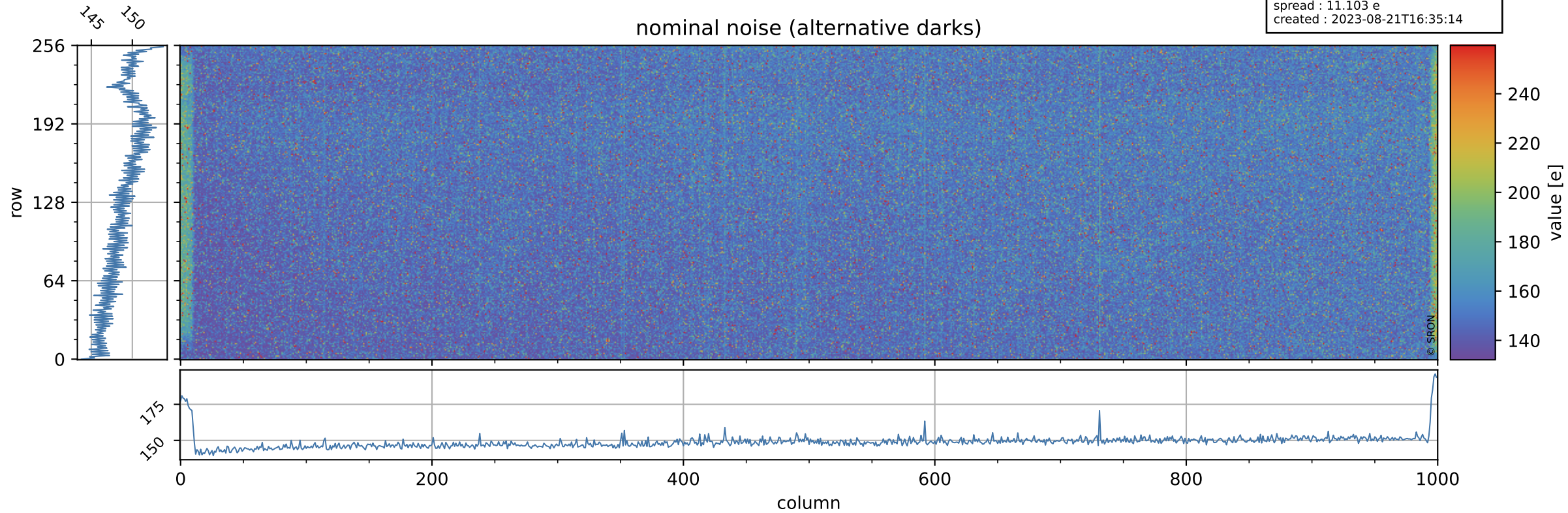


Tropomi SWIR background noise (swir)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 11.103 e
created : 2023-08-21T16:35:14

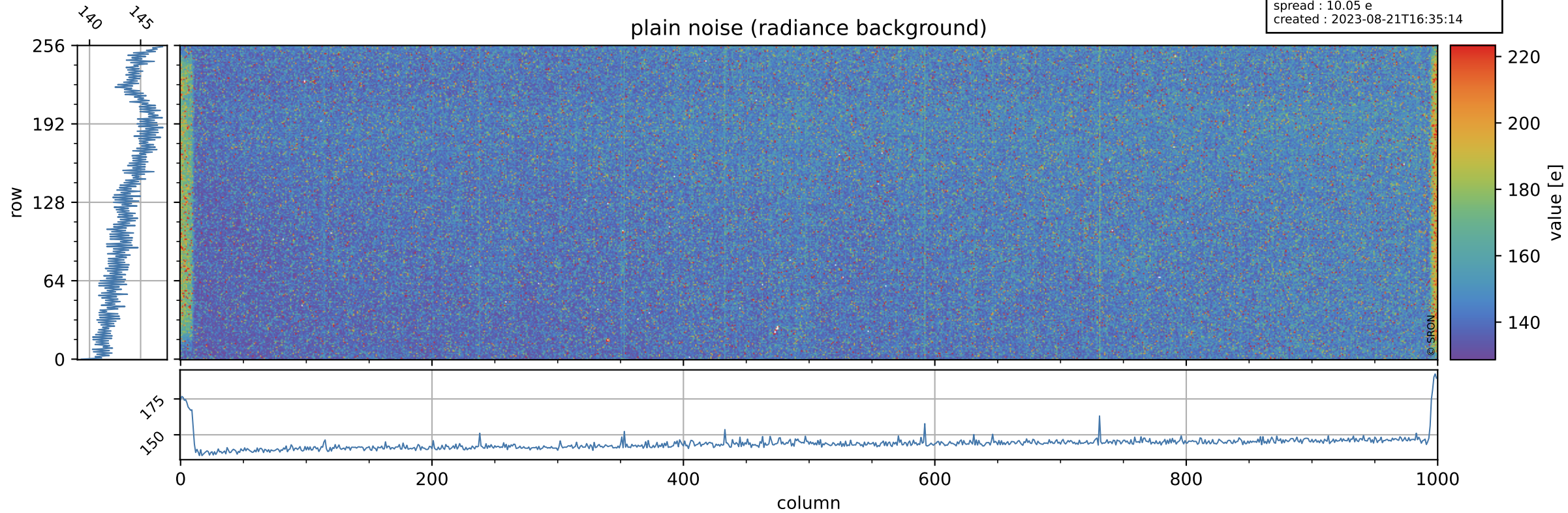
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 10.05 e
created : 2023-08-21T16:35:14

