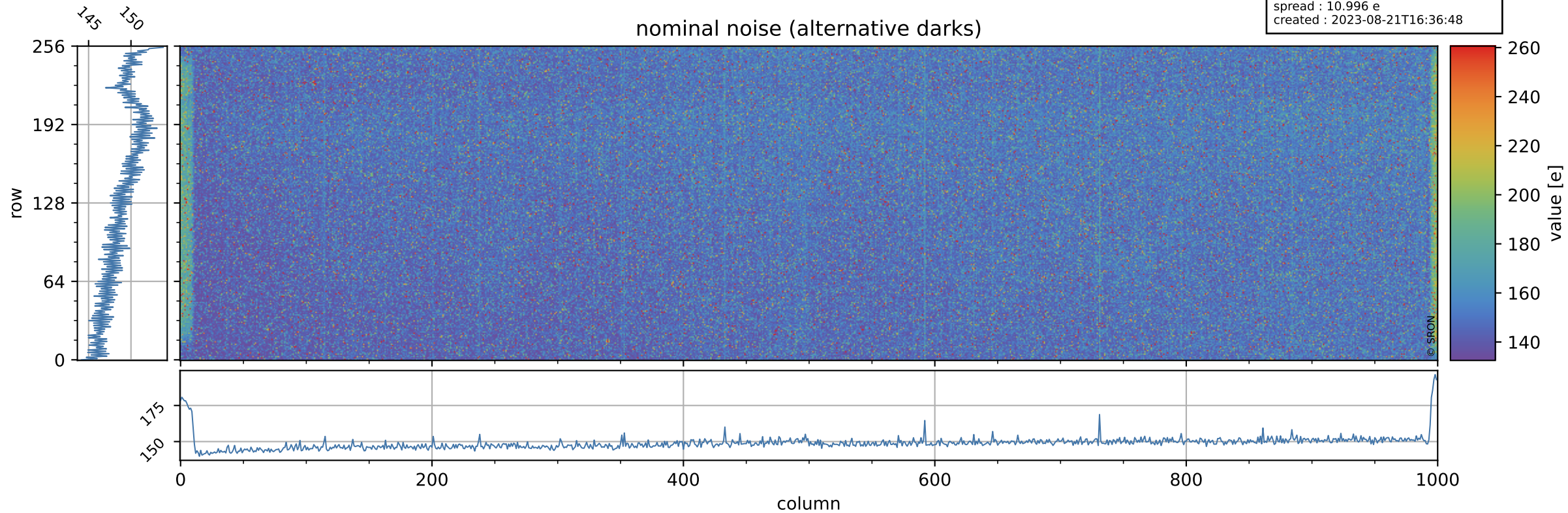


Tropomi SWIR background noise (swir)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 10.996 e
created : 2023-08-21T16:36:48

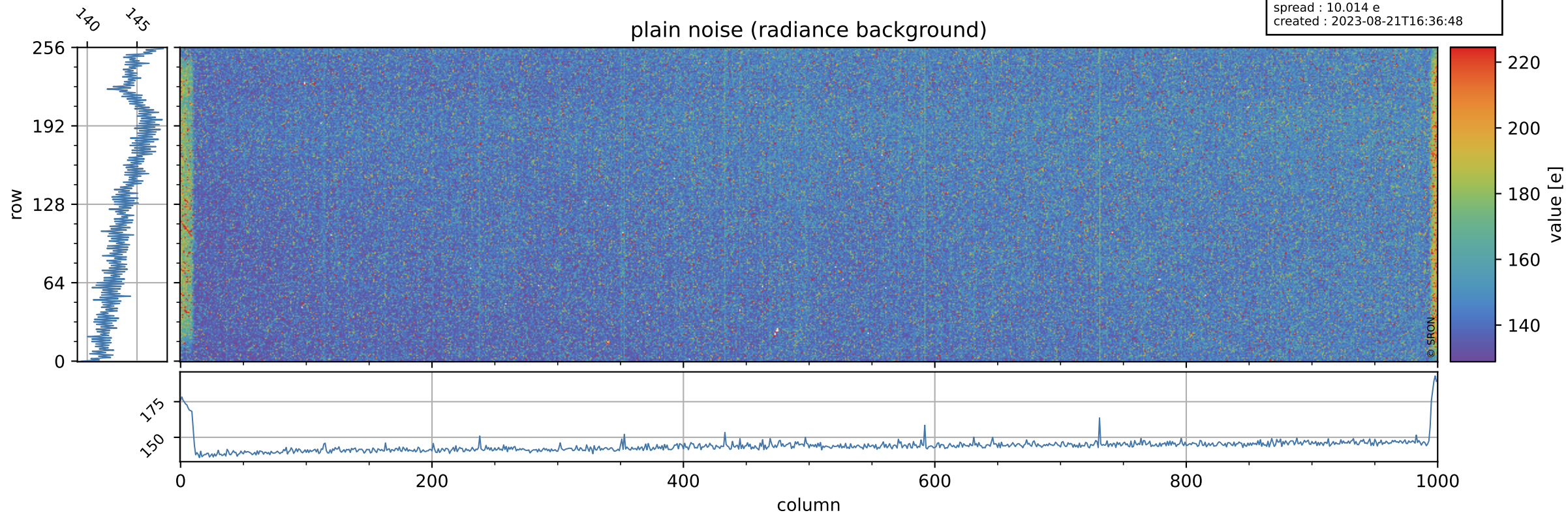
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 10.014 e
created : 2023-08-21T16:36:48

