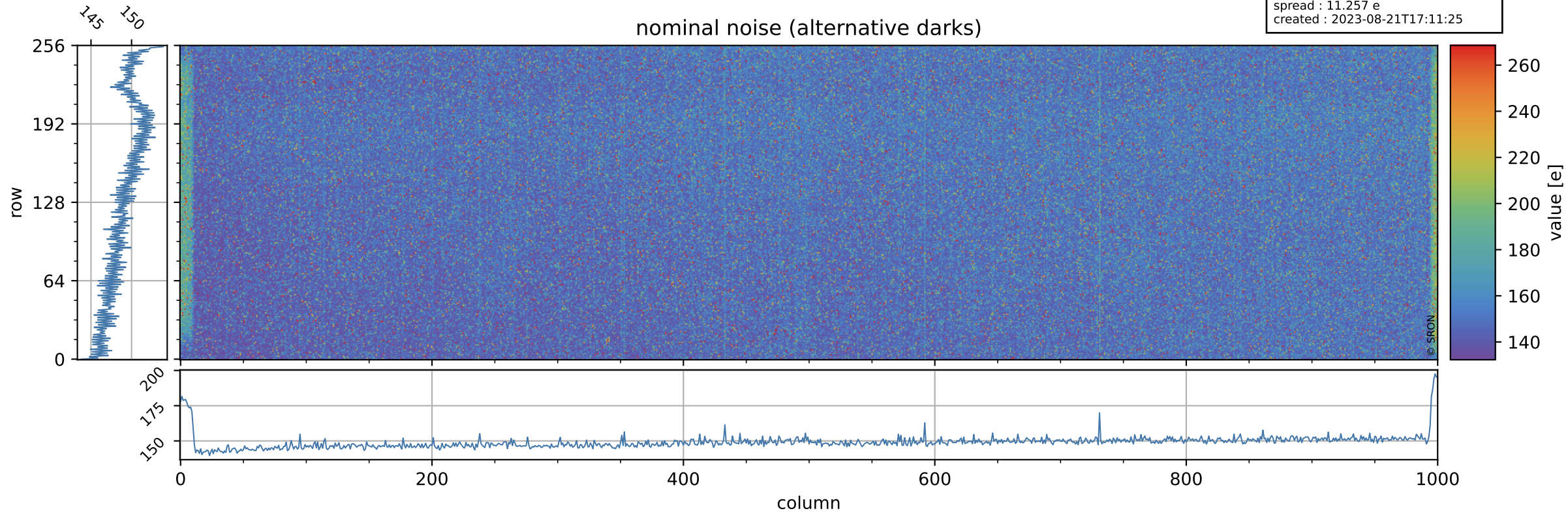


Tropomi SWIR background noise (swir)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
n_coad, t_exp : 1, 1.0783
median : 148.94 e
spread : 11.257 e
created : 2023-08-21T17:11:25

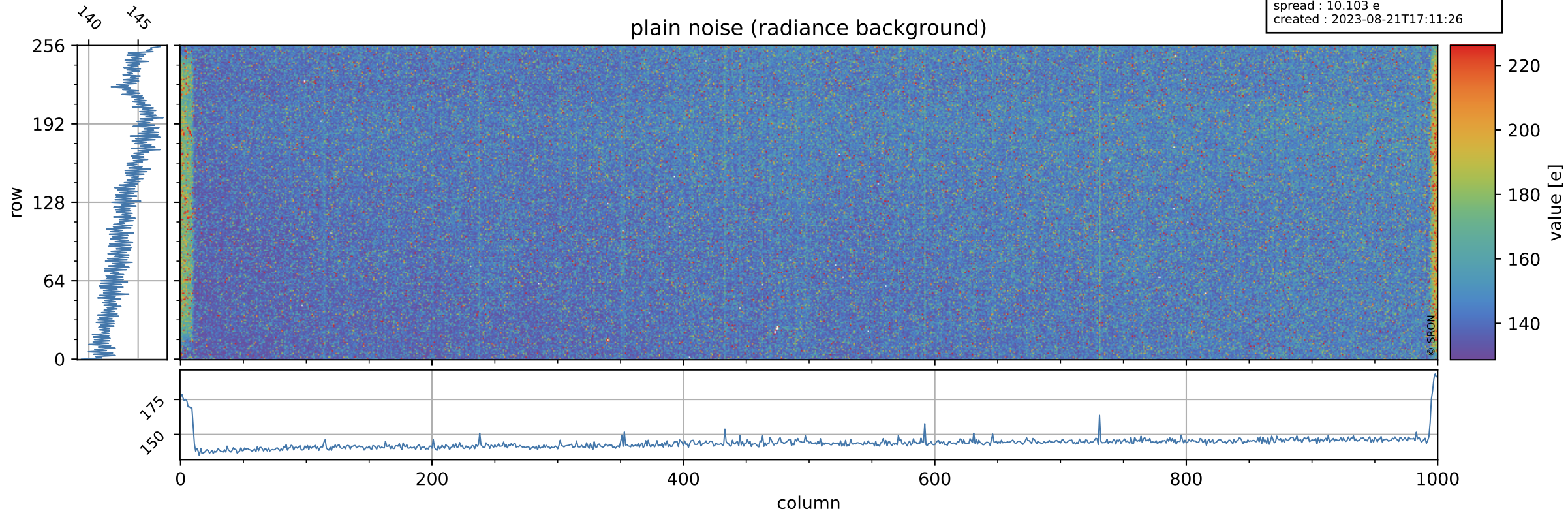
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 10.103 e
created : 2023-08-21T17:11:26

