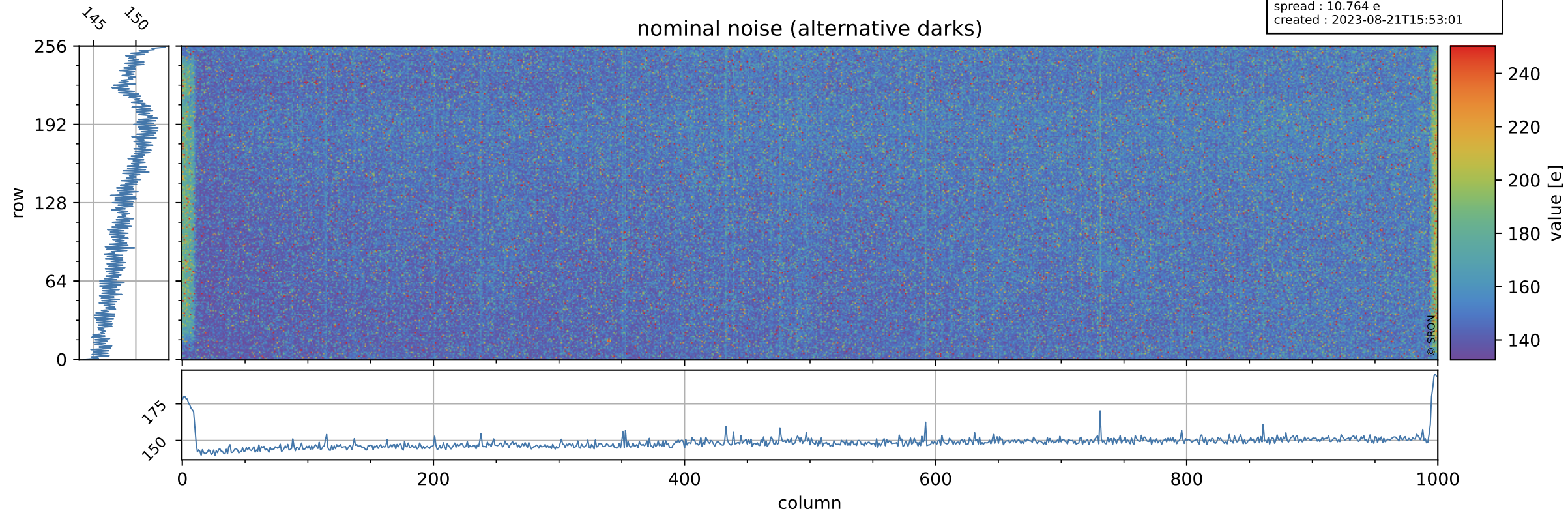


Tropomi SWIR background noise (swir)

orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.764 e
created : 2023-08-21T15:53:01

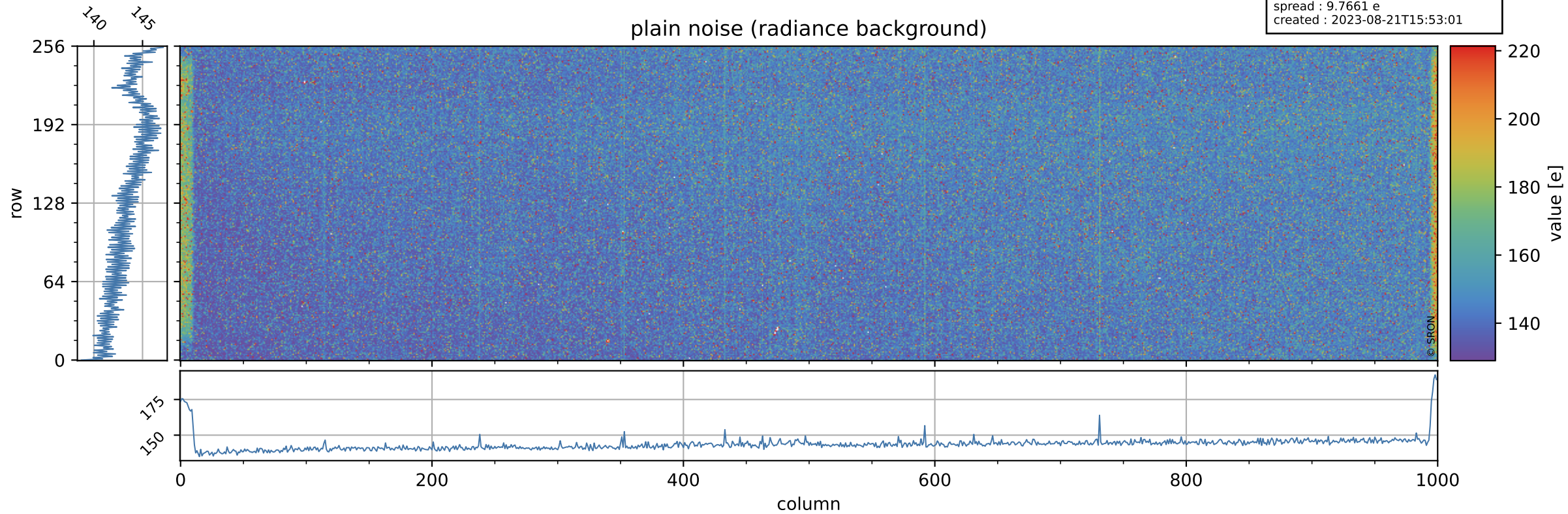
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7661 e
created : 2023-08-21T15:53:01

