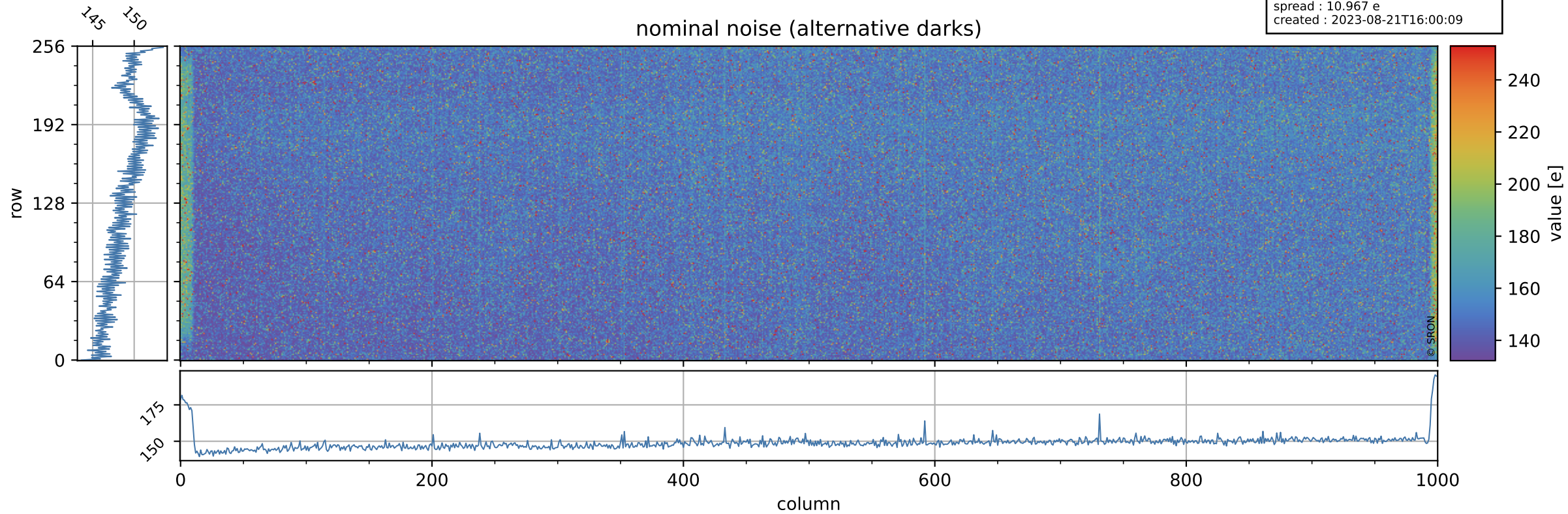


Tropomi SWIR background noise (swir)

orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.967 e
created : 2023-08-21T16:00:09

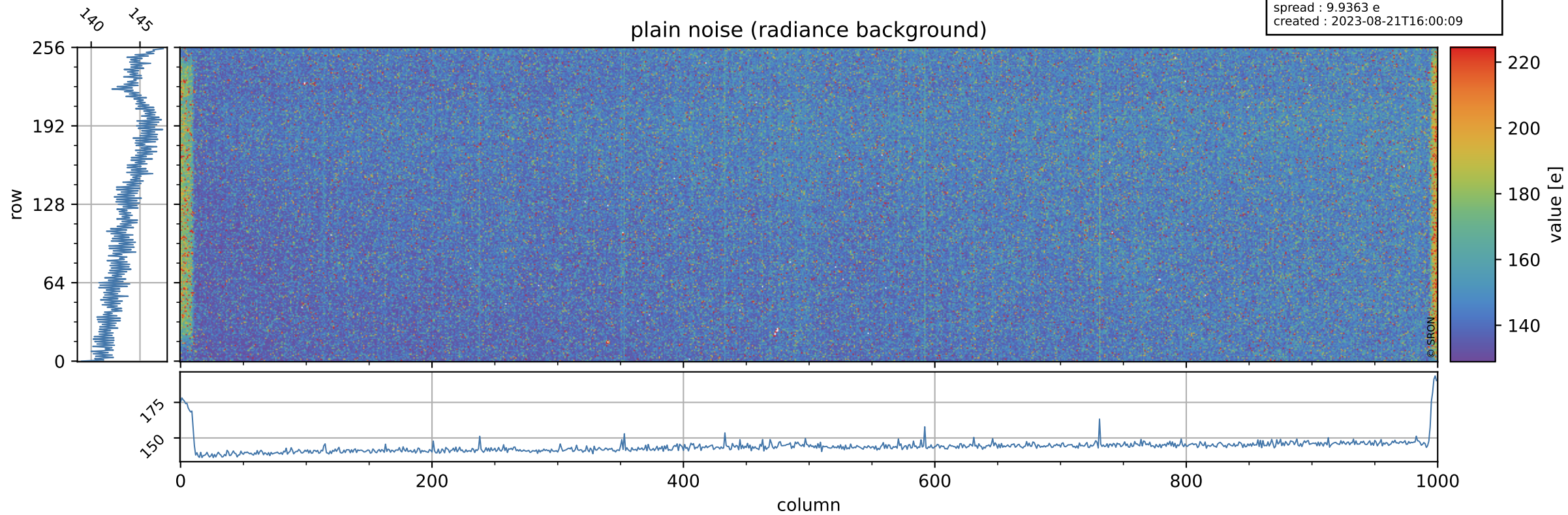
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.9363 e
created : 2023-08-21T16:00:09

