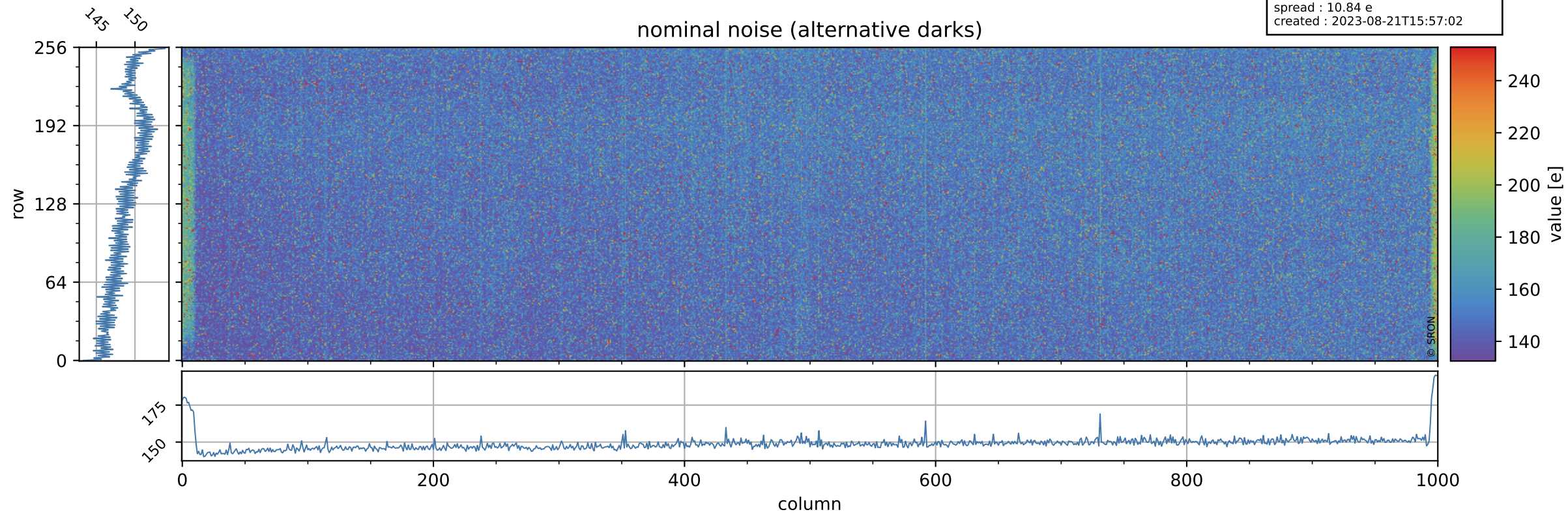


Tropomi SWIR background noise (swir)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 10.84 e
created : 2023-08-21T15:57:02

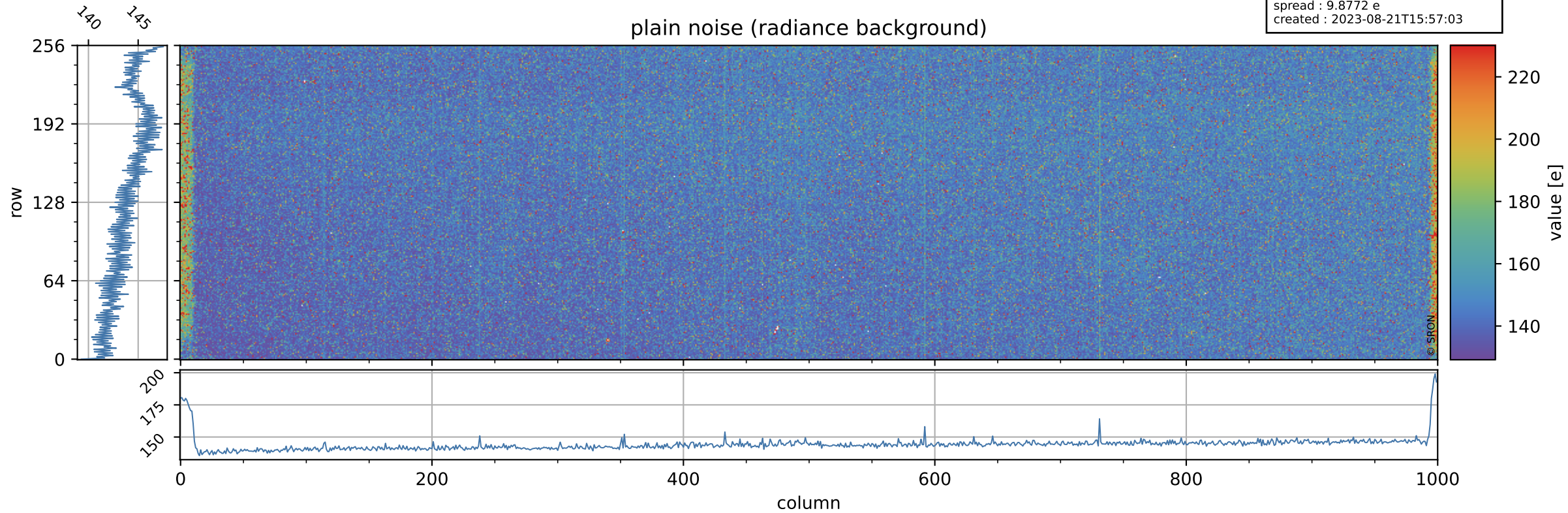
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8772 e
created : 2023-08-21T15:57:03