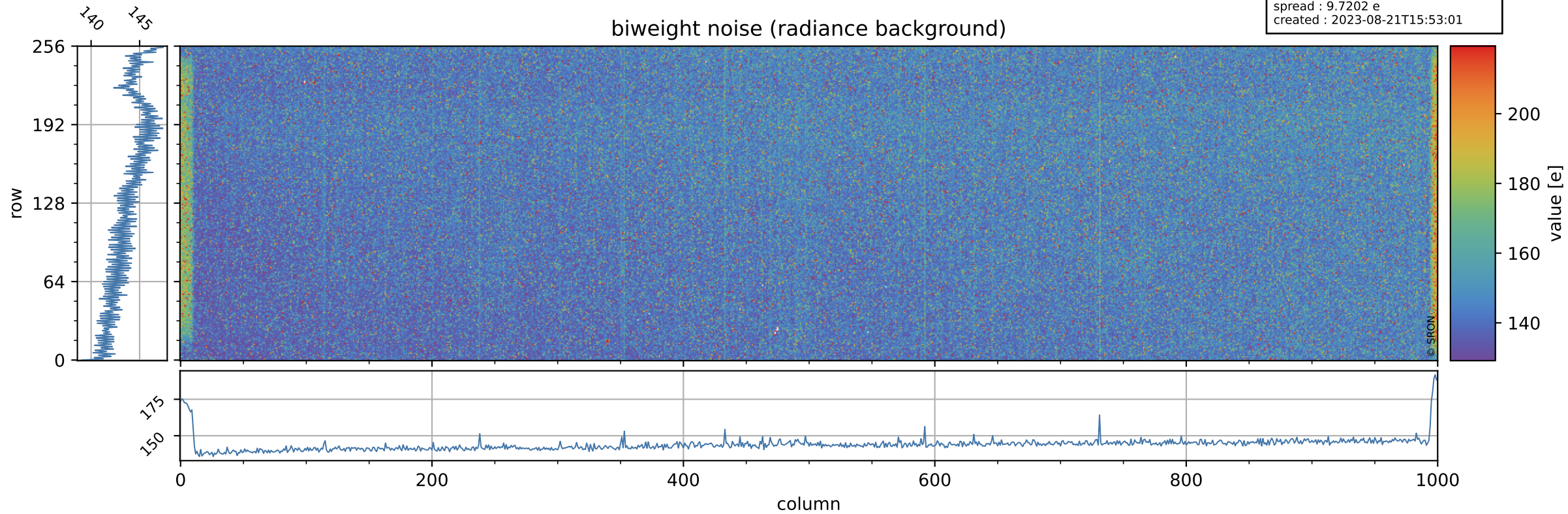
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7202 e
created : 2023-08-21T15:53:01