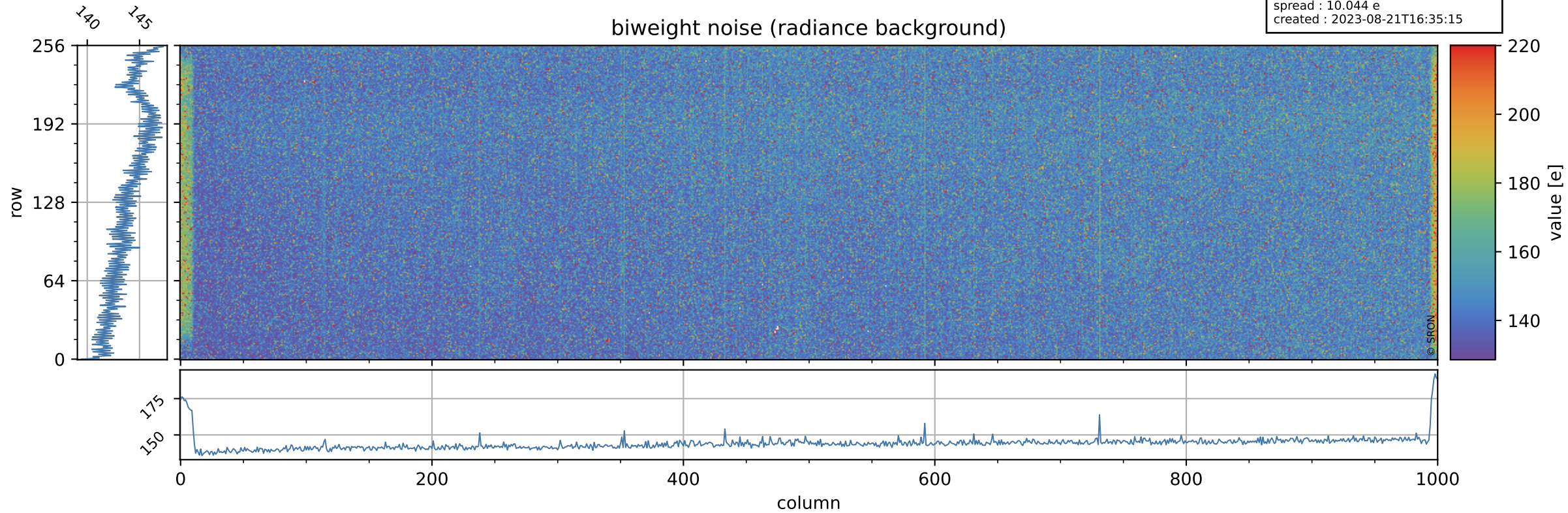
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.044 e
created : 2023-08-21T16:35:15

