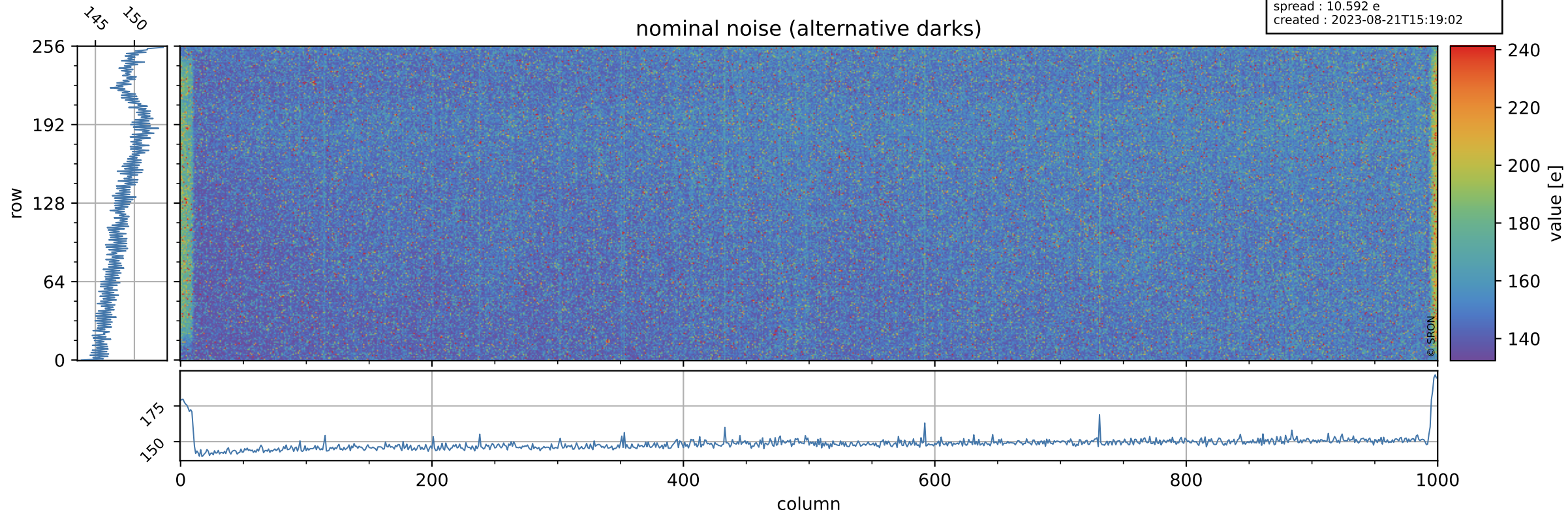


Tropomi SWIR background noise (swir)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.592 e
created : 2023-08-21T15:19:02

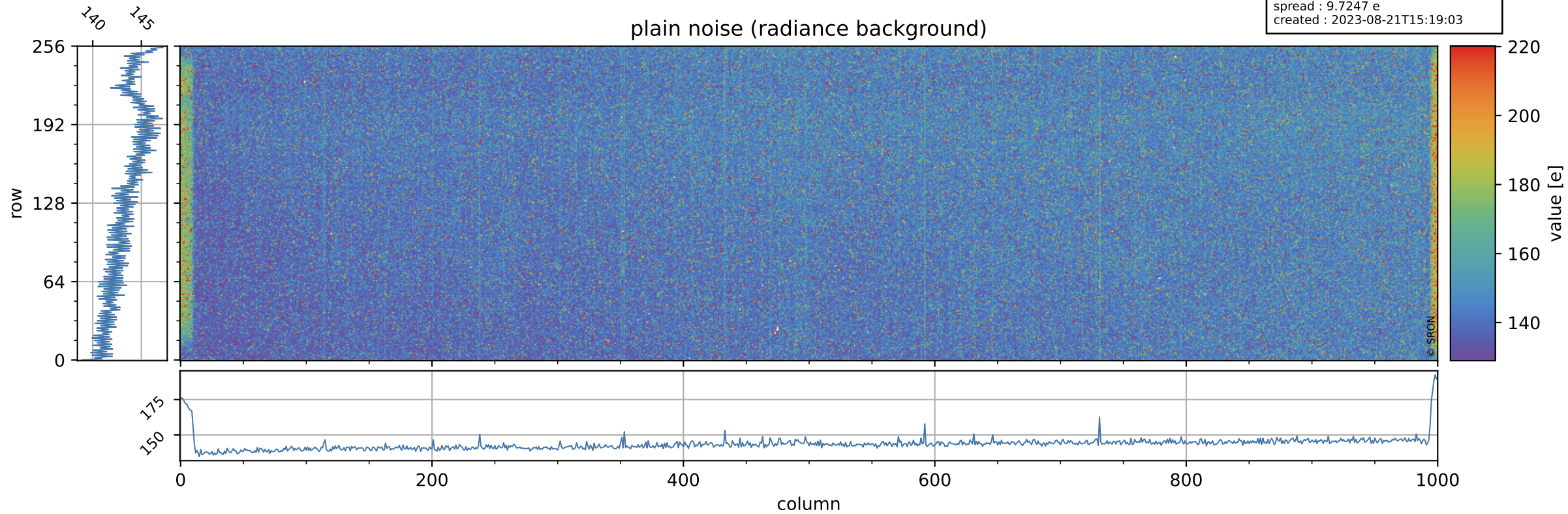
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7247 e
created : 2023-08-21T15:19:03