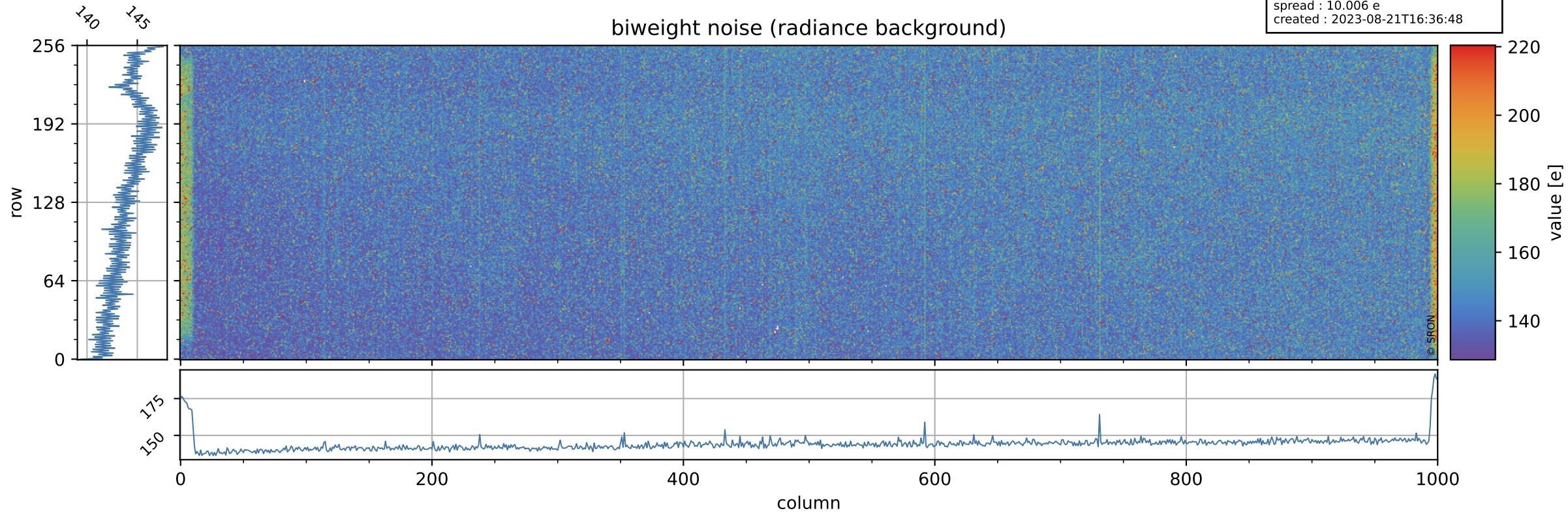
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.006 e
created : 2023-08-21T16:36:48