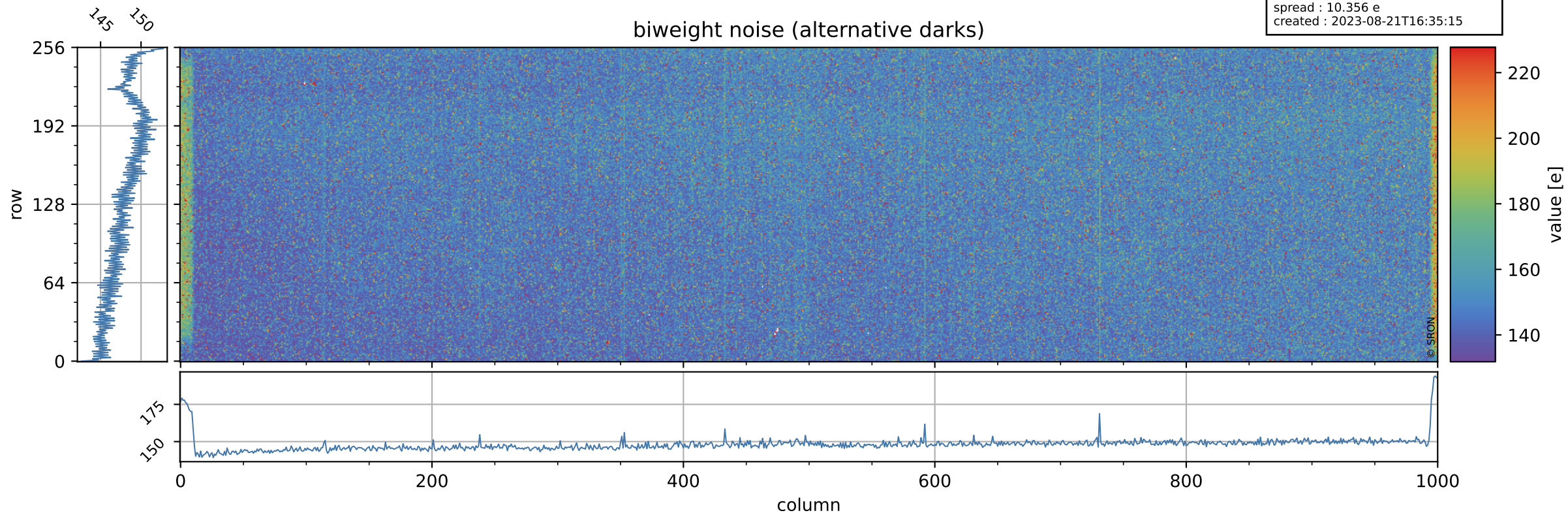
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.356 e
created : 2023-08-21T16:35:15

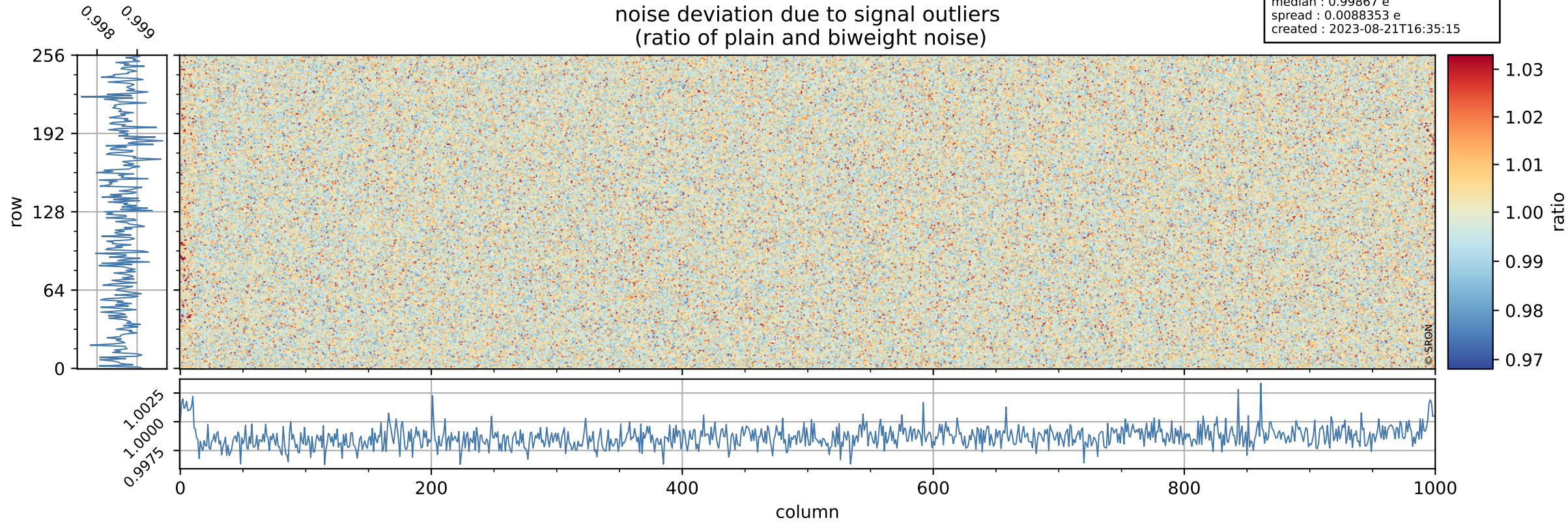
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