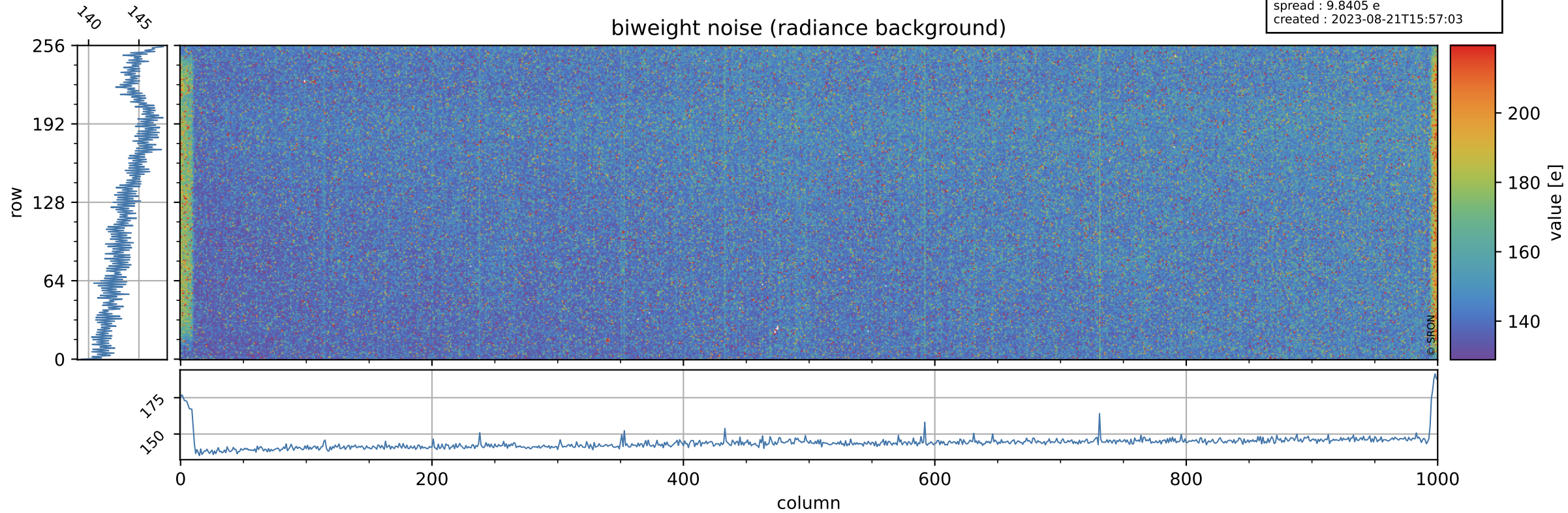
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8405 e
created : 2023-08-21T15:57:03

