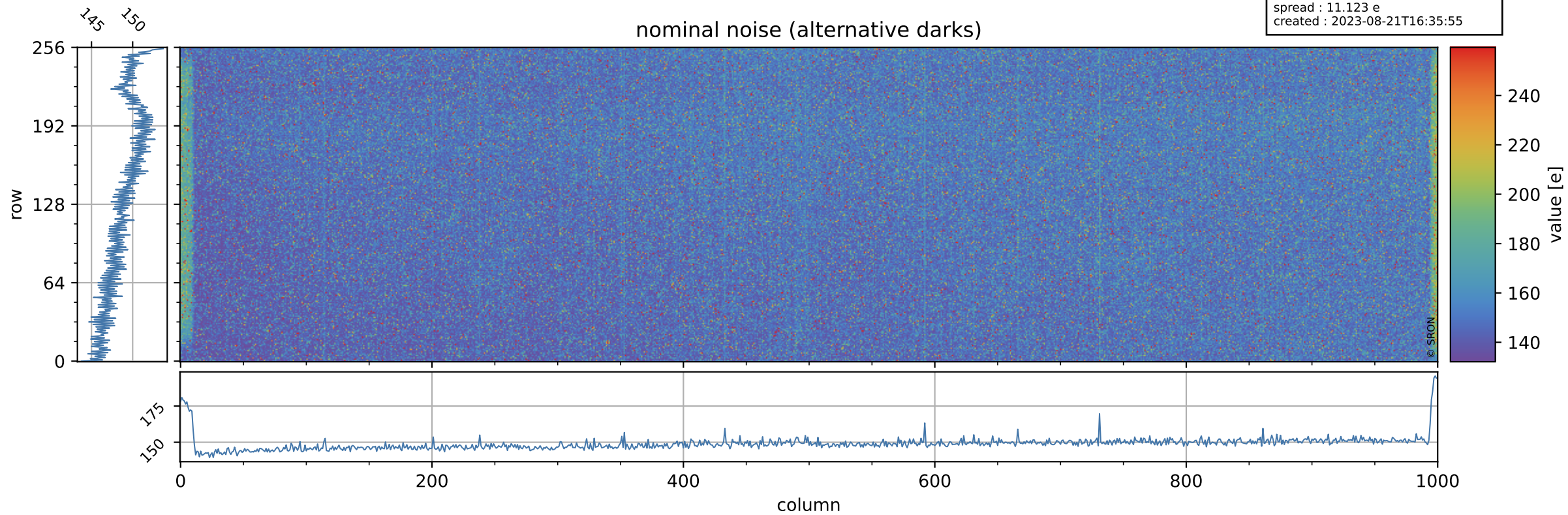


Tropomi SWIR background noise (swir)

orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 11.123 e
created : 2023-08-21T16:35:55

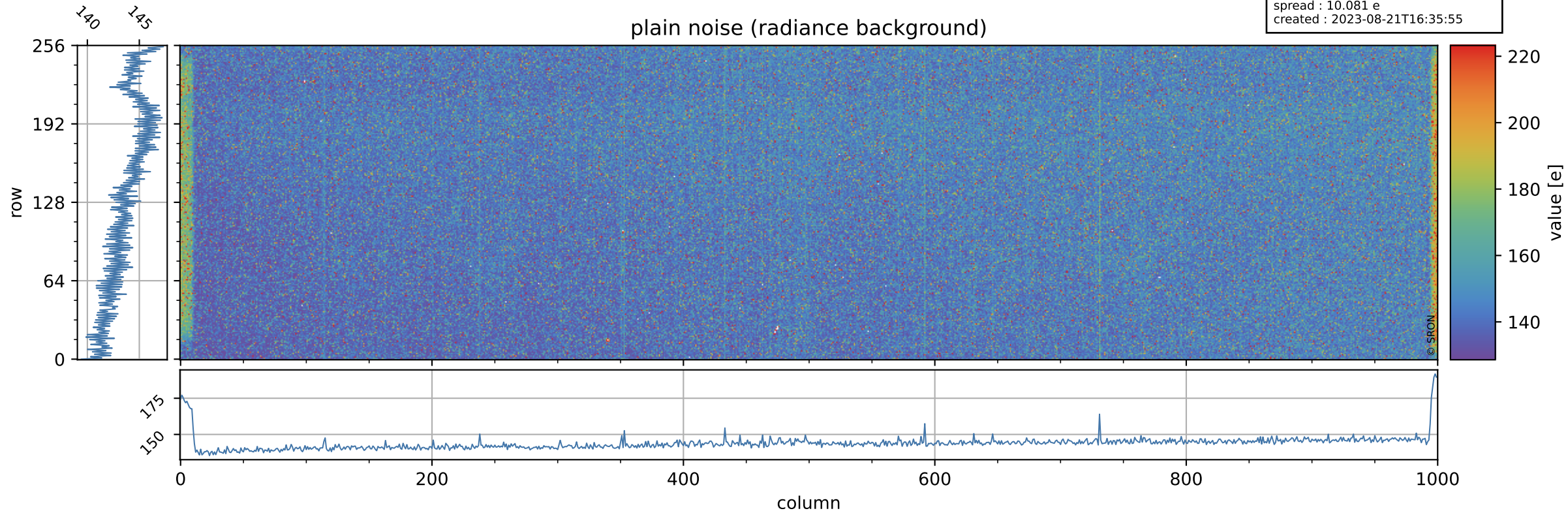
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 10.081 e
created : 2023-08-21T16:35:55

