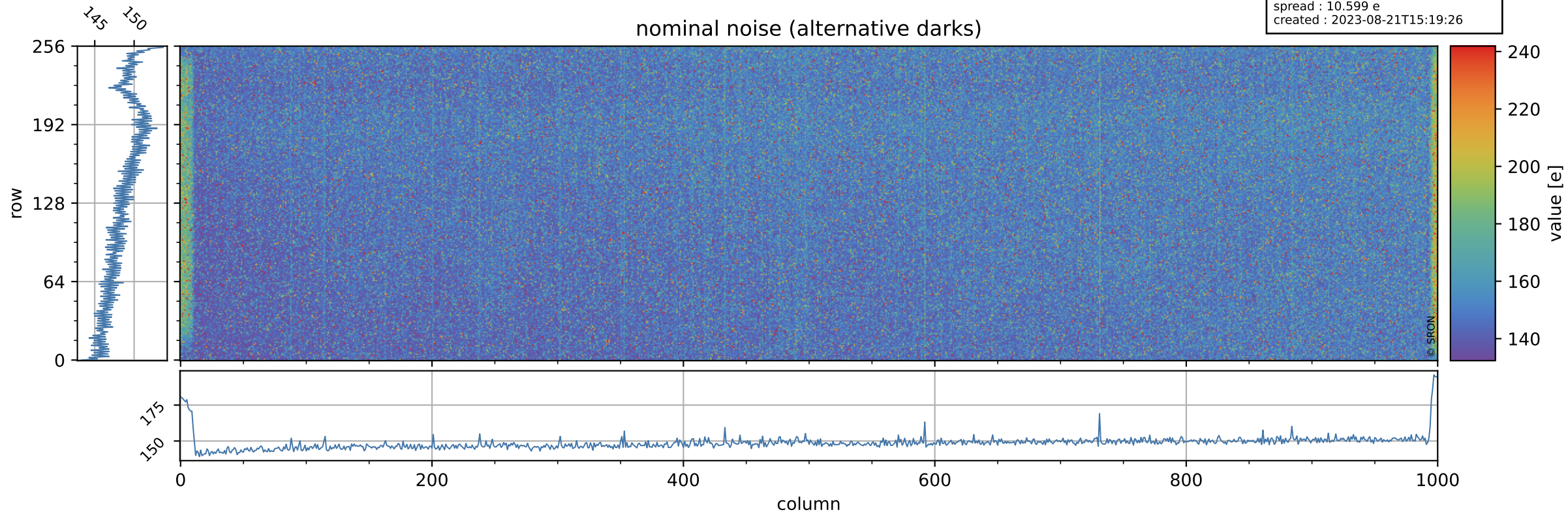


Tropomi SWIR background noise (swir)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.599 e
created : 2023-08-21T15:19:26

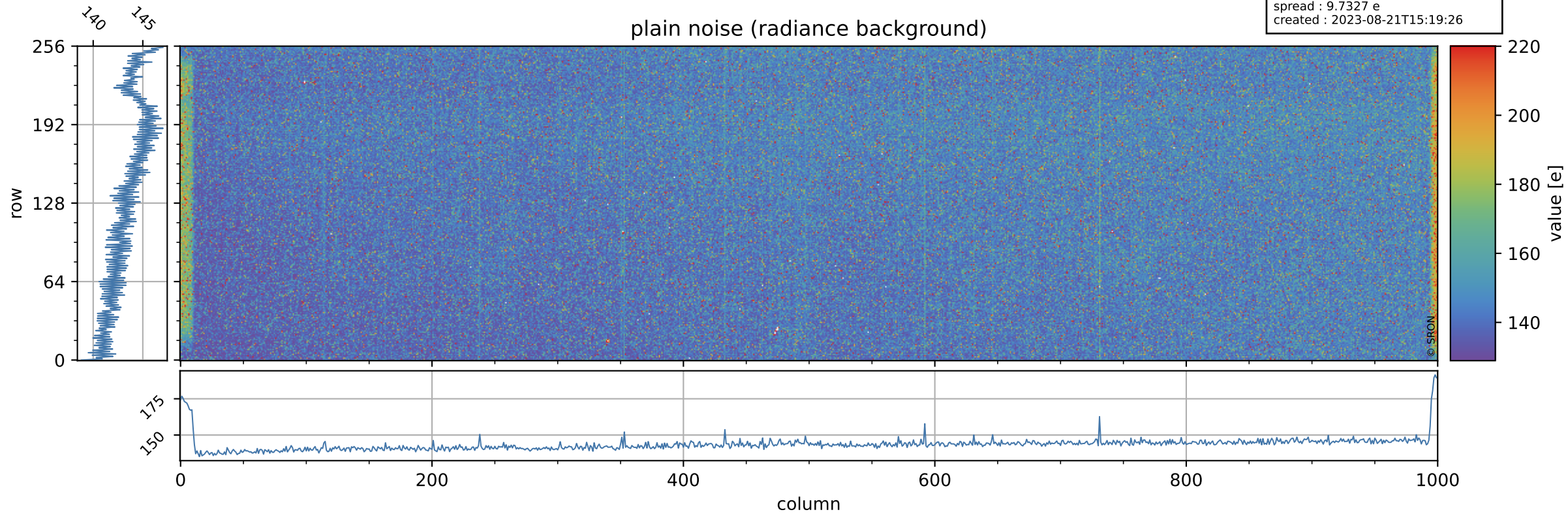
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7327 e
created : 2023-08-21T15:19:26

