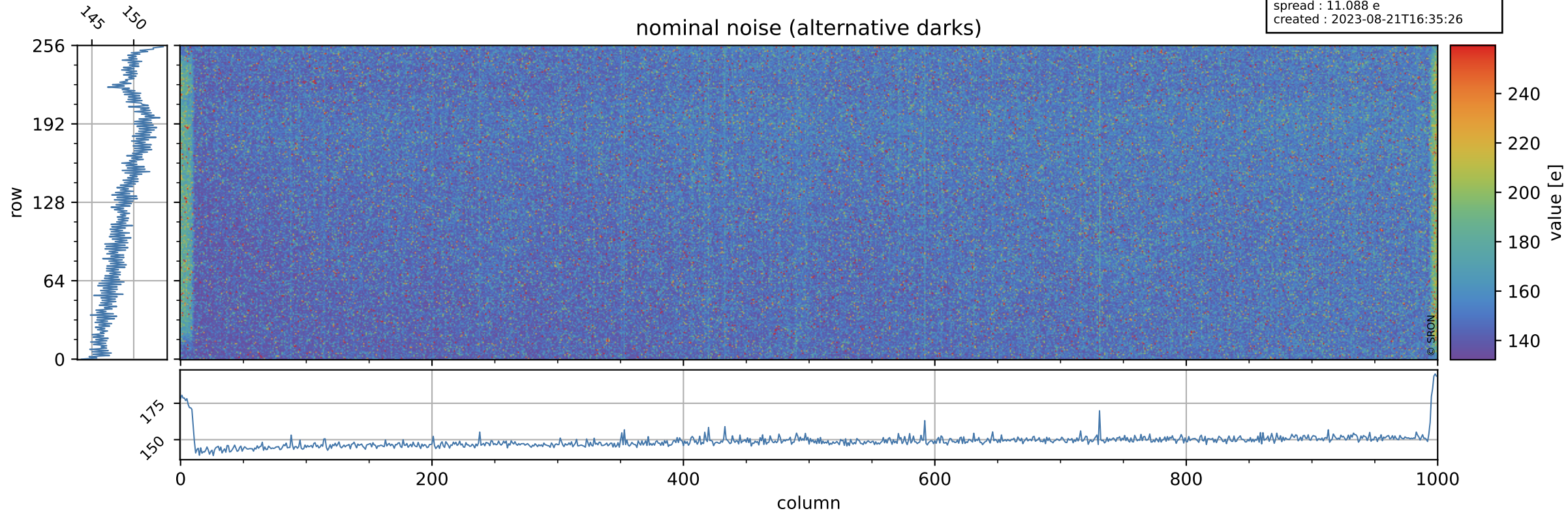


Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 11.088 e
created : 2023-08-21T16:35:26

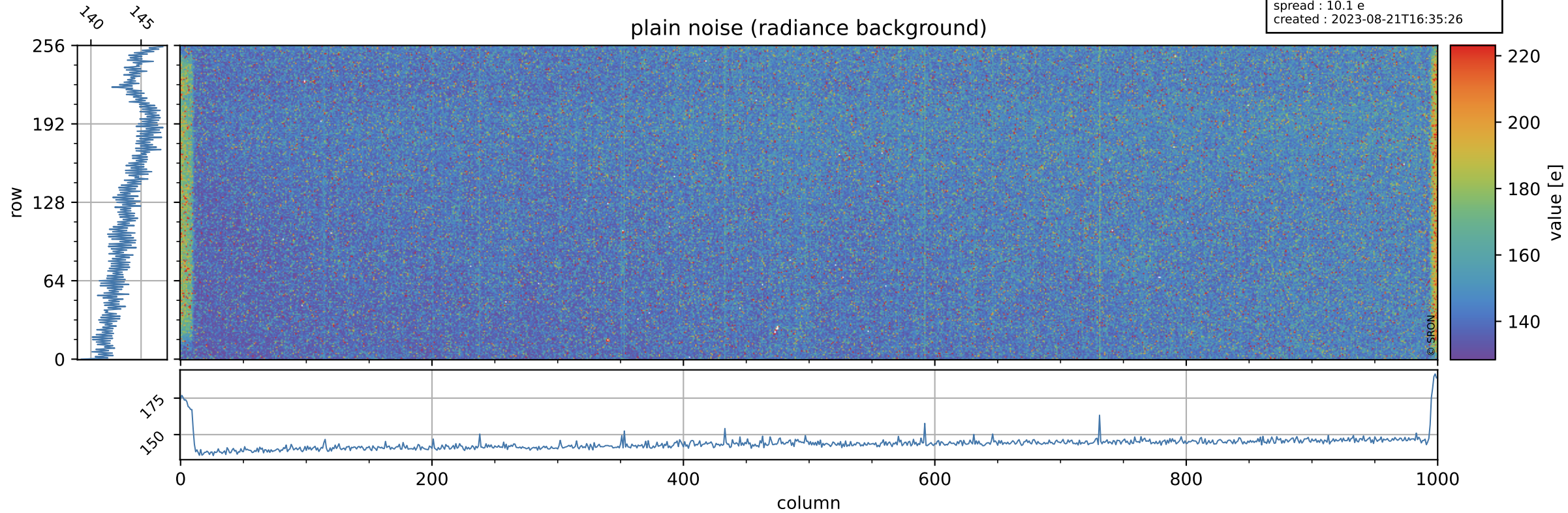
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 10.1 e
created : 2023-08-21T16:35:26

