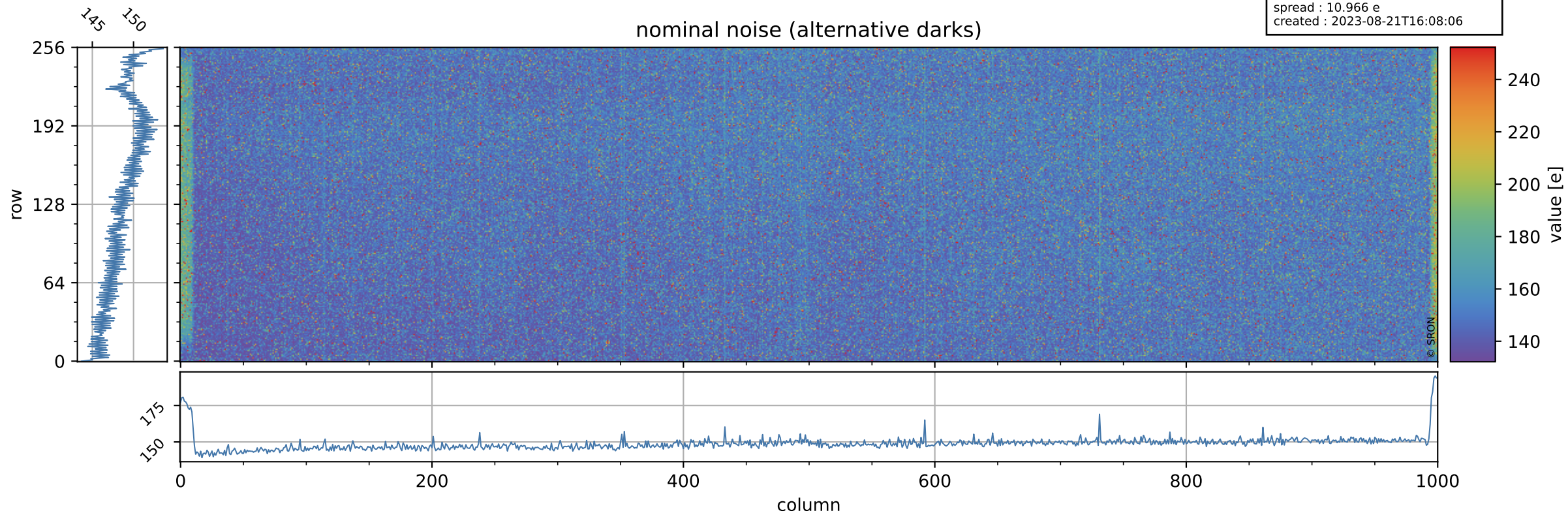


Tropomi SWIR background noise (swir)

orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.966 e
created : 2023-08-21T16:08:06

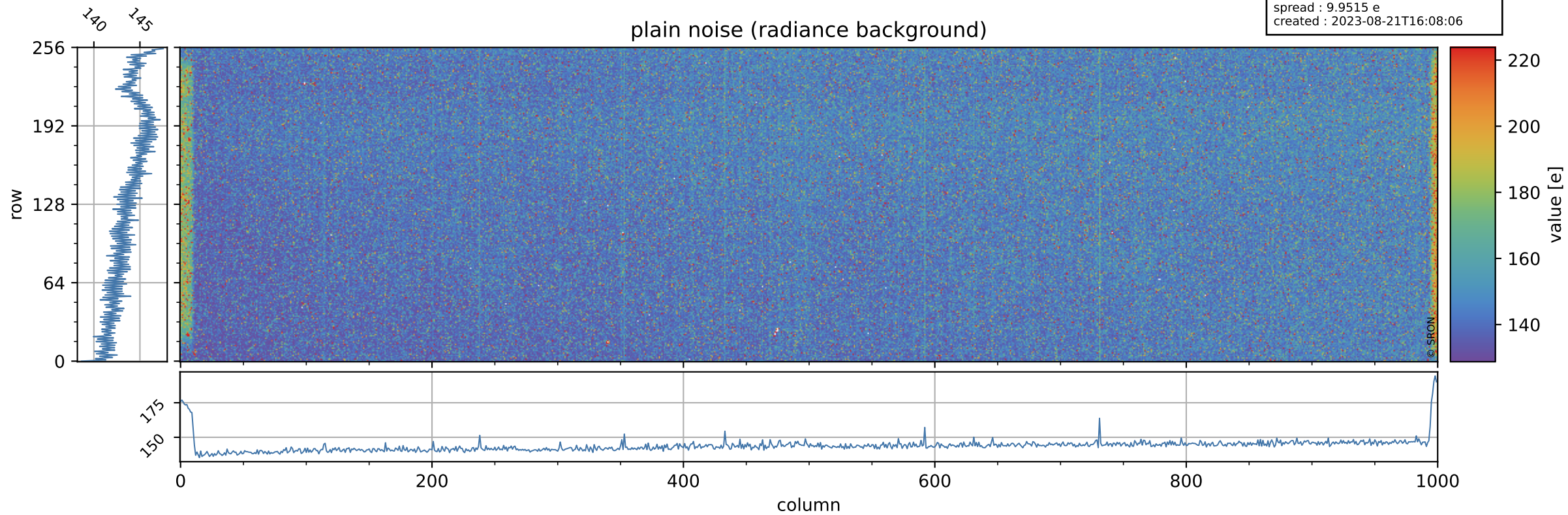
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.9515 e
created : 2023-08-21T16:08:06