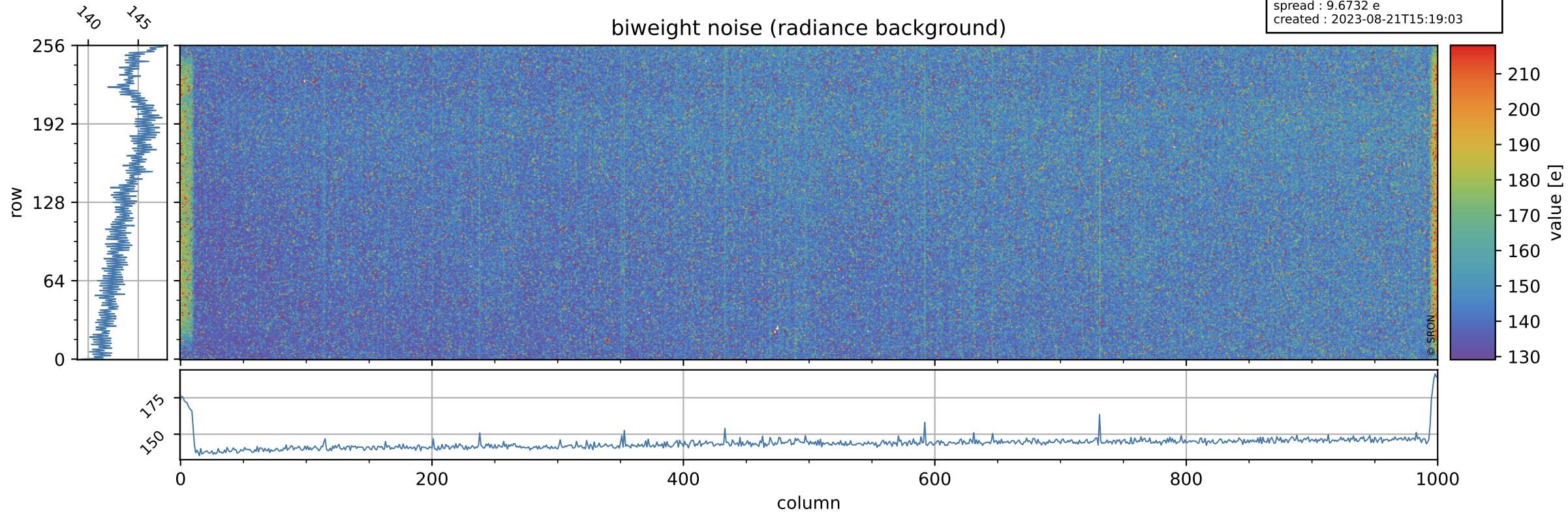
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6732 e
created : 2023-08-21T15:19:03

