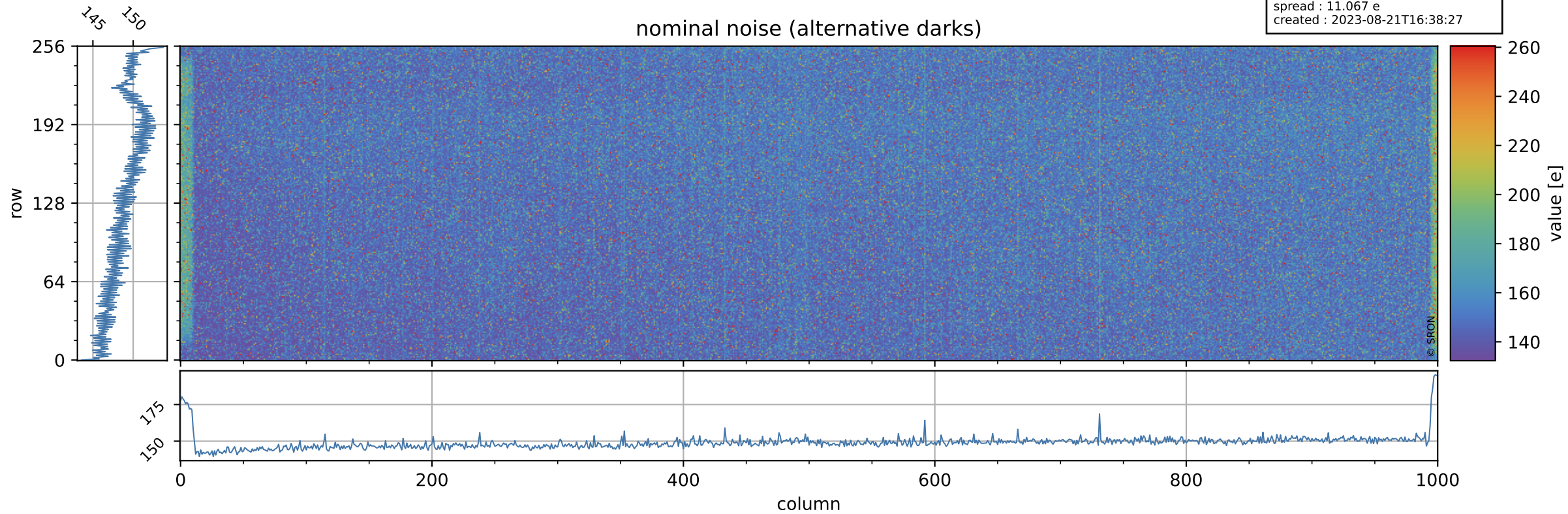


Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.067 e
created : 2023-08-21T16:38:27

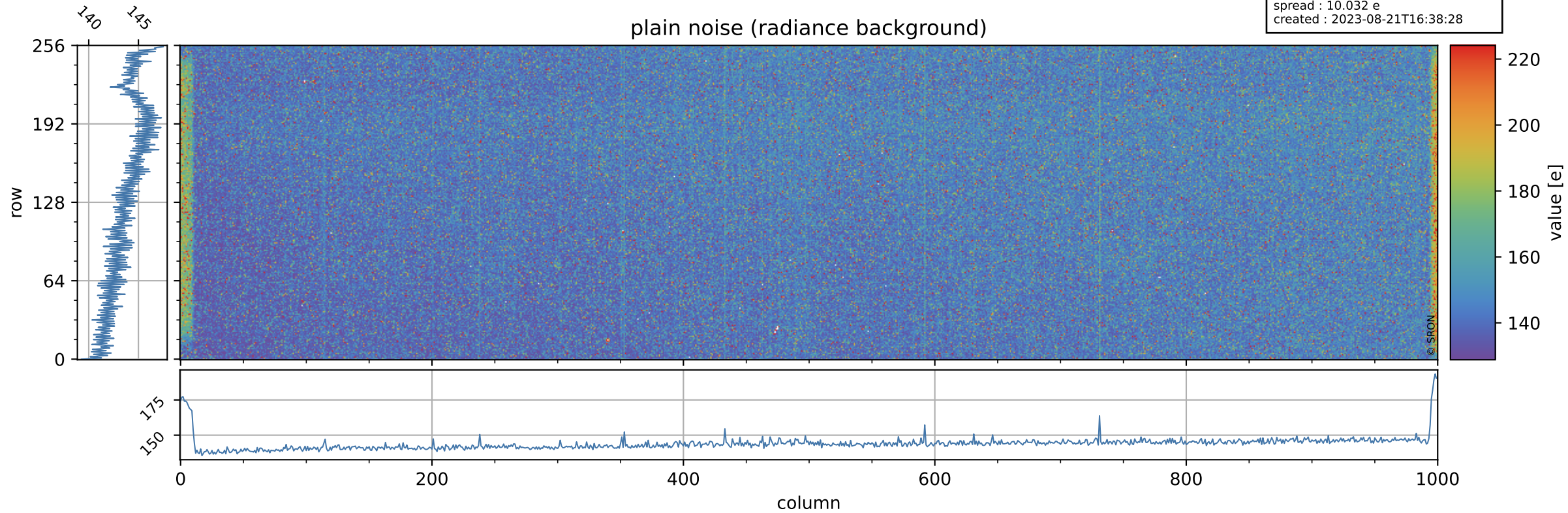
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.032 e
created : 2023-08-21T16:38:28