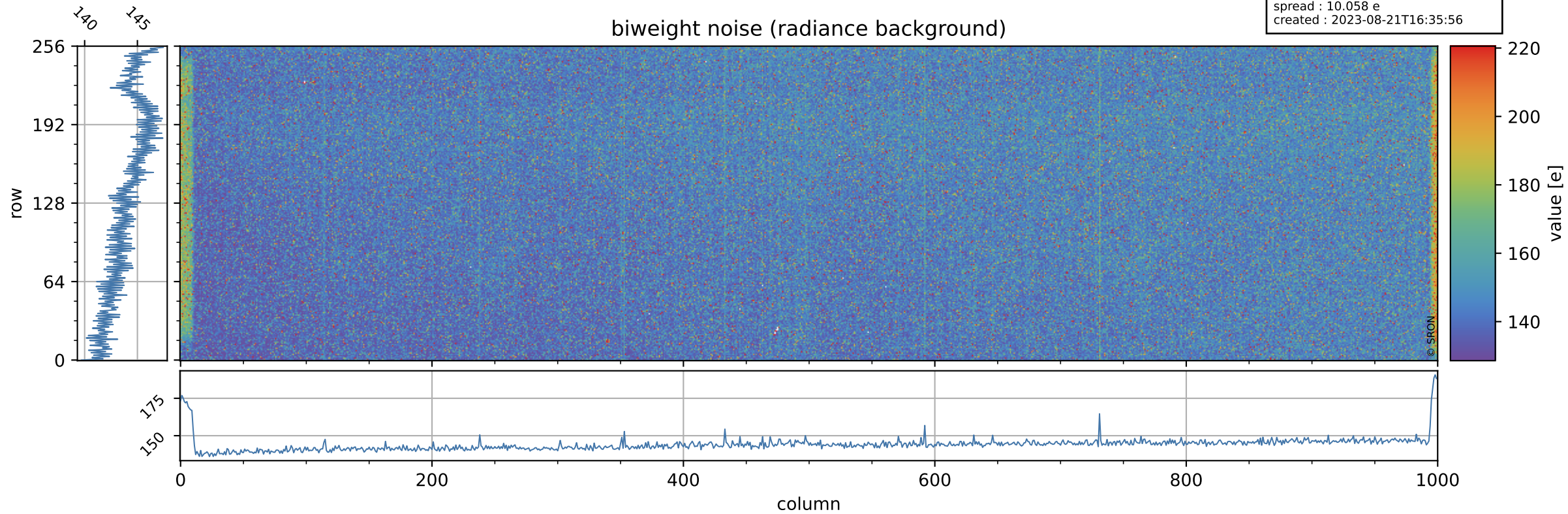
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.058 e
created : 2023-08-21T16:35:56

