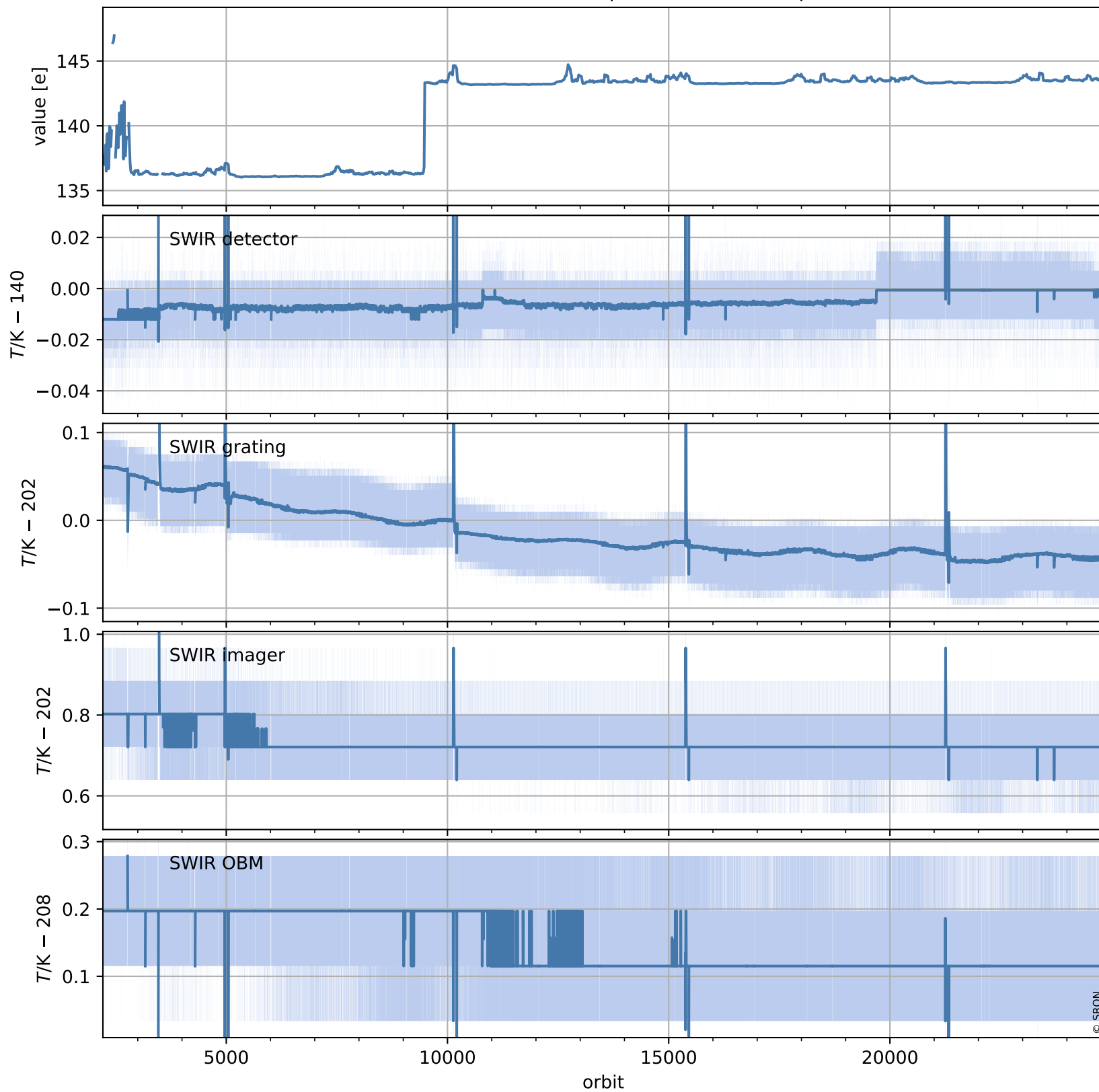
orbits : 13 in [24742, 24832]
coverage : 2022-07-23 / 2022-07-29
created : 2023-08-21T16:39:19



Tropomi SWIR background noise (swir)

orbits : [2212, 24832]
coverage : 2018-03-18 / 2022-07-29
created : 2023-08-21T16:39:19