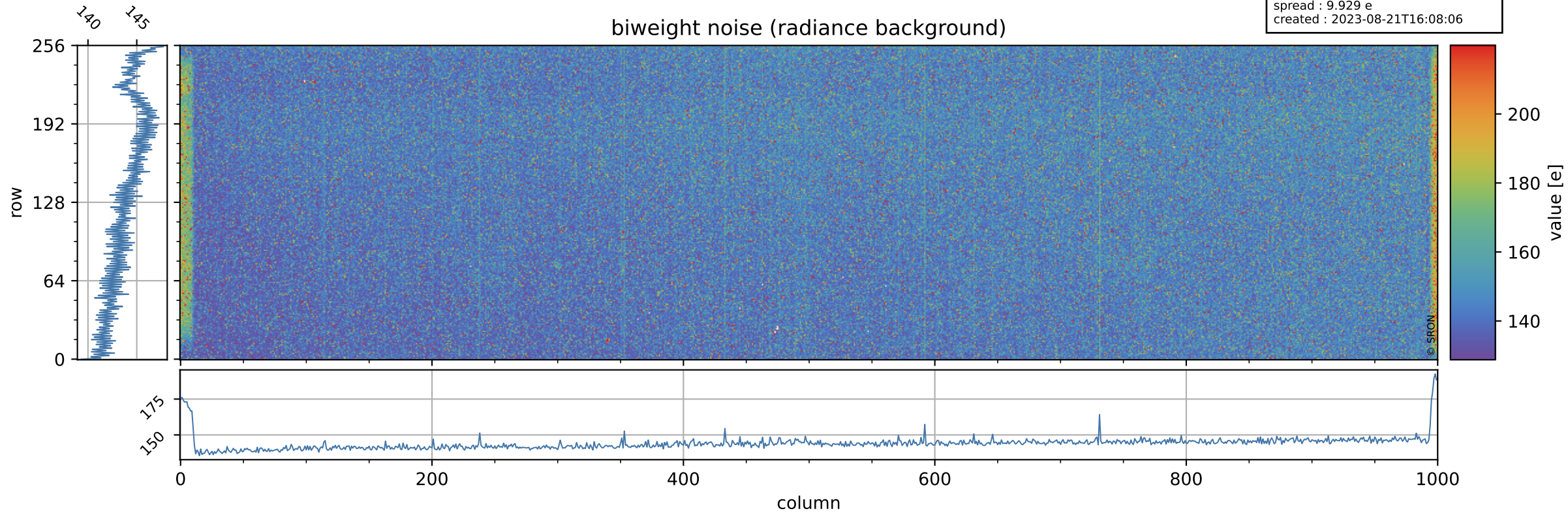
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.929 e
created : 2023-08-21T16:08:06