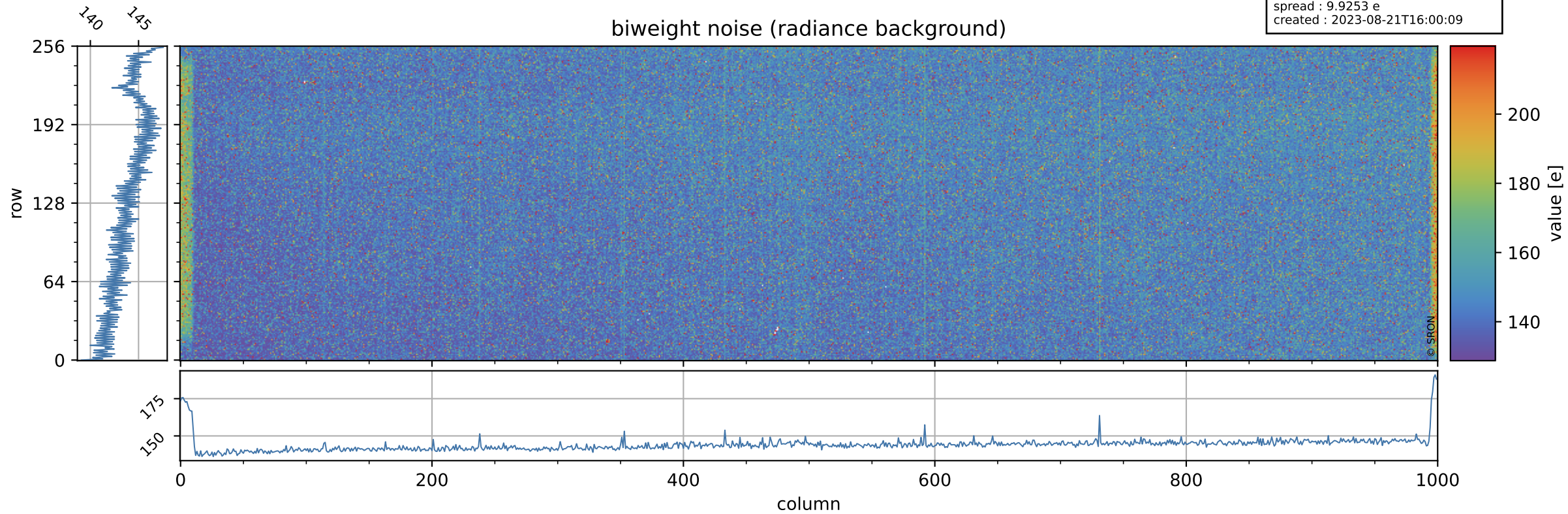
plain noise (radiance background)



Tropomi SWIR background noise (swir)