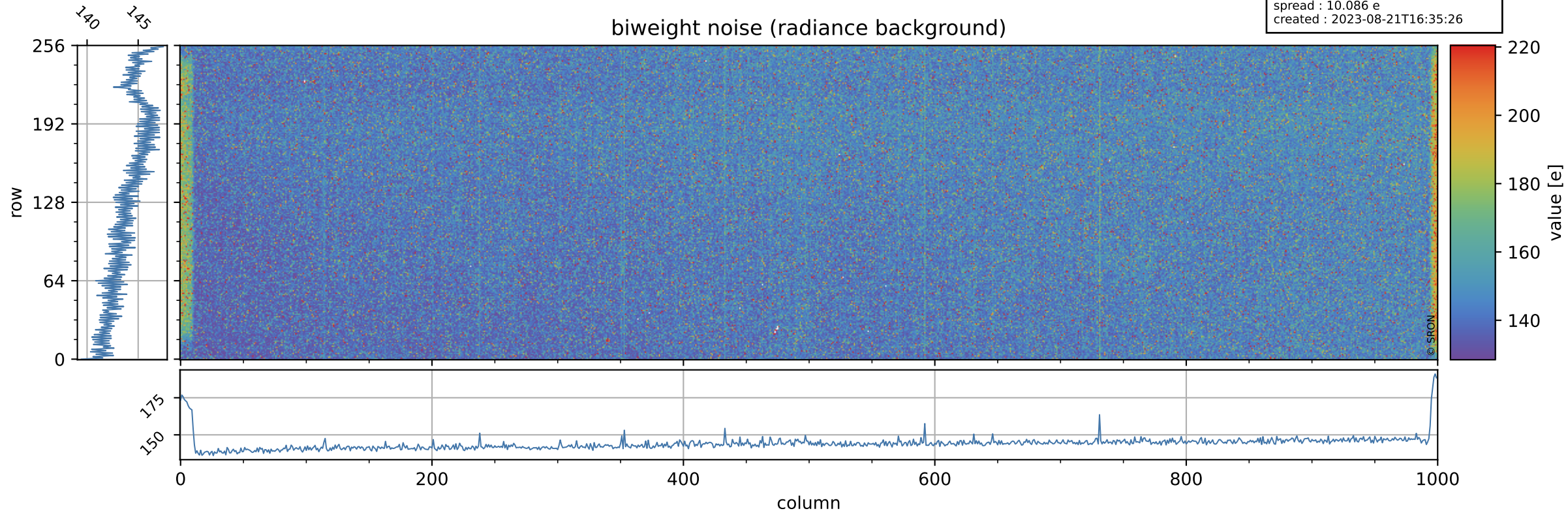
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.086 e
created : 2023-08-21T16:35:26