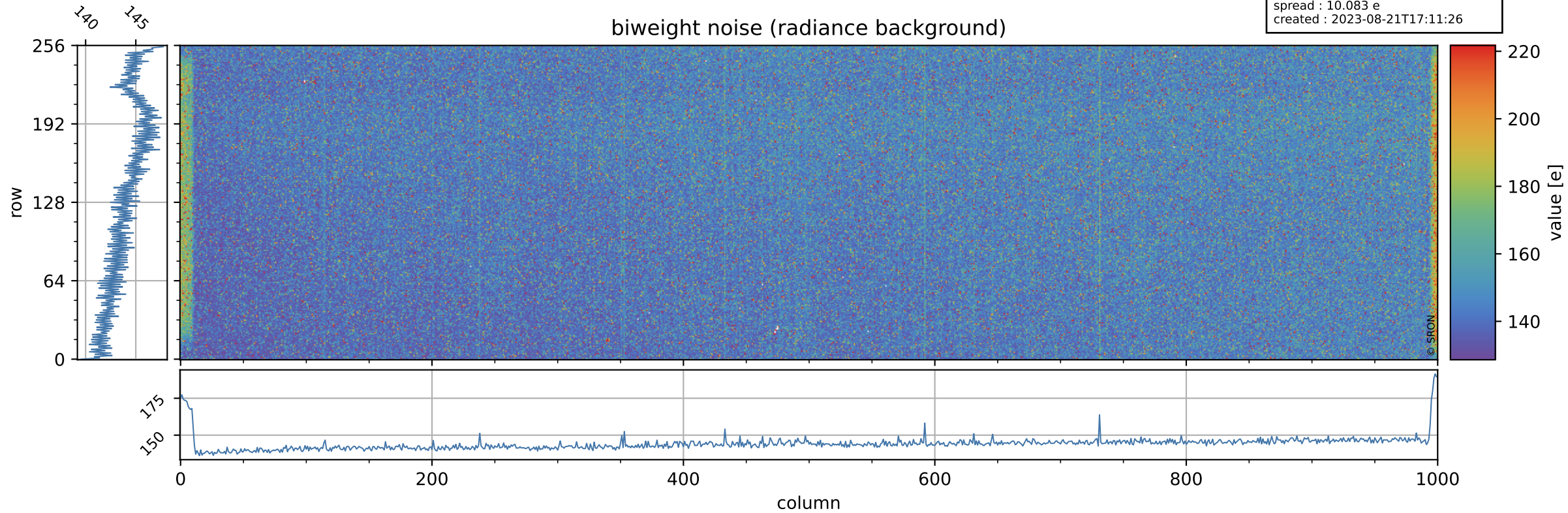
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 10.083 e
created : 2023-08-21T17:11:26