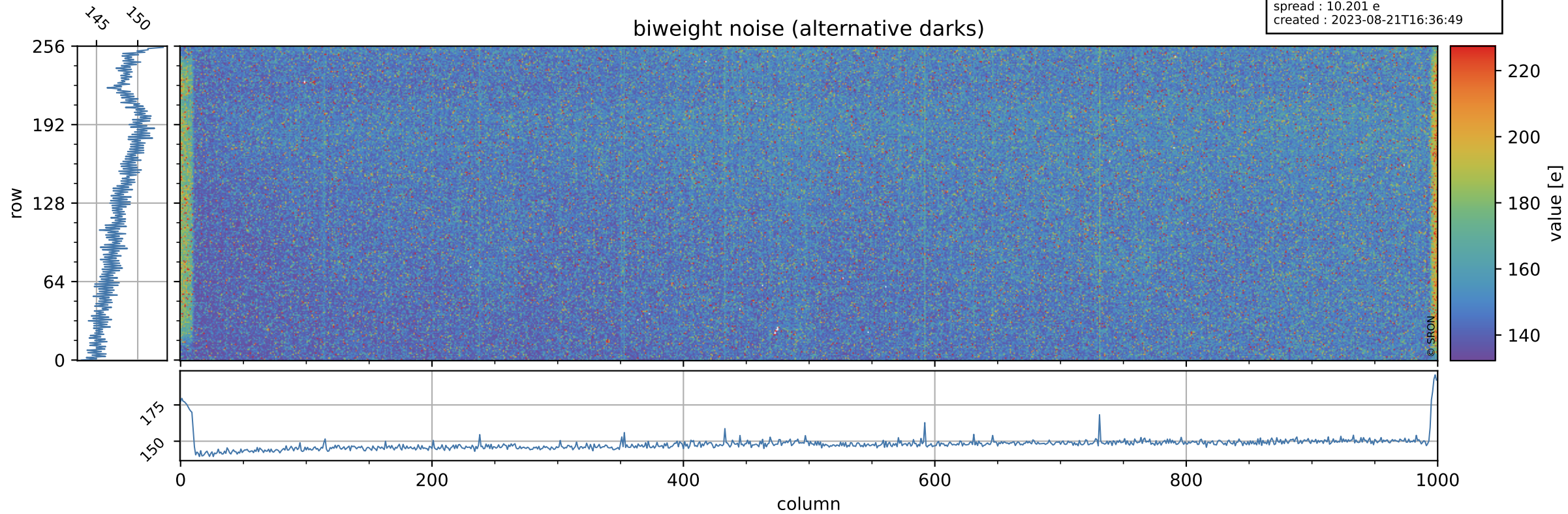
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.201 e
created : 2023-08-21T16:36:49

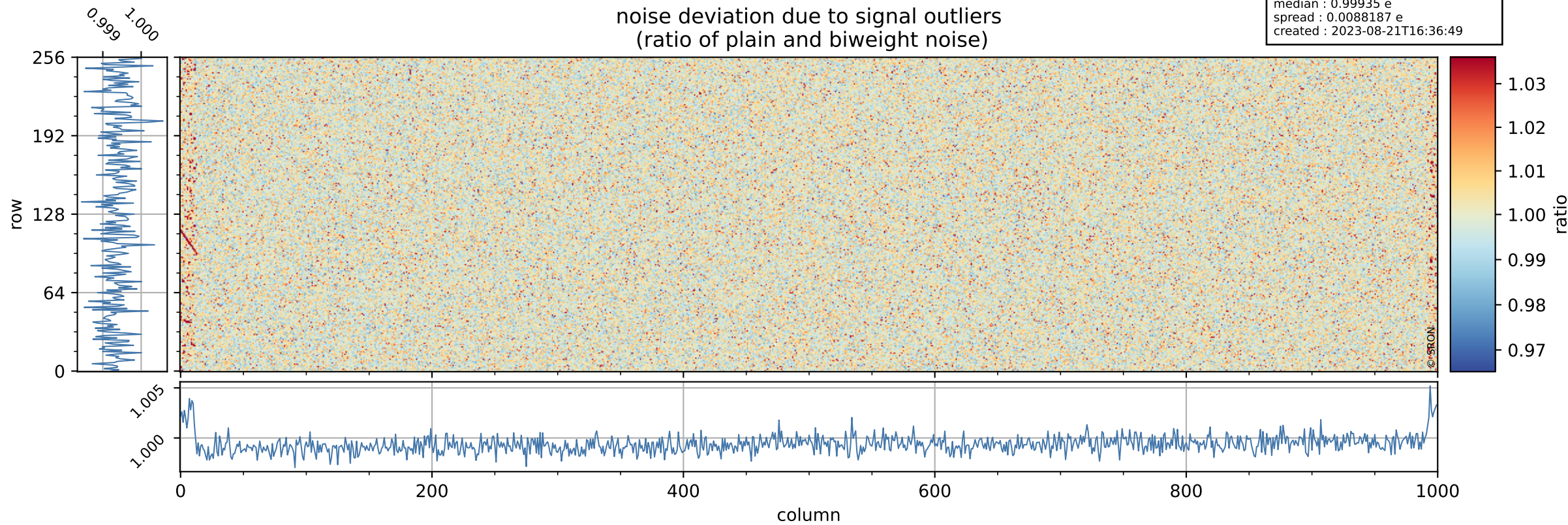
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