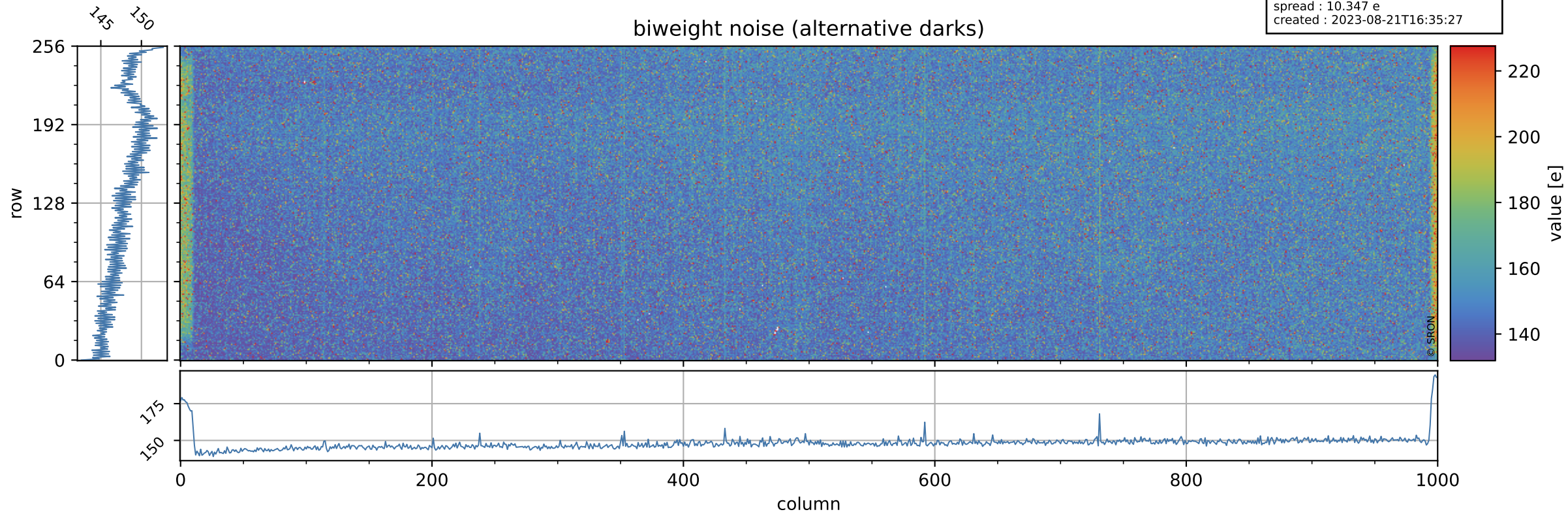
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.347 e
created : 2023-08-21T16:35:27

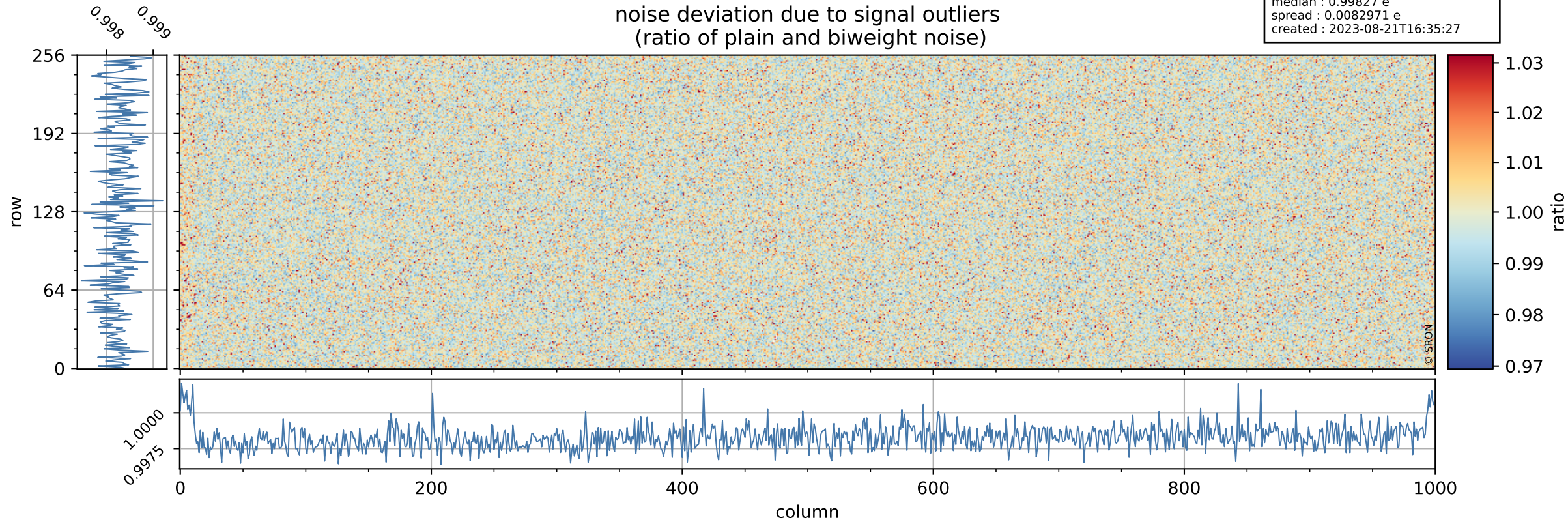
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