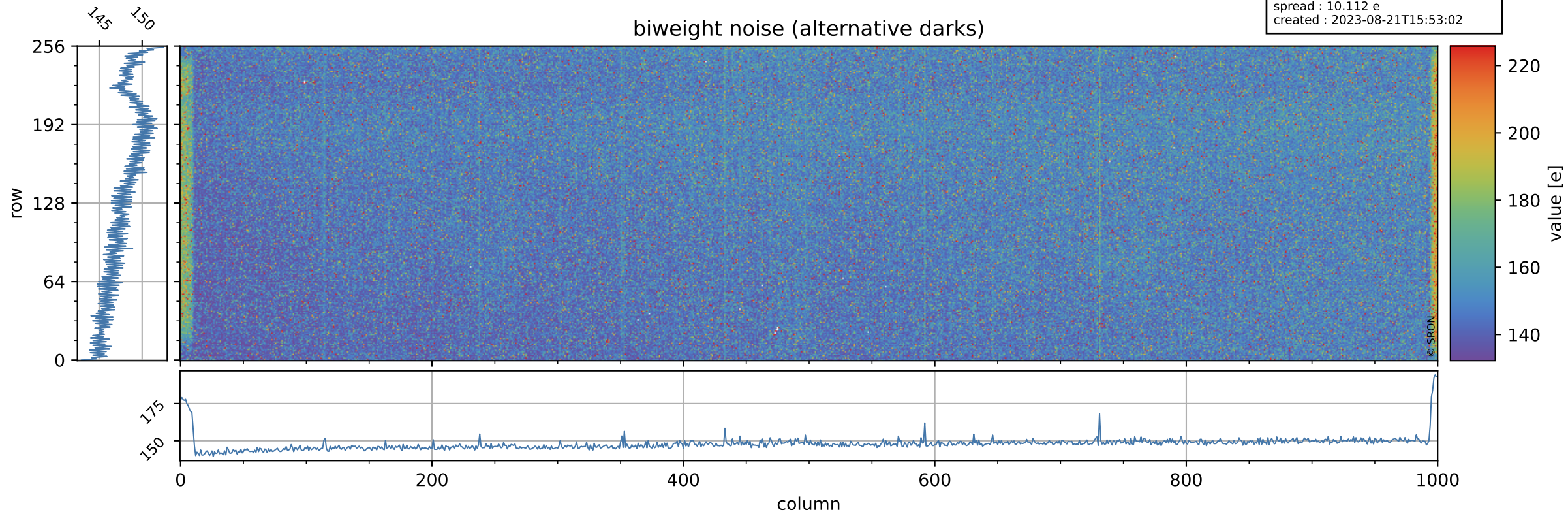
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.112 e
created : 2023-08-21T15:53:02

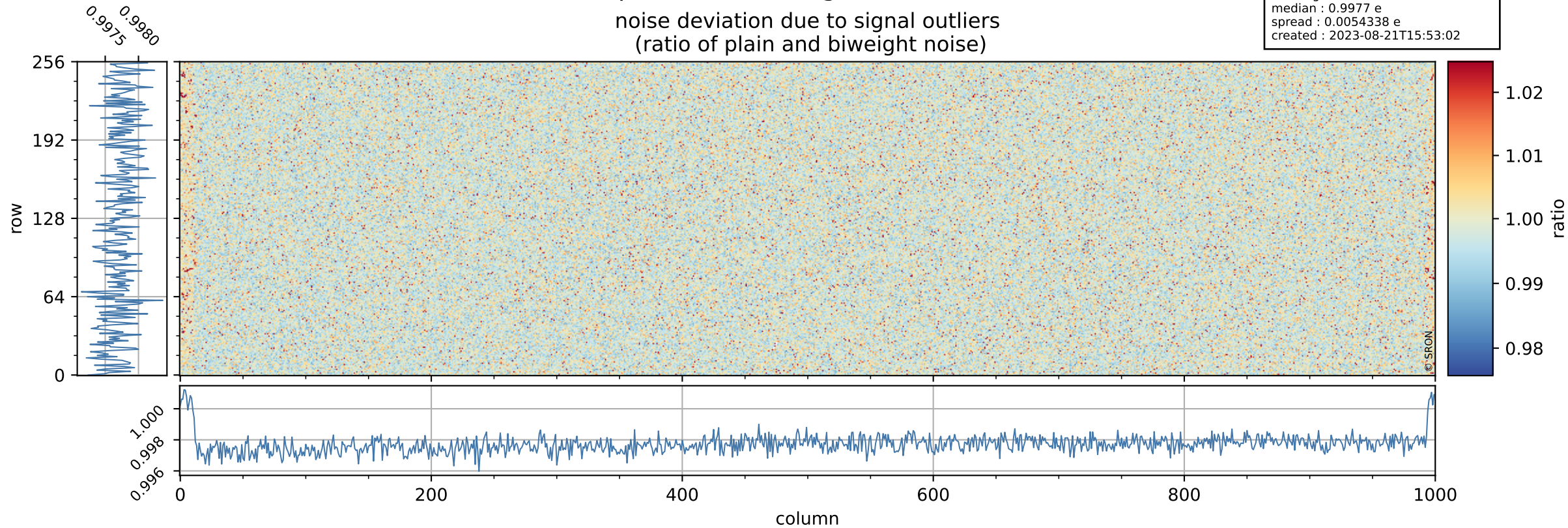
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