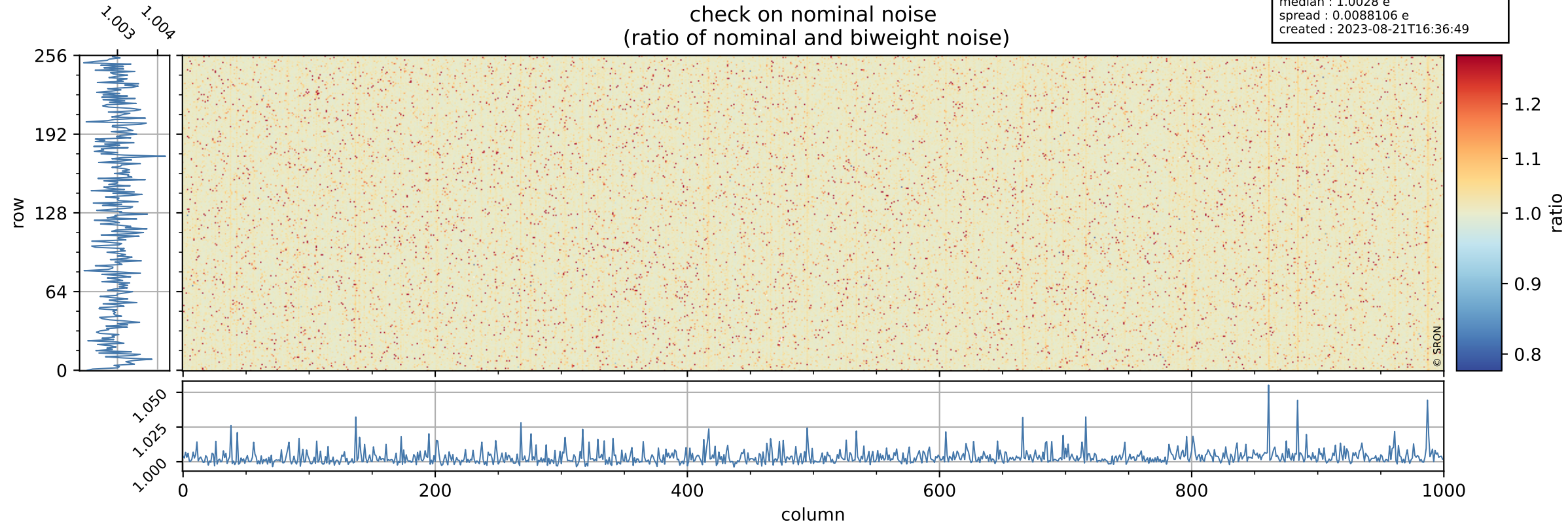
orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
median : 0.99935 e
spread : 0.0088187 e
created : 2023-08-21T16:36:49



Tropomi SWIR background noise (swir)