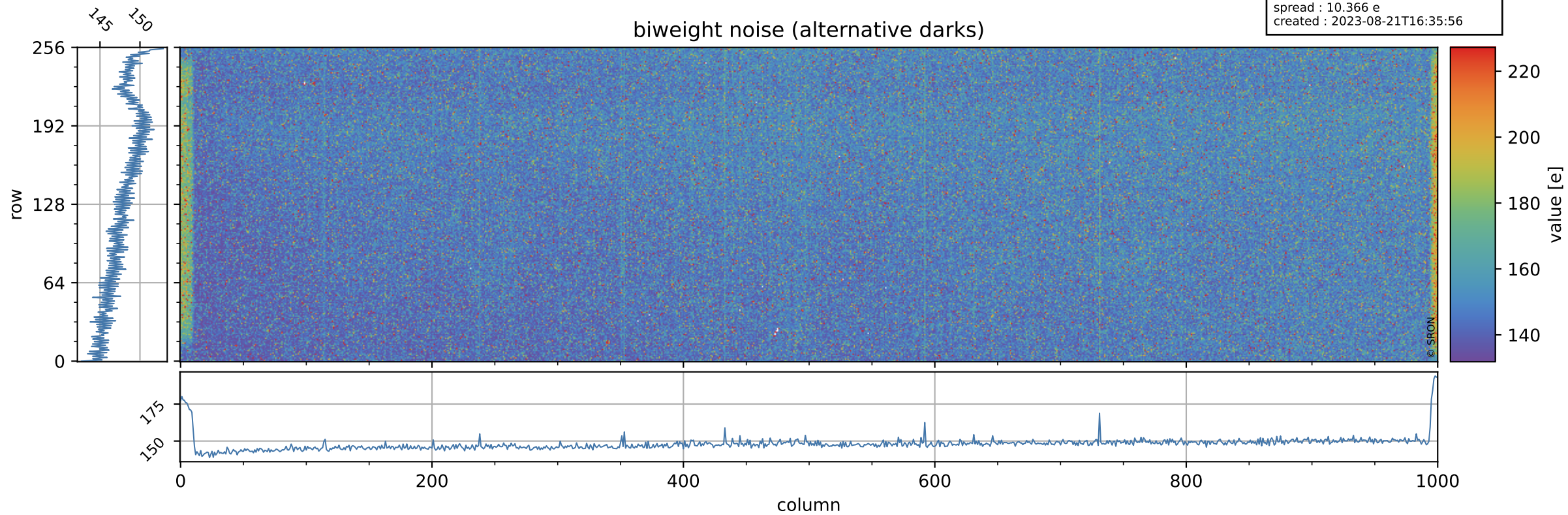
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.366 e
created : 2023-08-21T16:35:56

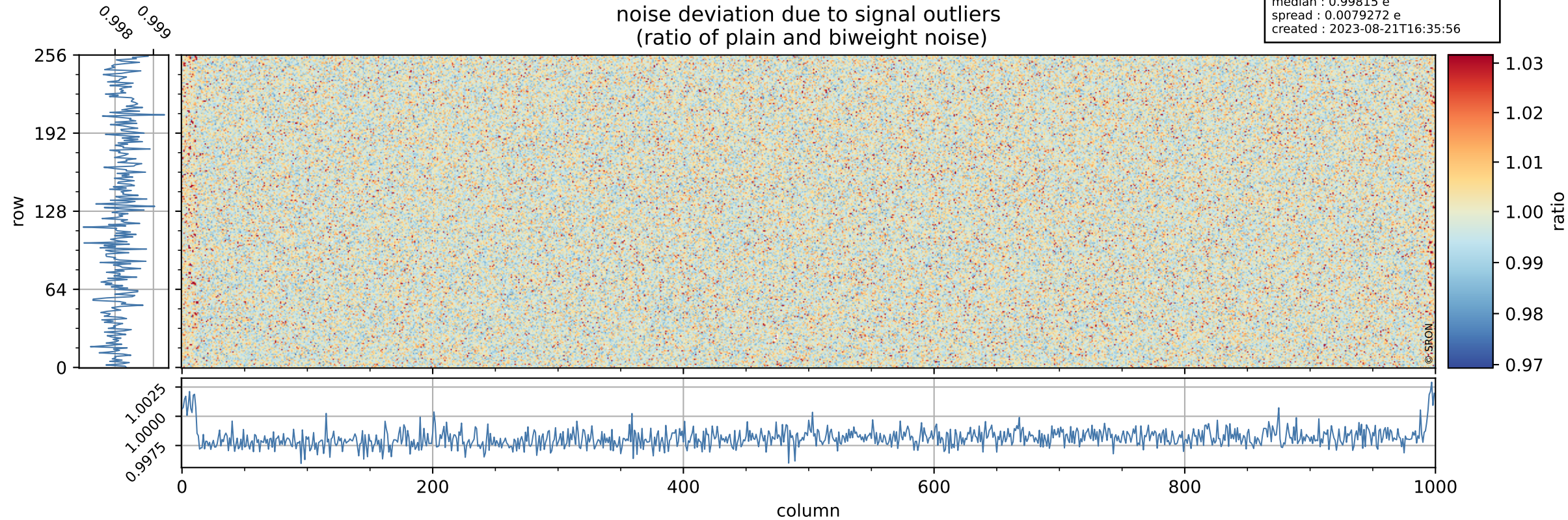
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