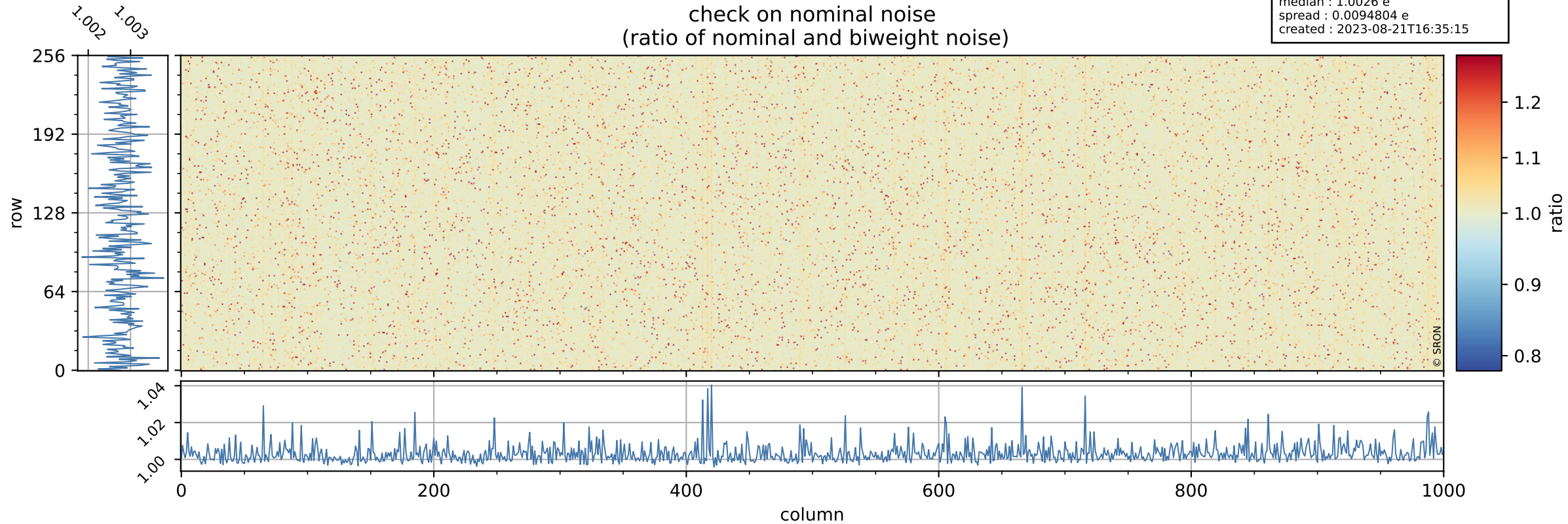
orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
median : 0.99867 e
spread : 0.0088353 e
created : 2023-08-21T16:35:15



Tropomi SWIR background noise (swir)