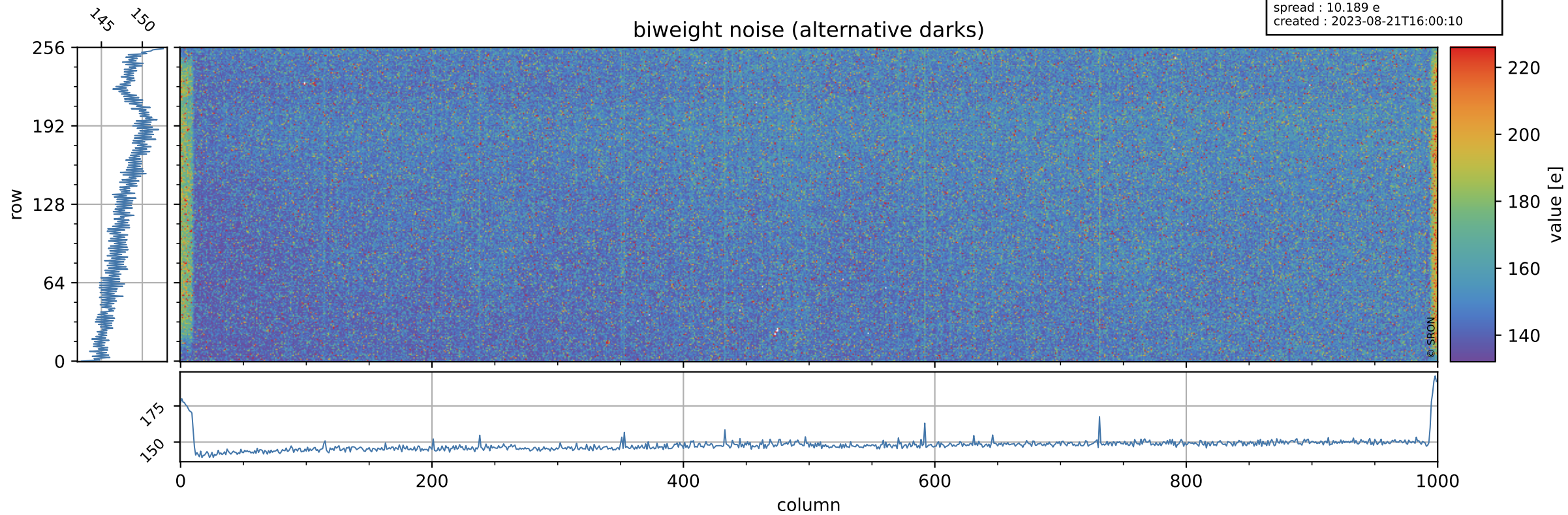
orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9253 e
created : 2023-08-21T16:00:09

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

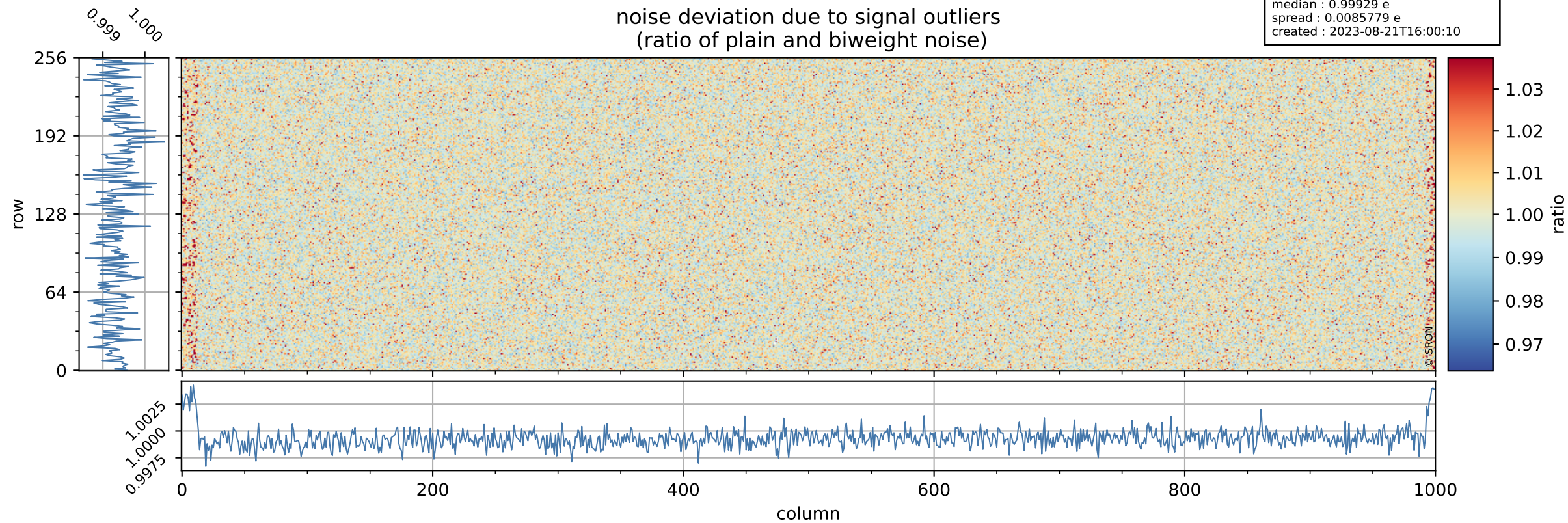
orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.189 e
created : 2023-08-21T16:00:10