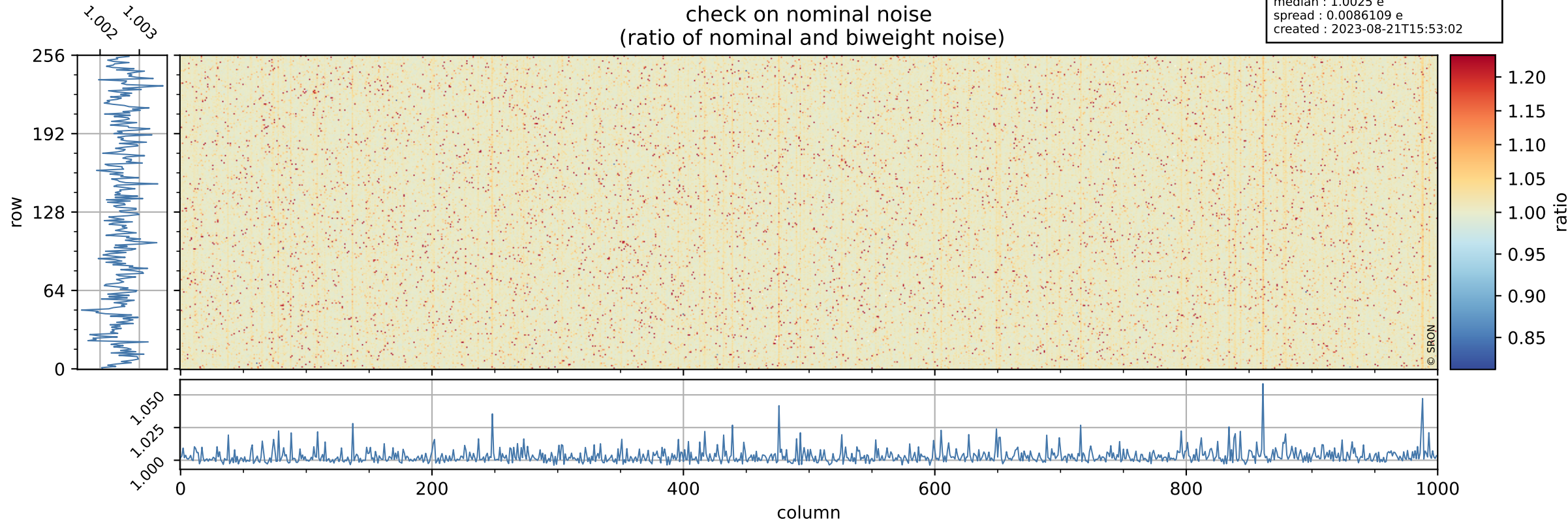
orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
median : 0.9977 e
spread : 0.0054338 e
created : 2023-08-21T15:53:02



Tropomi SWIR background noise (swir)