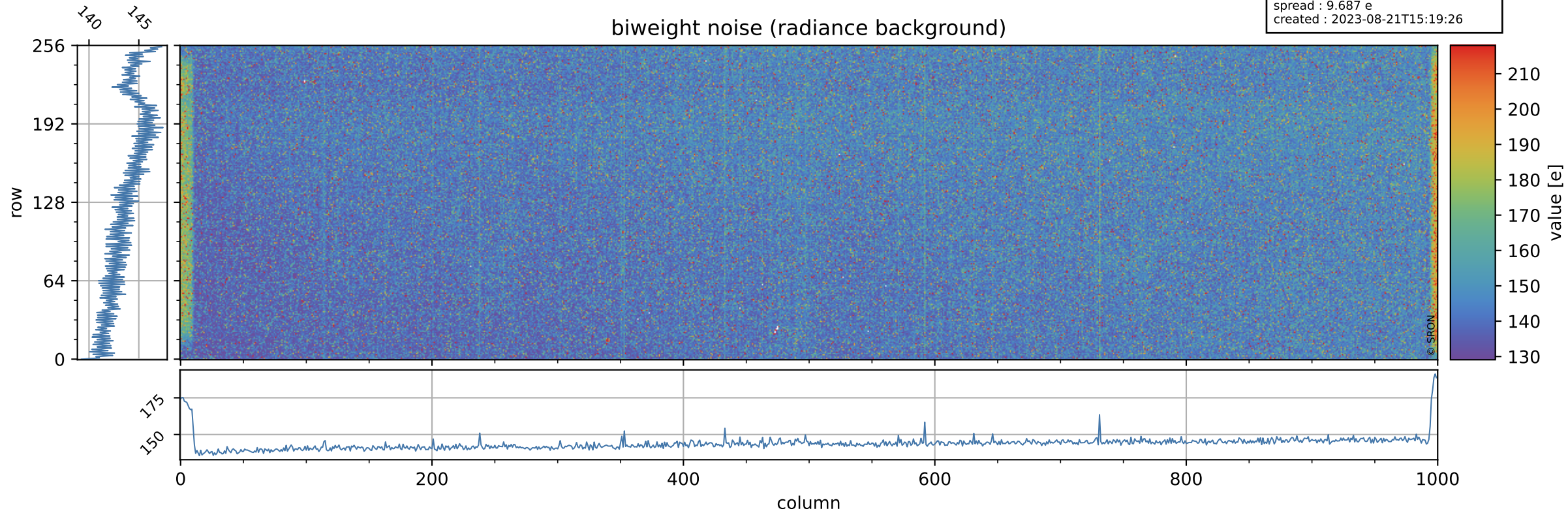
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.687 e
created : 2023-08-21T15:19:26