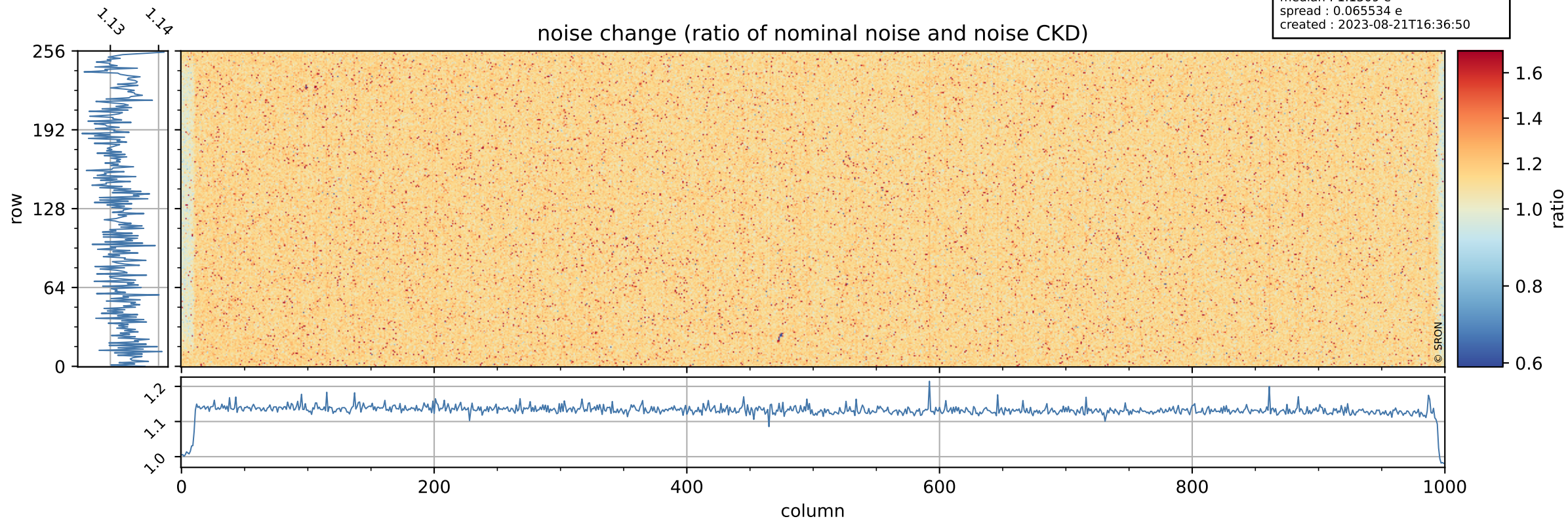
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
median : 1.0028 e
spread : 0.0088106 e
created : 2023-08-21T16:36:49



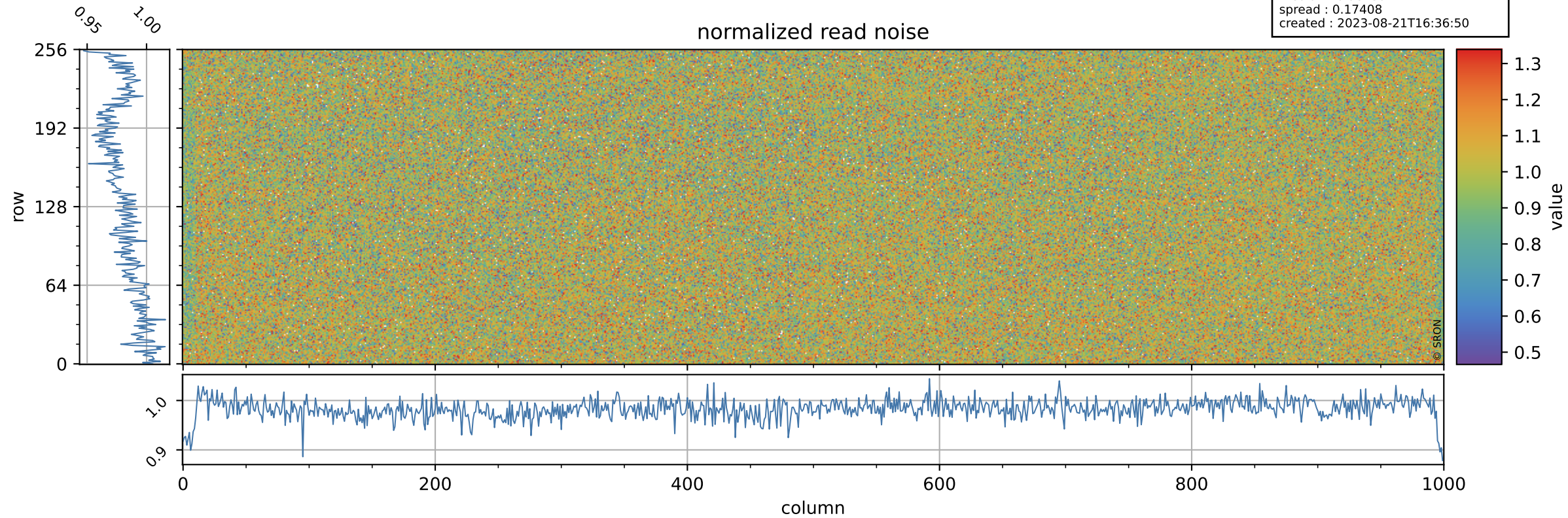
Tropomi SWIR background noise (swir)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
median : 1.1309 e
spread : 0.065534 e
created : 2023-08-21T16:36:50