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

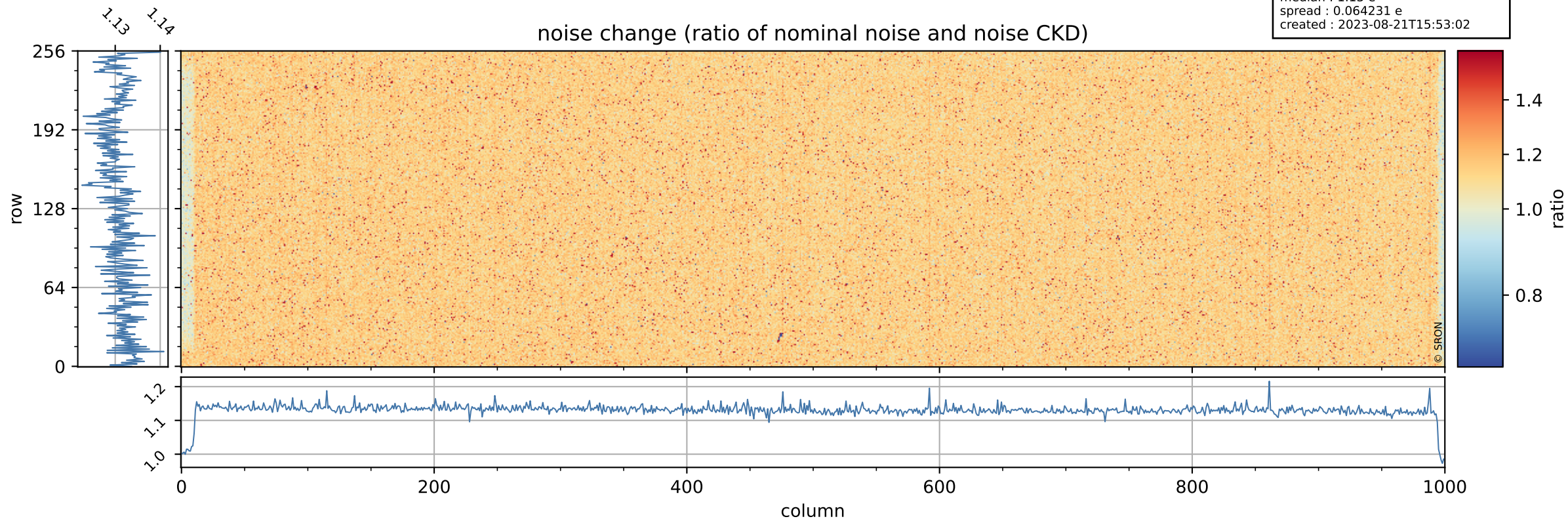
orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
median : 1.0025 e
spread : 0.0086109 e
created : 2023-08-21T15:53:02



Tropomi SWIR background noise (swir)

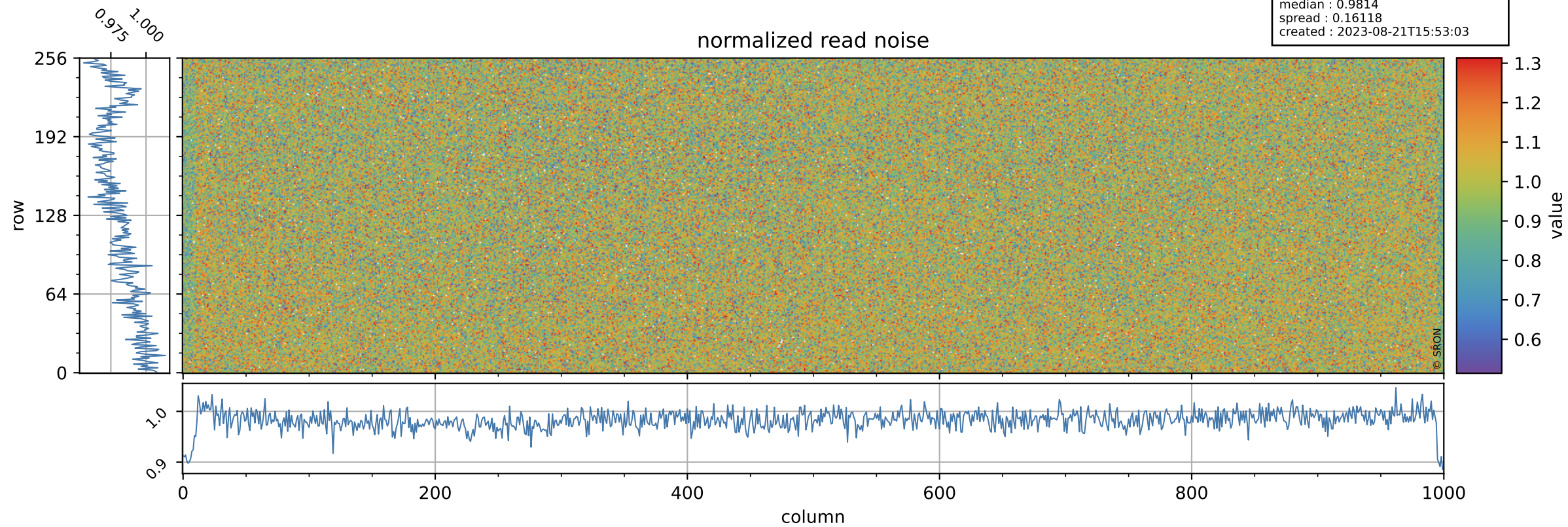
orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
median : 1.13 e
spread : 0.064231 e
created : 2023-08-21T15:53:02

noise change (ratio of nominal noise and noise CKD)