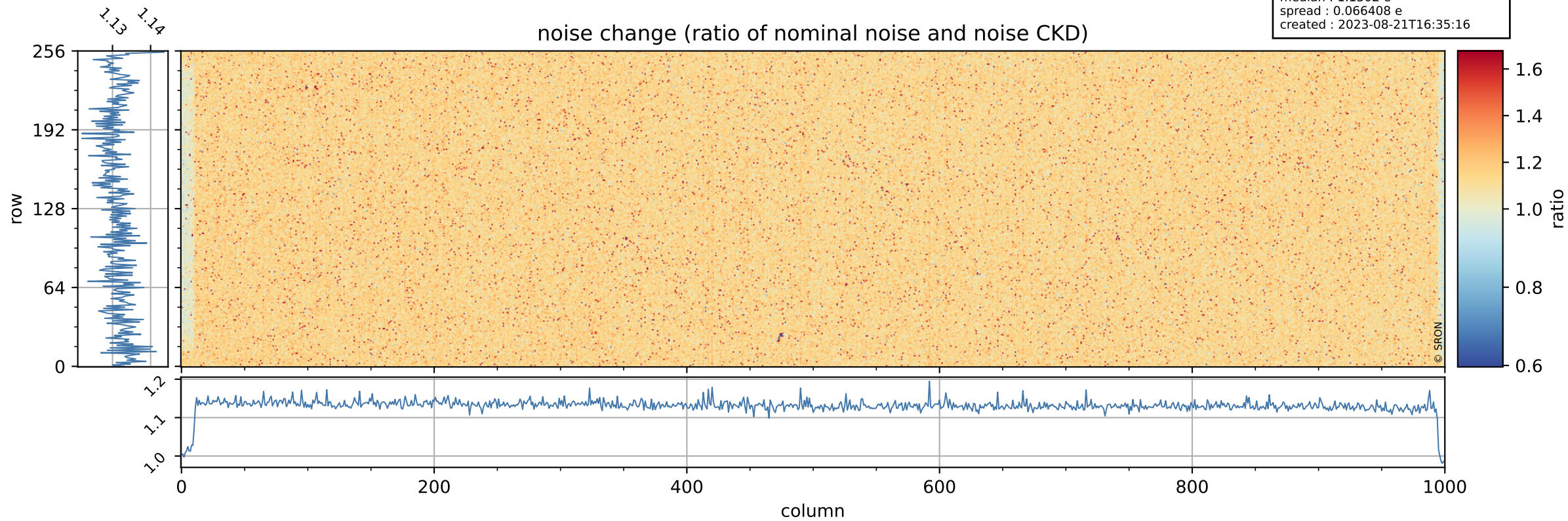
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
median : 1.0026 e
spread : 0.0094804 e
created : 2023-08-21T16:35:15



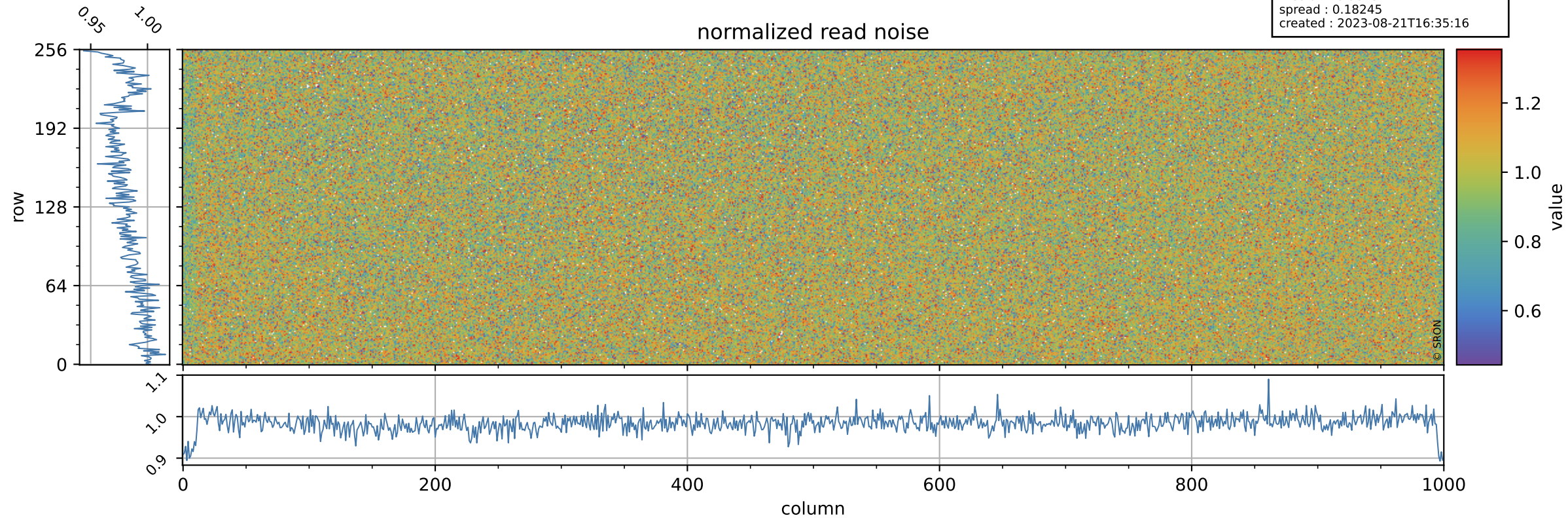
Tropomi SWIR background noise (swir)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
median : 1.1302 e
spread : 0.066408 e
created : 2023-08-21T16:35:16