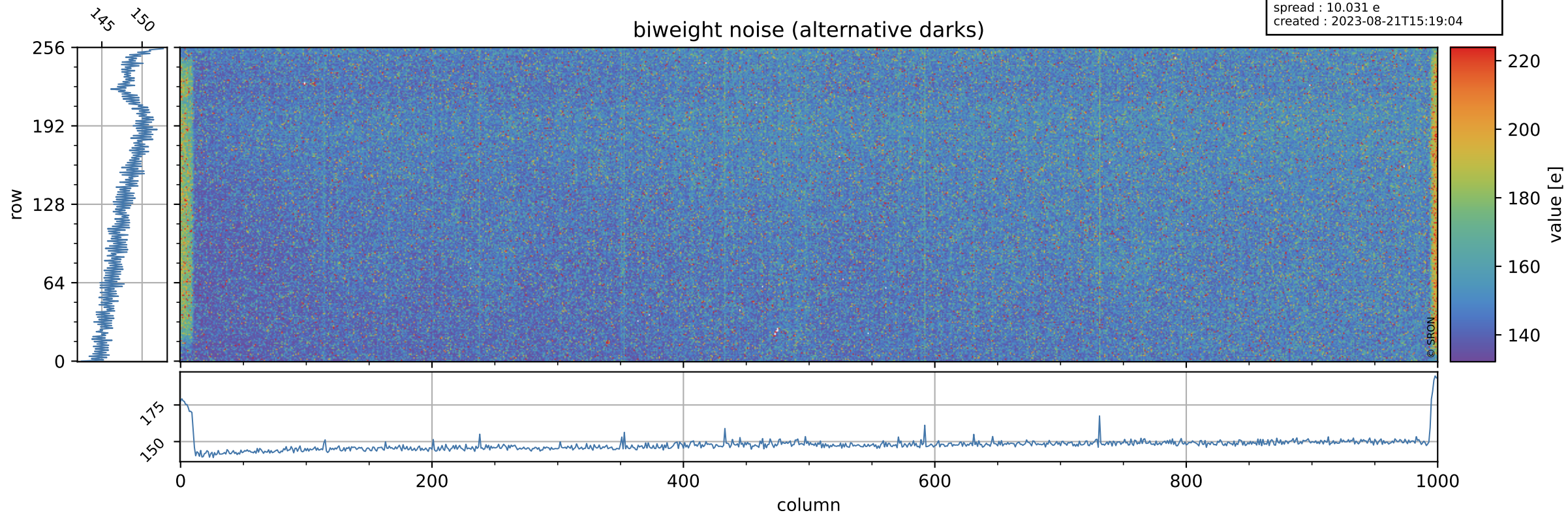
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.031 e
created : 2023-08-21T15:19:04

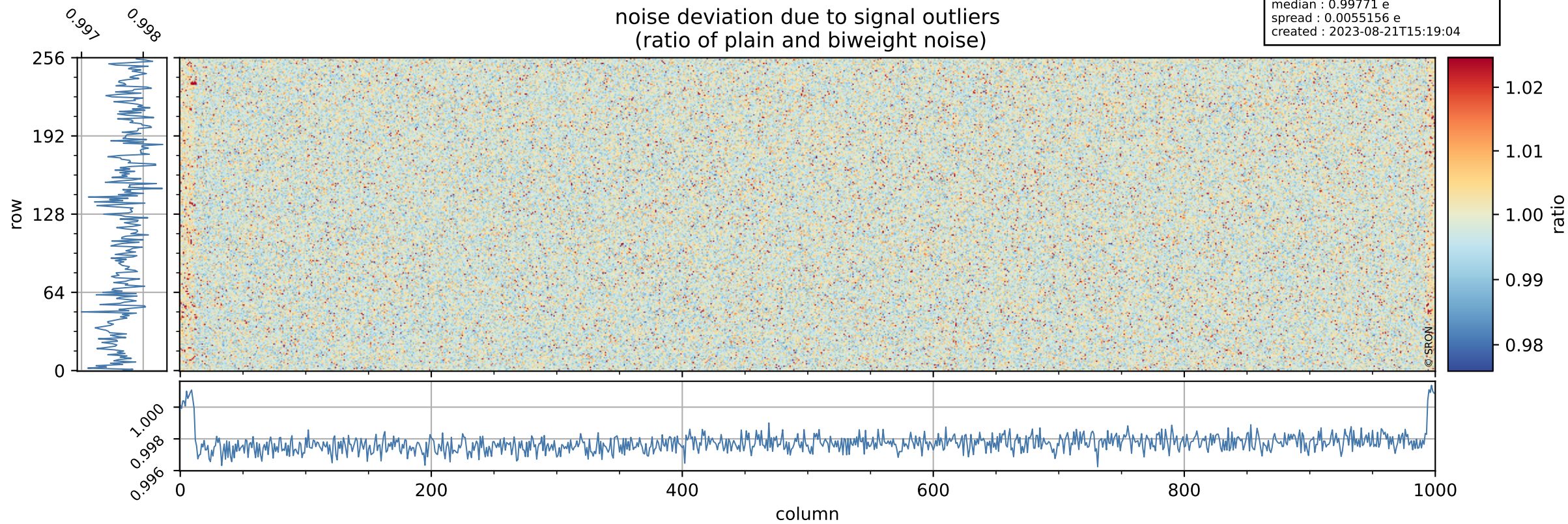
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