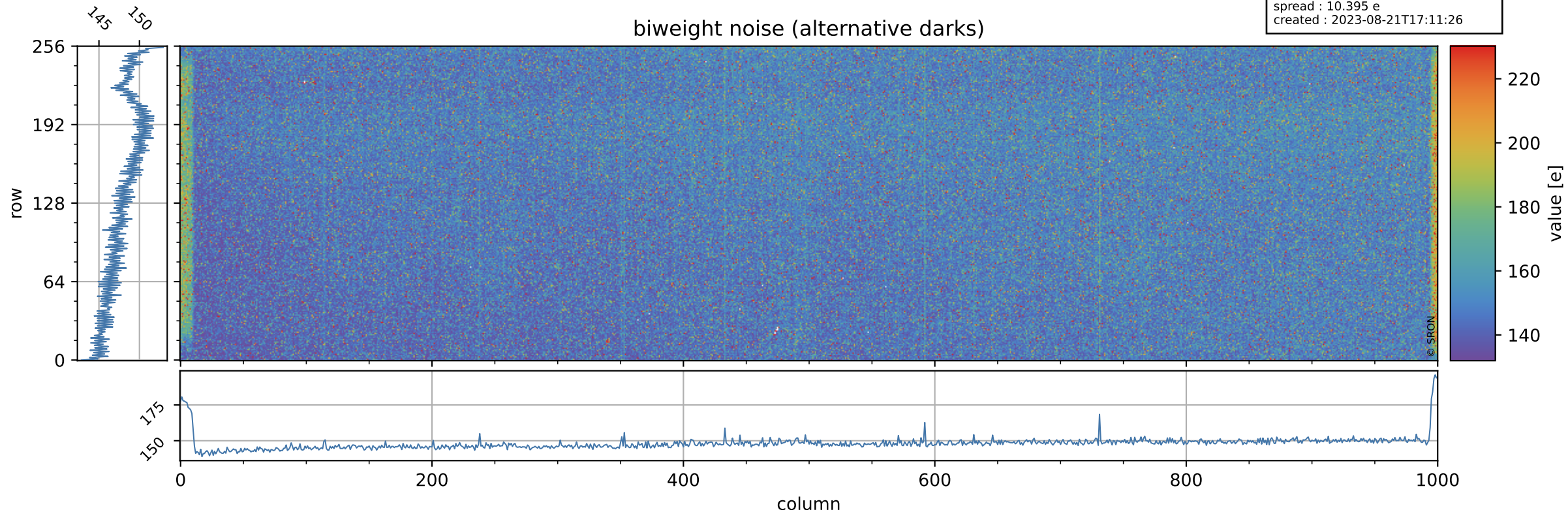
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
n_coad, t_exp : 1, 1.0783
median : 147.9 e
spread : 10.395 e
created : 2023-08-21T17:11:26

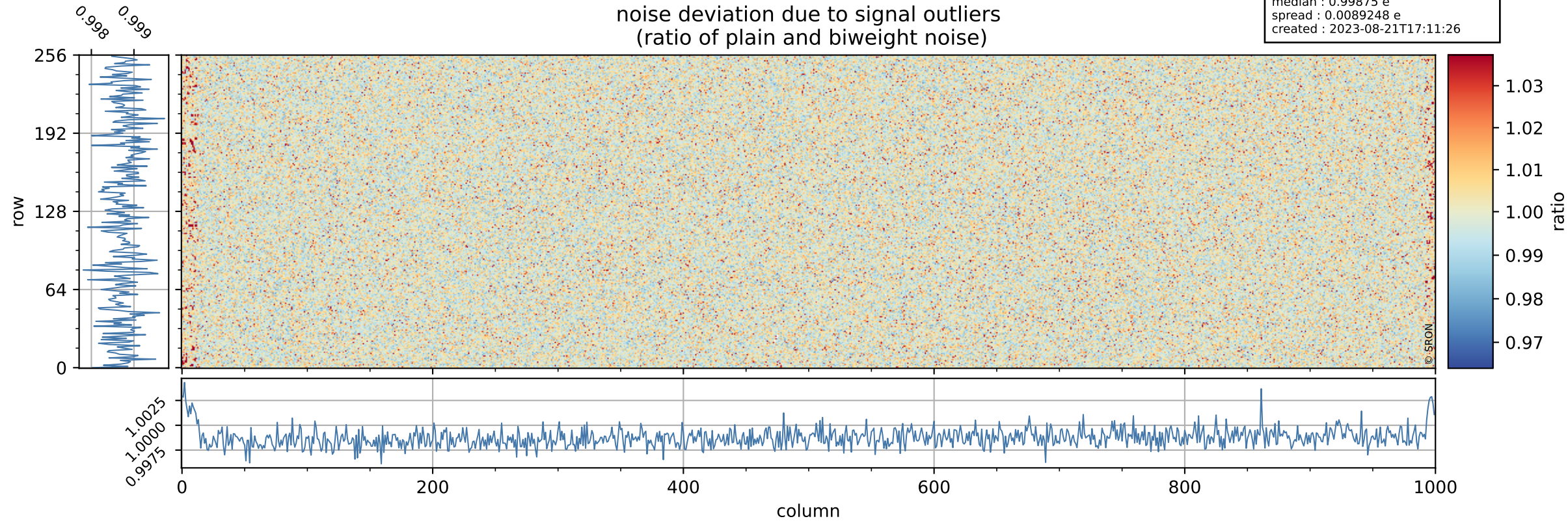
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