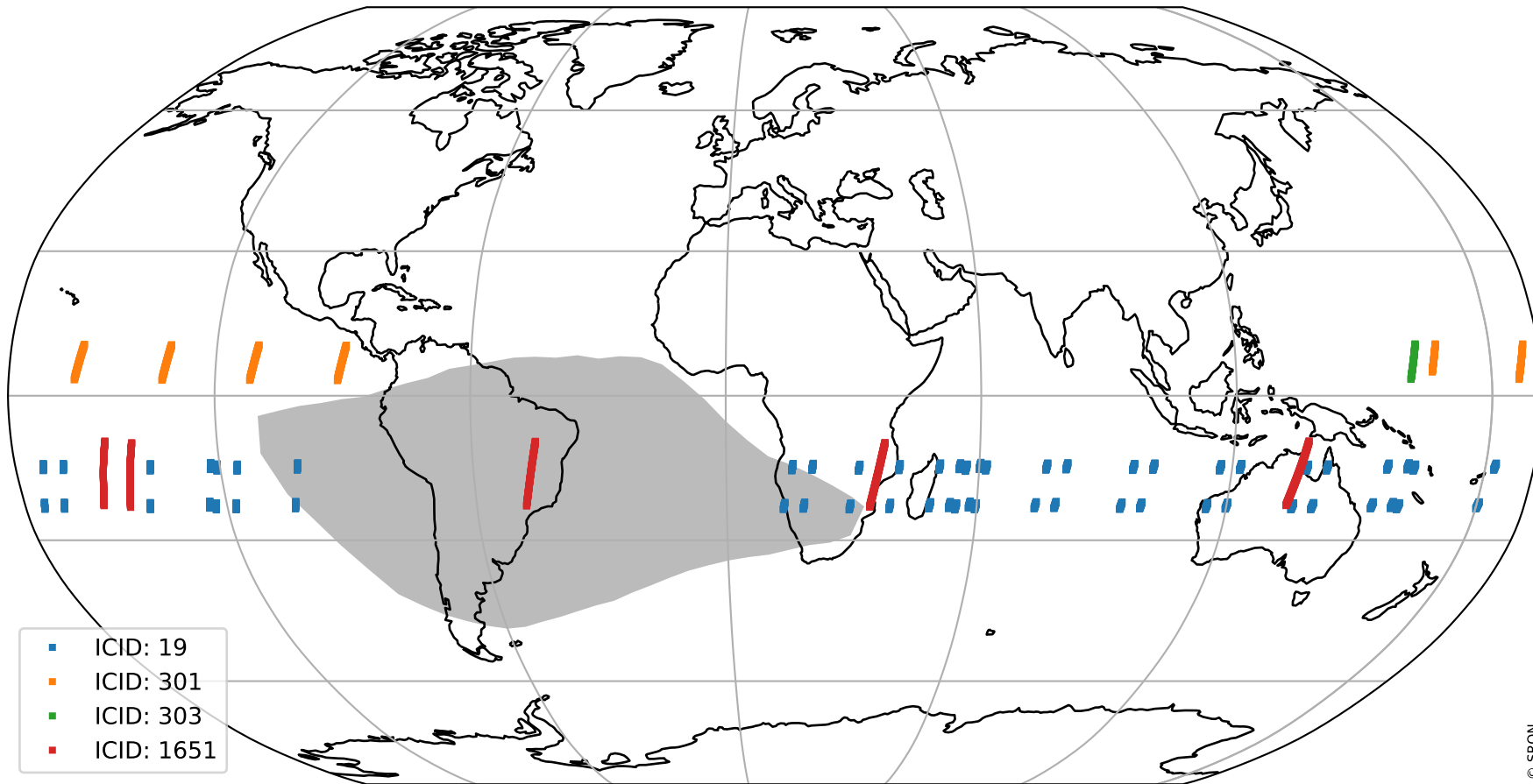
Tropomi SWIR background noise (swir)

orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
median : 0.98139
spread : 0.17408
created : 2023-08-21T16:36:50