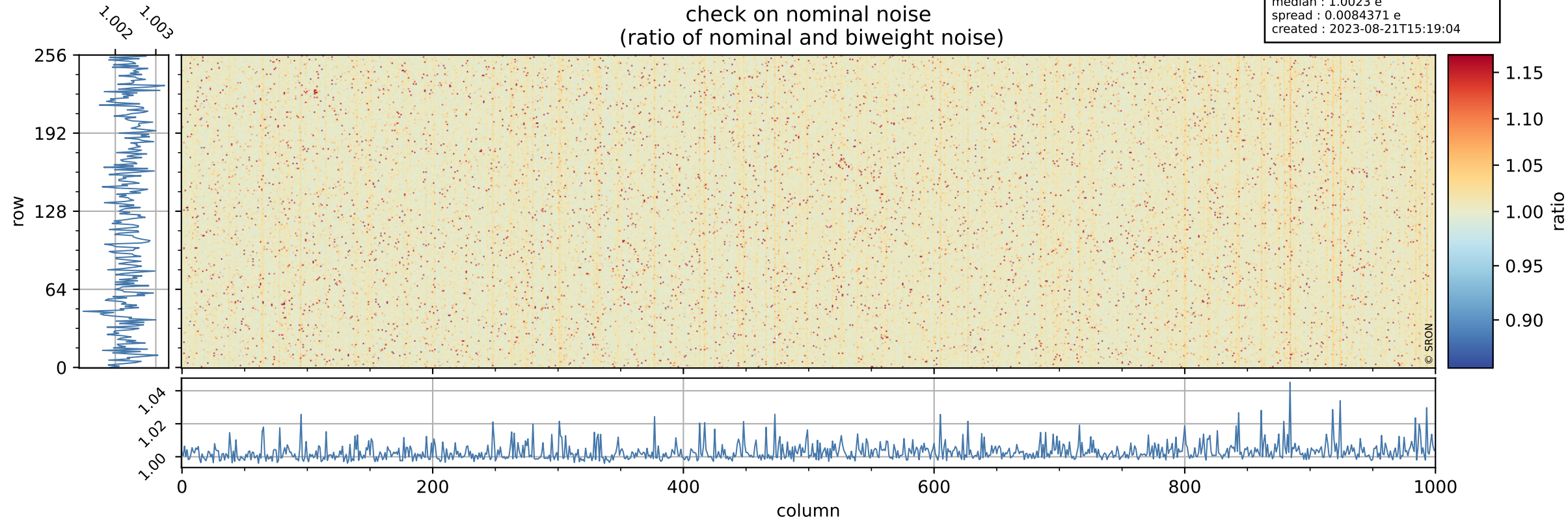
orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
median : 0.99771 e
spread : 0.0055156 e
created : 2023-08-21T15:19:04



Tropomi SWIR background noise (swir)