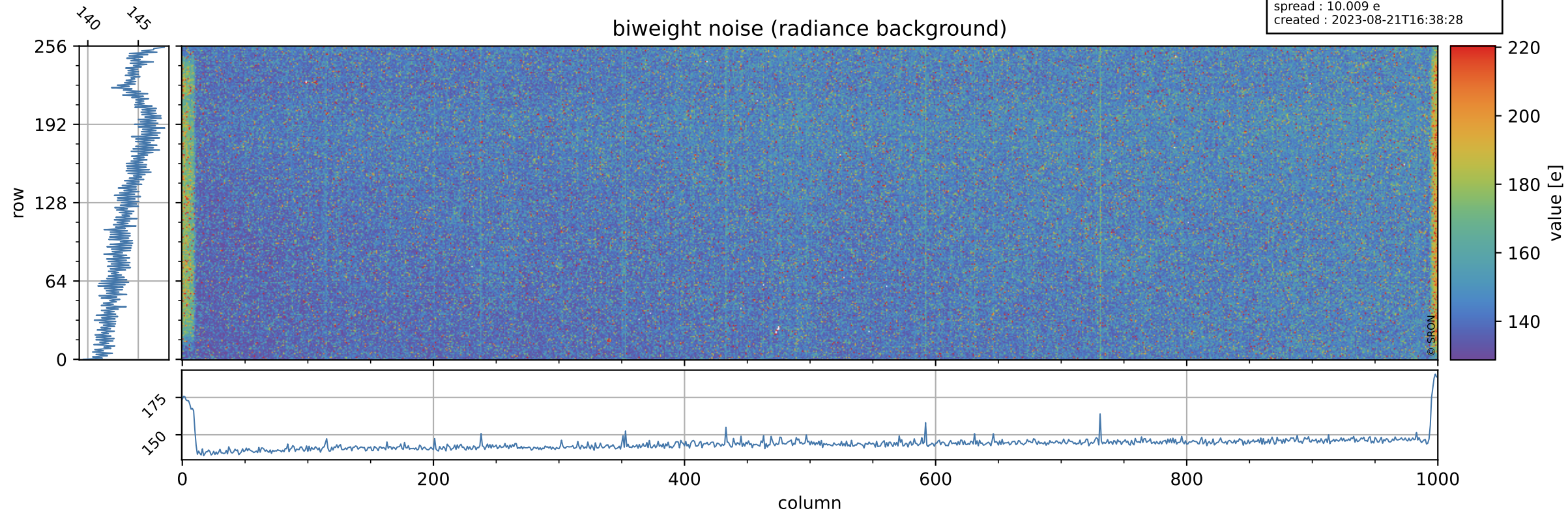
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.009 e
created : 2023-08-21T16:38:28