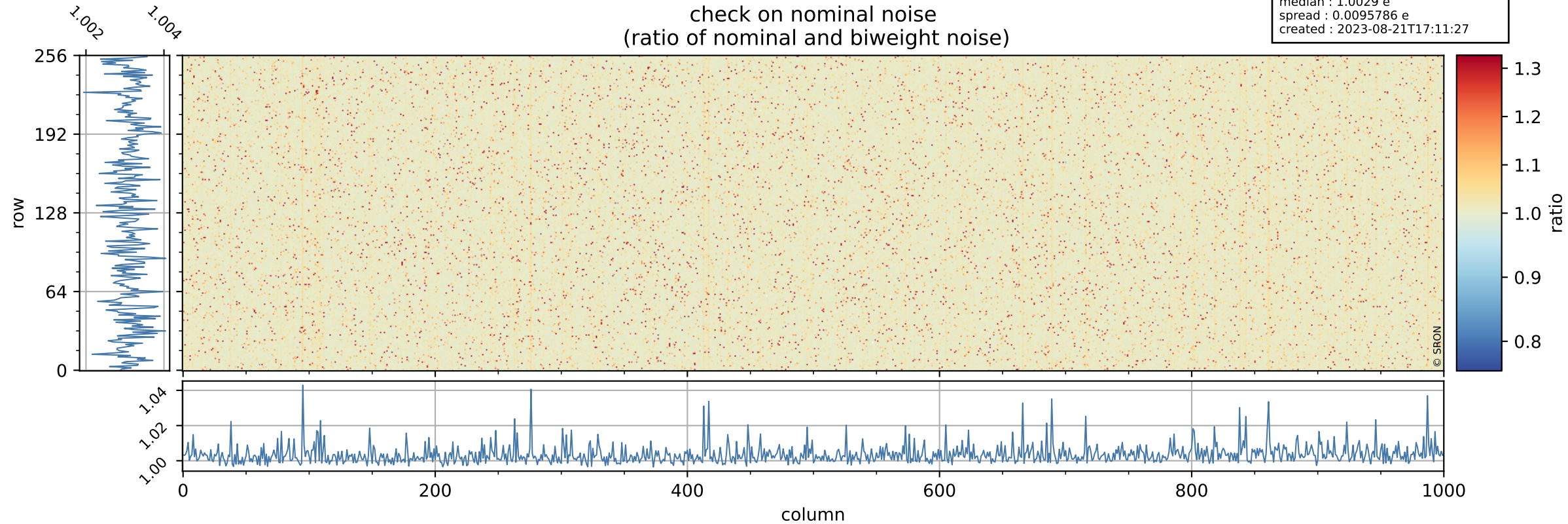
orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
median : 0.99875 e
spread : 0.0089248 e
created : 2023-08-21T17:11:26



Tropomi SWIR background noise (swir)

