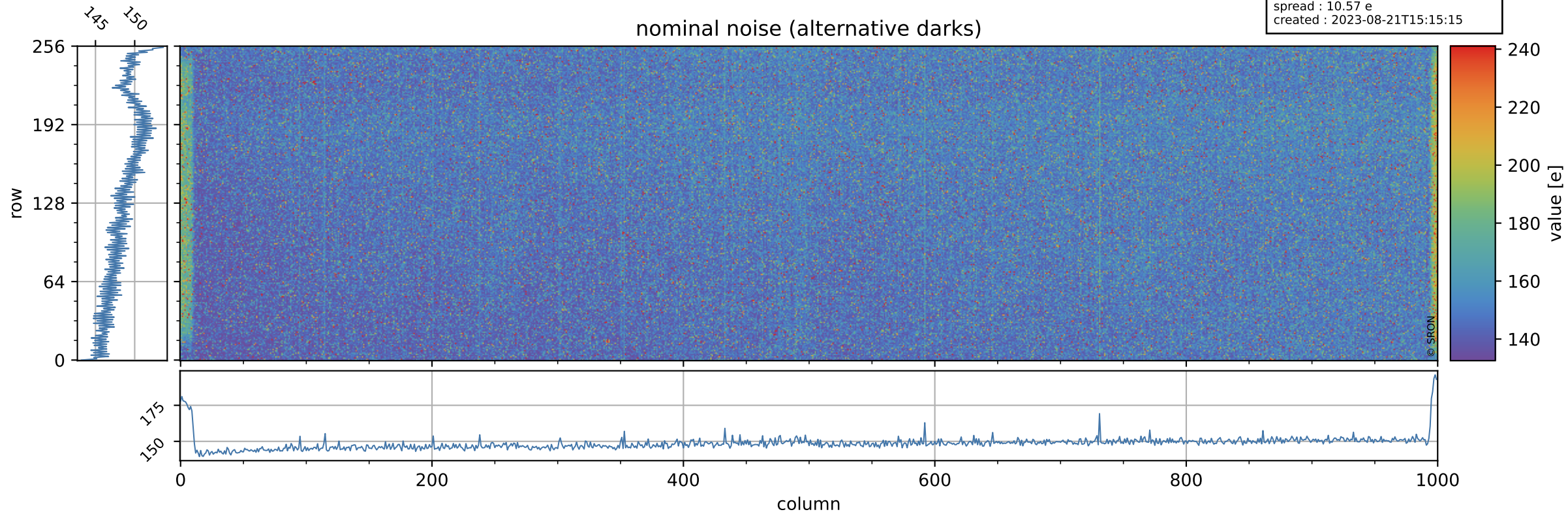


Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.57 e
created : 2023-08-21T15:15:15

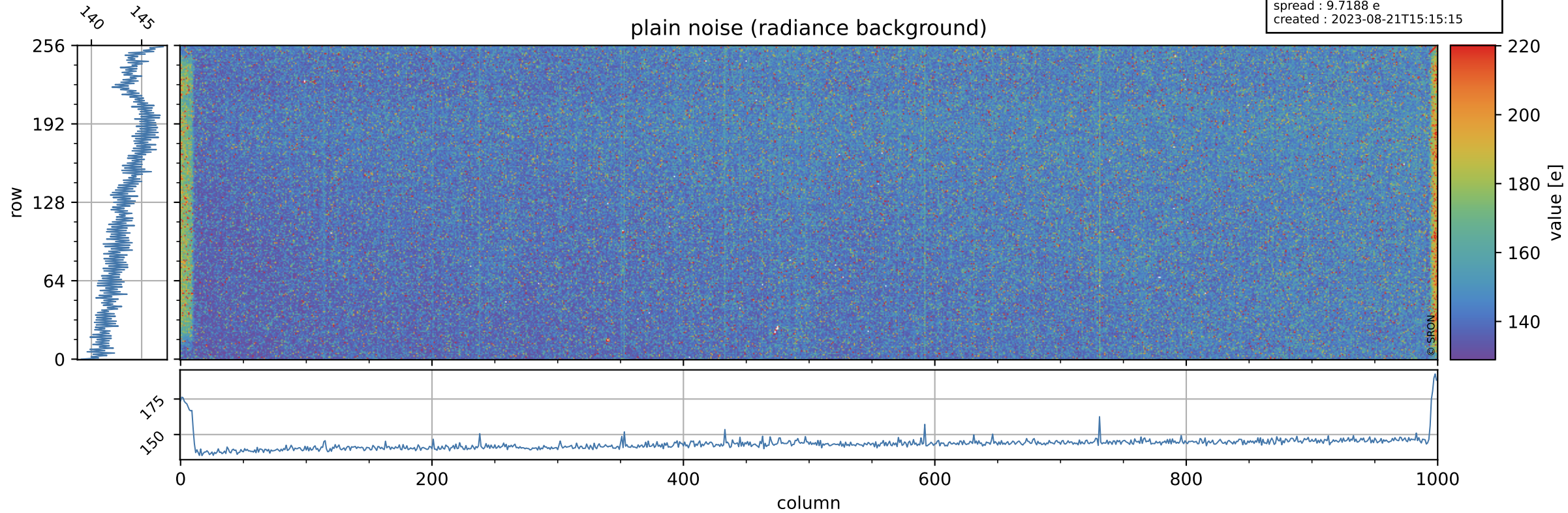
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
n_coad, t_exp : 1, 0.8383
median : 143.32 e
spread : 9.7188 e
created : 2023-08-21T15:15:15