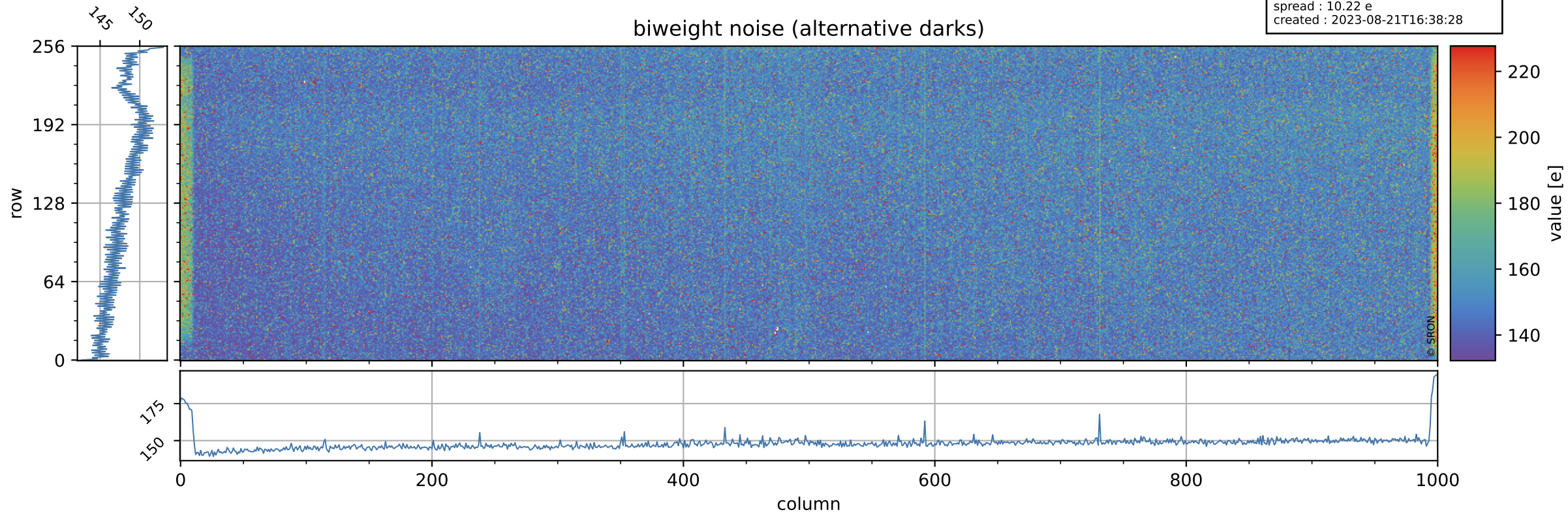
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.22 e
created : 2023-08-21T16:38:28

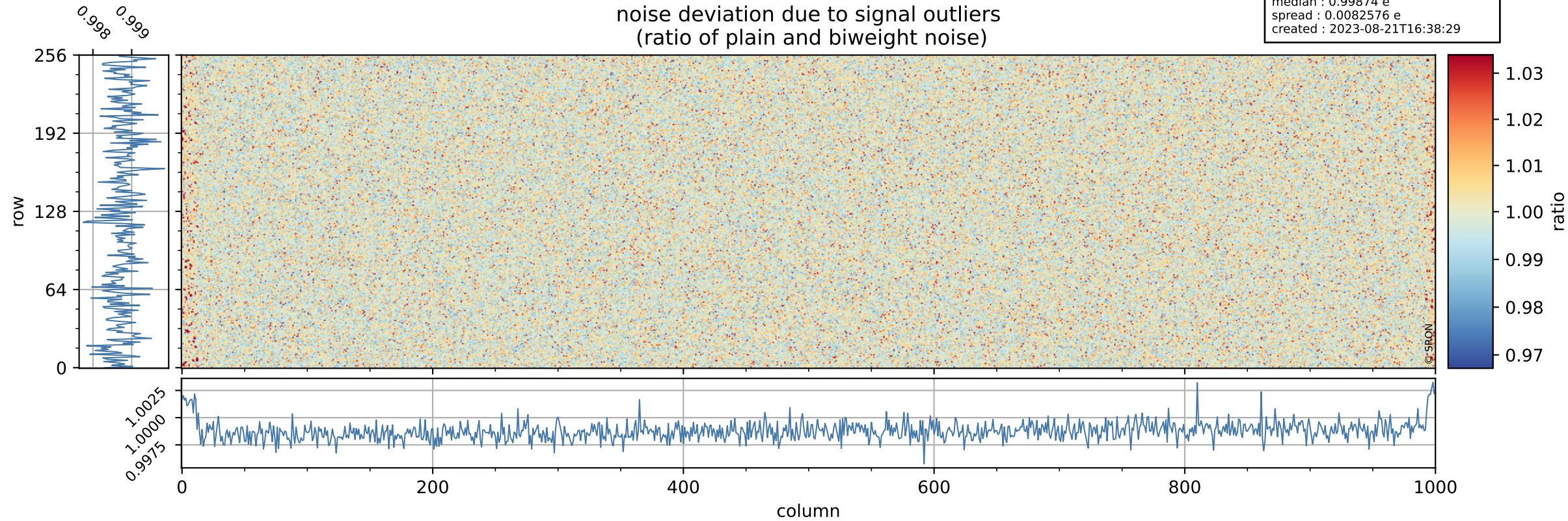
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