Tropomi SWIR background noise (swir)

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

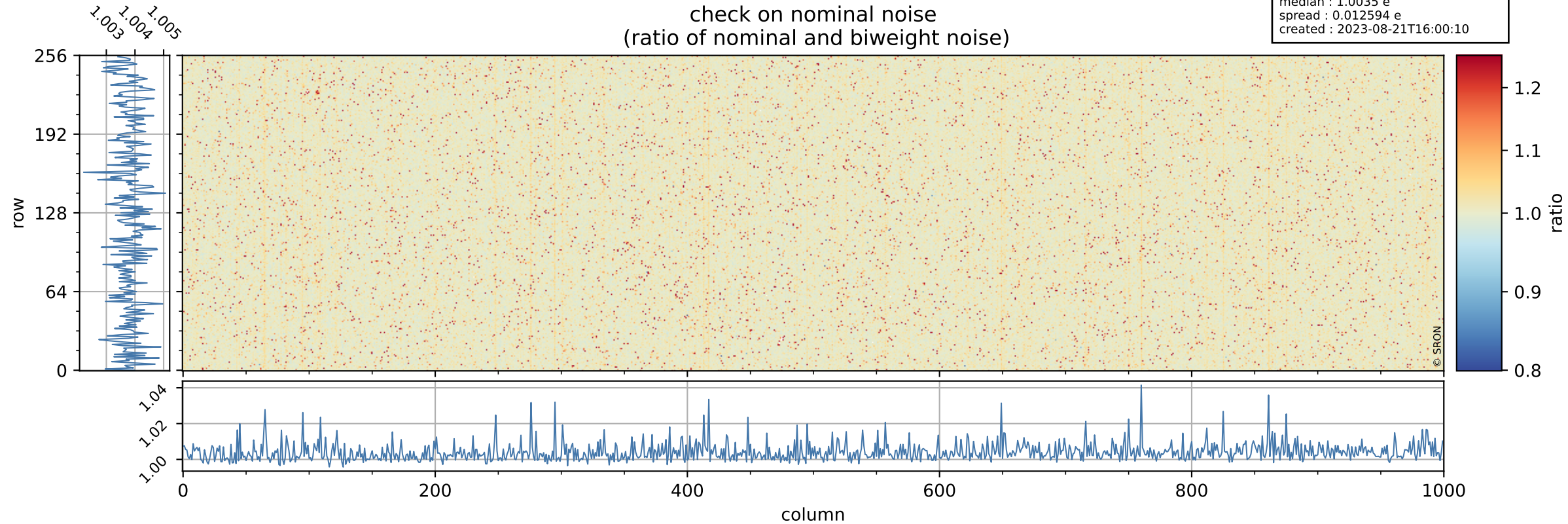
orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
median : 0.99929 e
spread : 0.0085779 e
created : 2023-08-21T16:00:10



Tropomi SWIR background noise (swir)