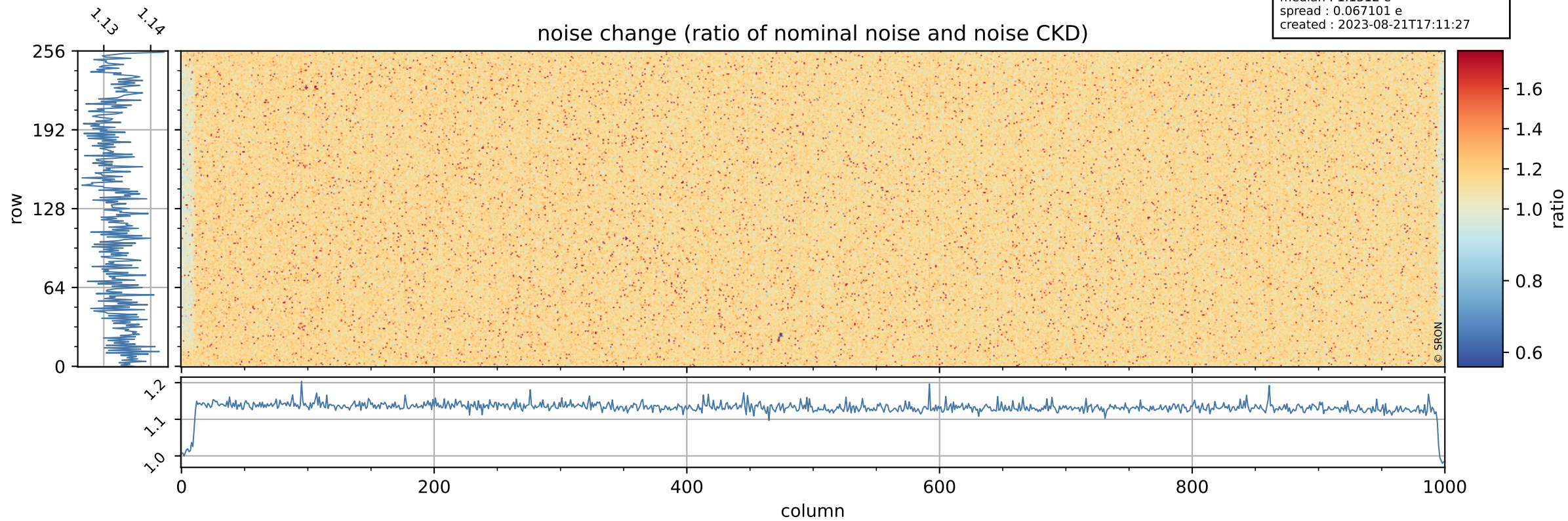
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
median : 1.0029 e
spread : 0.0095786 e
created : 2023-08-21T17:11:27



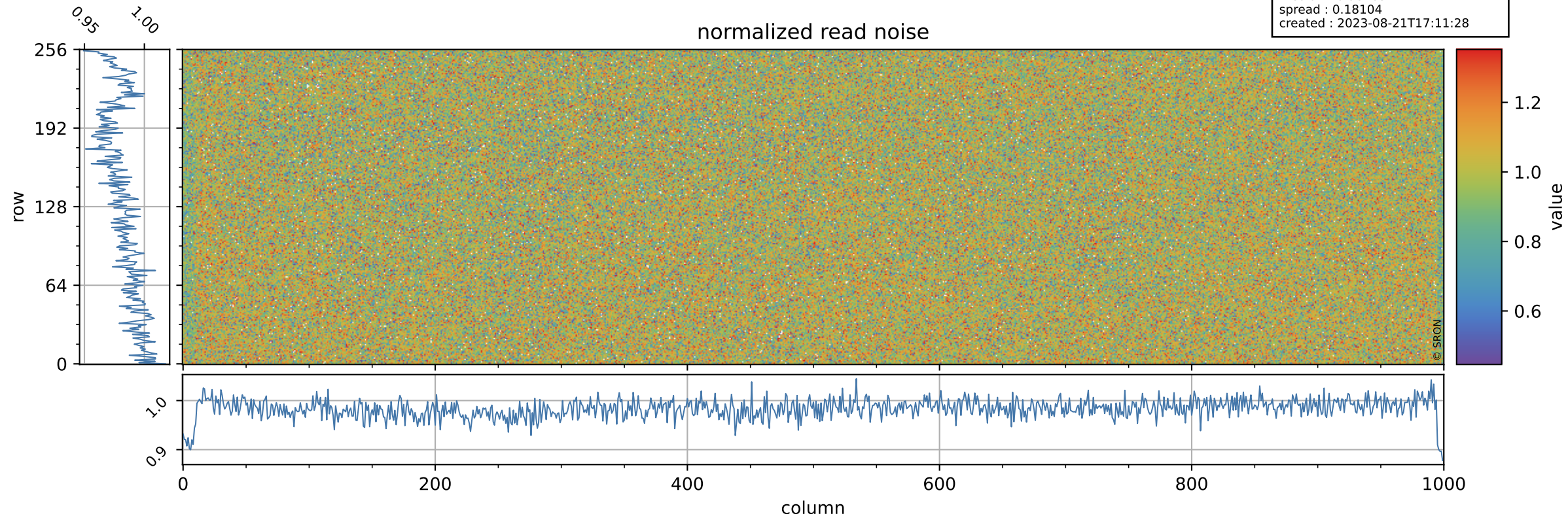
Tropomi SWIR background noise (swir)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
median : 1.1312 e
spread : 0.067101 e
created : 2023-08-21T17:11:27