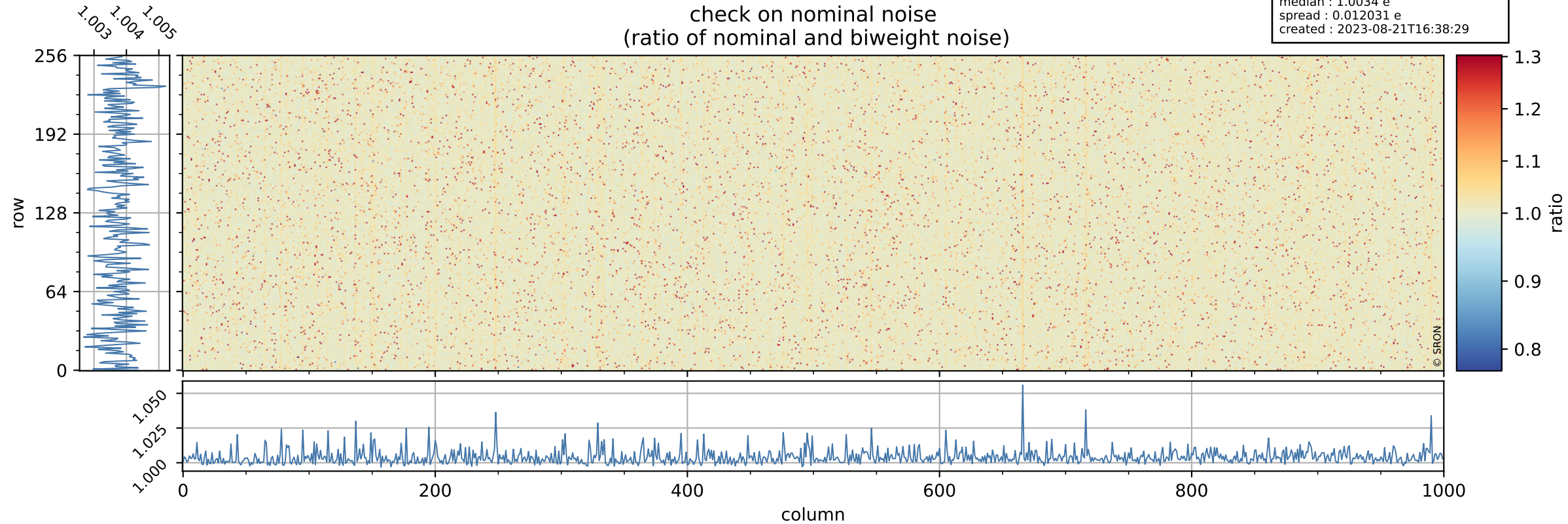
orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
median : 0.99874 e
spread : 0.0082576 e
created : 2023-08-21T16:38:29



Tropomi SWIR background noise (swir)