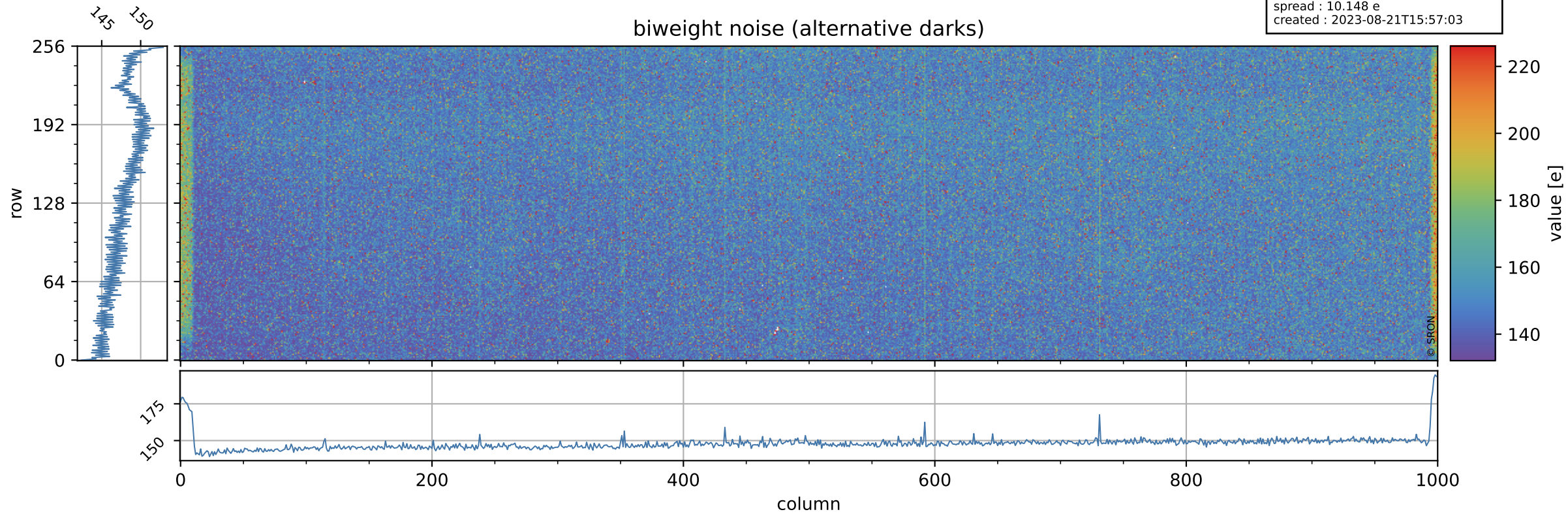
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.148 e
created : 2023-08-21T15:57:03

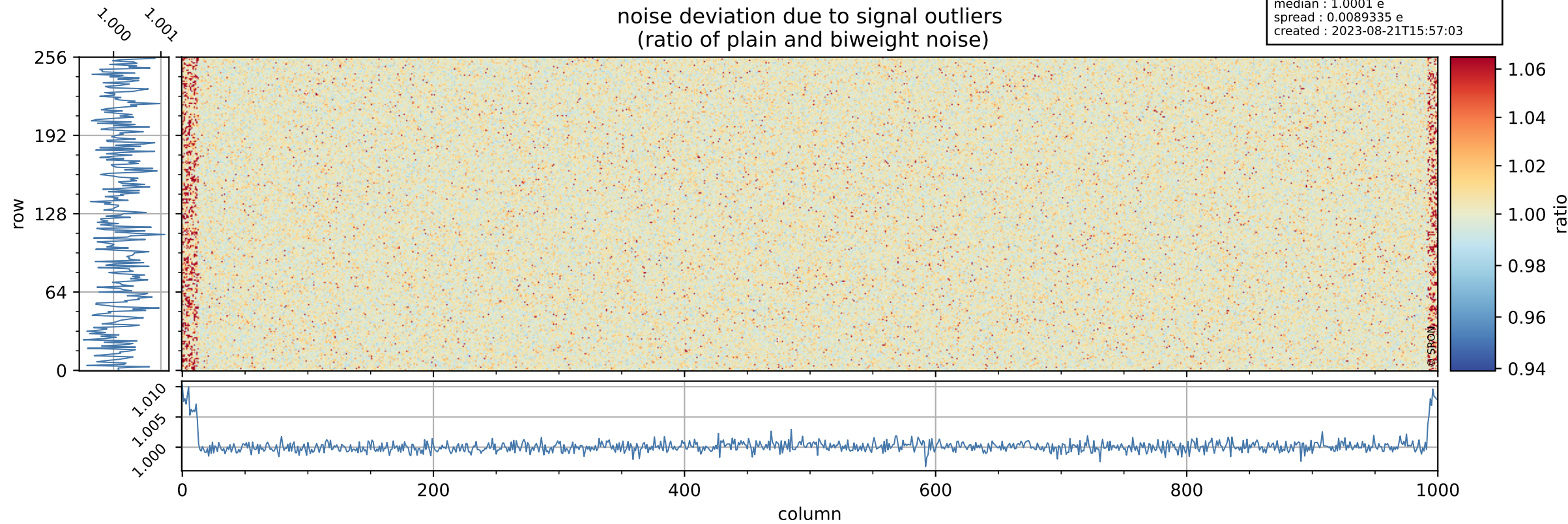
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