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

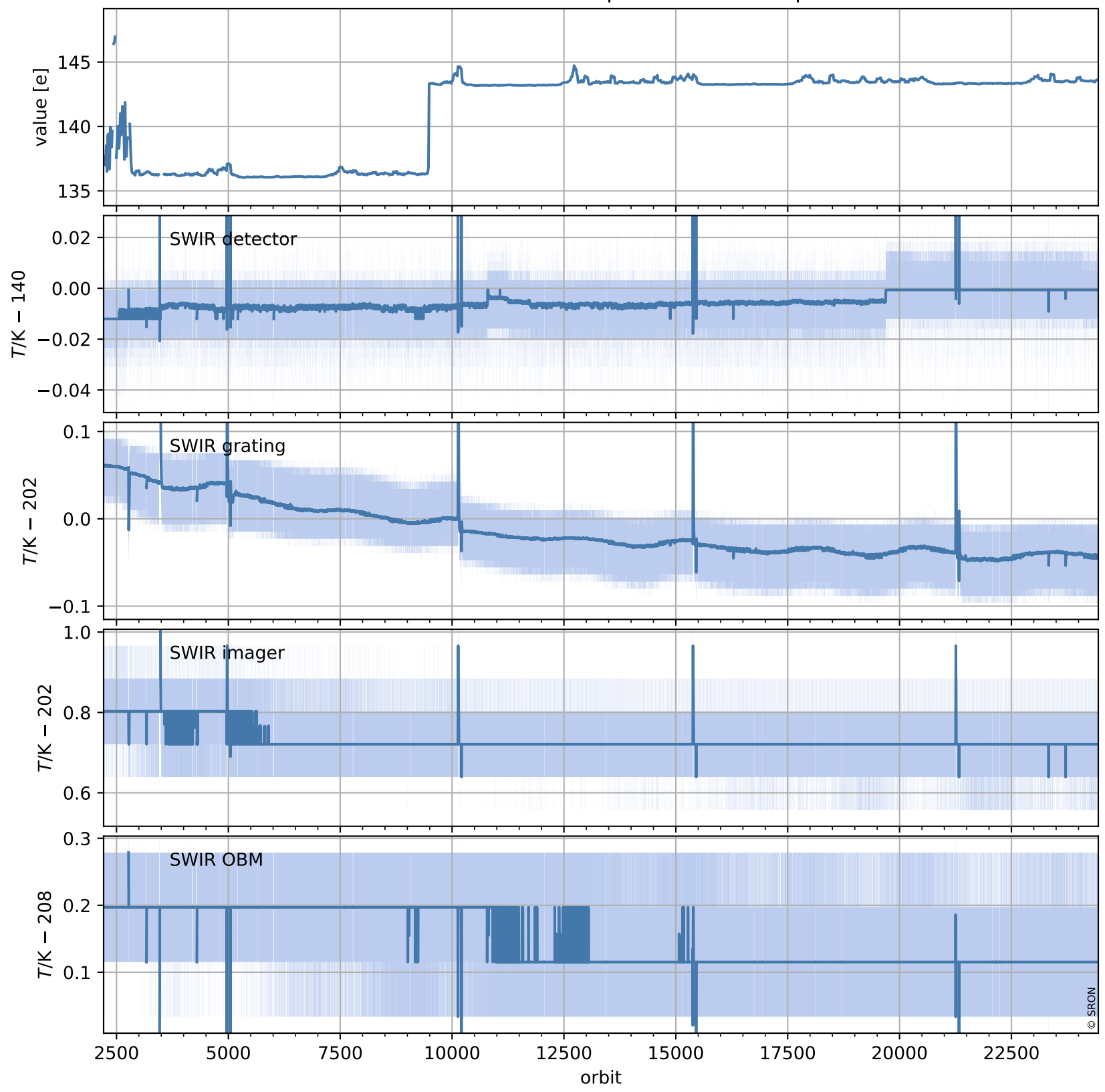
orbits : 13 in [24352, 24442]
coverage : 2022-06-26 / 2022-07-01
created : 2023-08-21T16:36:50