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

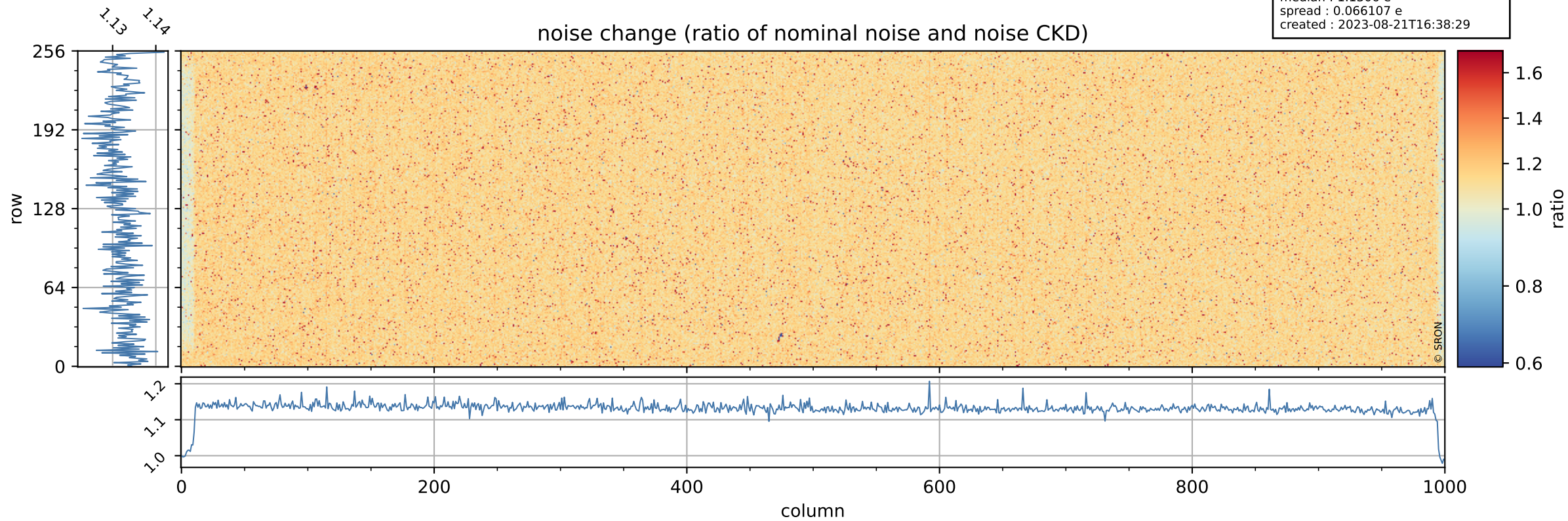
orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
median : 1.0034 e
spread : 0.012031 e
created : 2023-08-21T16:38:29



Tropomi SWIR background noise (swir)

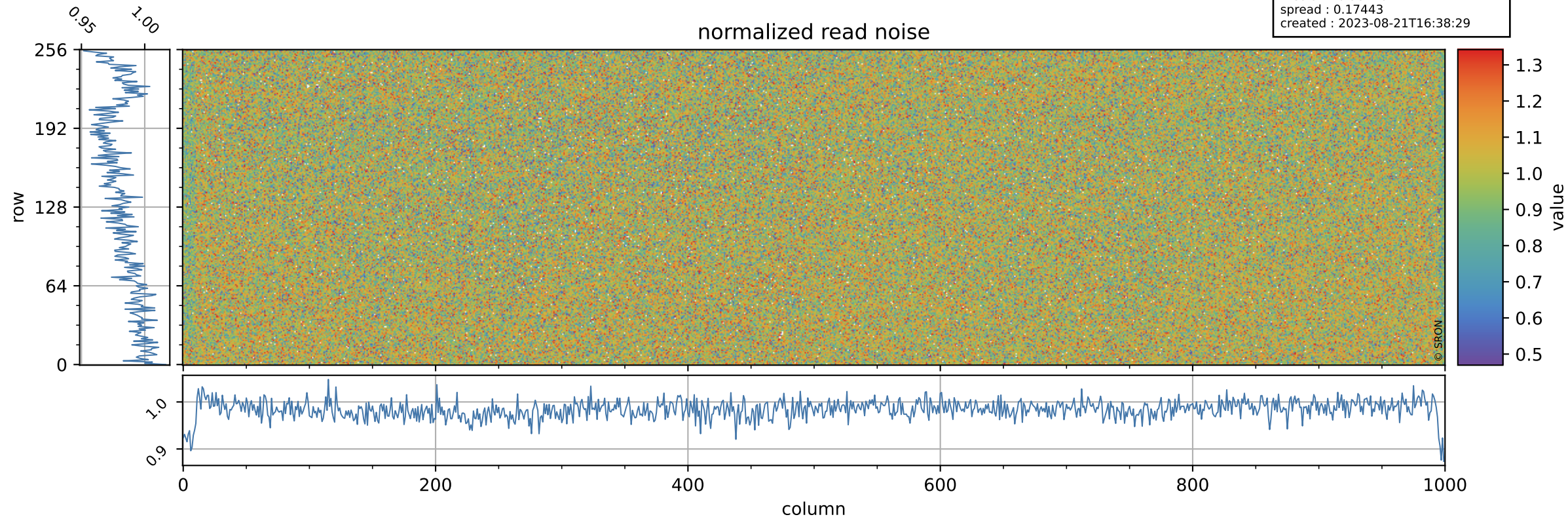
orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
median : 1.1306 e
spread : 0.066107 e
created : 2023-08-21T16:38:29

noise change (ratio of nominal noise and noise CKD)