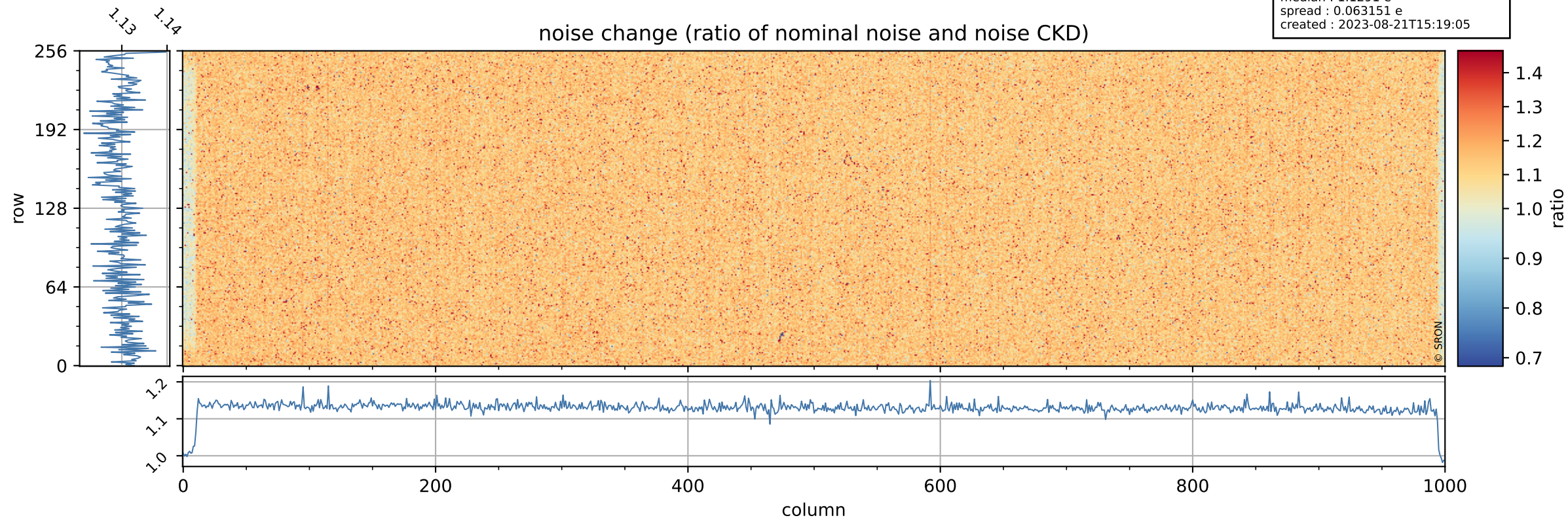
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
median : 1.0023 e
spread : 0.0084371 e
created : 2023-08-21T15:19:04



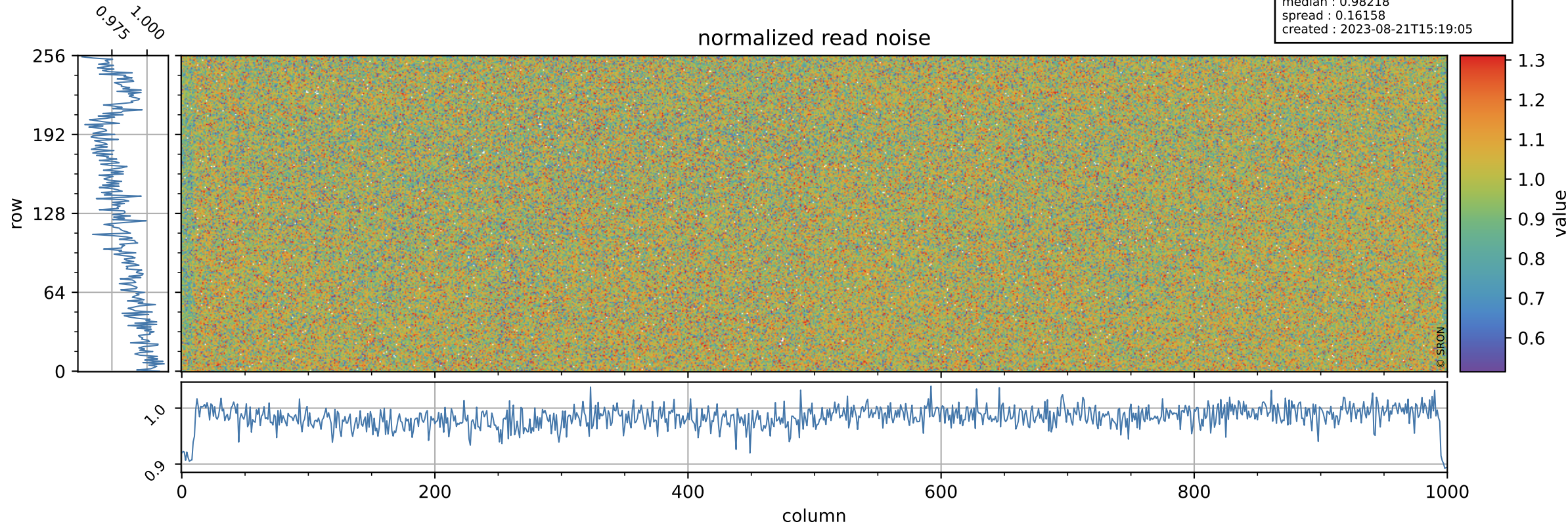
Tropomi SWIR background noise (swir)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
median : 1.1291 e
spread : 0.063151 e
created : 2023-08-21T15:19:05