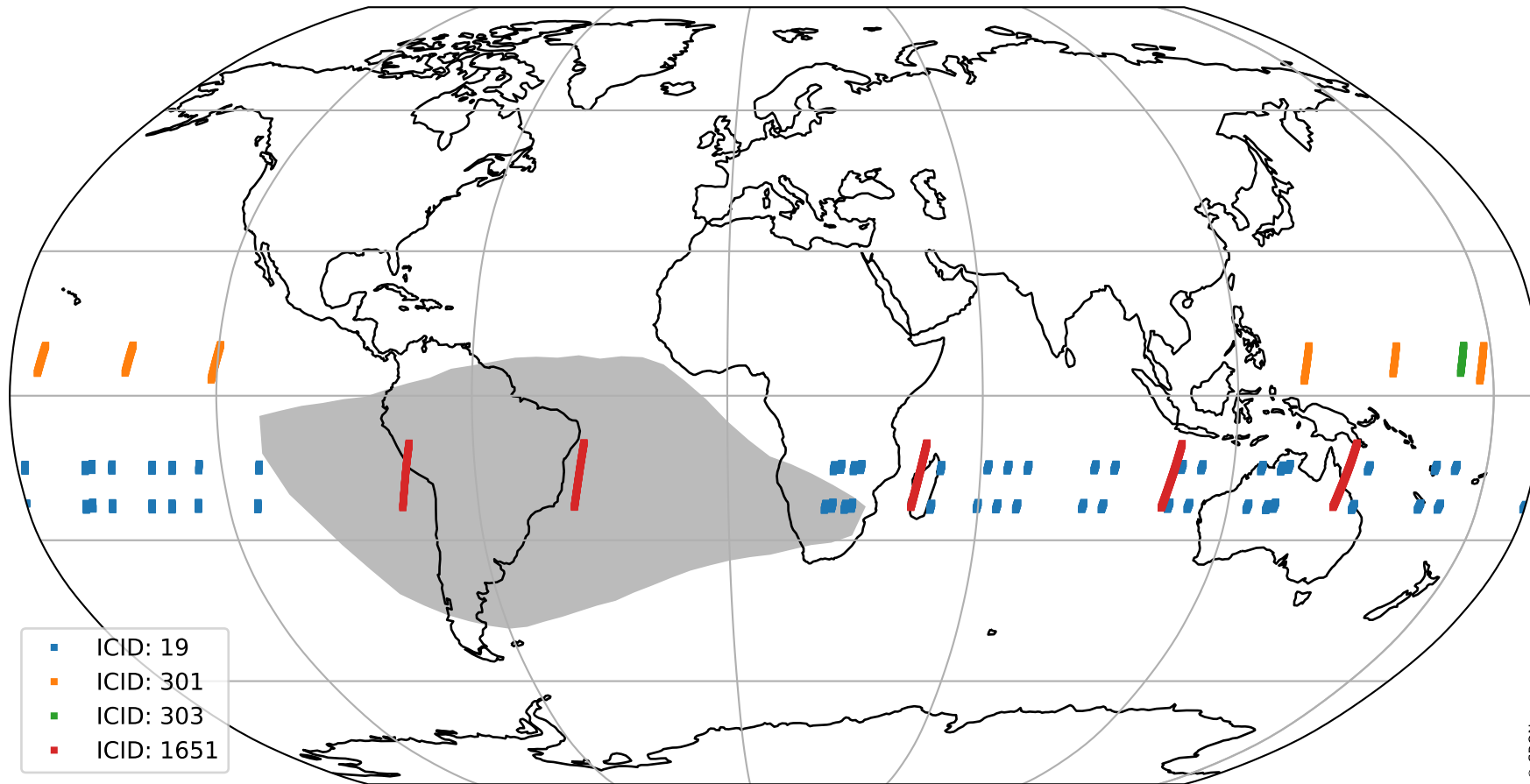
Tropomi SWIR background noise (swir)

orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
median : 0.98231
spread : 0.18245
created : 2023-08-21T16:35:16