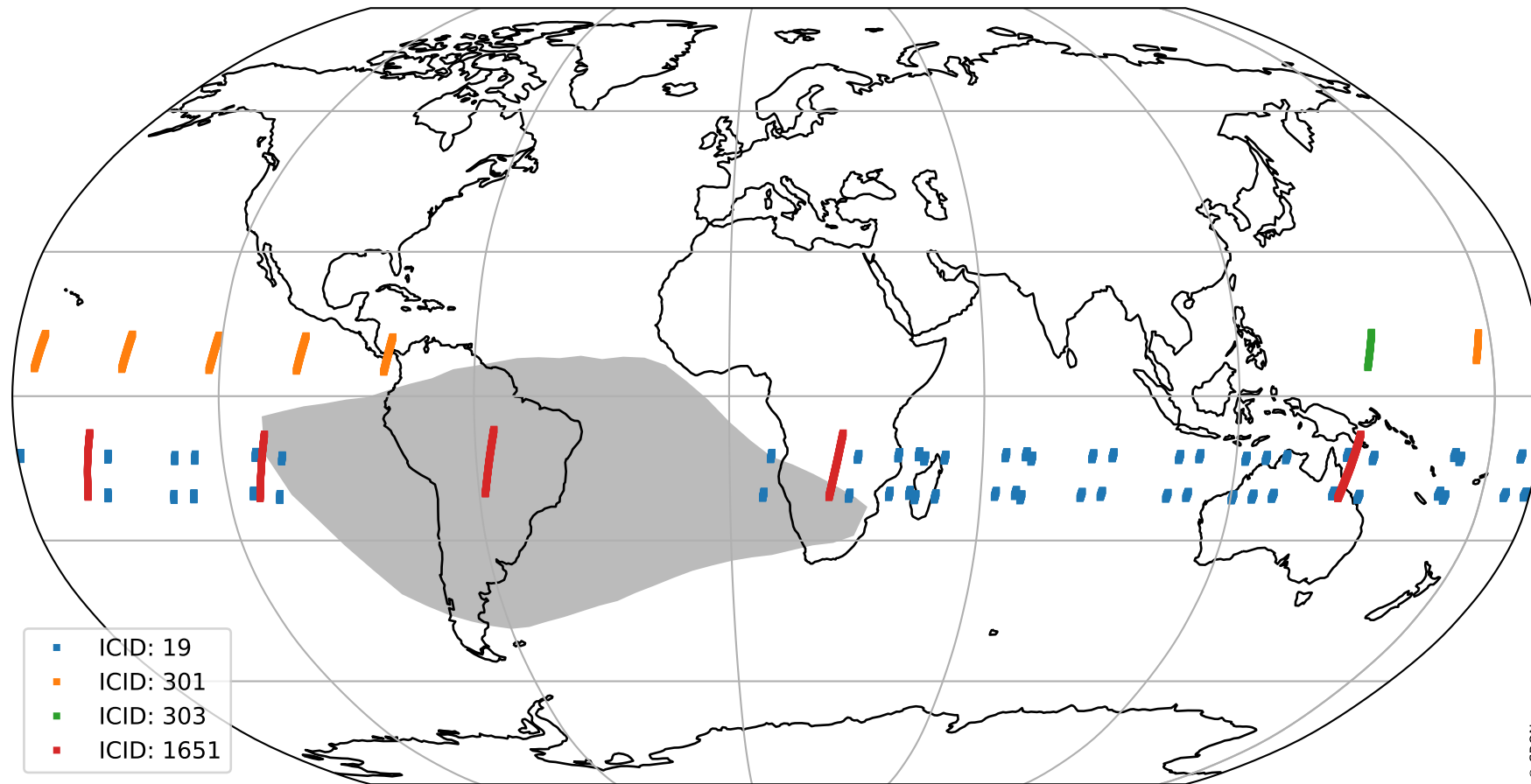
Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
median : 0.98226
spread : 0.17443
created : 2023-08-21T16:38:29