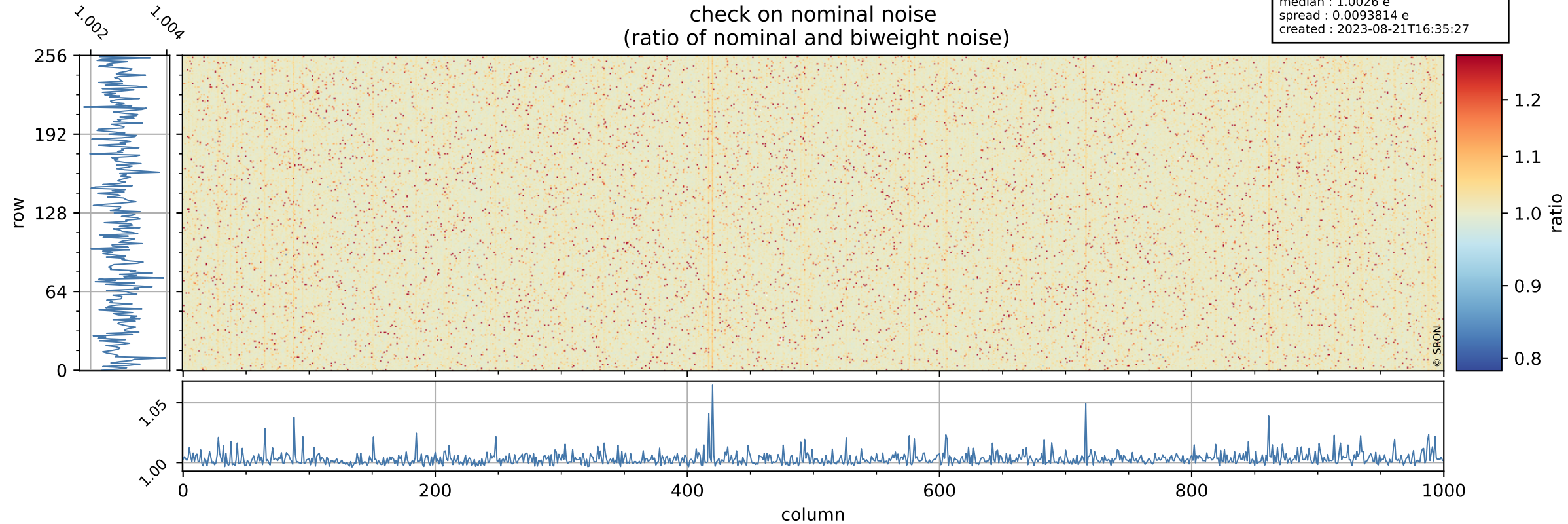
orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
median : 0.99827 e
spread : 0.0082971 e
created : 2023-08-21T16:35:27



Tropomi SWIR background noise (swir)