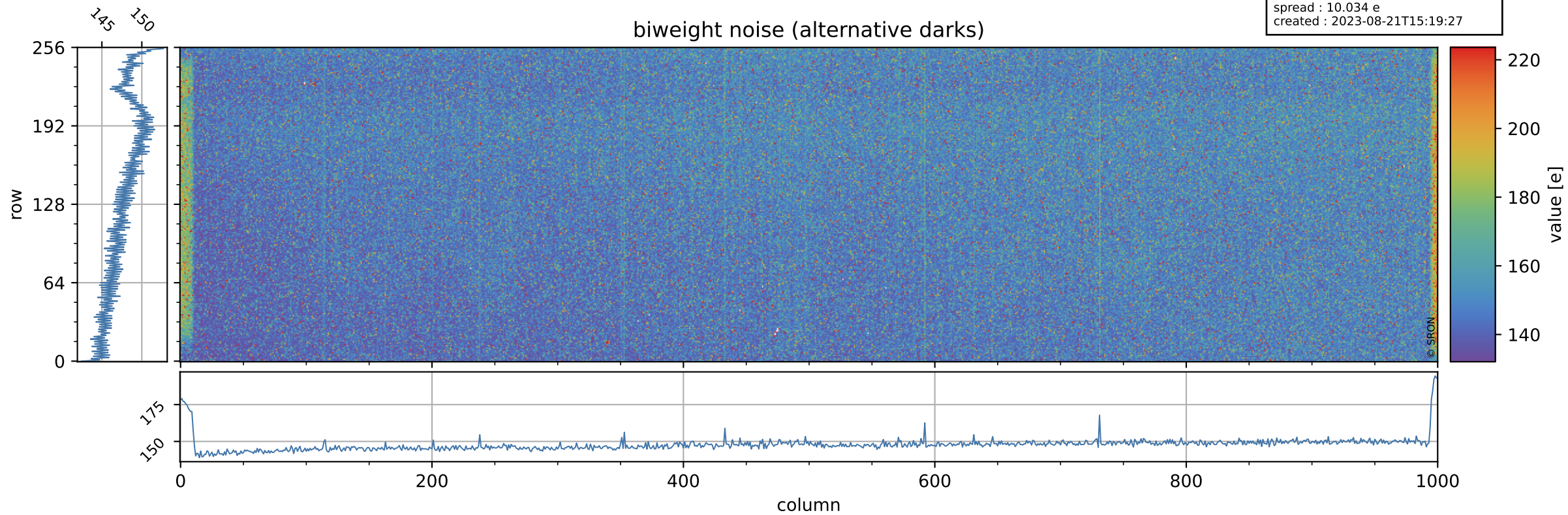
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.034 e
created : 2023-08-21T15:19:27

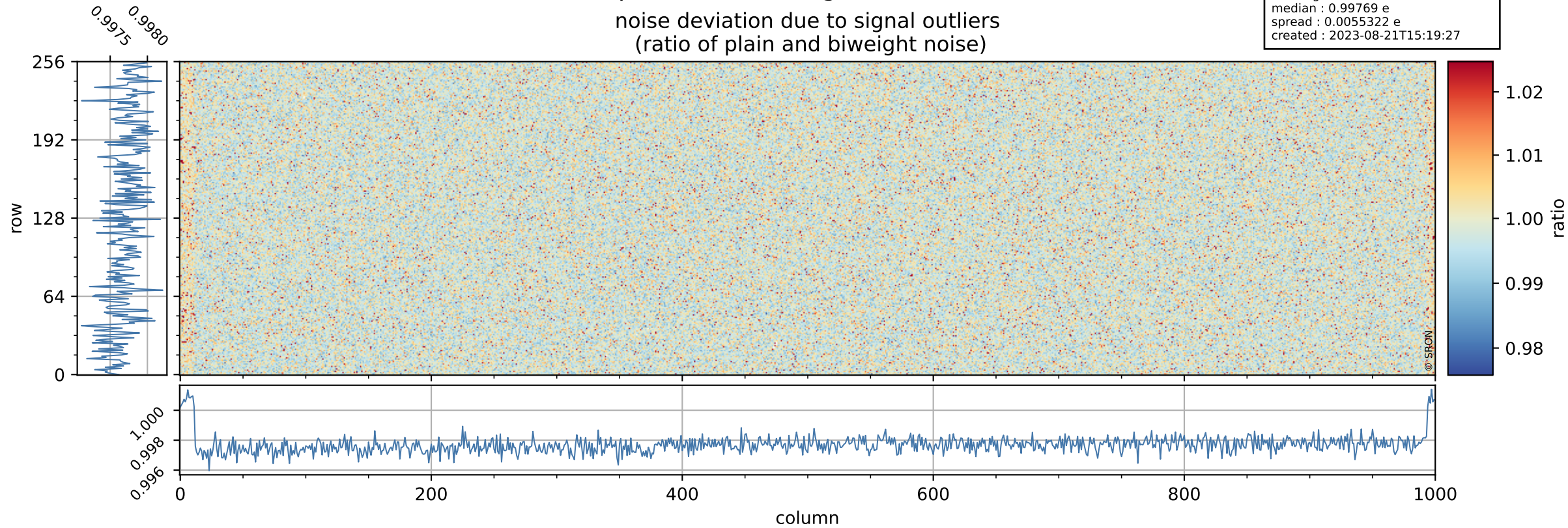
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