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

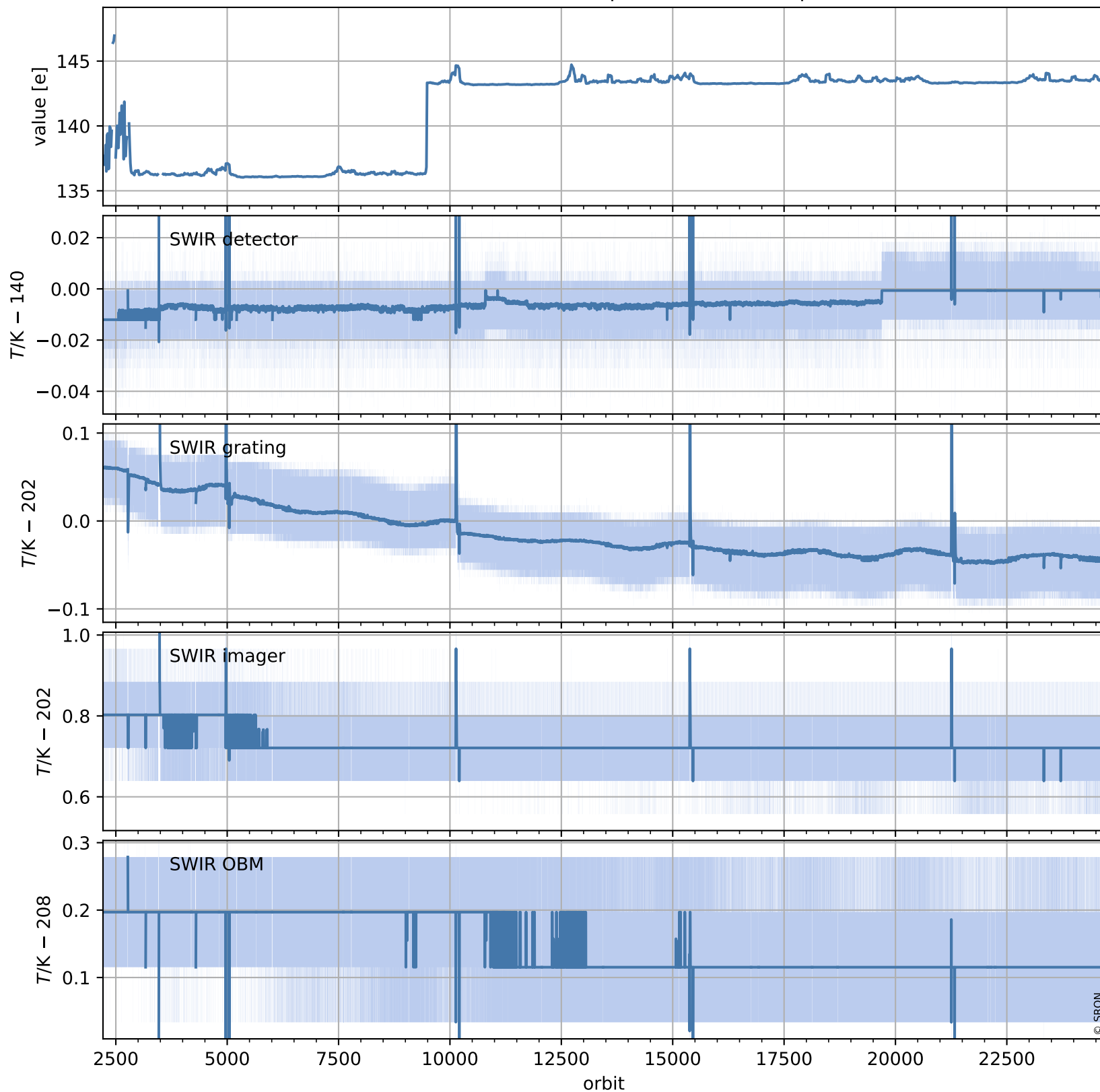
orbits : 12 in [24607, 24697]
coverage : 2022-07-14 / 2022-07-20
created : 2023-08-21T16:38:30