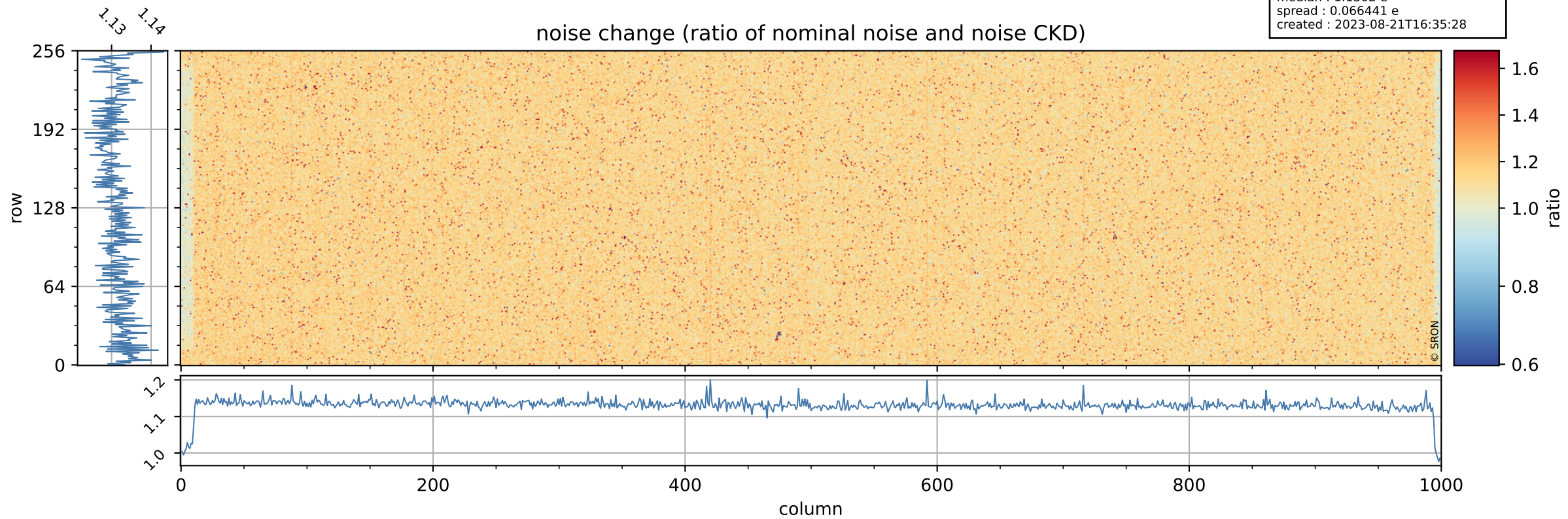
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
median : 1.0026 e
spread : 0.0093814 e
created : 2023-08-21T16:35:27



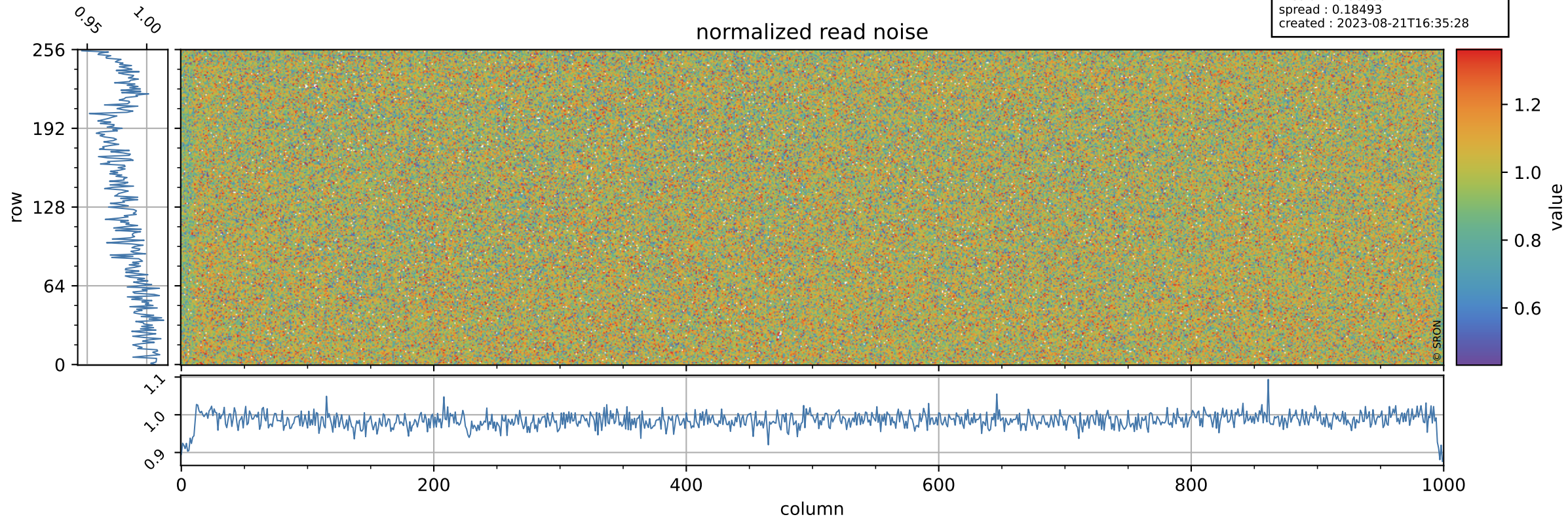
Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
median : 1.1302 e
spread : 0.066441 e
created : 2023-08-21T16:35:28