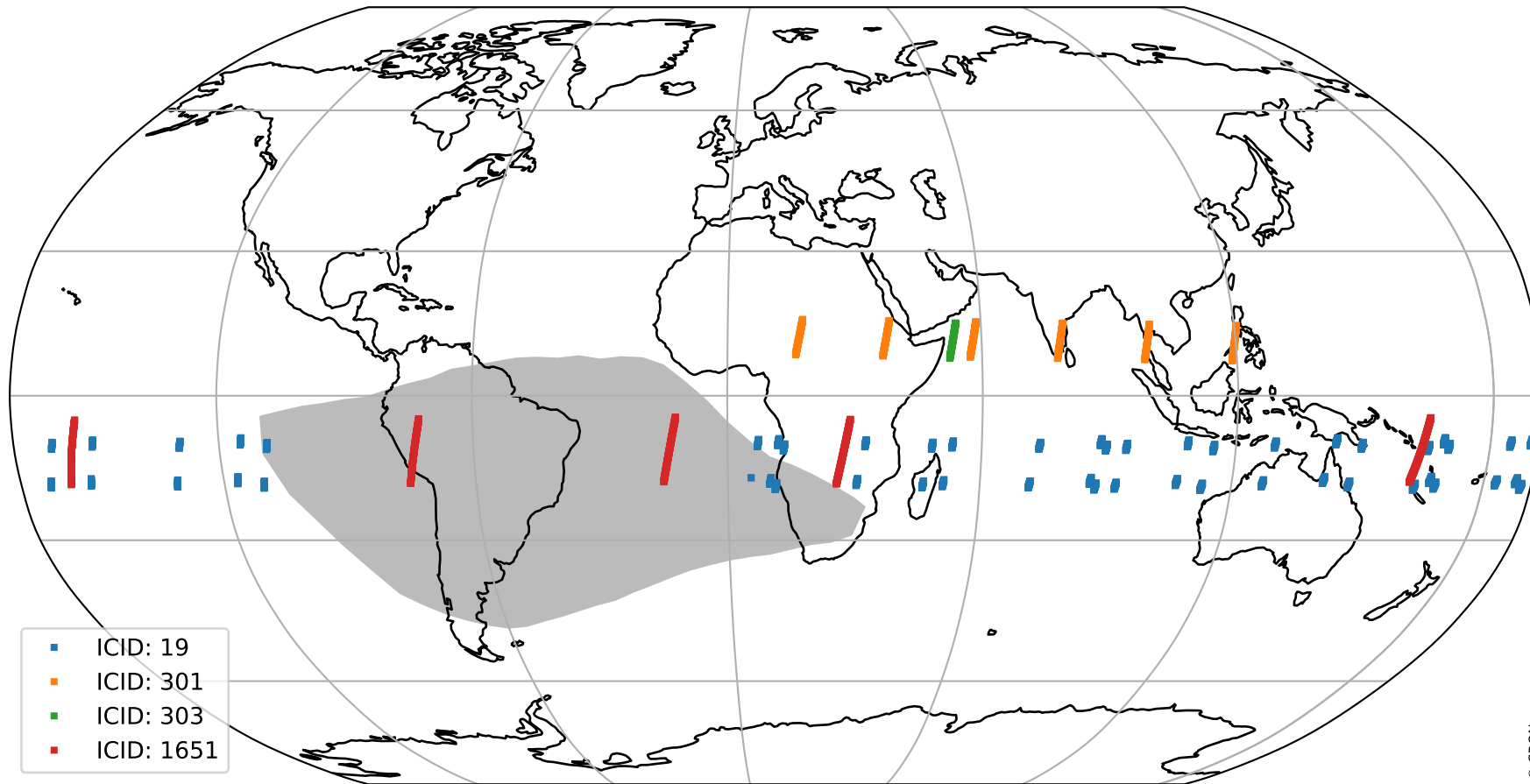
Tropomi SWIR background noise (swir)

orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
median : 0.98165
spread : 0.18104
created : 2023-08-21T17:11:28