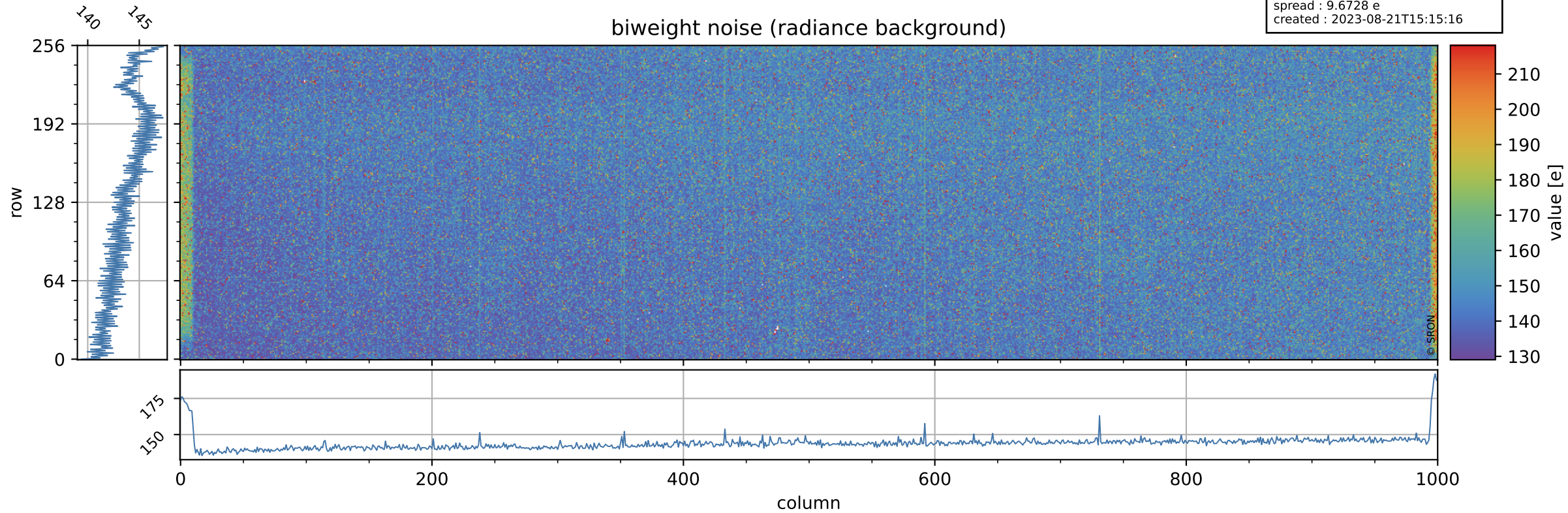
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.6728 e
created : 2023-08-21T15:15:16