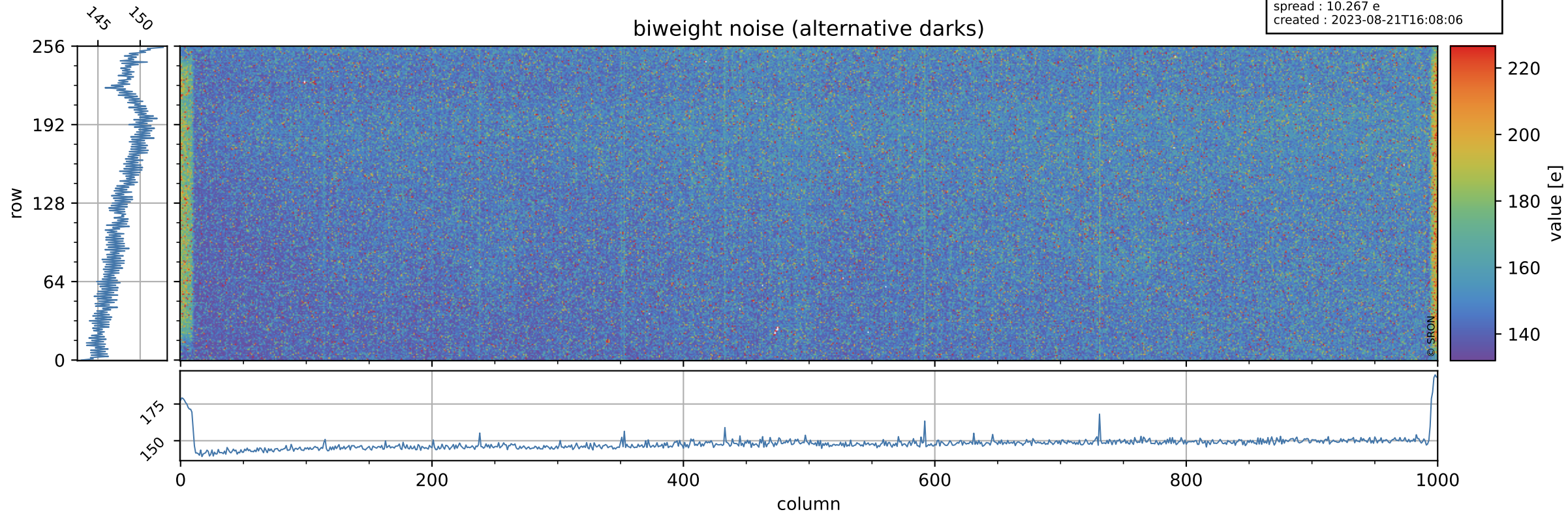
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.267 e
created : 2023-08-21T16:08:06

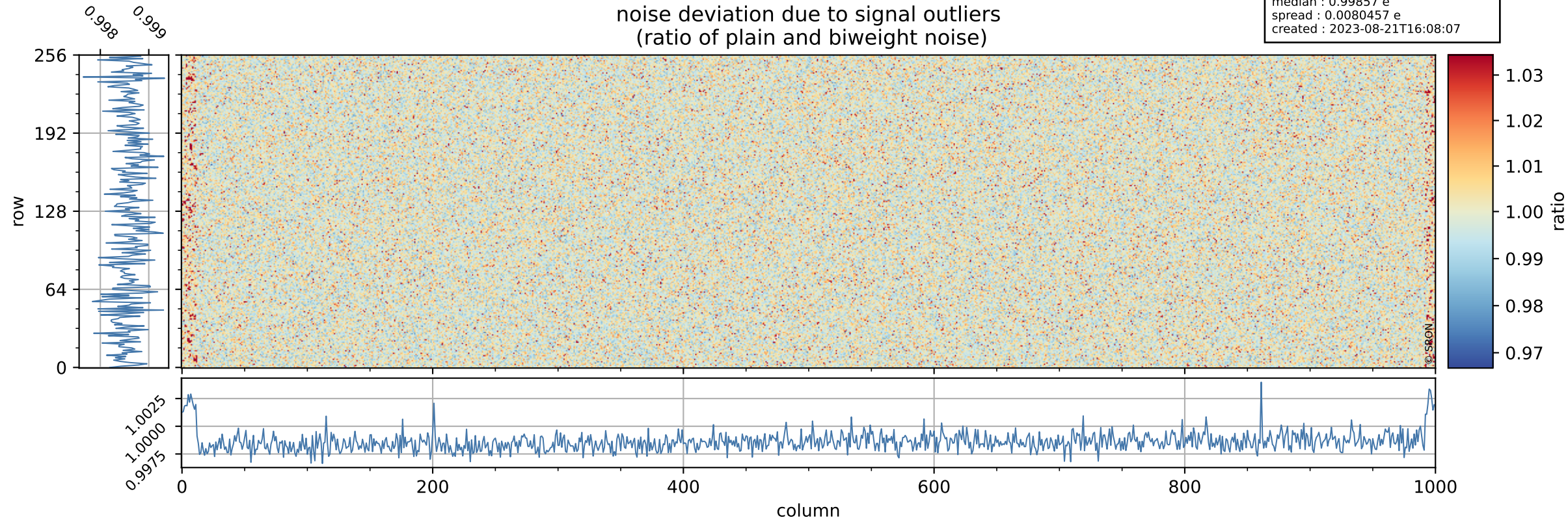
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