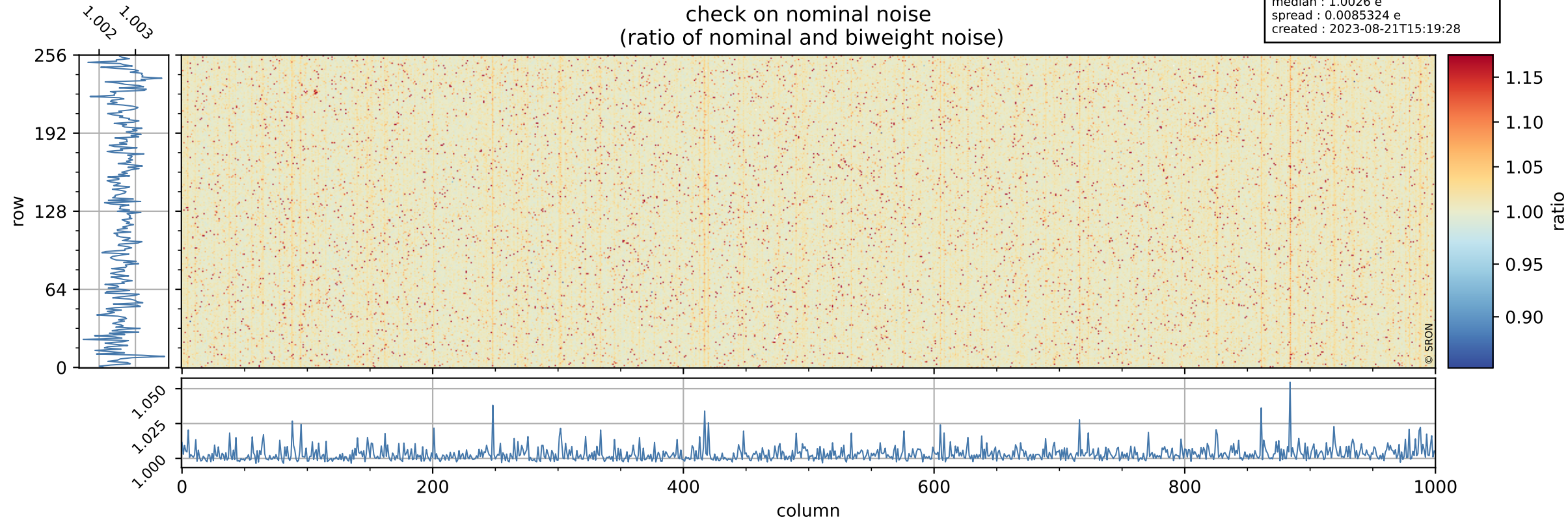
orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
median : 0.99769 e
spread : 0.0055322 e
created : 2023-08-21T15:19:27



Tropomi SWIR background noise (swir)