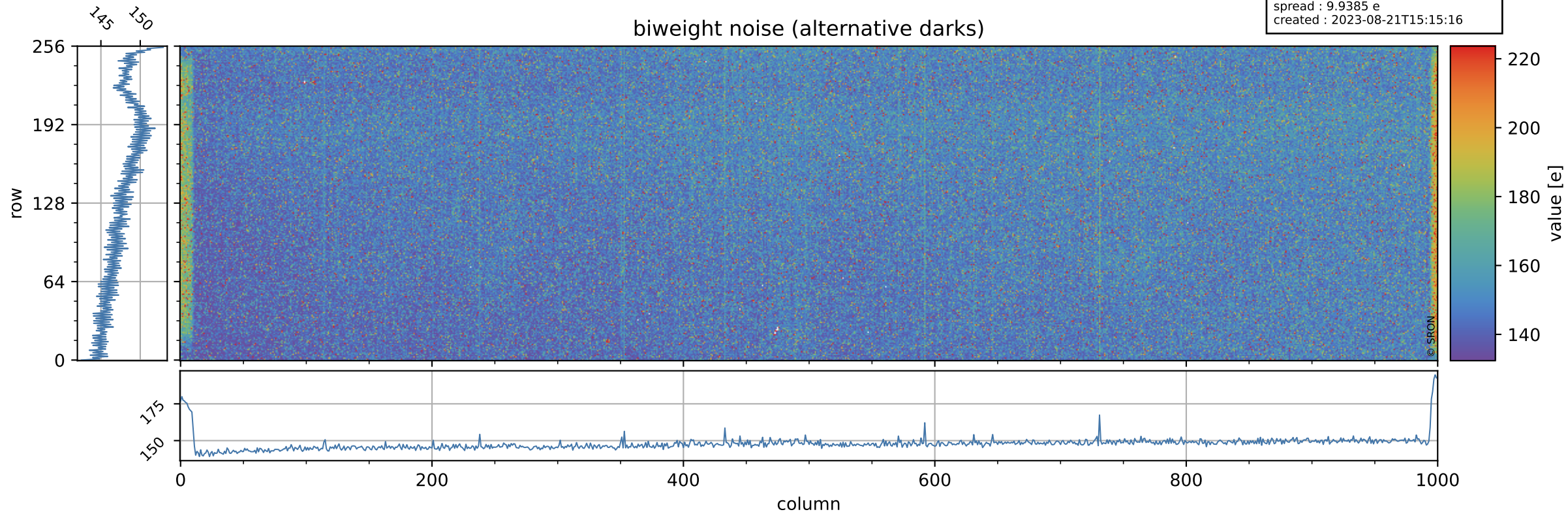
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 9.9385 e
created : 2023-08-21T15:15:16

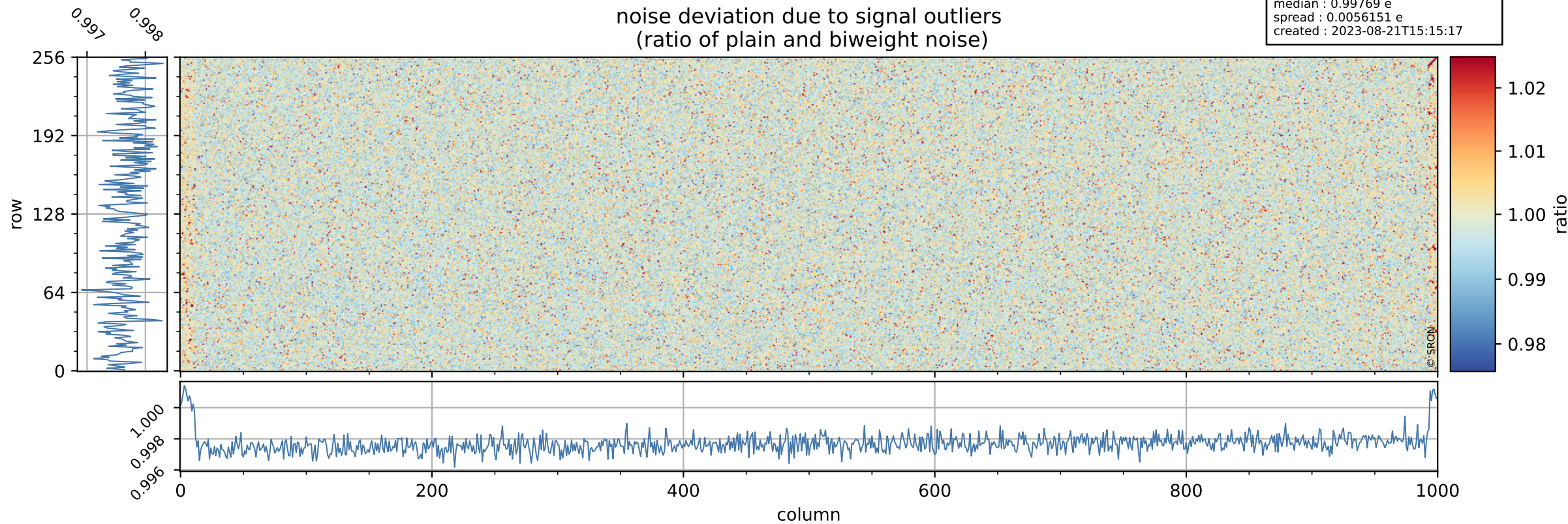
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