Tropomi SWIR background noise (swir)

orbits : [2212, 24697]
coverage : 2018-03-18 / 2022-07-20
created : 2023-08-21T16:38:30

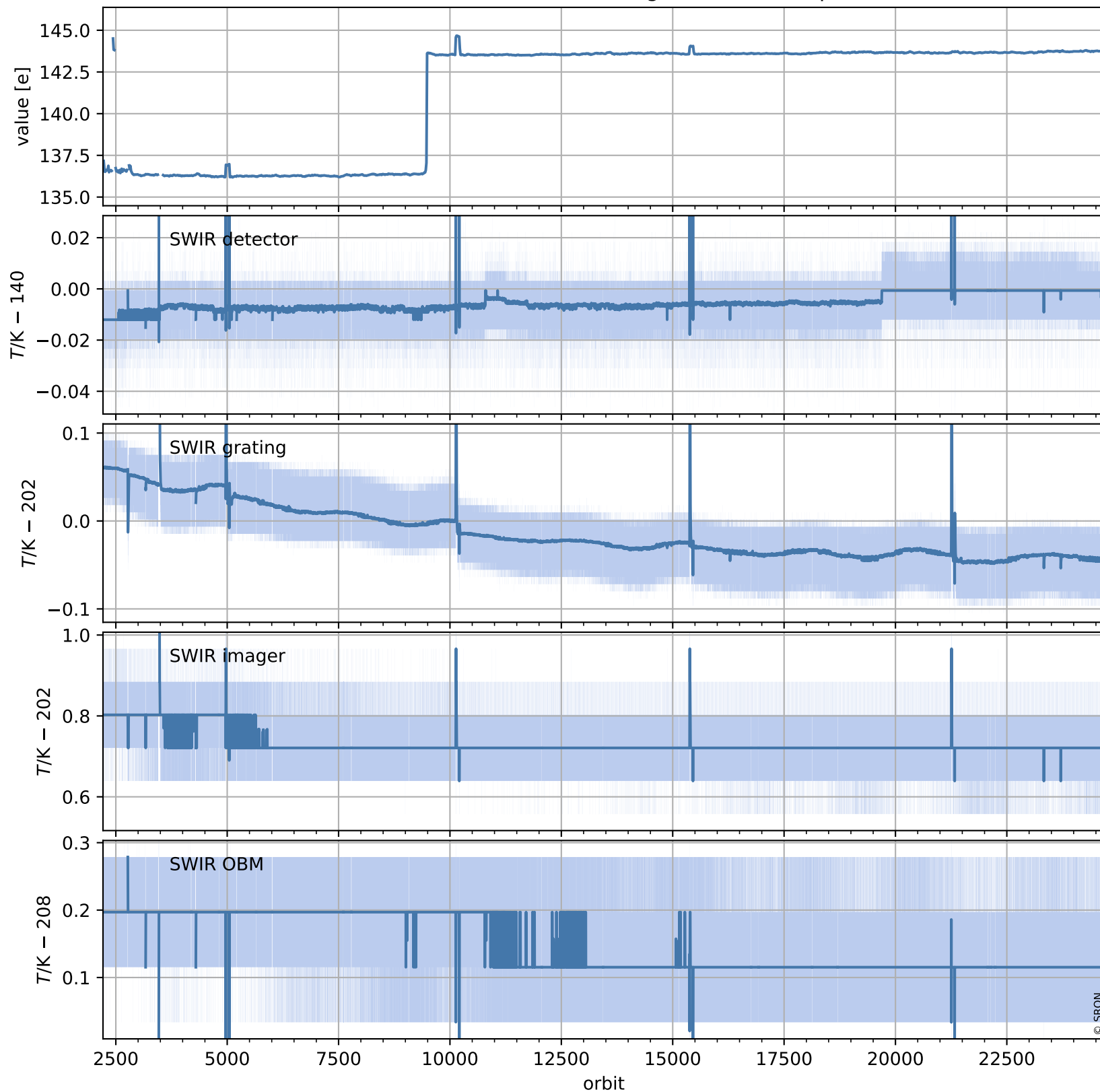
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24697]
coverage : 2018-03-18 / 2022-07-20
created : 2023-08-21T16:38:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24697]
coverage : 2018-03-18 / 2022-07-20
created : 2023-08-21T16:38:32

trend of normalized read-noise & temperatures