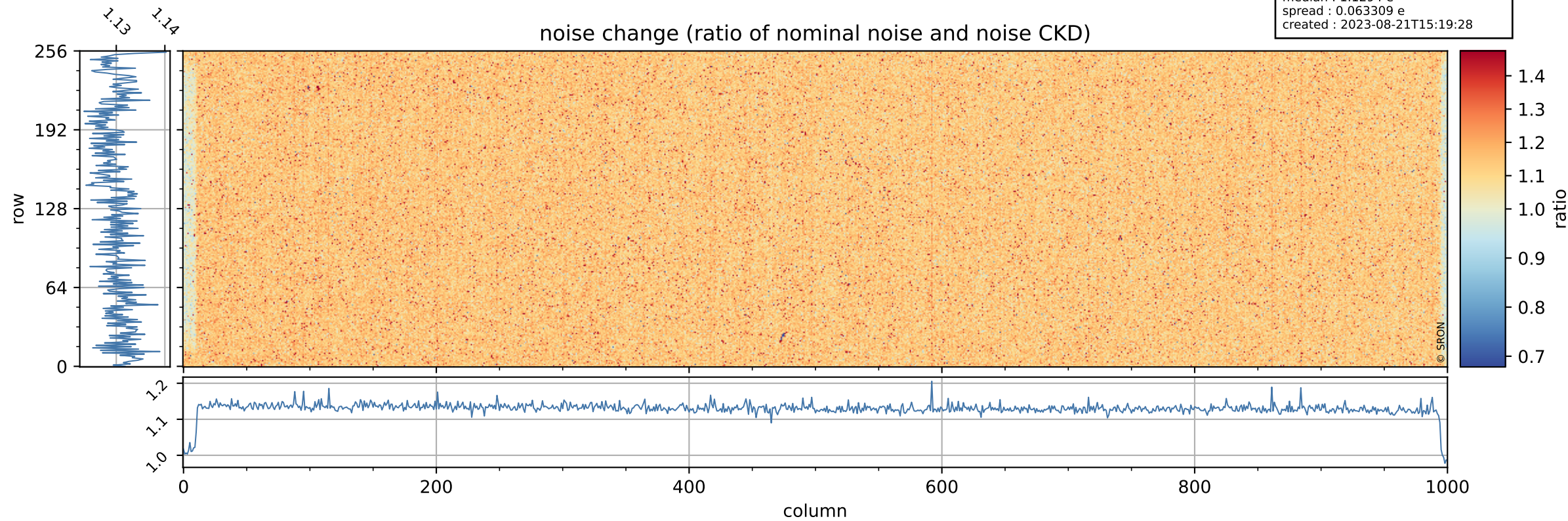
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
median : 1.0026 e
spread : 0.0085324 e
created : 2023-08-21T15:19:28



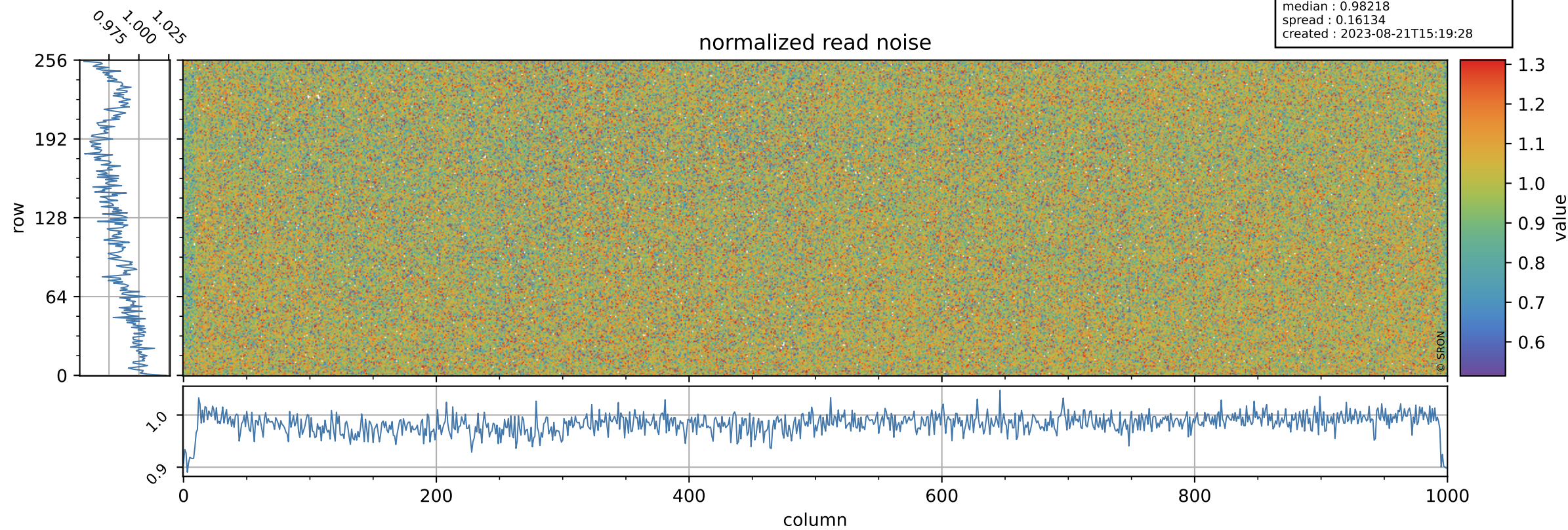
Tropomi SWIR background noise (swir)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
median : 1.1294 e
spread : 0.063309 e
created : 2023-08-21T15:19:28