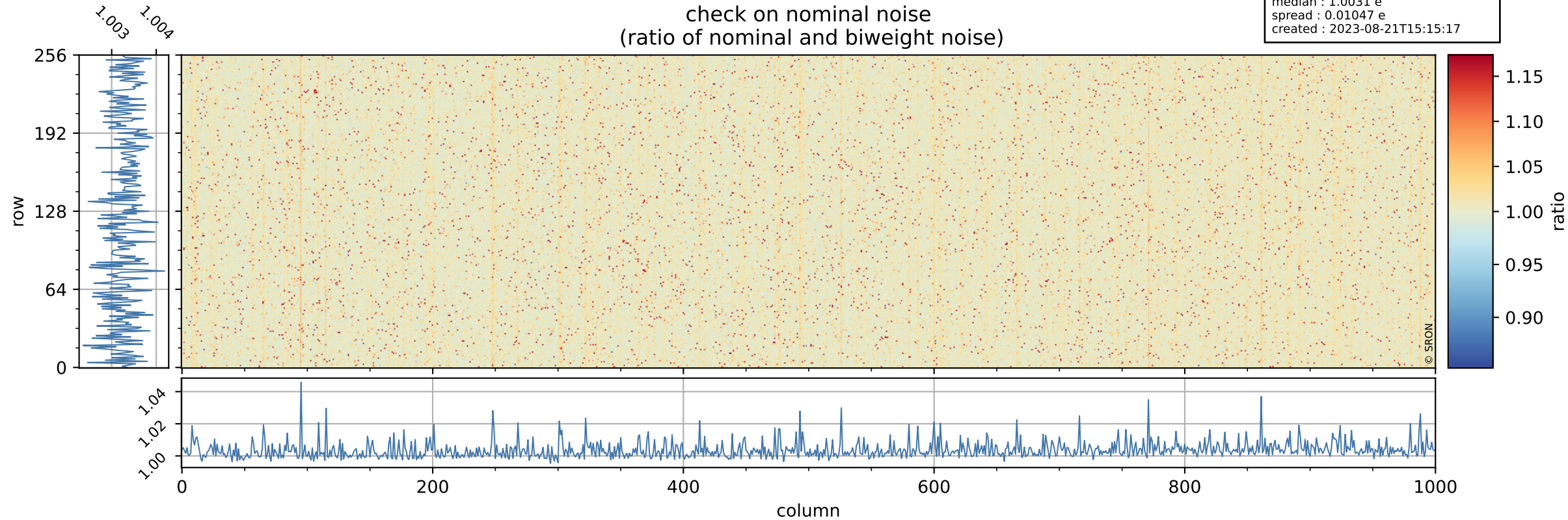
orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
median : 0.99769 e
spread : 0.0056151 e
created : 2023-08-21T15:15:17



Tropomi SWIR background noise (swir)