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

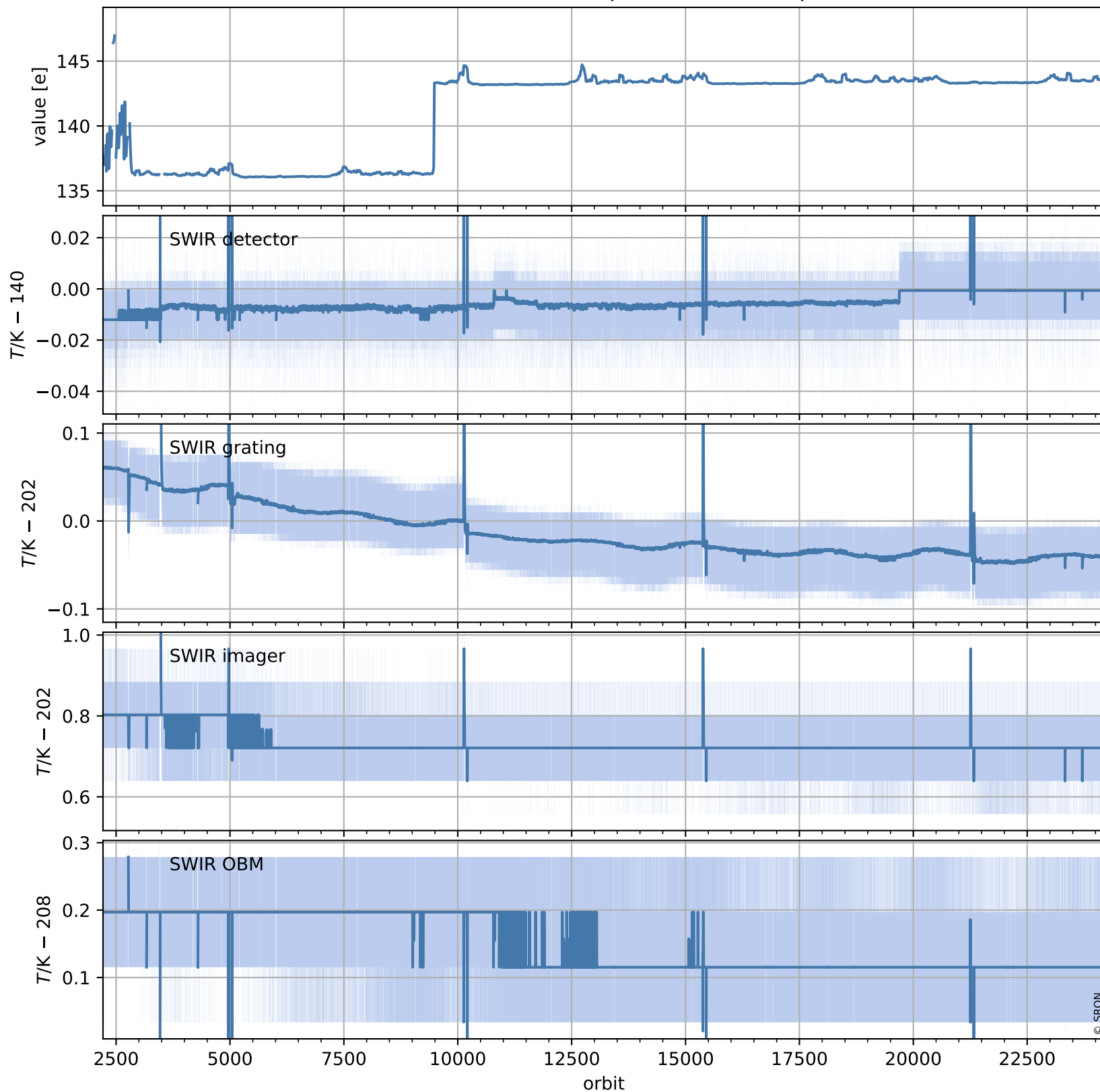
orbits : 12 in [24112, 24202]
coverage : 2022-06-09 / 2022-06-14
created : 2023-08-21T16:35:16