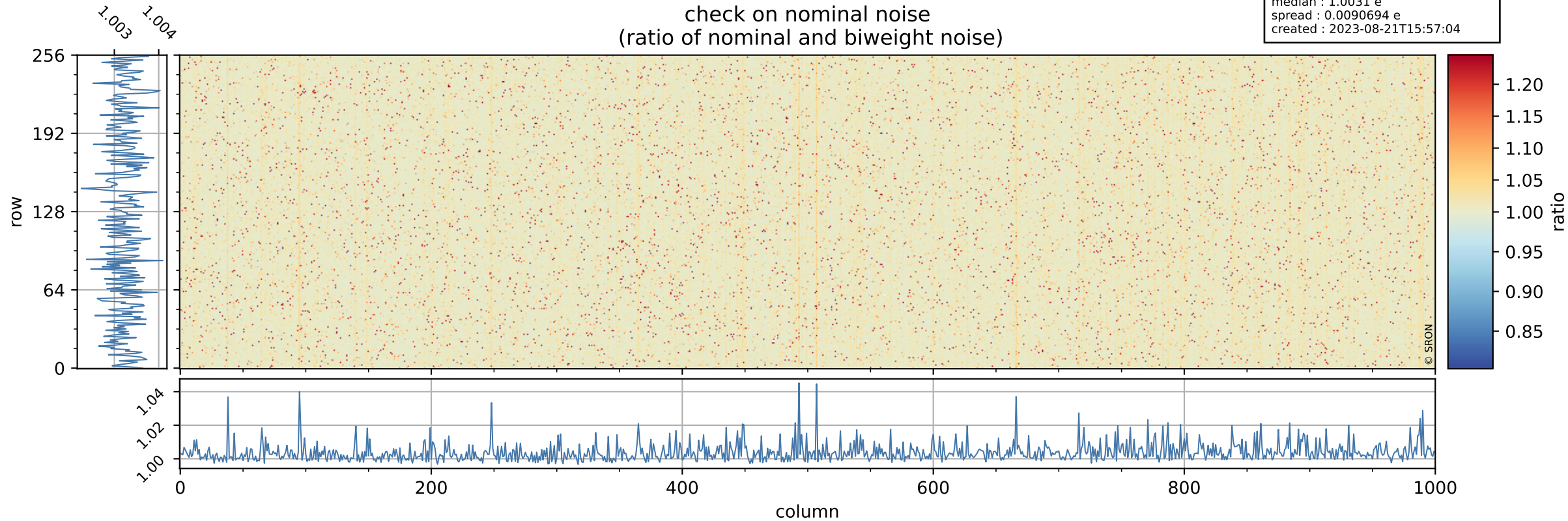
orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
median : 1.0001 e
spread : 0.0089335 e
created : 2023-08-21T15:57:03



Tropomi SWIR background noise (swir)