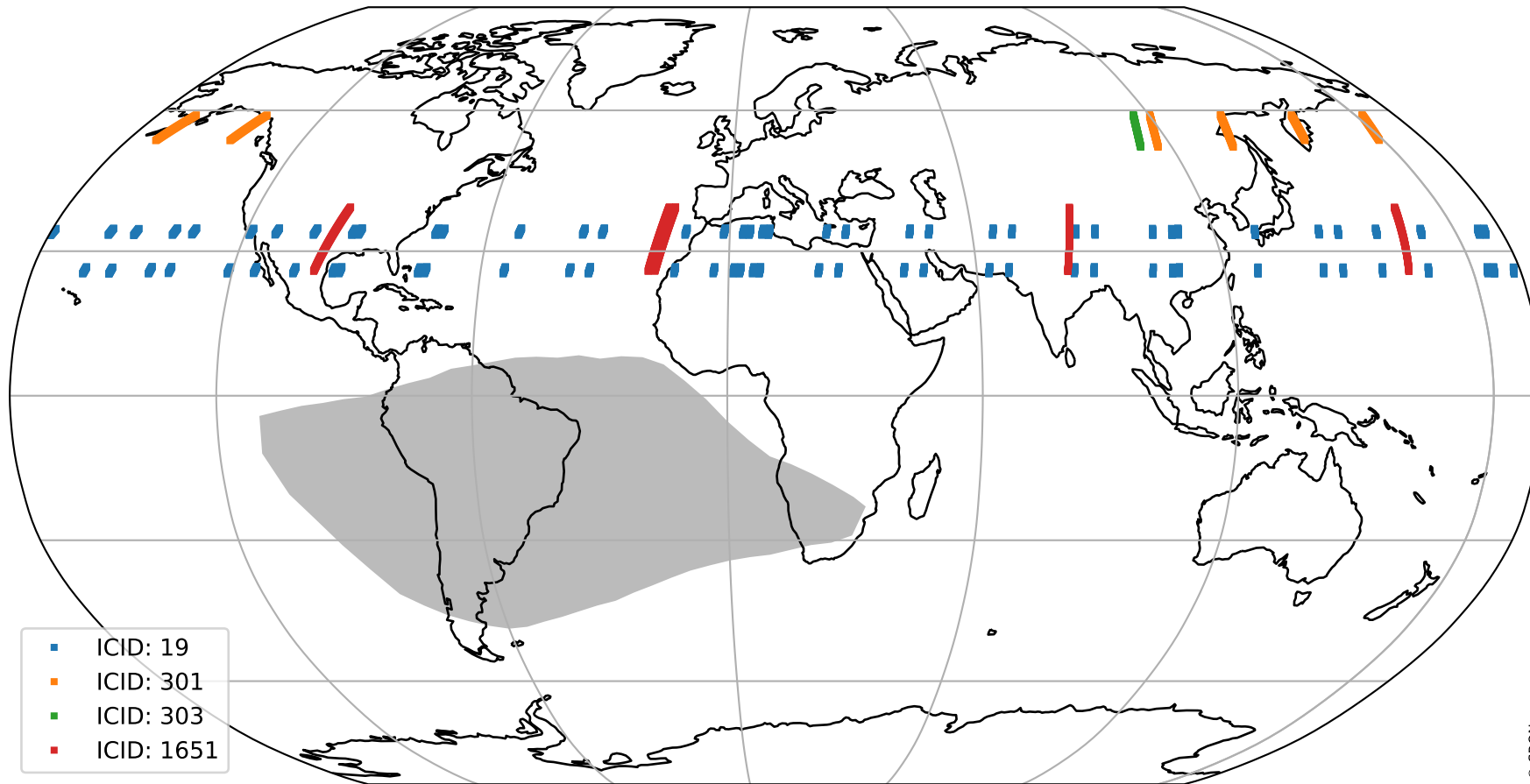
Tropomi SWIR background noise (swir)

orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
median : 0.98218
spread : 0.16134
created : 2023-08-21T15:19:28