Tropomi SWIR background noise (swir)

orbits : [2212, 24202]
coverage : 2018-03-18 / 2022-06-14
created : 2023-08-21T16:35:17

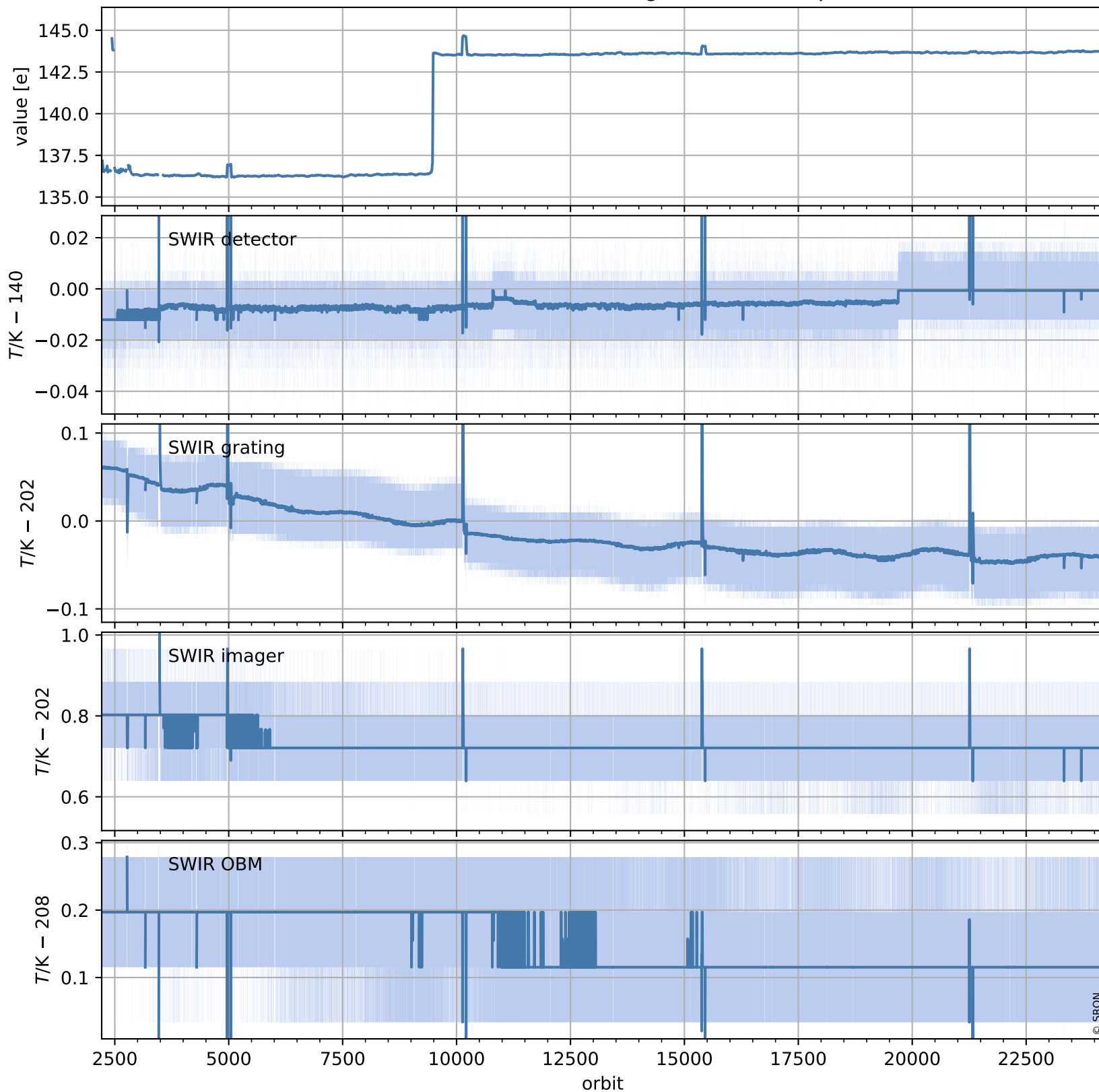
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24202]
coverage : 2018-03-18 / 2022-06-14
created : 2023-08-21T16:35:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24202]
coverage : 2018-03-18 / 2022-06-14
created : 2023-08-21T16:35:19

trend of normalized read-noise & temperatures