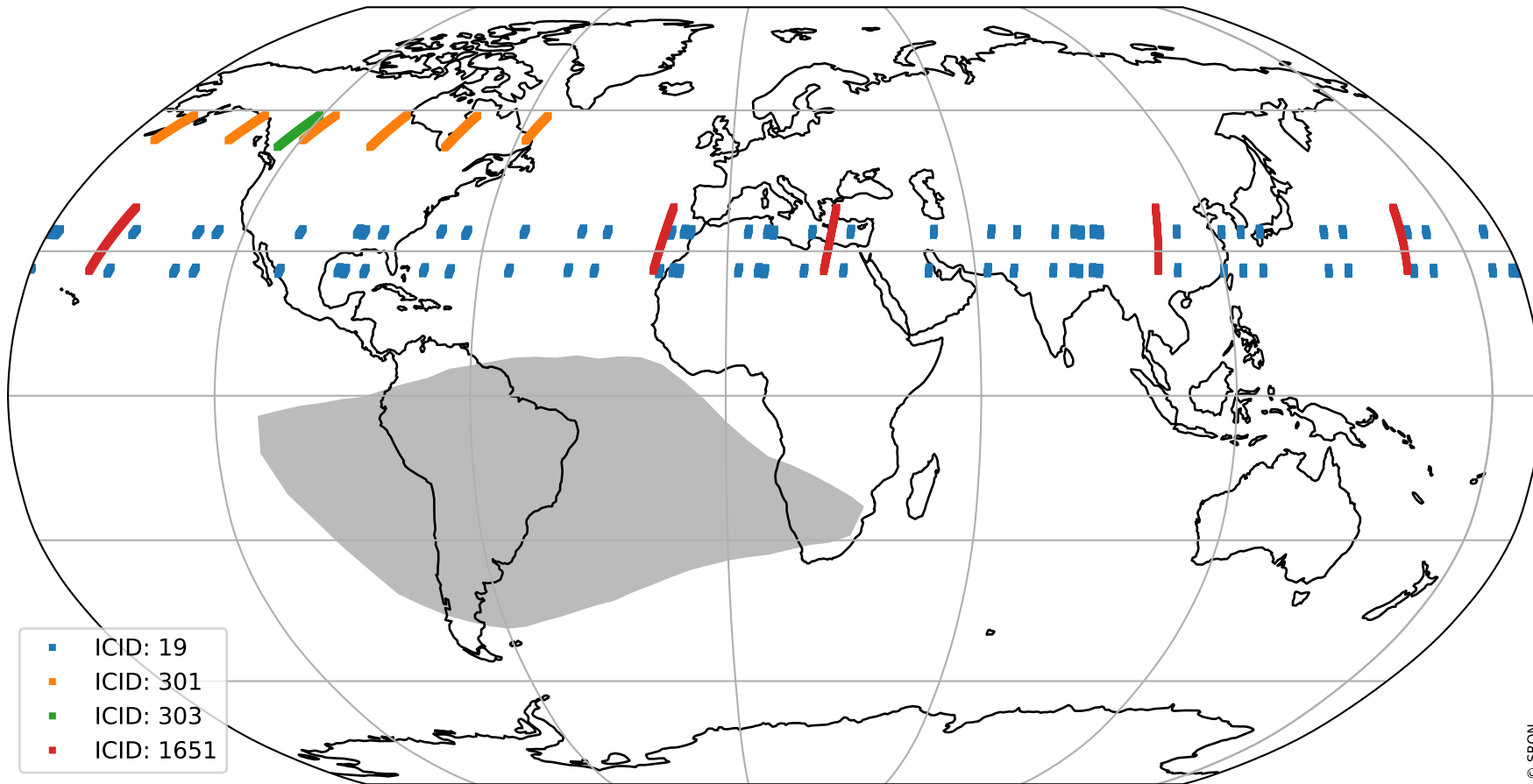
Tropomi SWIR background noise (swir)

orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
median : 0.98218
spread : 0.16158
created : 2023-08-21T15:19:05