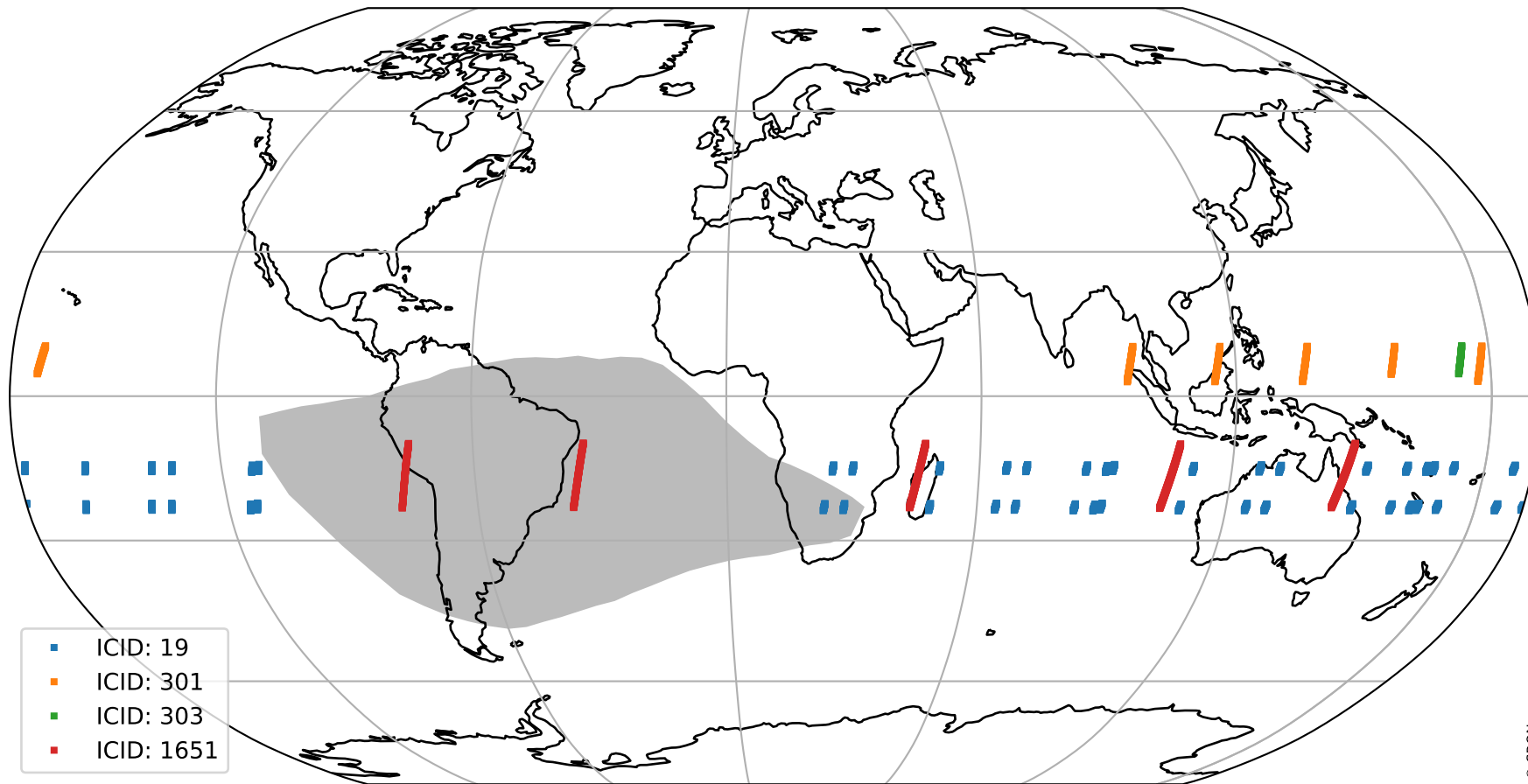
Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
median : 0.98306
spread : 0.18493
created : 2023-08-21T16:35:28