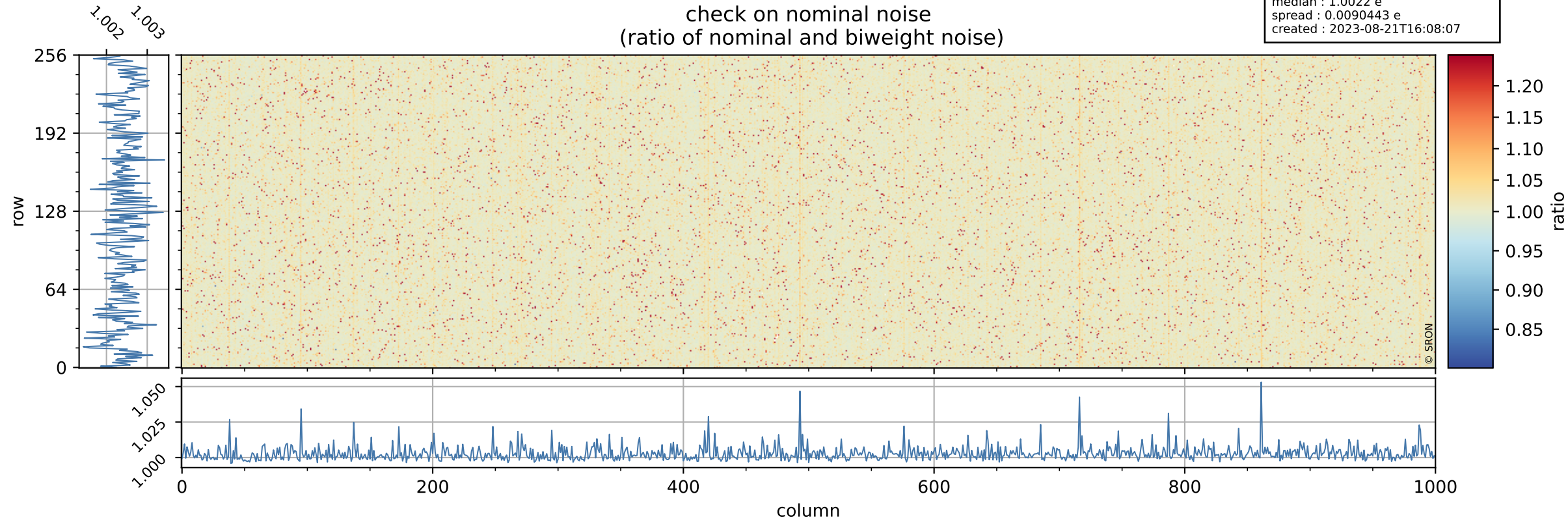
orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
median : 0.99857 e
spread : 0.0080457 e
created : 2023-08-21T16:08:07



Tropomi SWIR background noise (swir)