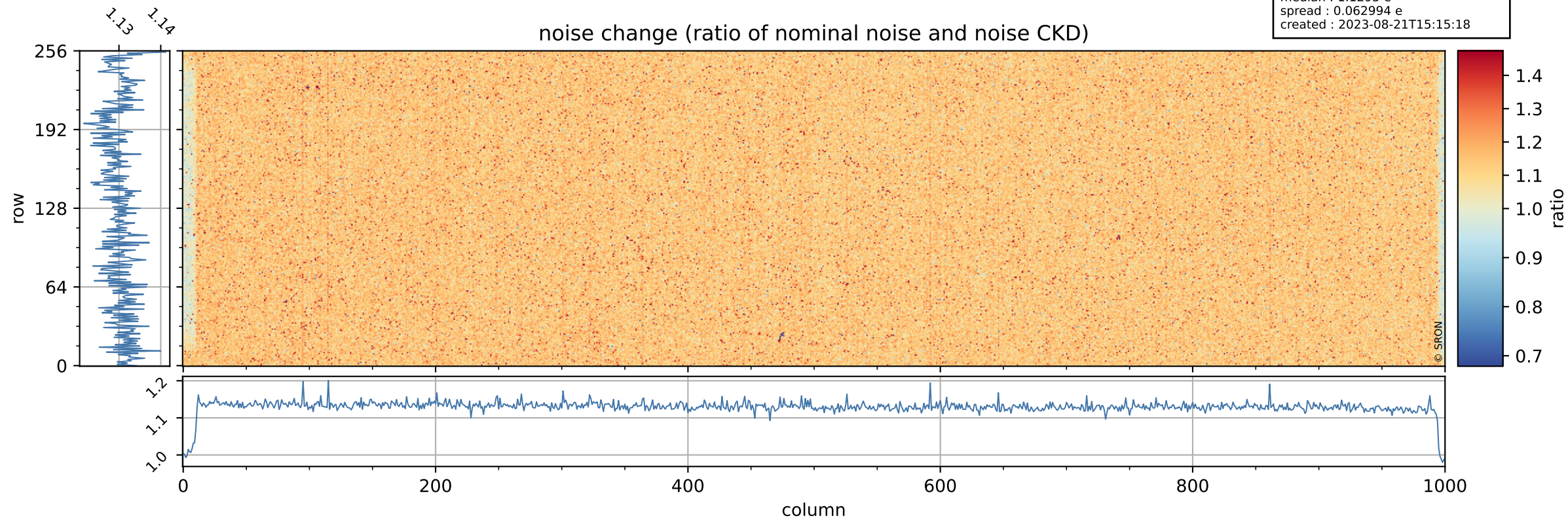
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
median : 1.0031 e
spread : 0.01047 e
created : 2023-08-21T15:15:17



Tropomi SWIR background noise (swir)

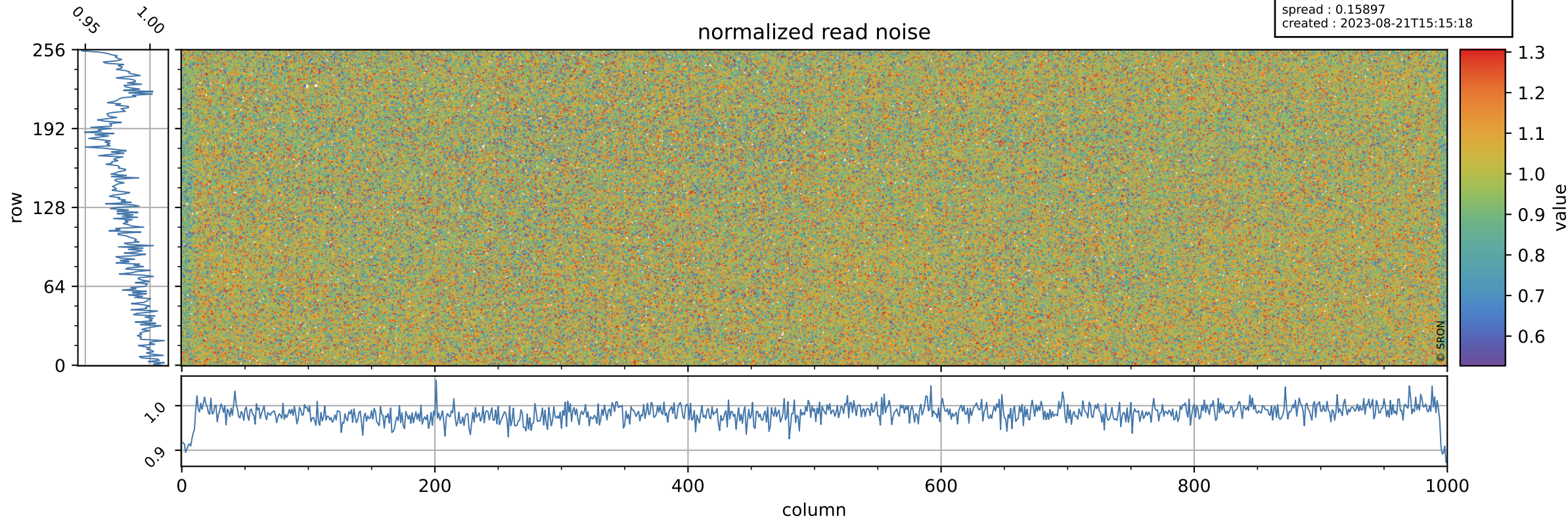
orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
median : 1.1295 e
spread : 0.062994 e
created : 2023-08-21T15:15:18