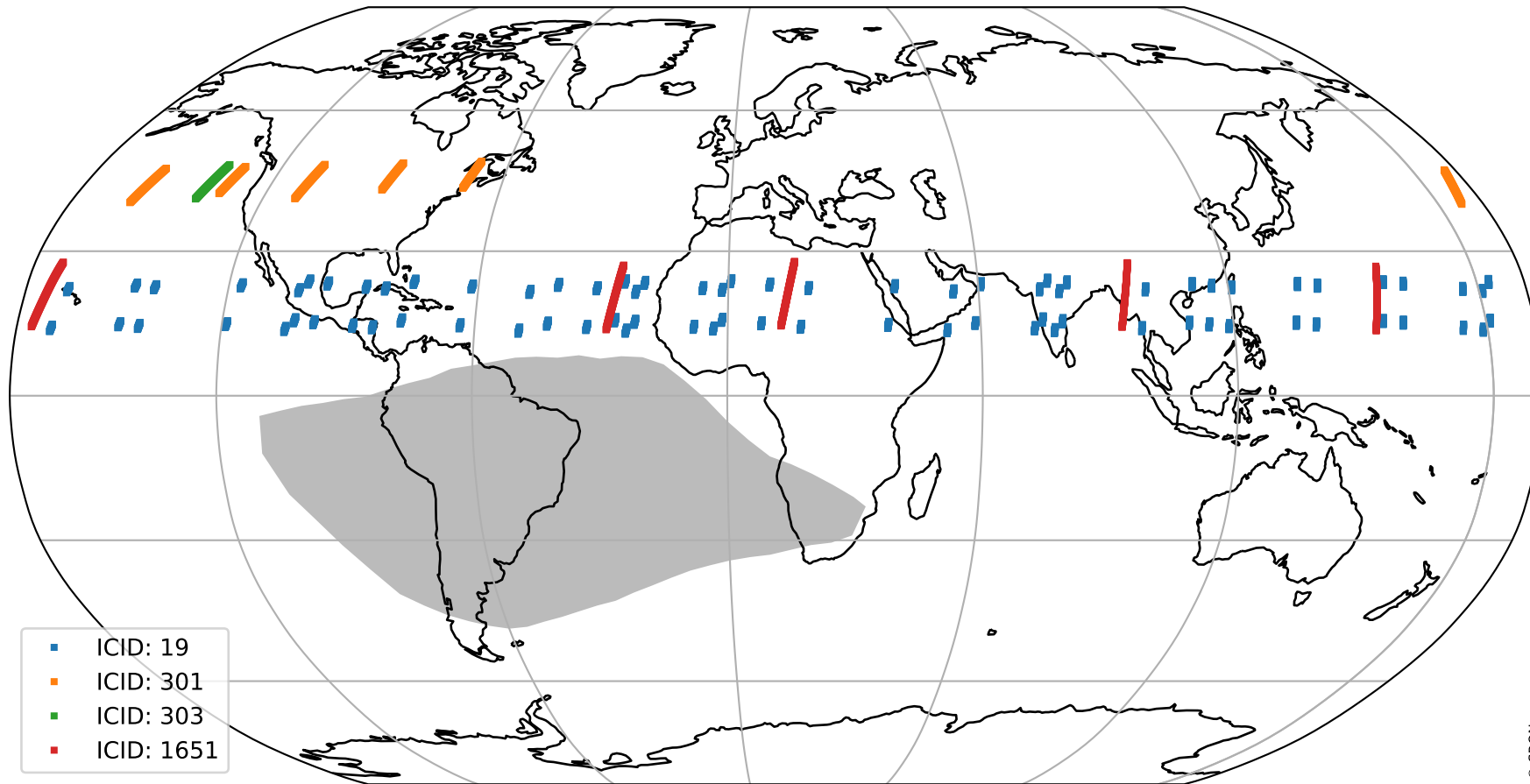
Tropomi SWIR background noise (swir)

orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
median : 0.9814
spread : 0.16118
created : 2023-08-21T15:53:03