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

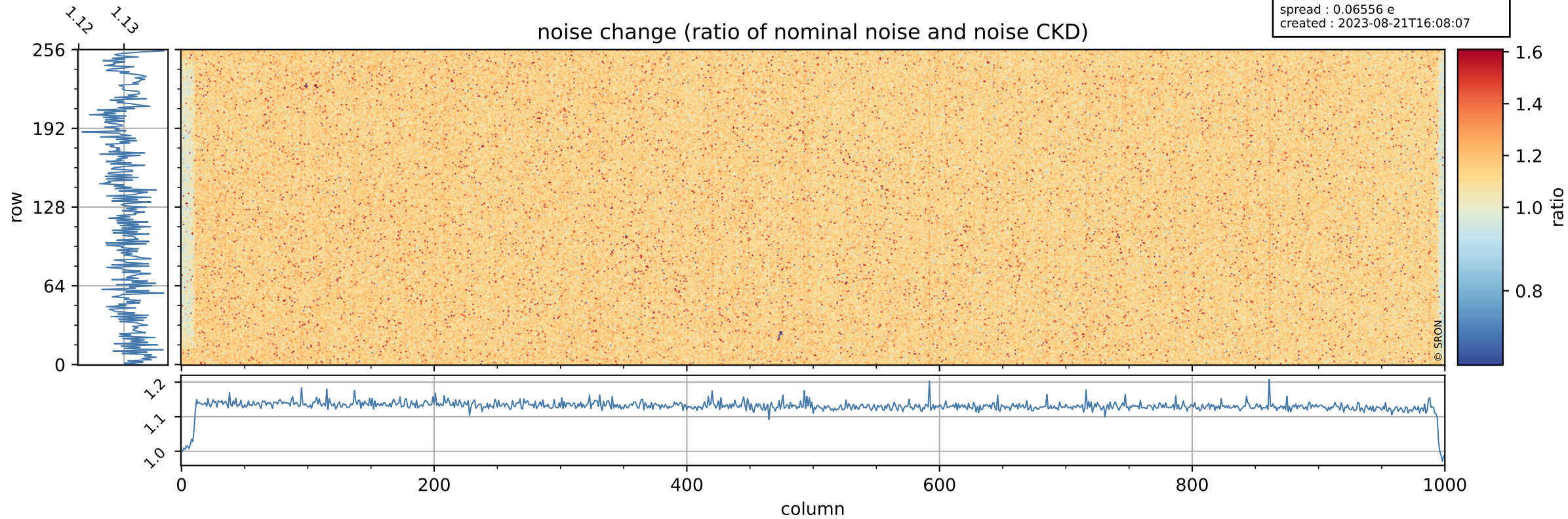
orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
median : 1.0022 e
spread : 0.0090443 e
created : 2023-08-21T16:08:07



Tropomi SWIR background noise (swir)

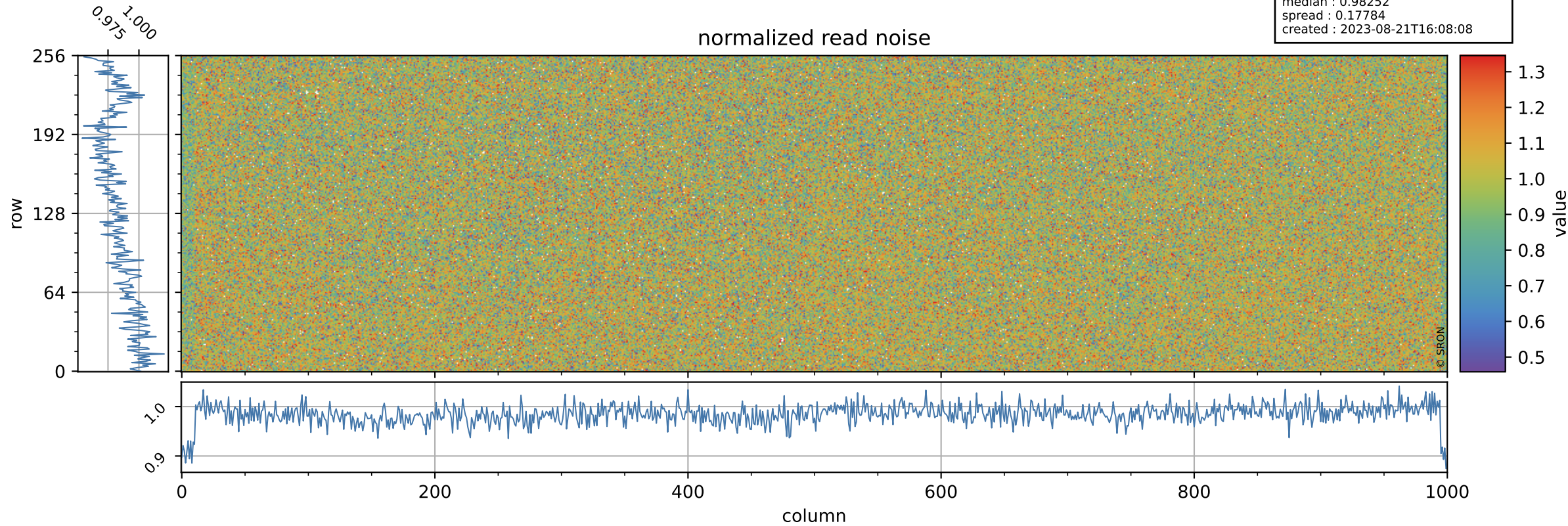
orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
median : 1.1297 e
spread : 0.06556 e
created : 2023-08-21T16:08:07

noise change (ratio of nominal noise and noise CKD)