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

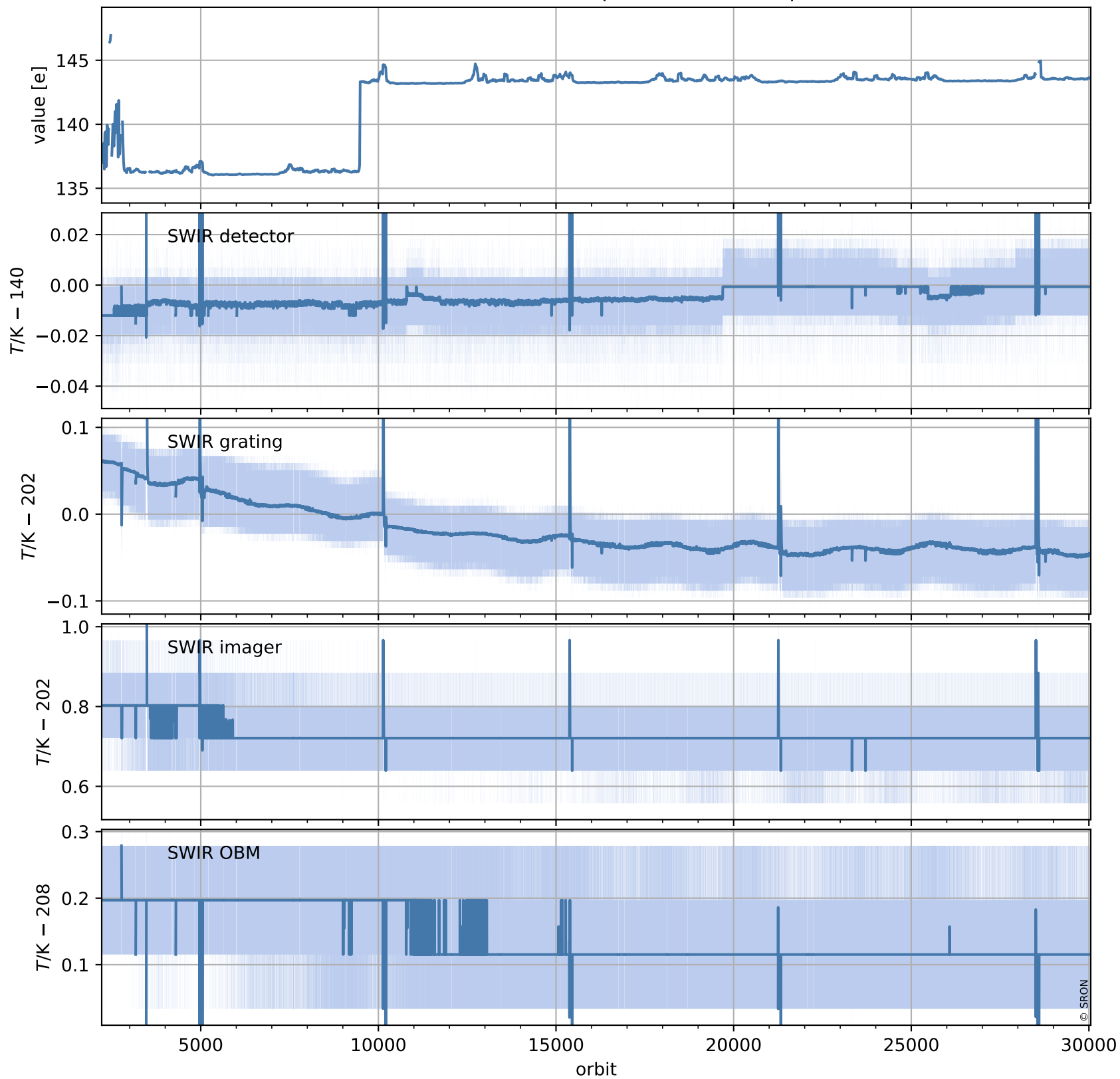
orbits : 12 in [29962, 30052]
coverage : 2023-07-26 / 2023-08-01
created : 2023-08-21T17:11:28