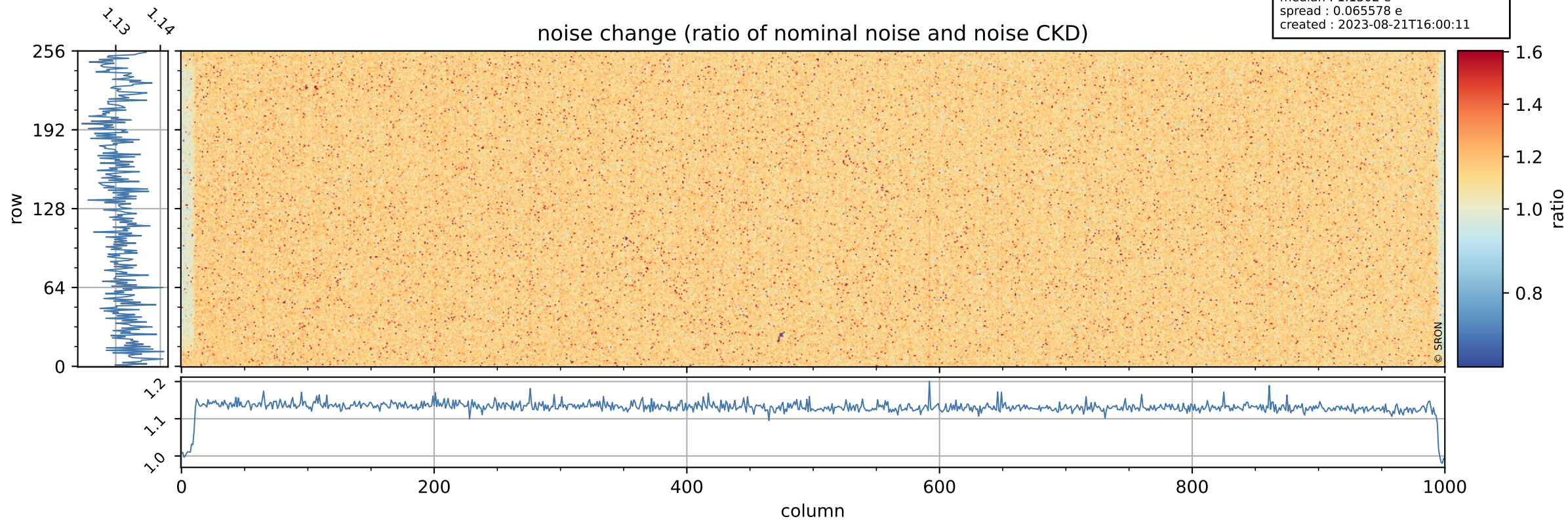
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
median : 1.0035 e
spread : 0.012594 e
created : 2023-08-21T16:00:10



Tropomi SWIR background noise (swir)

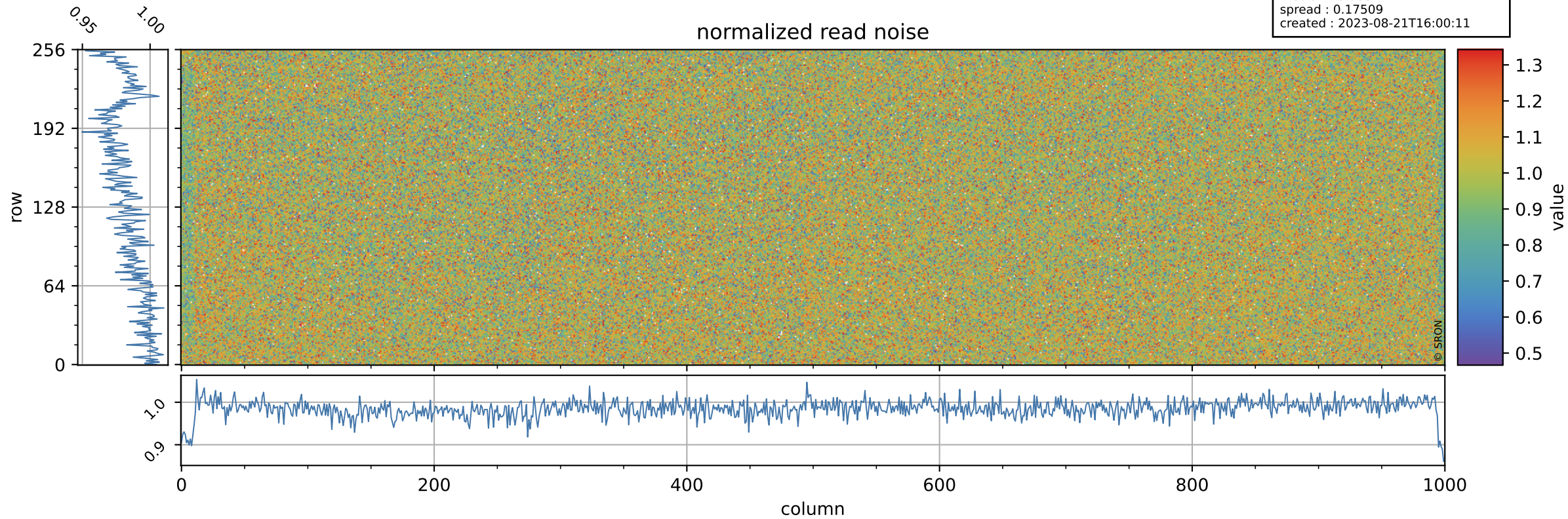
orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
median : 1.1302 e
spread : 0.065578 e
created : 2023-08-21T16:00:11