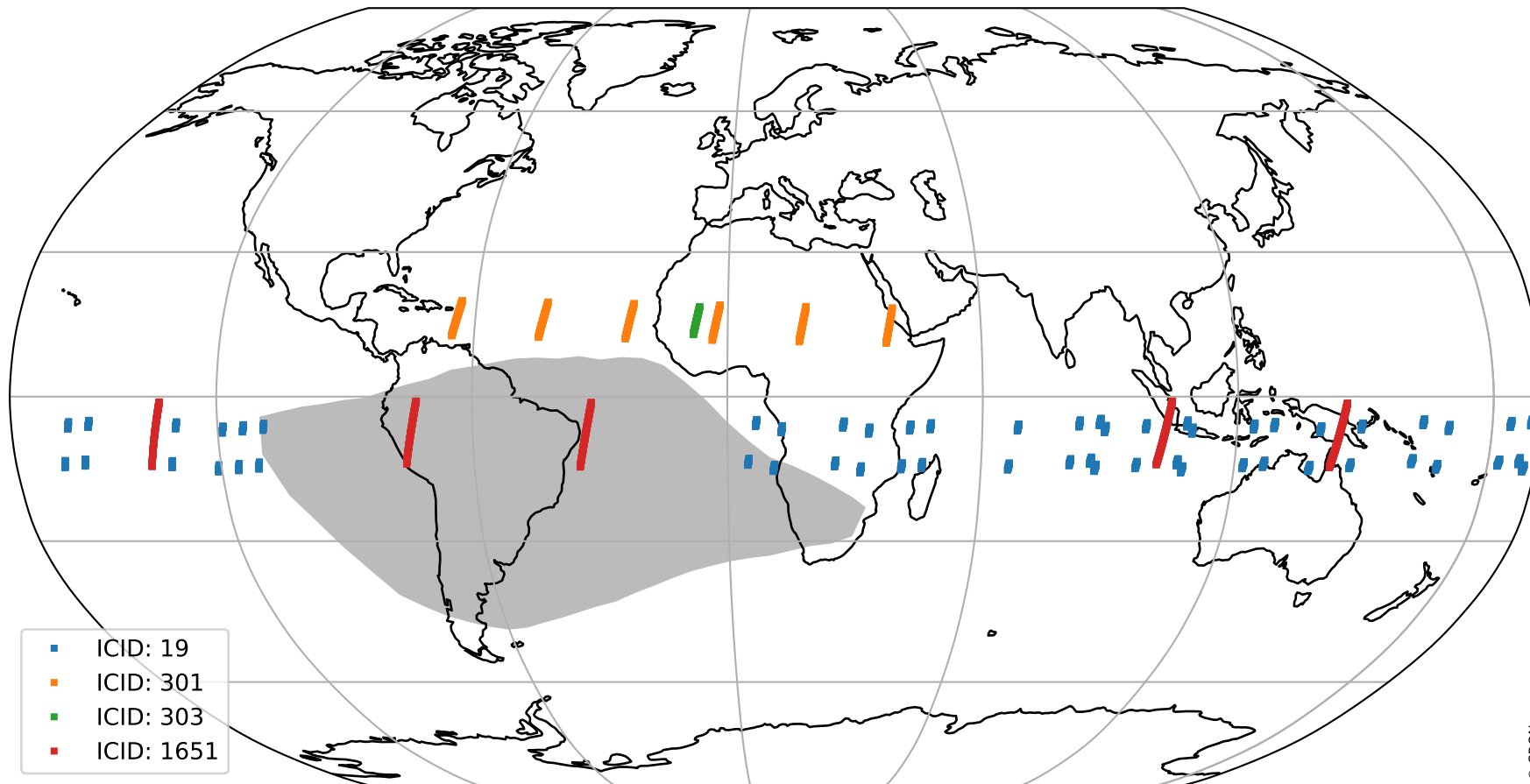
Tropomi SWIR background noise (swir)

orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
median : 0.98252
spread : 0.17784
created : 2023-08-21T16:08:08