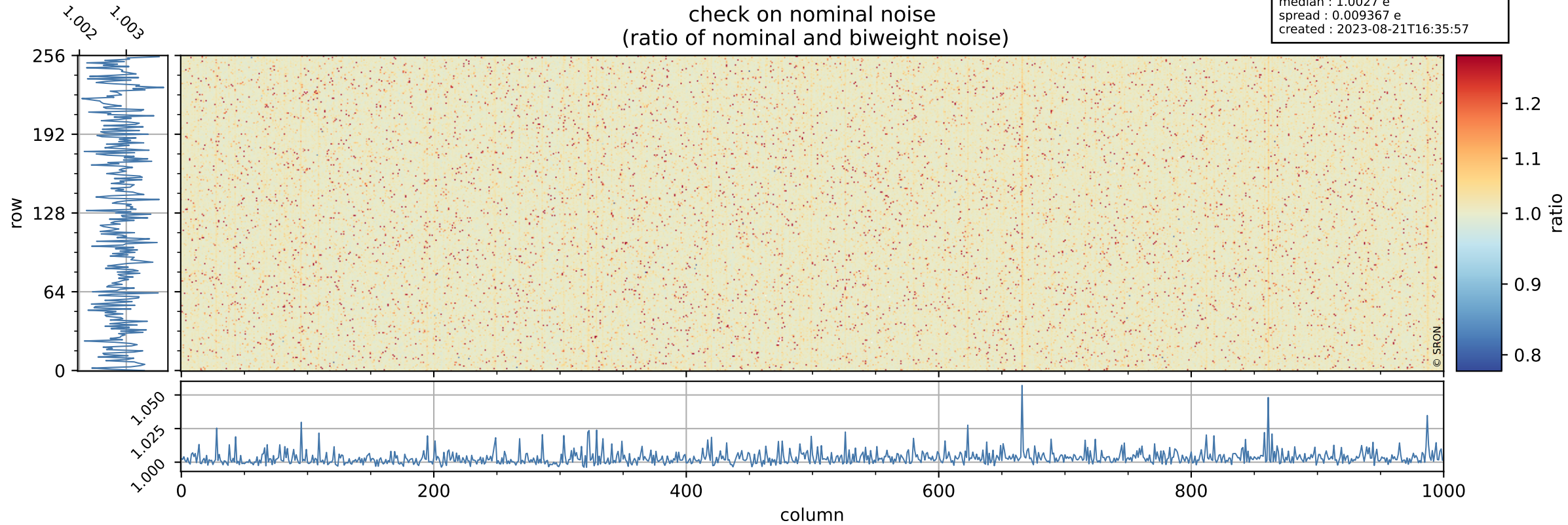
orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
median : 0.99815 e
spread : 0.0079272 e
created : 2023-08-21T16:35:56



Tropomi SWIR background noise (swir)