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

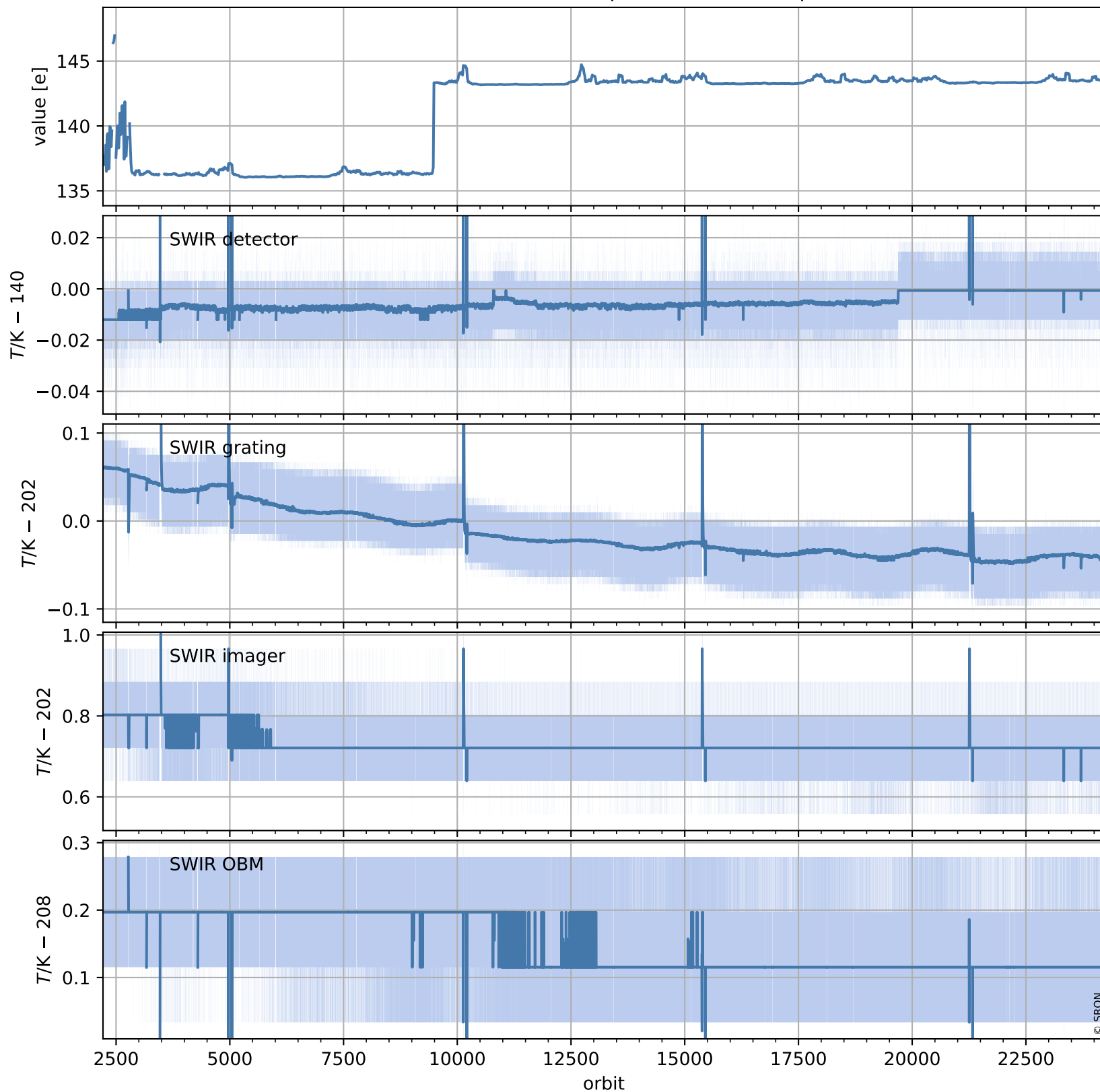
orbits : 12 in [24157, 24232]
coverage : 2022-06-11 / 2022-06-16
created : 2023-08-21T16:35:28