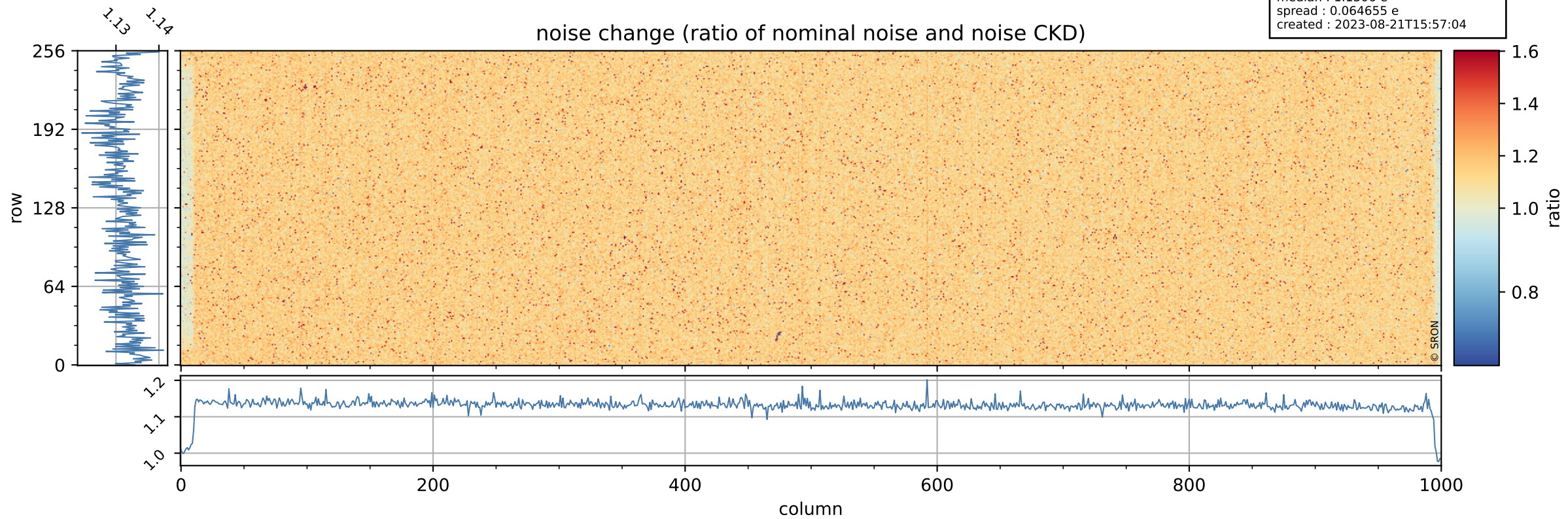
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
median : 1.0031 e
spread : 0.0090694 e
created : 2023-08-21T15:57:04



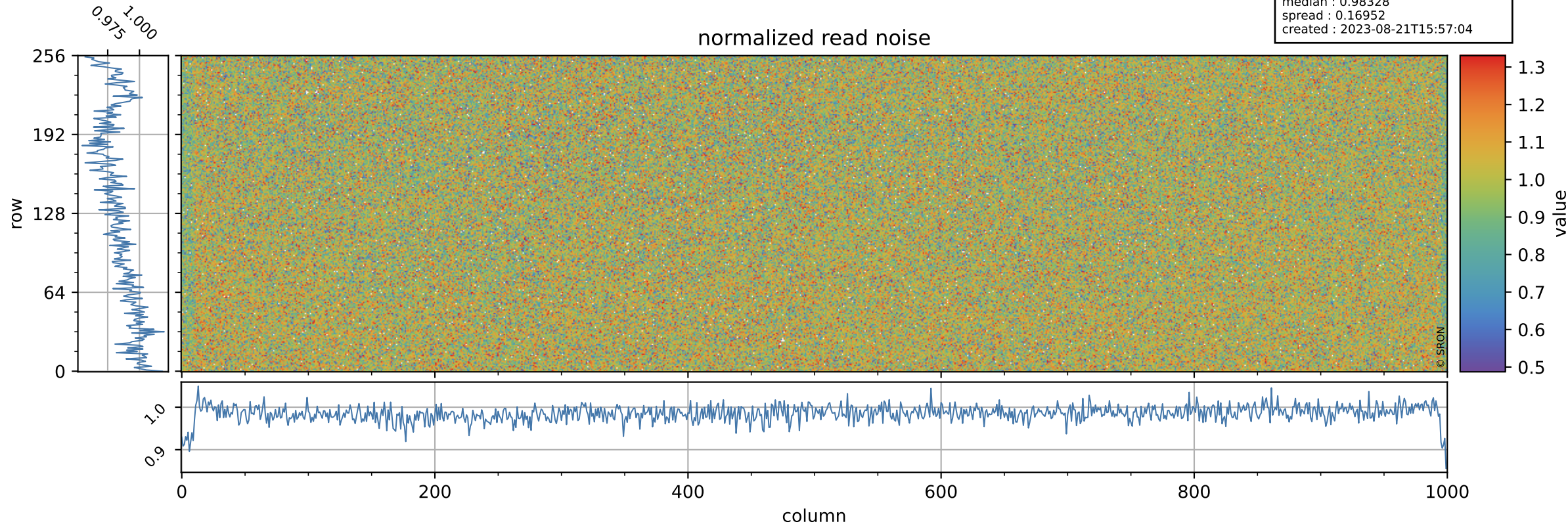
Tropomi SWIR background noise (swir)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
median : 1.1306 e
spread : 0.064655 e
created : 2023-08-21T15:57:04