Tropomi SWIR background noise (swir)

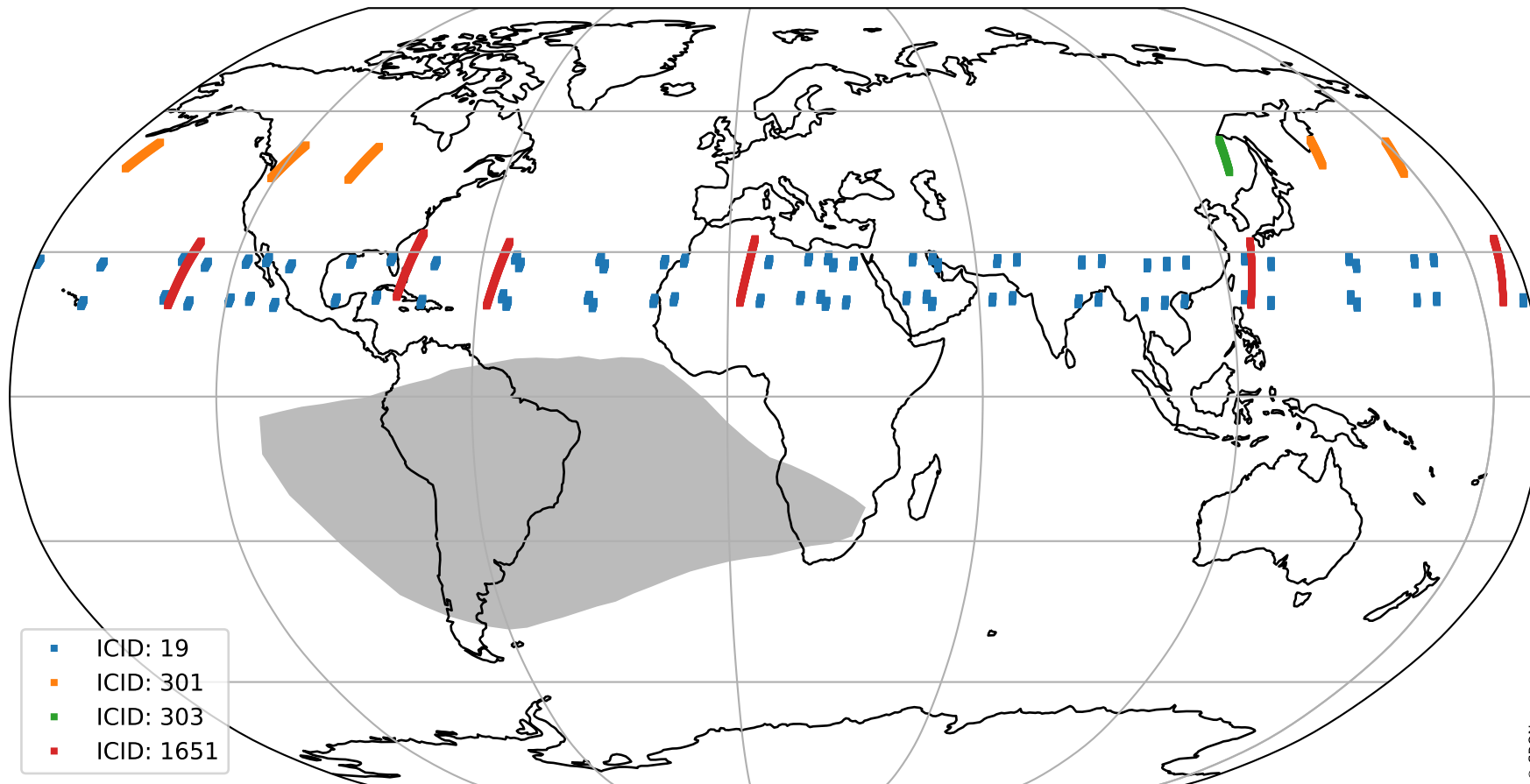
orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
median : 0.9816
spread : 0.15897
created : 2023-08-21T15:15:18