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

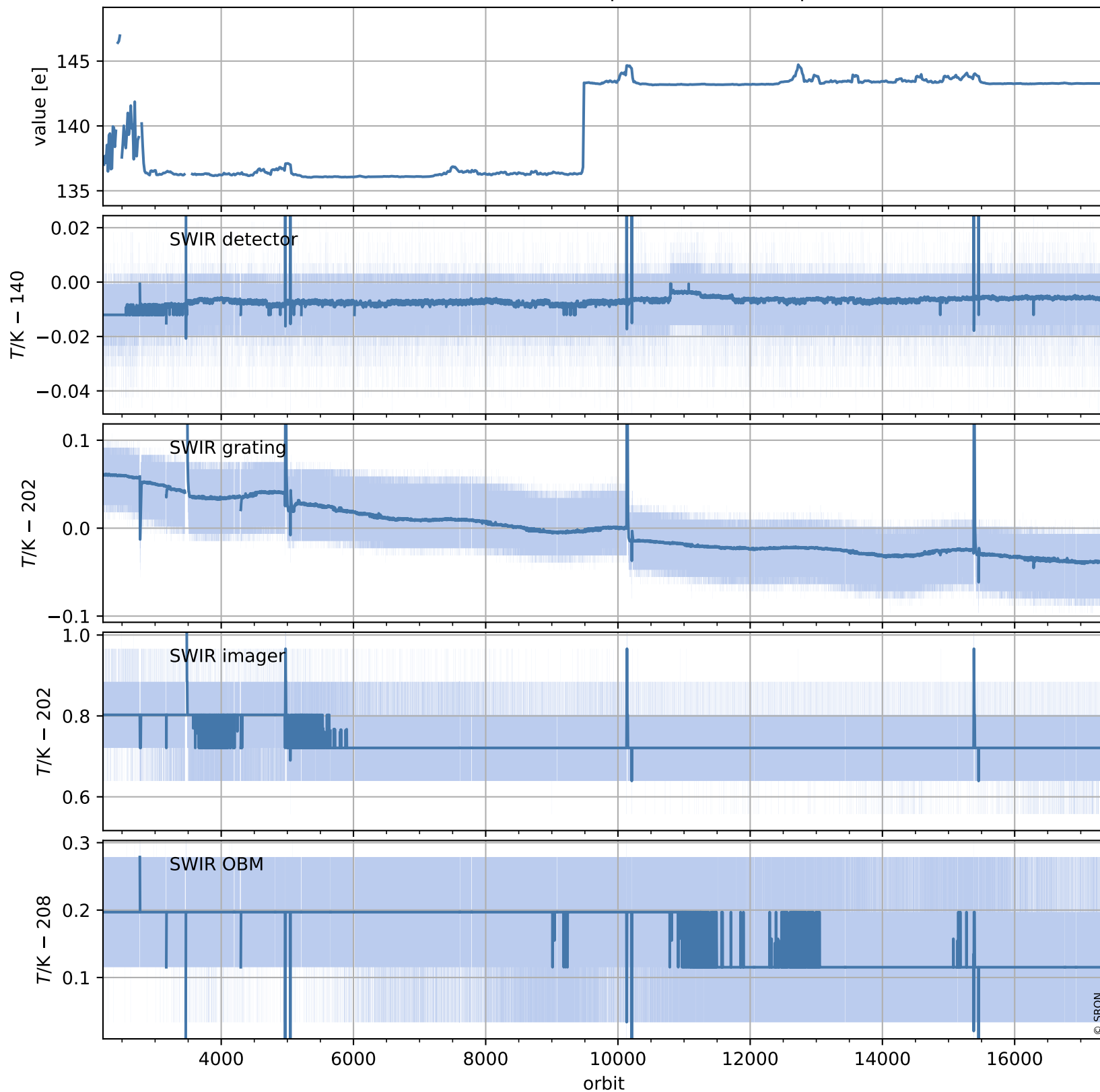
orbits : 12 in [17272, 17362]
coverage : 2021-02-12 / 2021-02-17
created : 2023-08-21T15:53:03