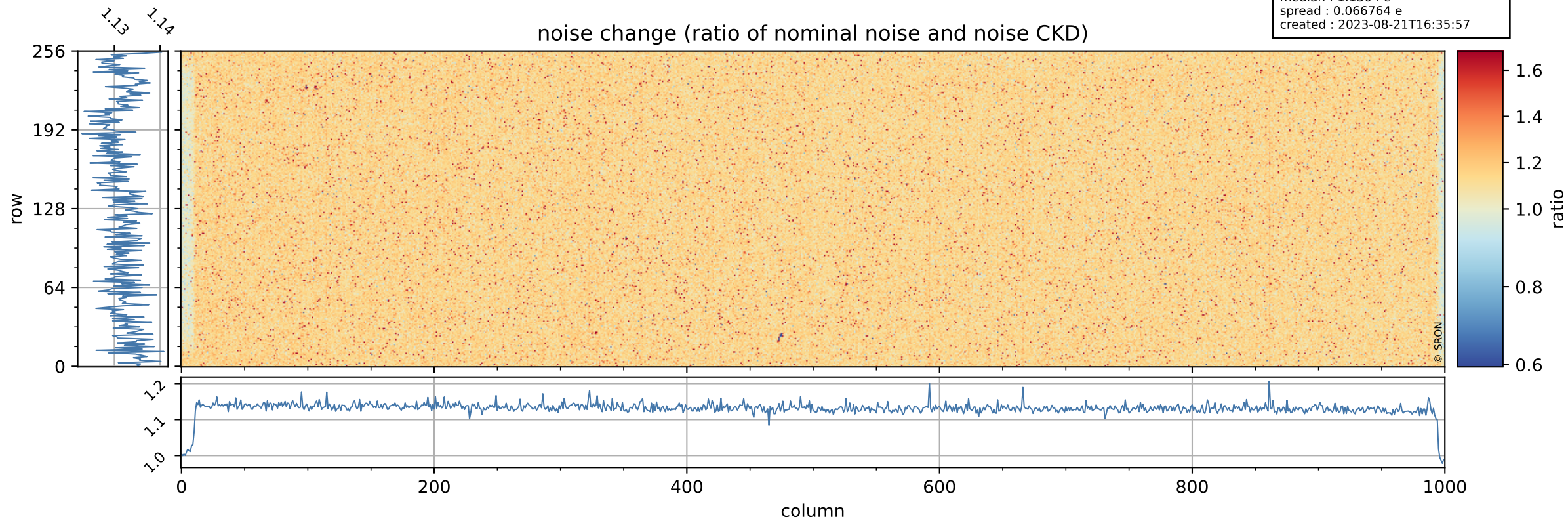
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
median : 1.0027 e
spread : 0.009367 e
created : 2023-08-21T16:35:57



Tropomi SWIR background noise (swir)

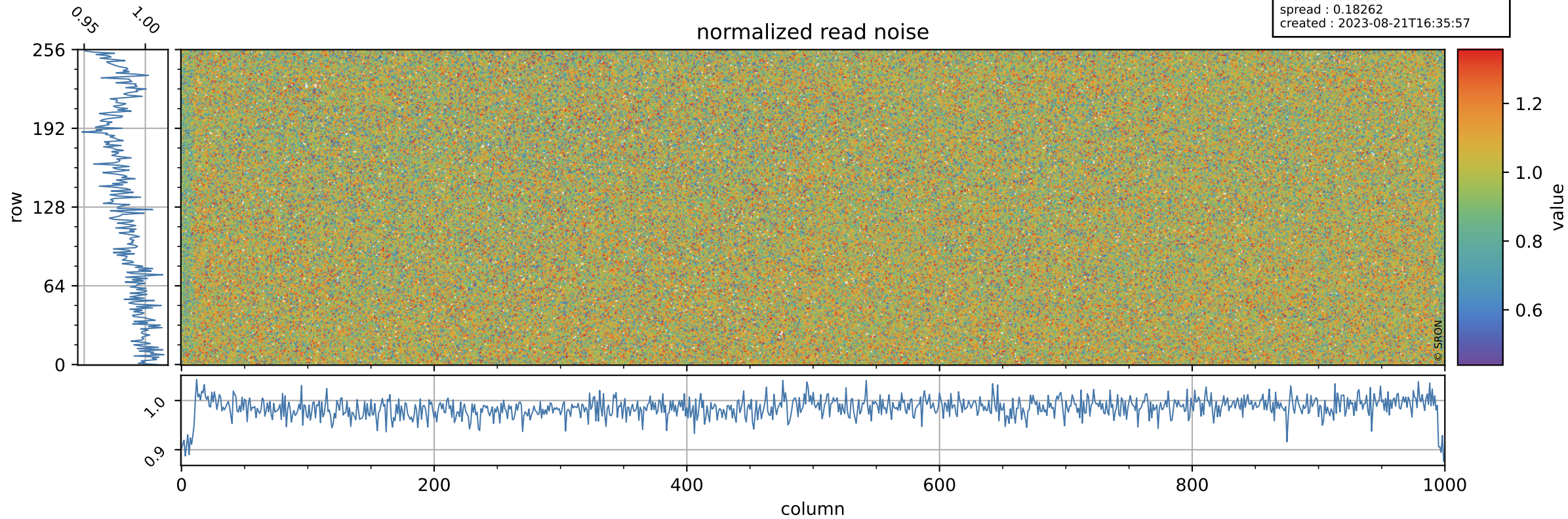
orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
median : 1.1304 e
spread : 0.066764 e
created : 2023-08-21T16:35:57