normalized read noise



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

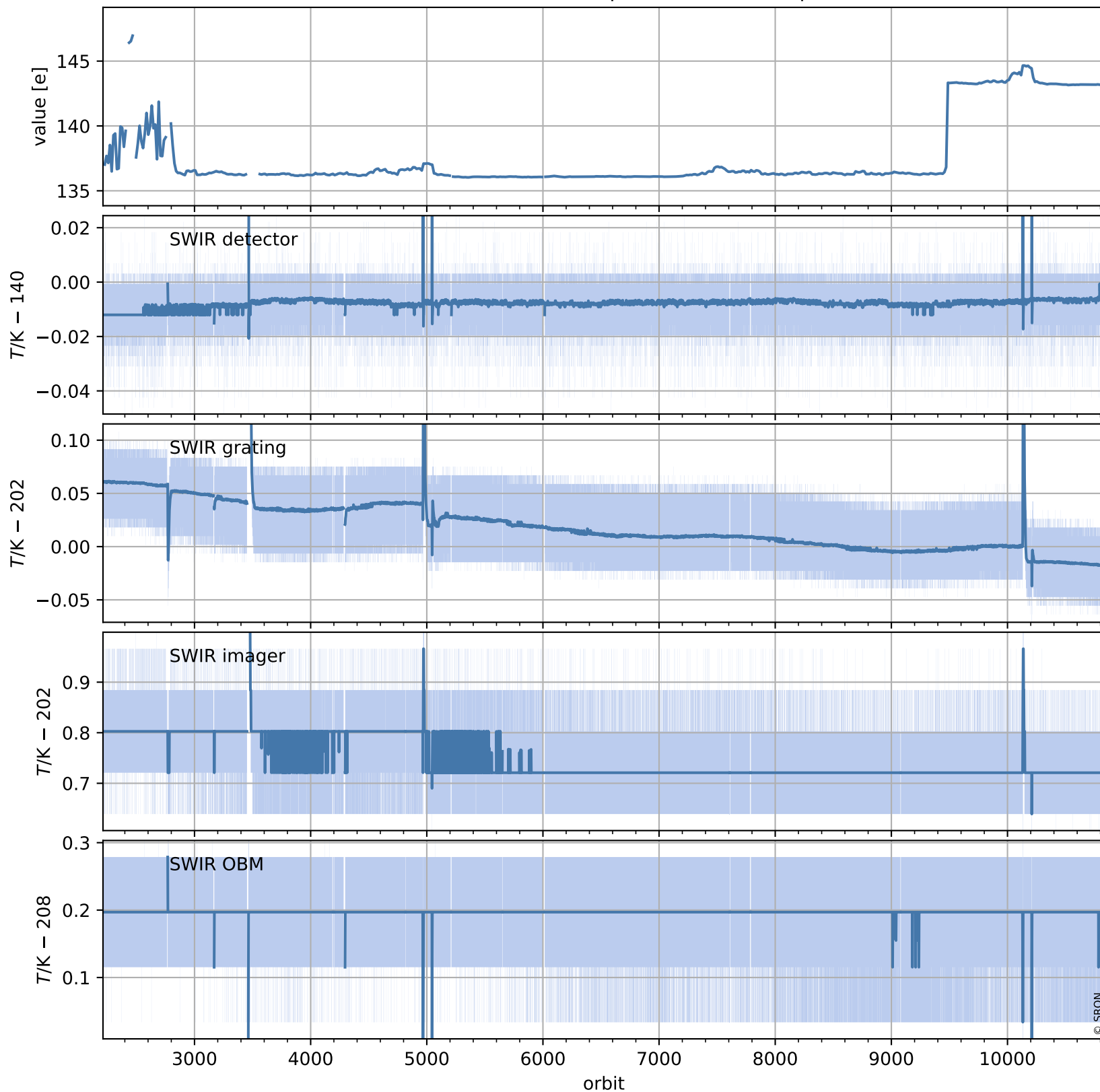
orbits : 12 in [10747, 10837]
coverage : 2019-11-10 / 2019-11-16
created : 2023-08-21T15:15:19