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

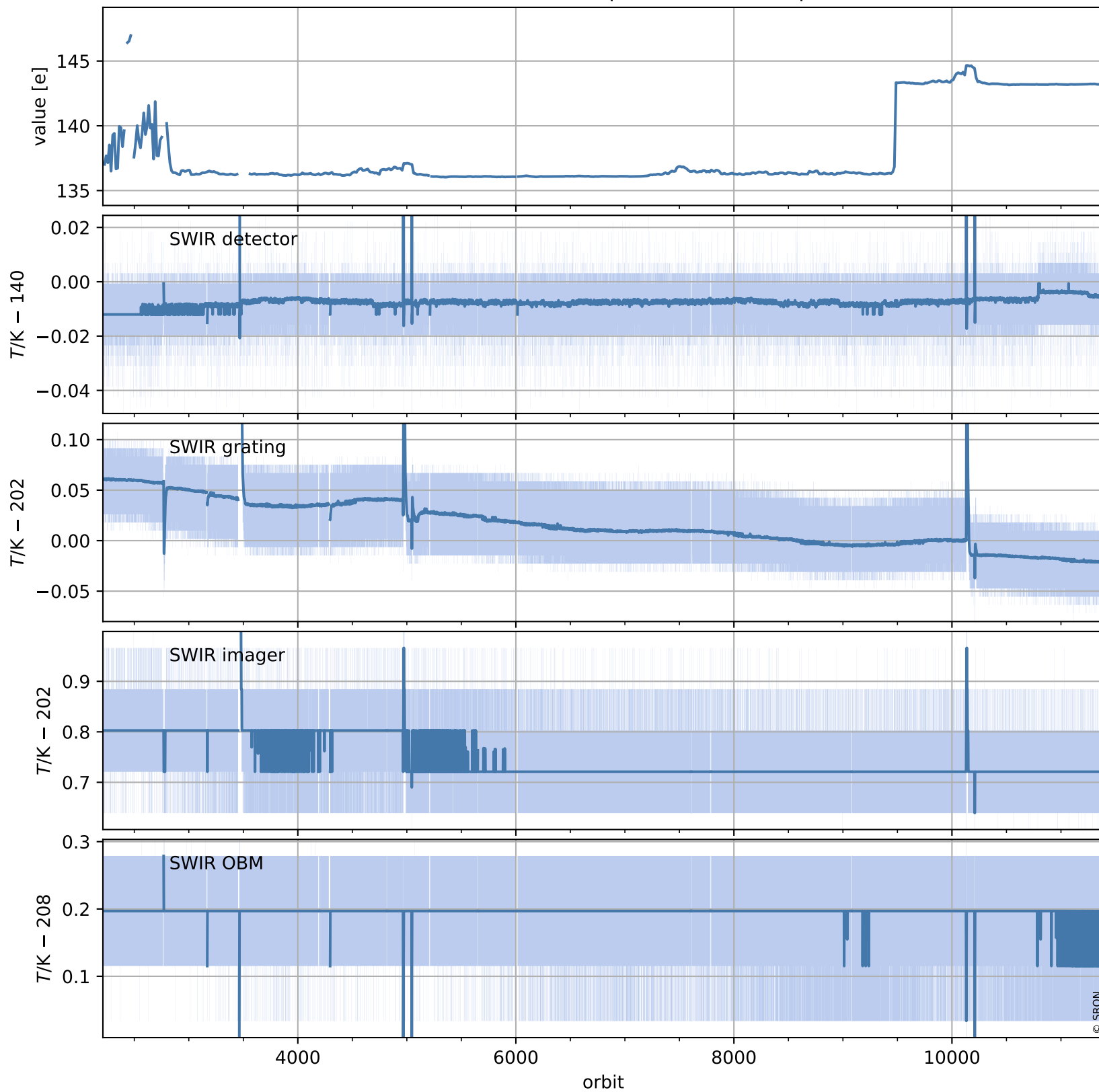
orbits : 12 in [11302, 11392]
coverage : 2019-12-19 / 2019-12-25
created : 2023-08-21T15:19:29