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

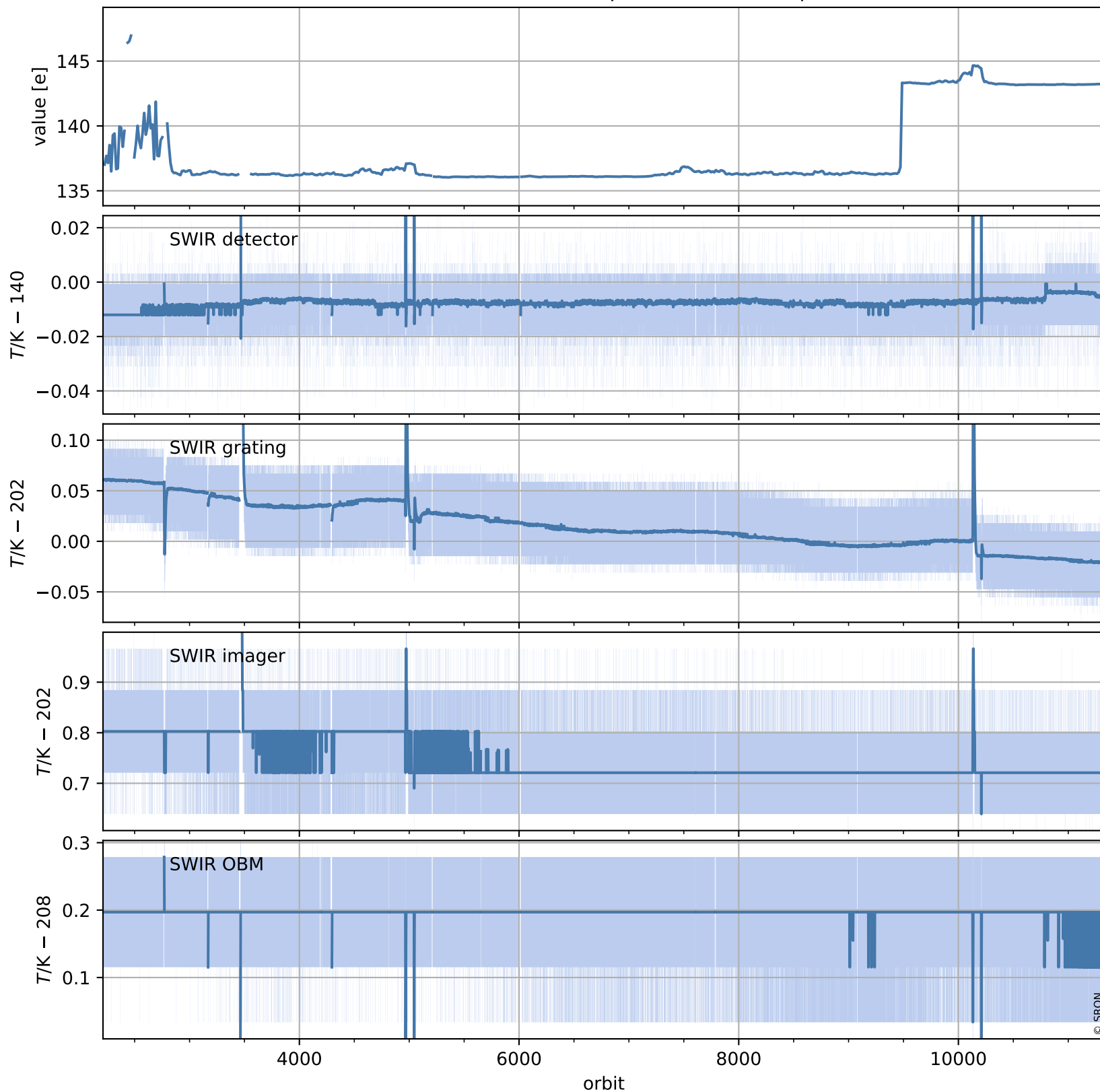
orbits : 12 in [11242, 11332]
coverage : 2019-12-15 / 2019-12-20
created : 2023-08-21T15:19:06