Tropomi SWIR background noise (swir)

orbits : [2212, 24232]
coverage : 2018-03-18 / 2022-06-16
created : 2023-08-21T16:35:29

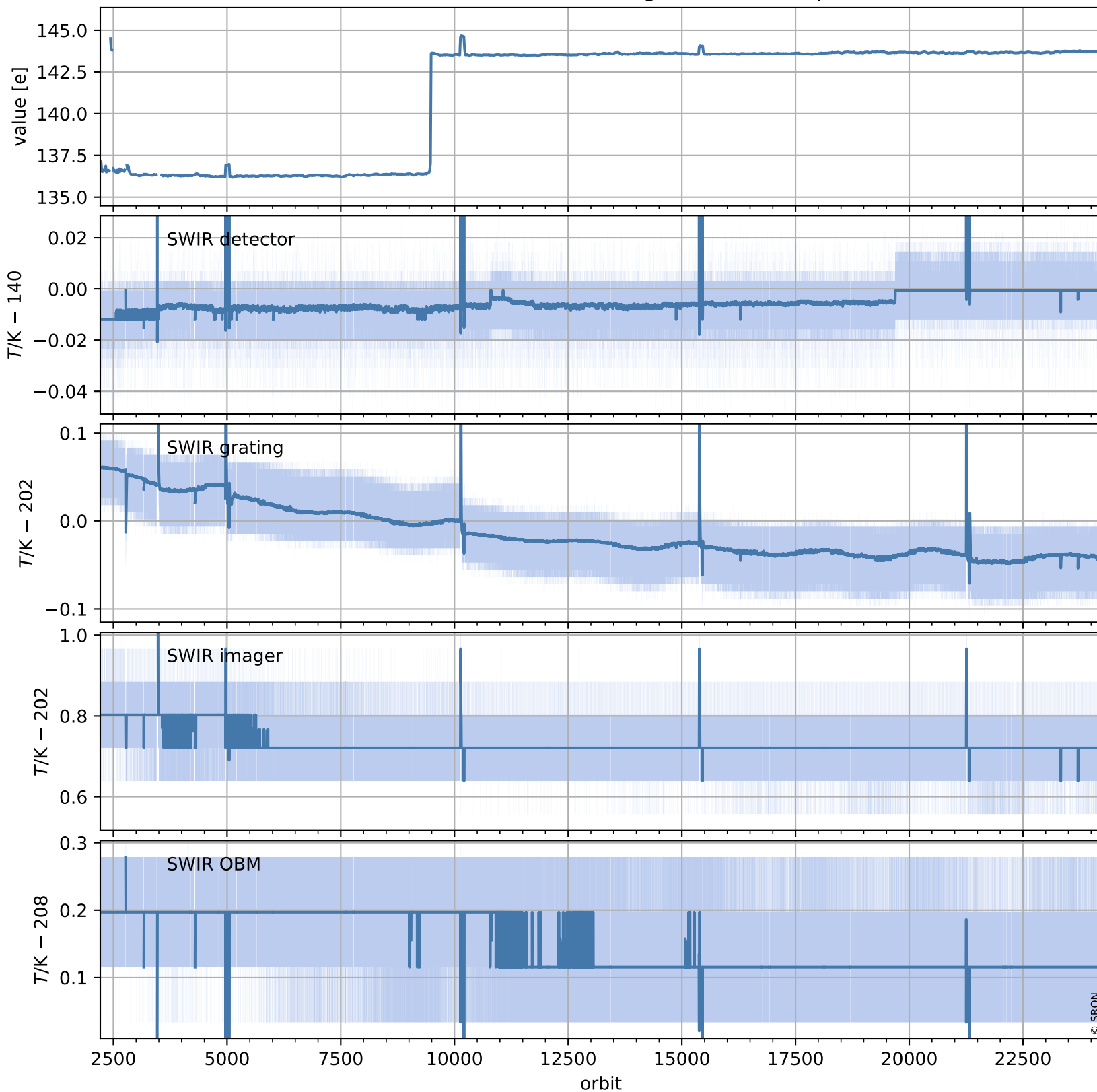
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24232]
coverage : 2018-03-18 / 2022-06-16
created : 2023-08-21T16:35:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24232]
coverage : 2018-03-18 / 2022-06-16
created : 2023-08-21T16:35:30

trend of normalized read-noise & temperatures