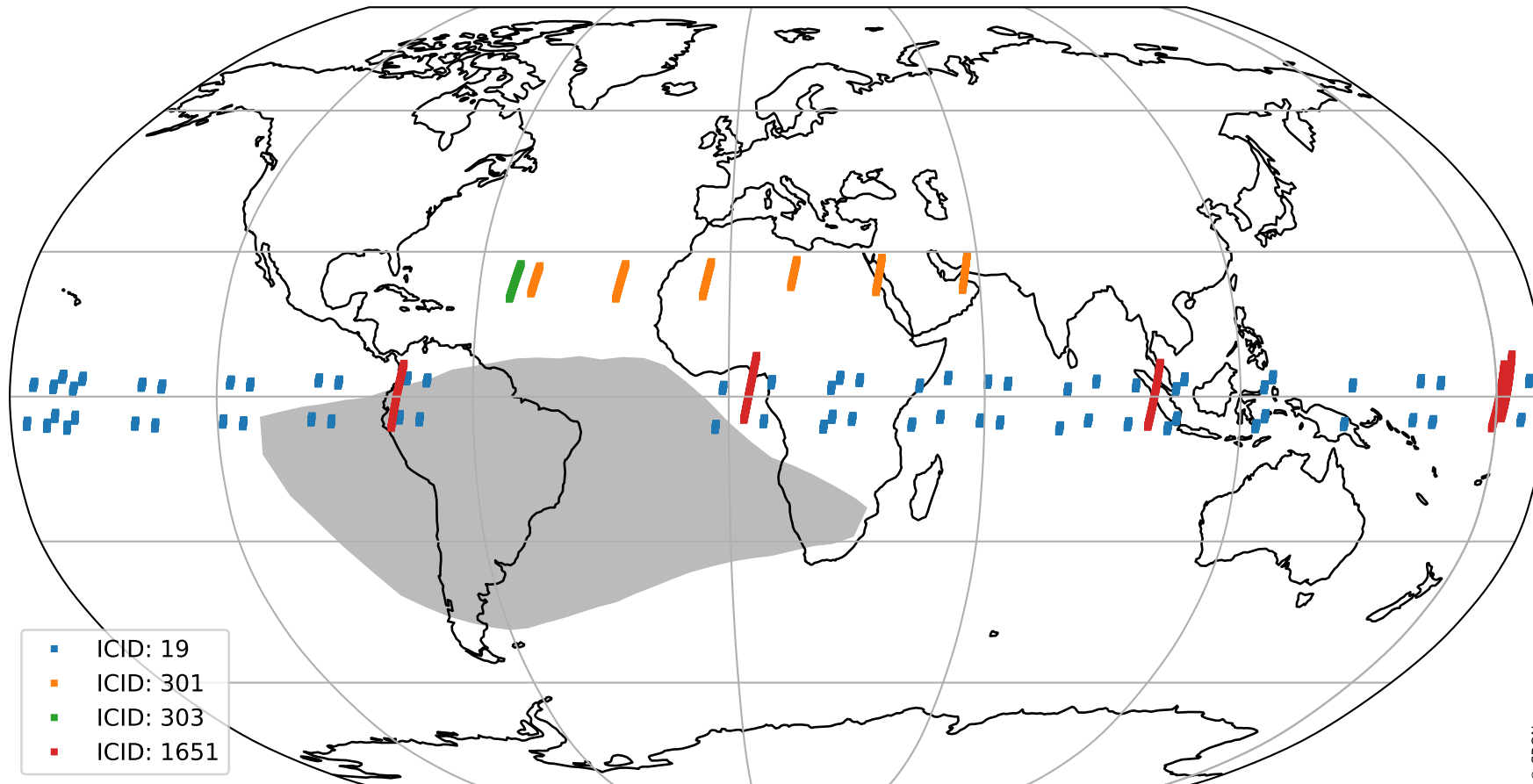
Tropomi SWIR background noise (swir)

orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
median : 0.98328
spread : 0.16952
created : 2023-08-21T15:57:04