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

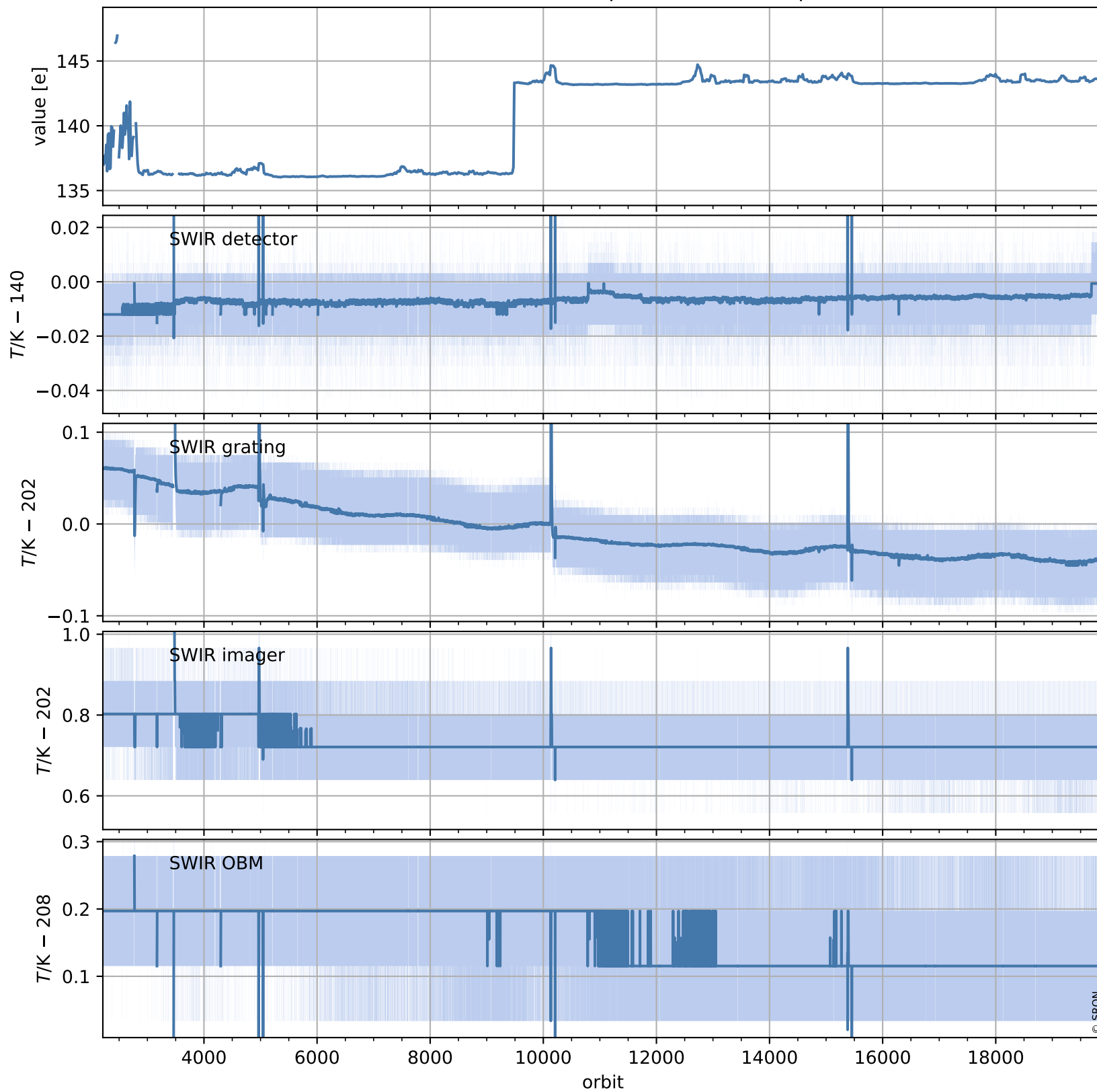
orbits : 12 in [19822, 19897]
coverage : 2021-08-09 / 2021-08-15
created : 2023-08-21T16:08:08