Tropomi SWIR background noise (swir)

orbits : [2212, 11332]
coverage : 2018-03-18 / 2019-12-20
created : 2023-08-21T15:19:06

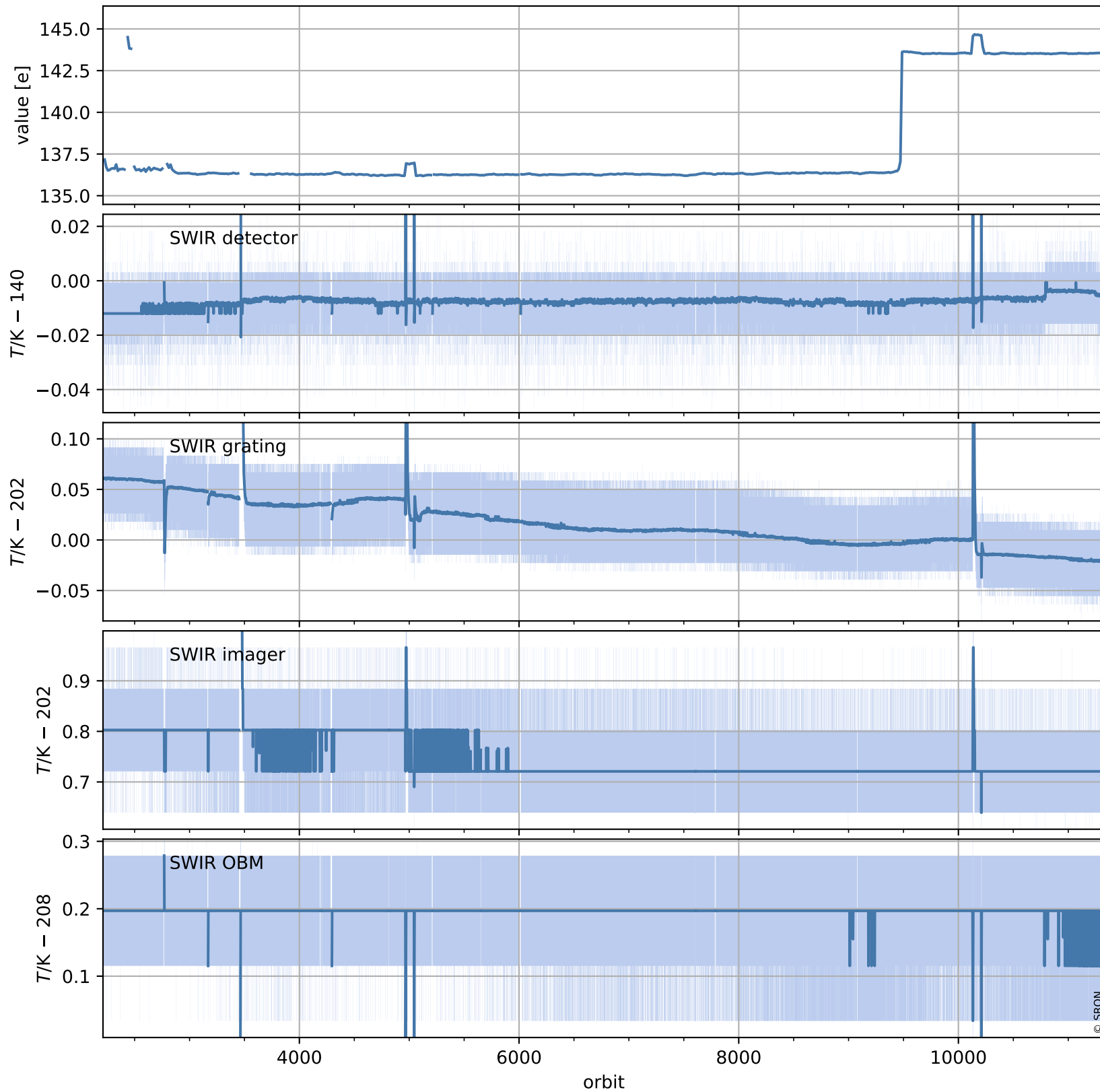
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11332]
coverage : 2018-03-18 / 2019-12-20
created : 2023-08-21T15:19:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11332]
coverage : 2018-03-18 / 2019-12-20
created : 2023-08-21T15:19:08

trend of normalized read-noise & temperatures