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

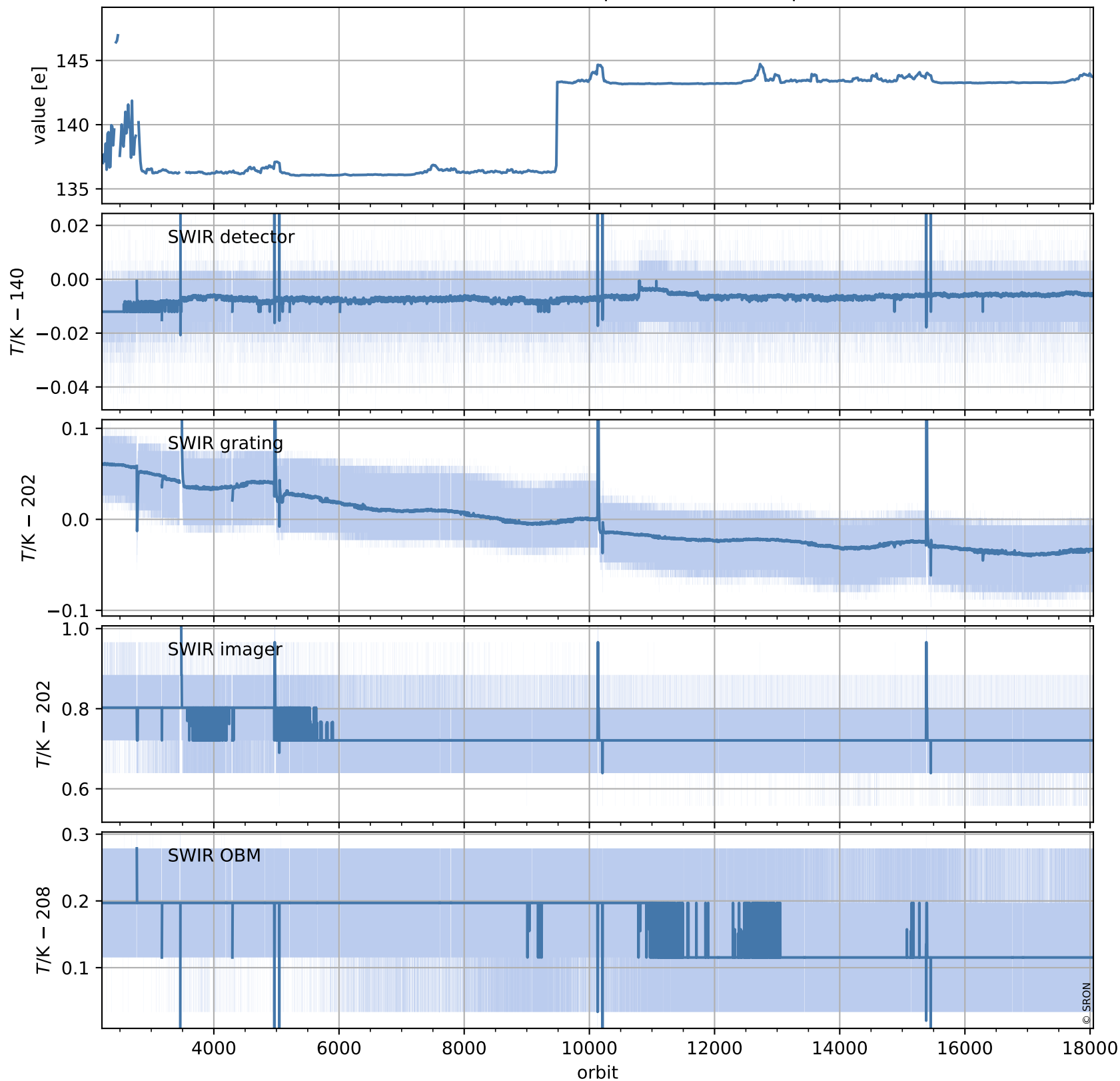
orbits : 12 in [17962, 18052]
coverage : 2021-04-01 / 2021-04-07
created : 2023-08-21T15:57:05