Tropomi SWIR background noise (swir)

orbits : [2212, 24442]
coverage : 2018-03-18 / 2022-07-01
created : 2023-08-21T16:36:51

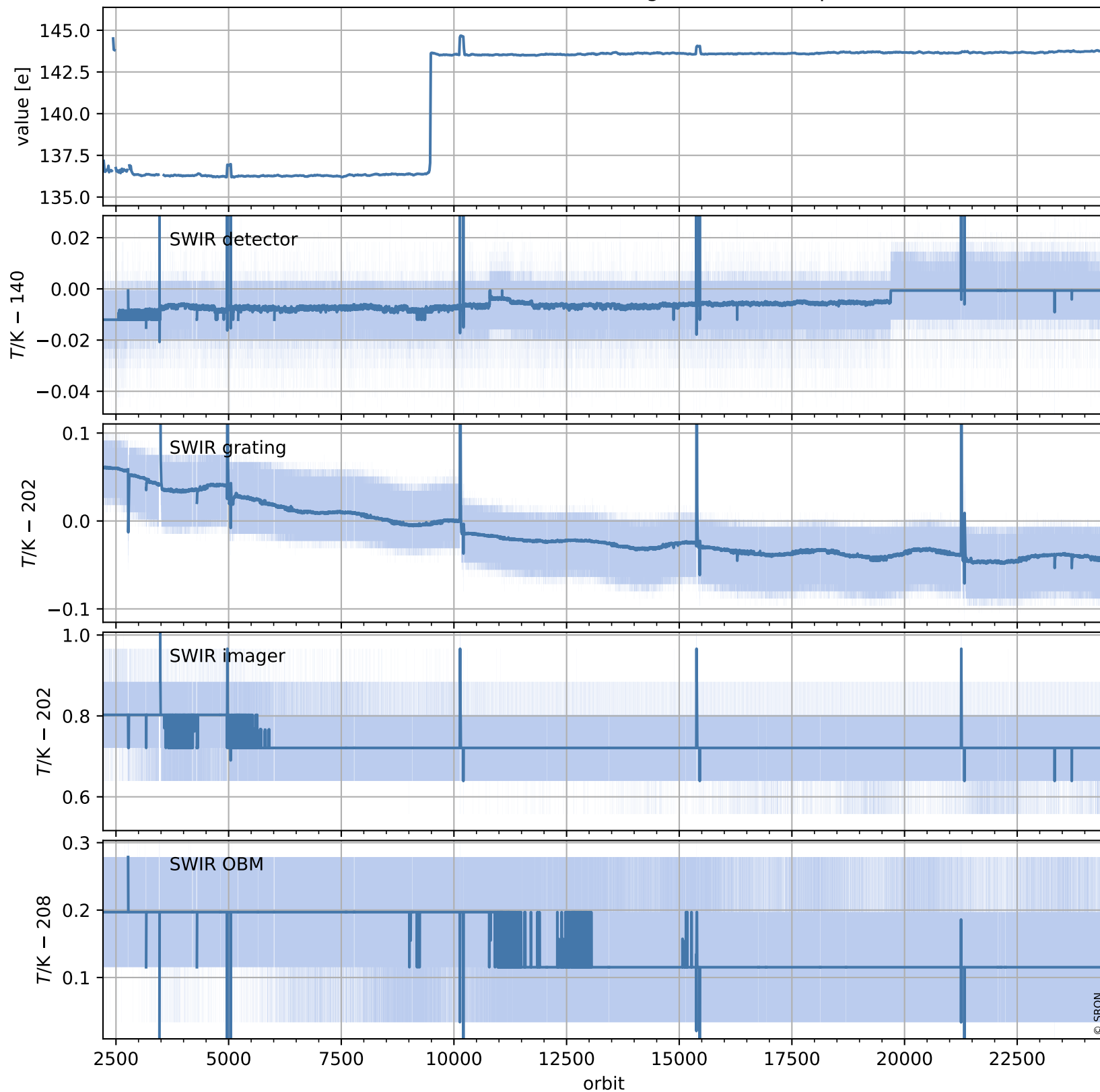
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24442]
coverage : 2018-03-18 / 2022-07-01
created : 2023-08-21T16:36:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24442]
coverage : 2018-03-18 / 2022-07-01
created : 2023-08-21T16:36:52

trend of normalized read-noise & temperatures