Tropomi SWIR background noise (swir)

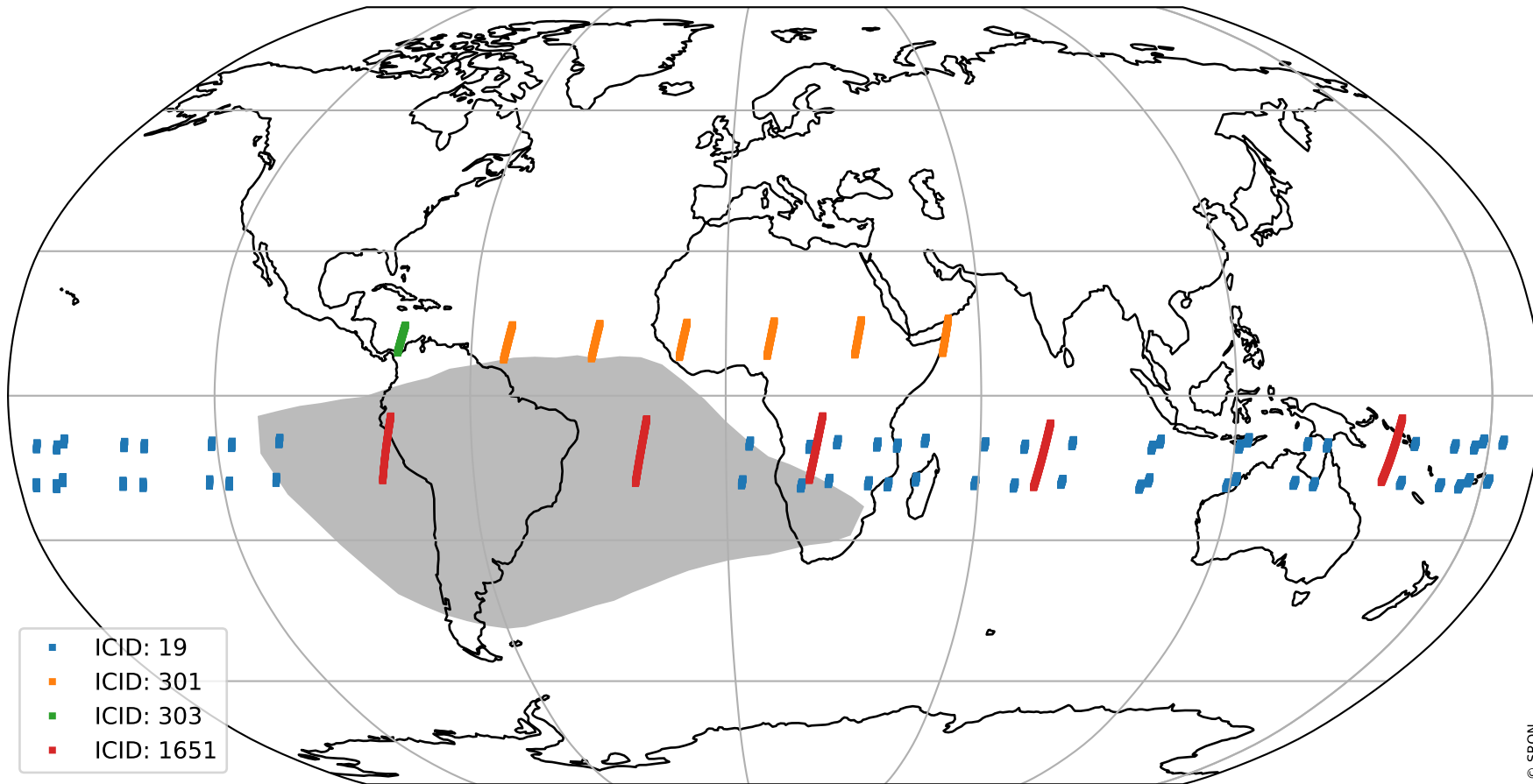
orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
median : 0.9832
spread : 0.17509
created : 2023-08-21T16:00:11