Tropomi SWIR background noise (swir)

orbits : [2212, 17362]
coverage : 2018-03-18 / 2021-02-17
created : 2023-08-21T15:53:03

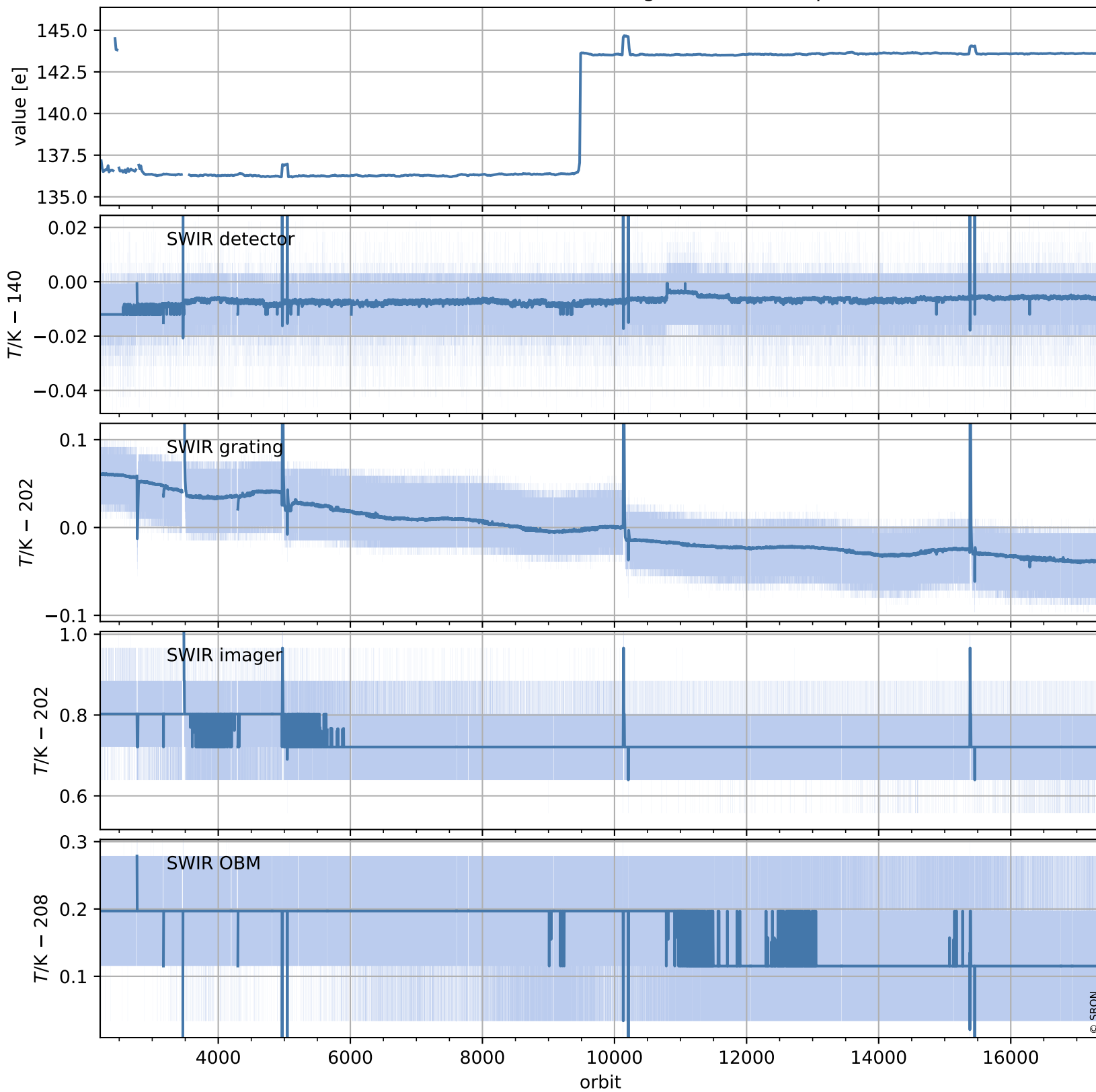
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17362]
coverage : 2018-03-18 / 2021-02-17
created : 2023-08-21T15:53:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17362]
coverage : 2018-03-18 / 2021-02-17
created : 2023-08-21T15:53:05

trend of normalized read-noise & temperatures