Tropomi SWIR background noise (swir)

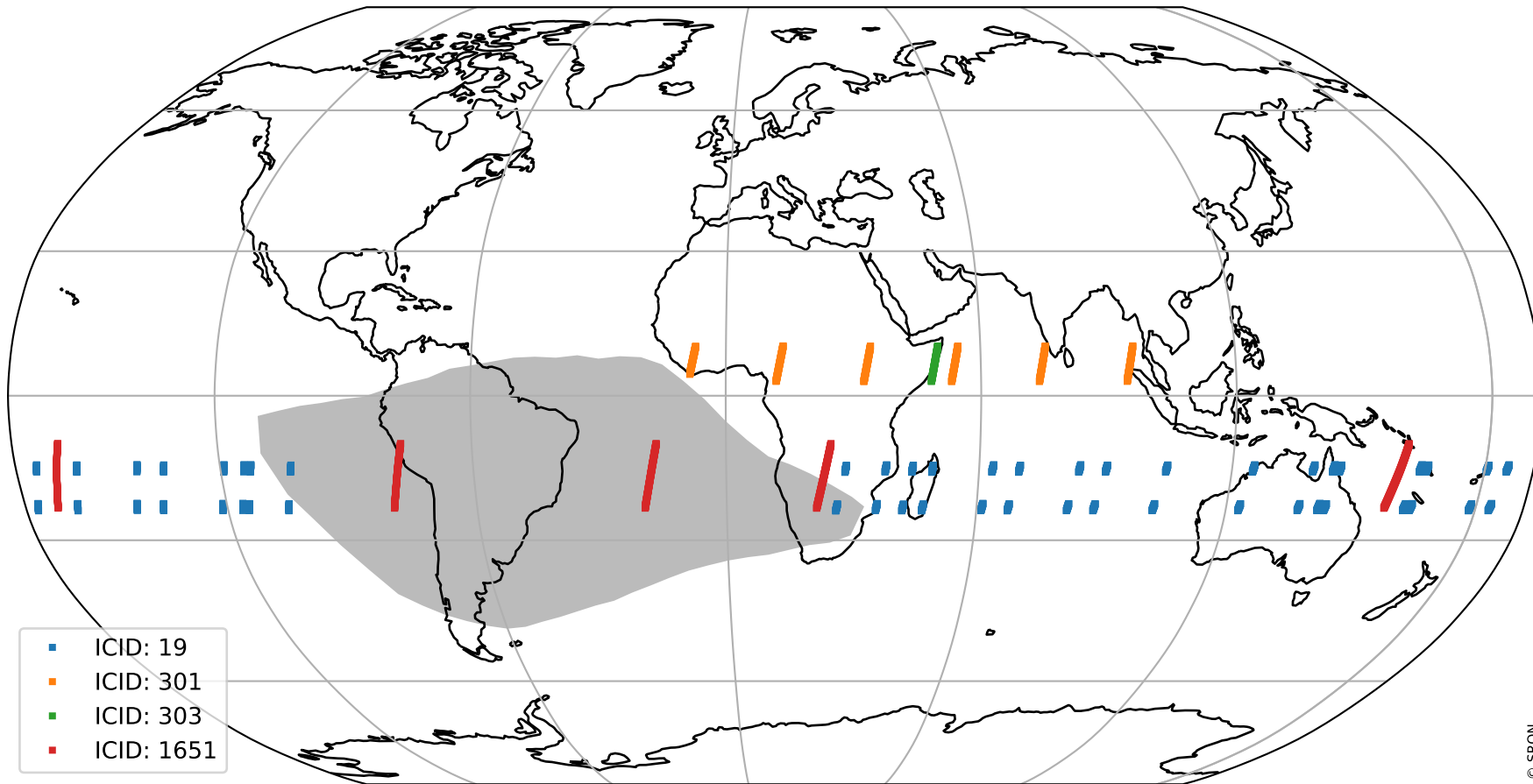
orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
median : 0.98331
spread : 0.18262
created : 2023-08-21T16:35:57