Tropomi SWIR background noise (swir)

orbits : [2212, 19897]
coverage : 2018-03-18 / 2021-08-15
created : 2023-08-21T16:08:08

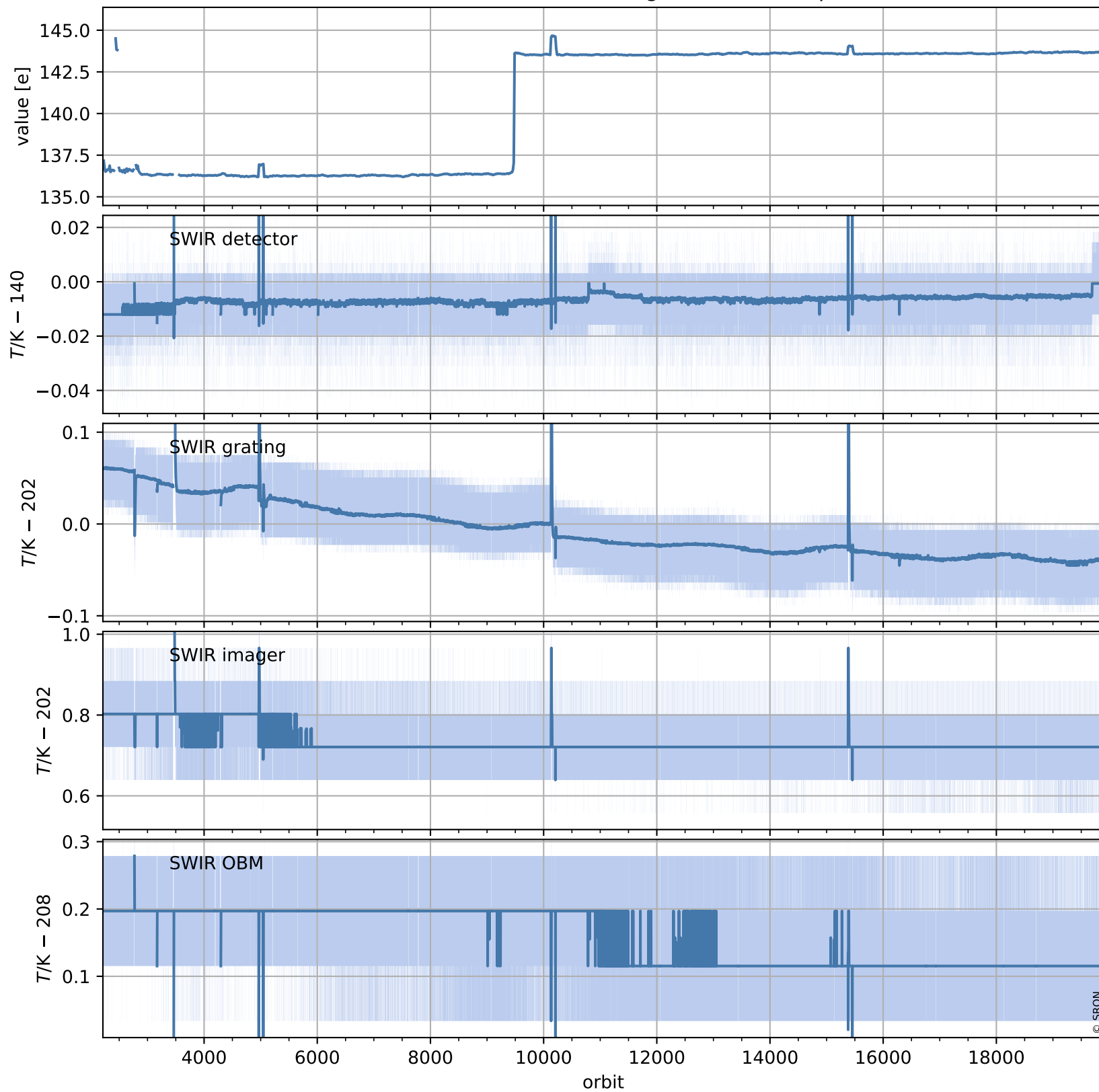
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19897]
coverage : 2018-03-18 / 2021-08-15
created : 2023-08-21T16:08:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19897]
coverage : 2018-03-18 / 2021-08-15
created : 2023-08-21T16:08:10

trend of normalized read-noise & temperatures