Tropomi SWIR background noise (swir)

orbits : [2212, 10837]
coverage : 2018-03-18 / 2019-11-16
created : 2023-08-21T15:15:19

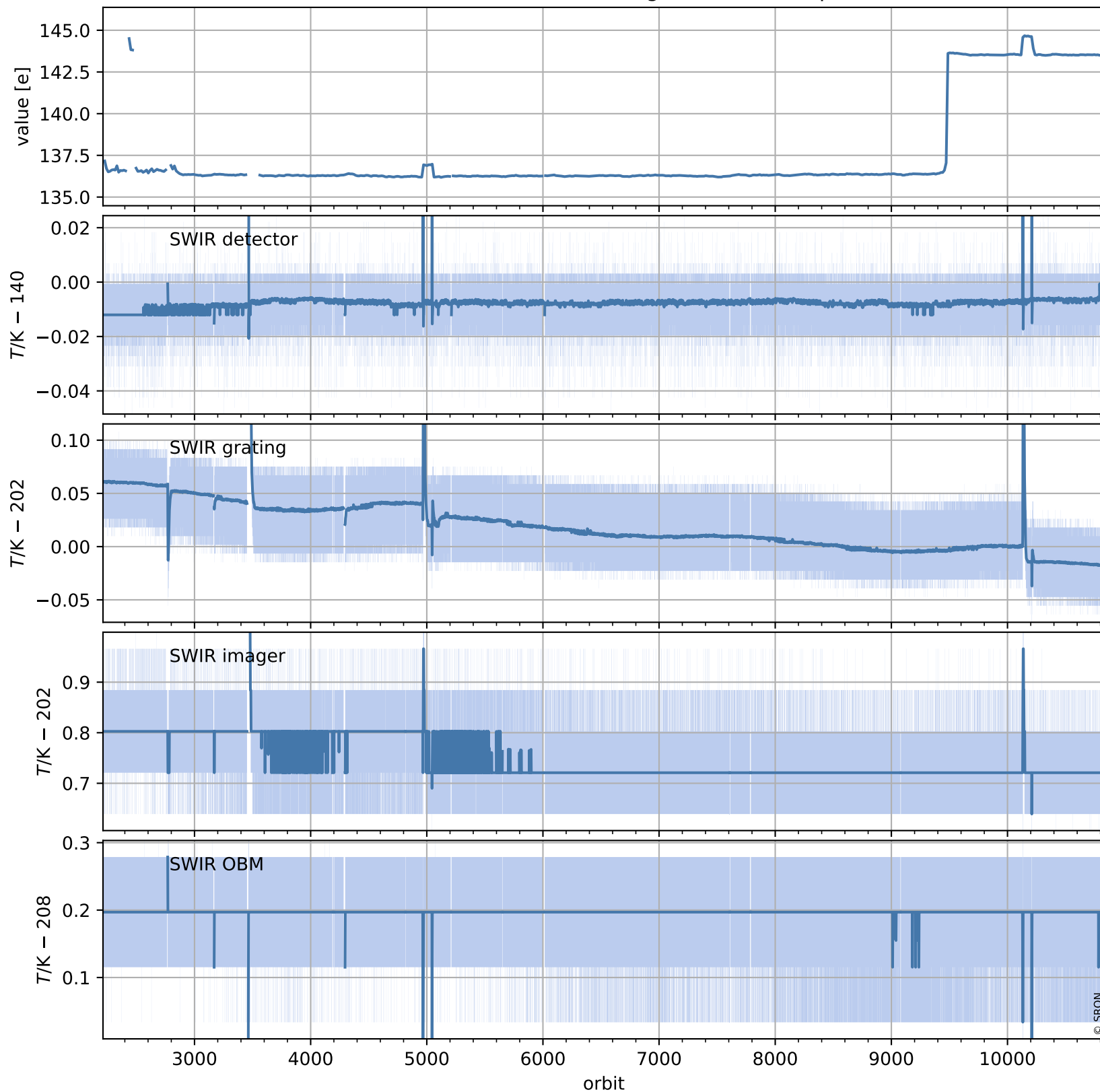
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10837]
coverage : 2018-03-18 / 2019-11-16
created : 2023-08-21T15:15:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10837]
coverage : 2018-03-18 / 2019-11-16
created : 2023-08-21T15:15:21

trend of normalized read-noise & temperatures