normalized read noise



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

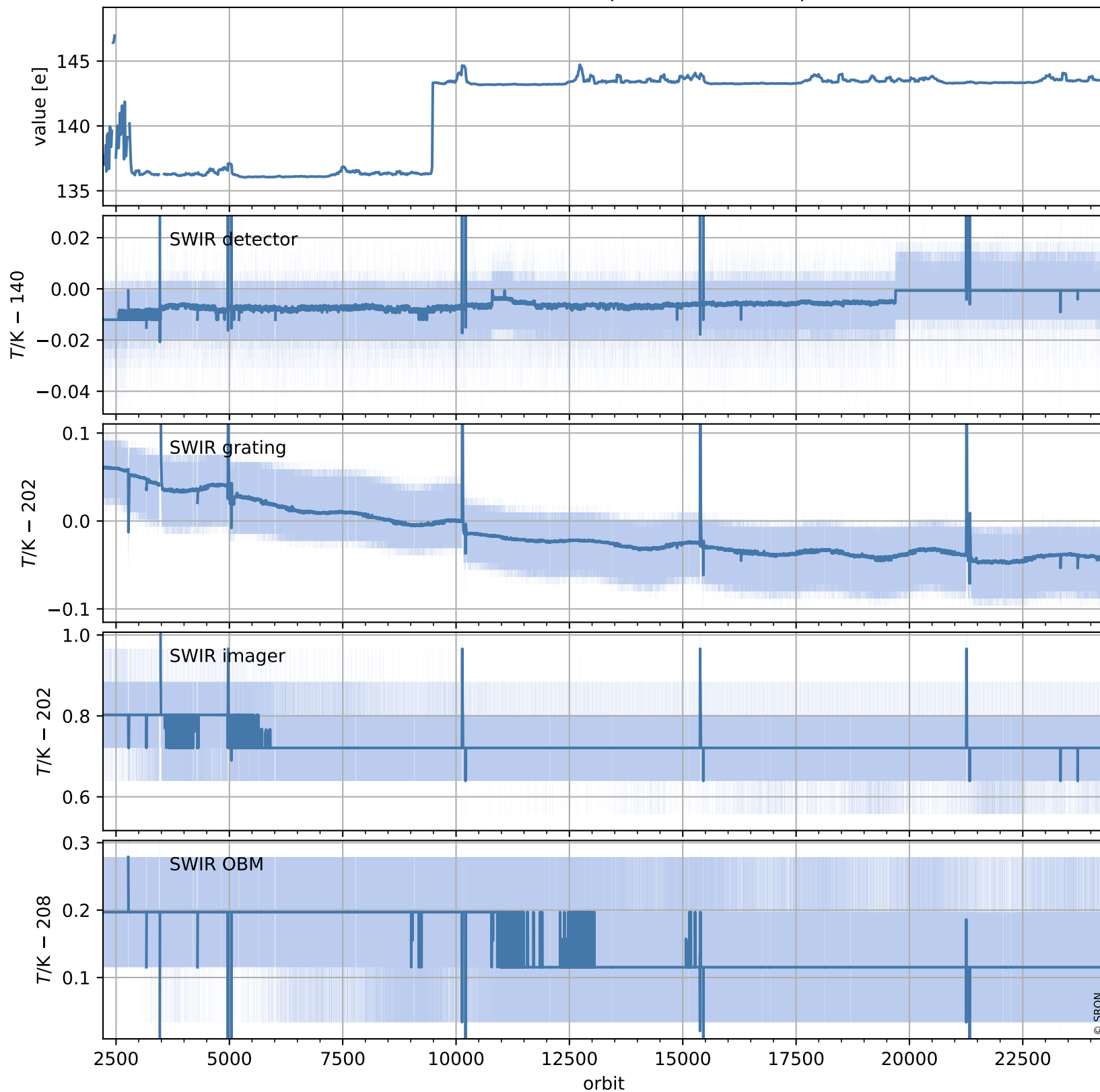
orbits : 12 in [24232, 24307]
coverage : 2022-06-16 / 2022-06-22
created : 2023-08-21T16:35:57