normalized read noise



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

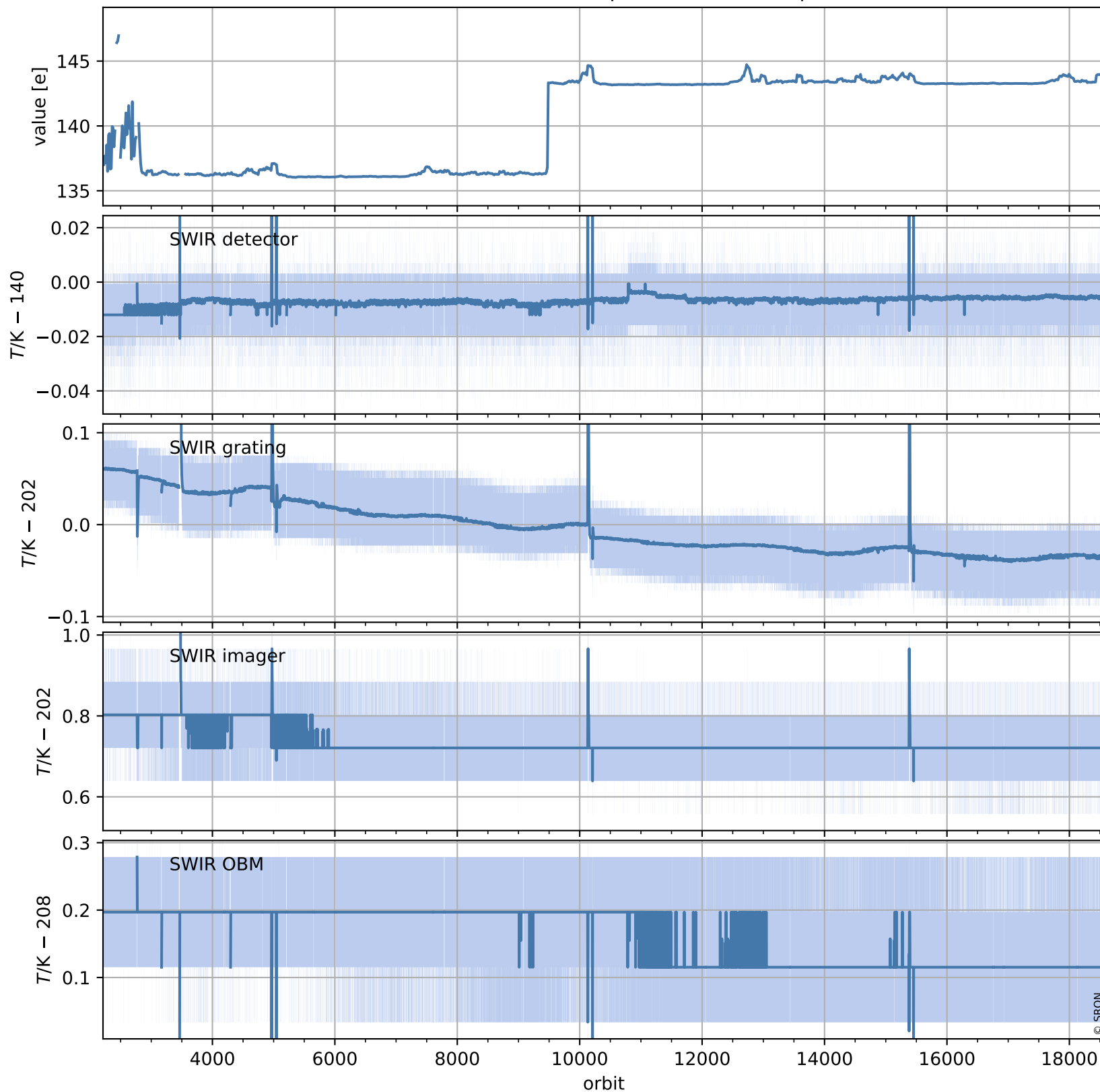
orbits : 12 in [18487, 18577]
coverage : 2021-05-08 / 2021-05-14
created : 2023-08-21T16:00:11