Tropomi SWIR background noise (swir)

orbits : [2212, 11392]
coverage : 2018-03-18 / 2019-12-25
created : 2023-08-21T15:19:29

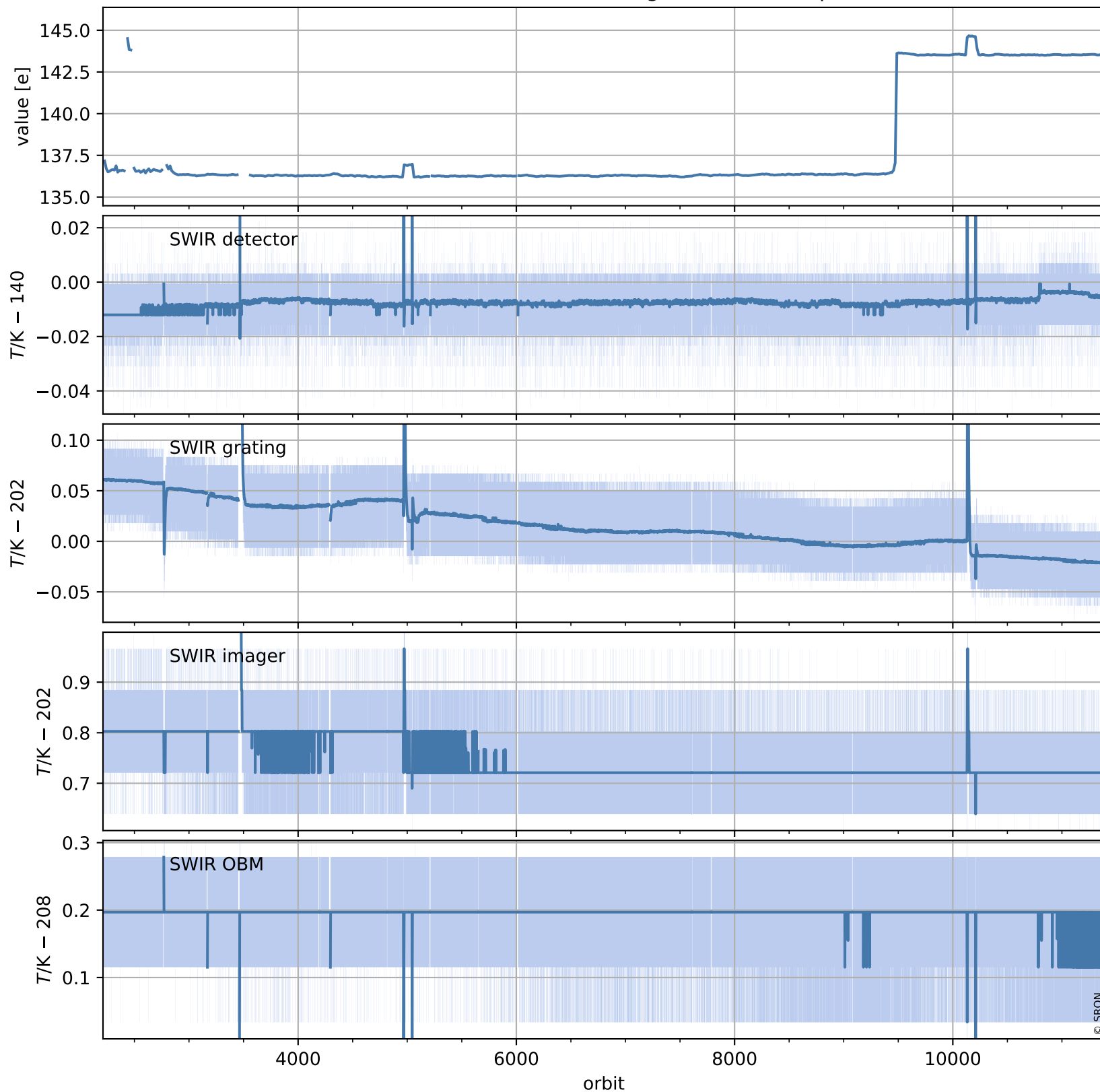
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11392]
coverage : 2018-03-18 / 2019-12-25
created : 2023-08-21T15:19:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11392]
coverage : 2018-03-18 / 2019-12-25
created : 2023-08-21T15:19:30

trend of normalized read-noise & temperatures