Tropomi SWIR background noise (swir)

orbits : [2212, 24307]
coverage : 2018-03-18 / 2022-06-22
created : 2023-08-21T16:35:58

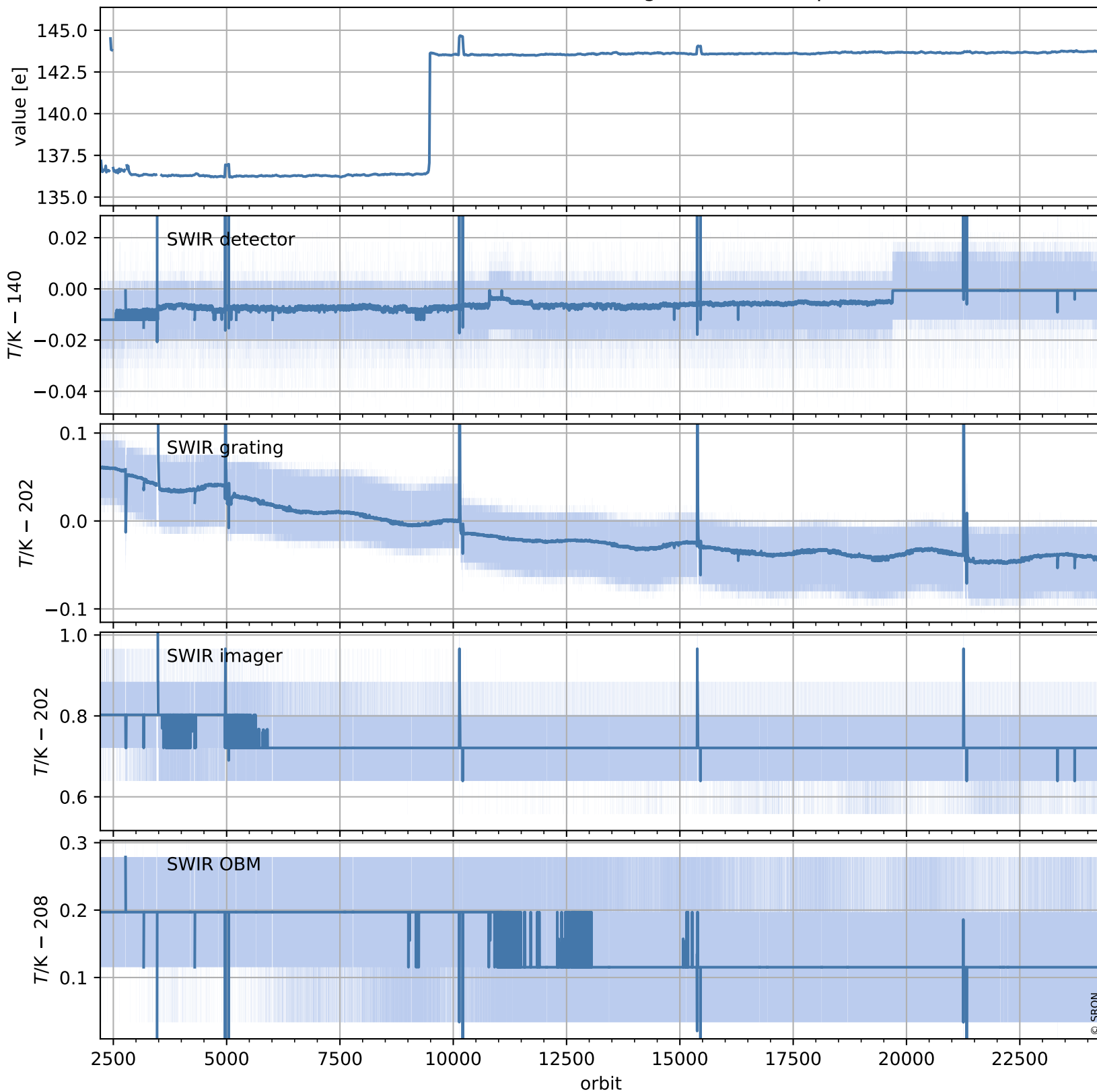
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24307]
coverage : 2018-03-18 / 2022-06-22
created : 2023-08-21T16:35:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24307]
coverage : 2018-03-18 / 2022-06-22
created : 2023-08-21T16:36:00

trend of normalized read-noise & temperatures