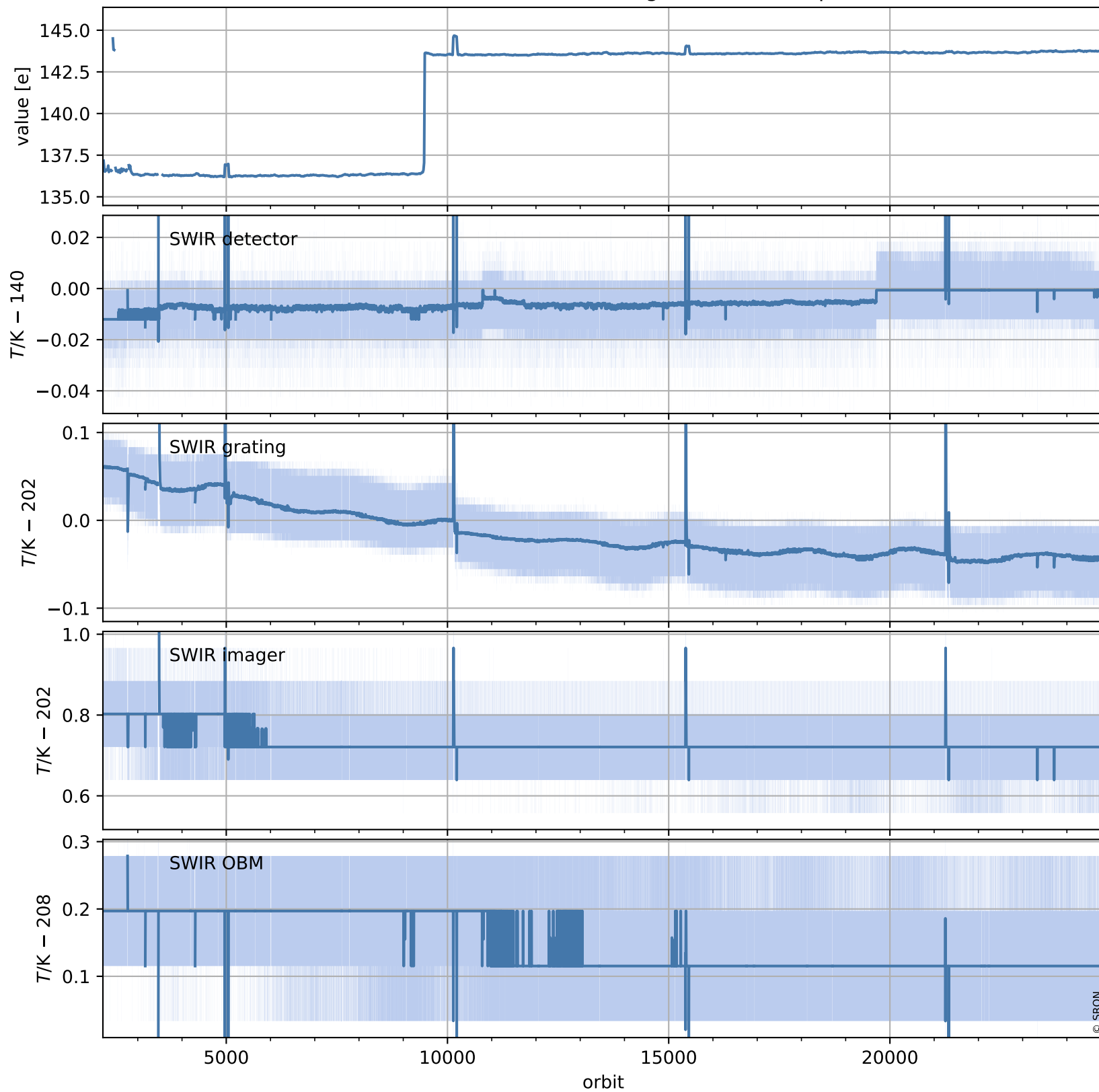
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24832]
coverage : 2018-03-18 / 2022-07-29
created : 2023-08-21T16:39:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24832]
coverage : 2018-03-18 / 2022-07-29
created : 2023-08-21T16:39:21

trend of normalized read-noise & temperatures