Tropomi SWIR background noise (swir)

orbits : [2212, 30052]
coverage : 2018-03-18 / 2023-08-01
created : 2023-08-21T17:11:28

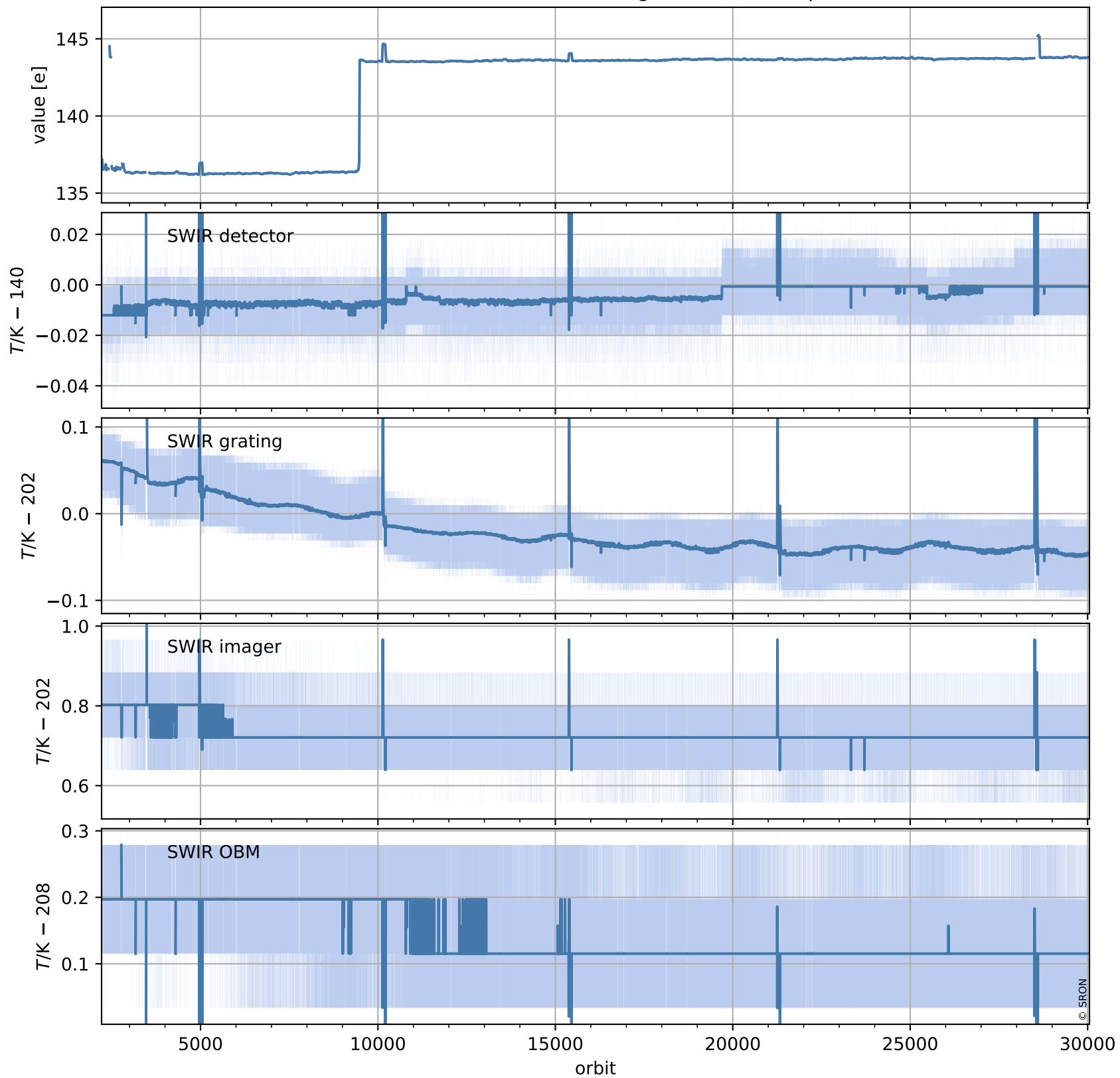
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30052]
coverage : 2018-03-18 / 2023-08-01
created : 2023-08-21T17:11:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30052]
coverage : 2018-03-18 / 2023-08-01
created : 2023-08-21T17:11:30

trend of normalized read-noise & temperatures