Tropomi SWIR background noise (swir)

orbits : [2212, 18052]
coverage : 2018-03-18 / 2021-04-07
created : 2023-08-21T15:57:05

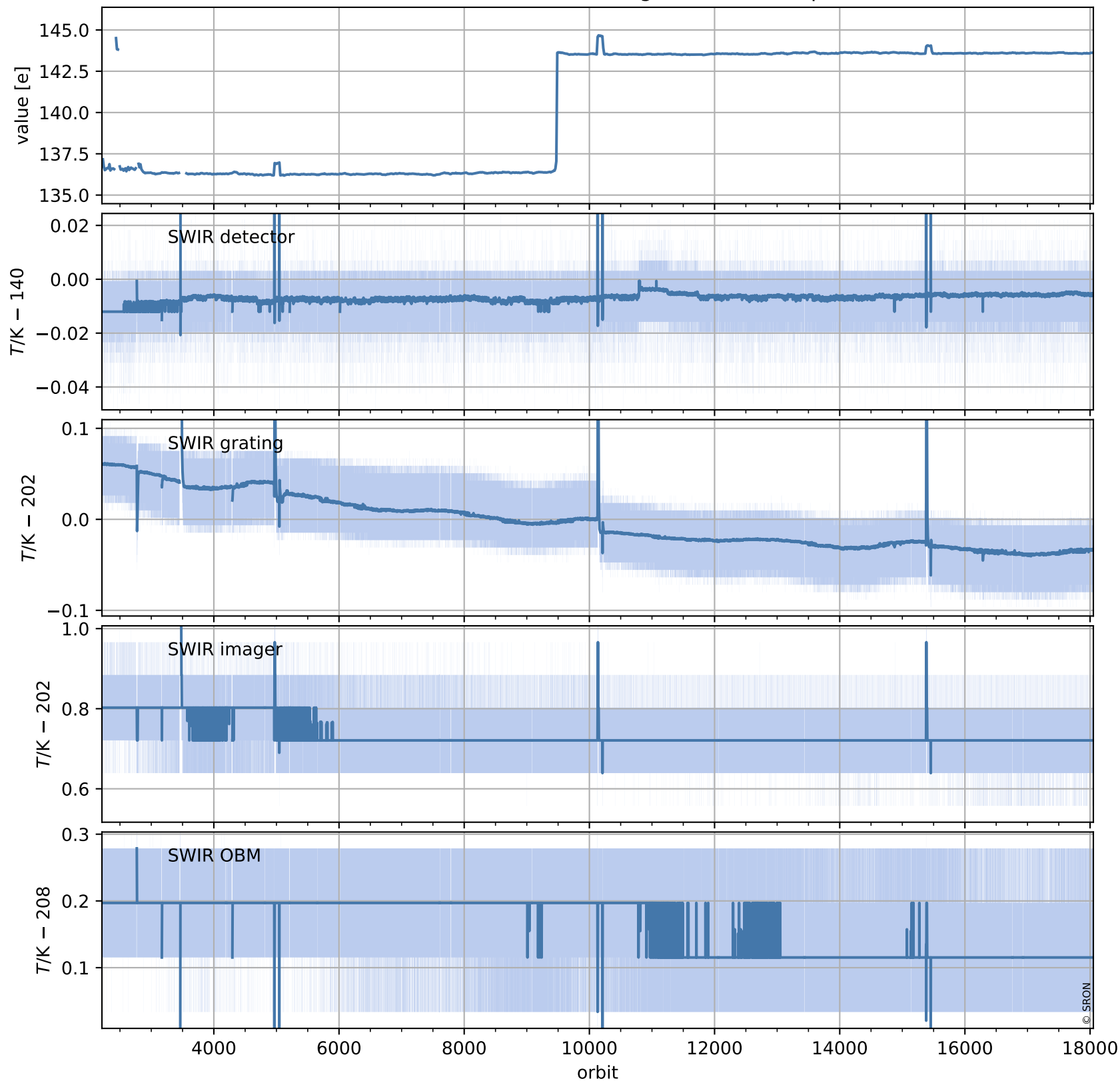
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18052]
coverage : 2018-03-18 / 2021-04-07
created : 2023-08-21T15:57:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18052]
coverage : 2018-03-18 / 2021-04-07
created : 2023-08-21T15:57:06

trend of normalized read-noise & temperatures