Tropomi SWIR background noise (swir)

orbits : [2212, 18577]
coverage : 2018-03-18 / 2021-05-14
created : 2023-08-21T16:00:12

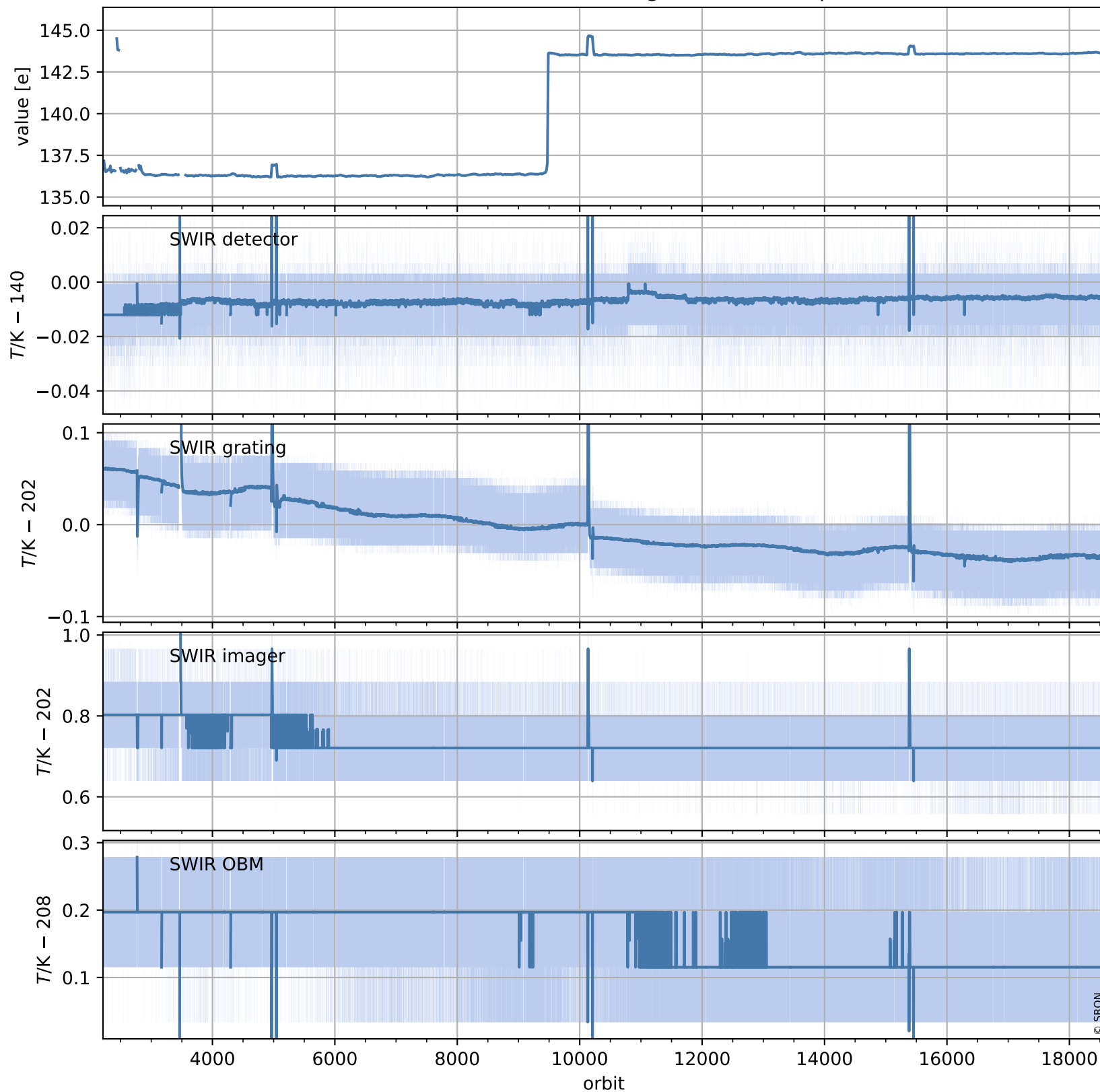
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18577]
coverage : 2018-03-18 / 2021-05-14
created : 2023-08-21T16:00:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18577]
coverage : 2018-03-18 / 2021-05-14
created : 2023-08-21T16:00:13

trend of normalized read-noise & temperatures

