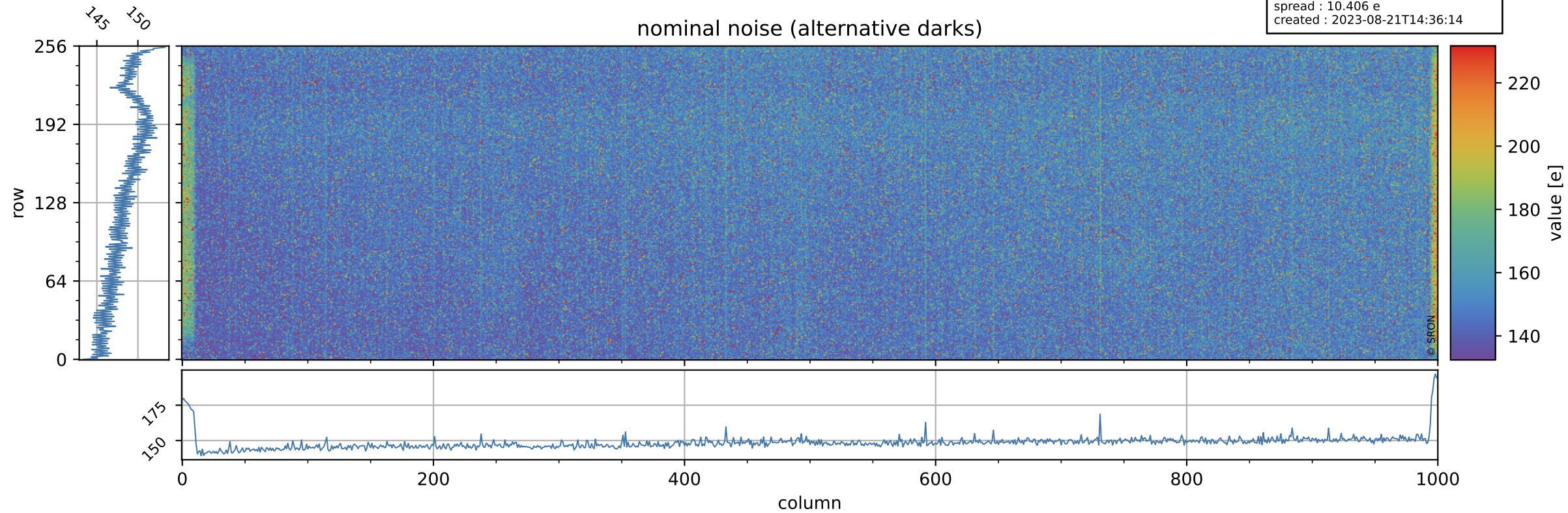


Tropomi SWIR background noise (swir)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.406 e
created : 2023-08-21T14:36:14

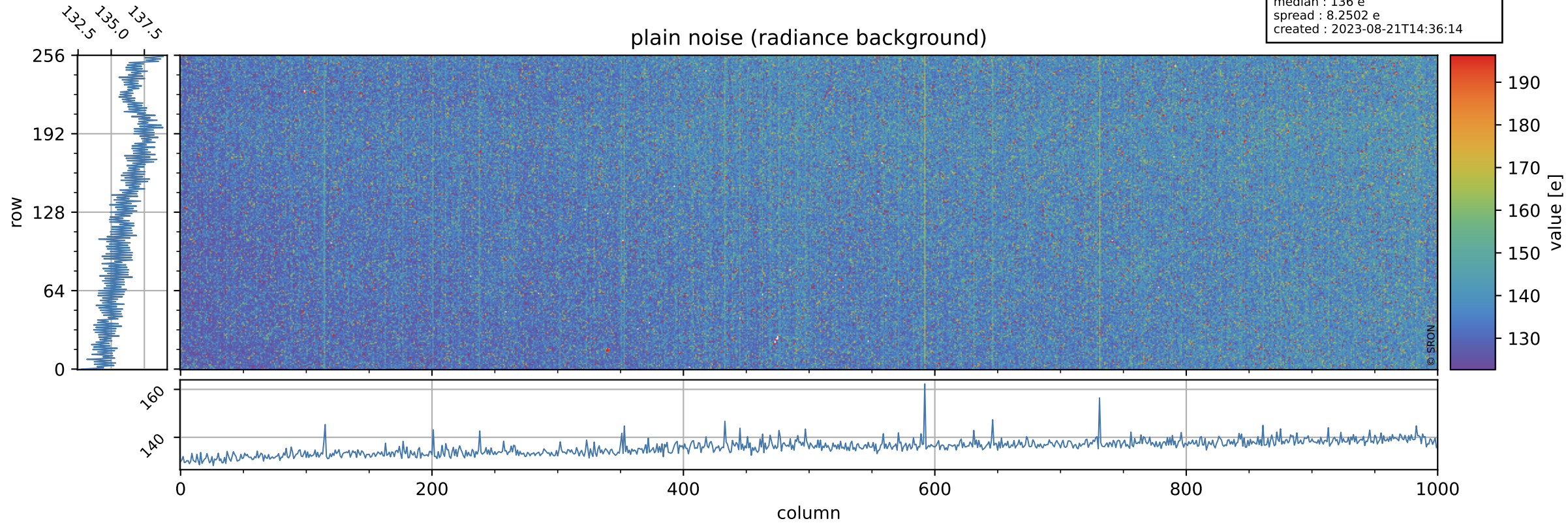
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2502 e
created : 2023-08-21T14:36:14

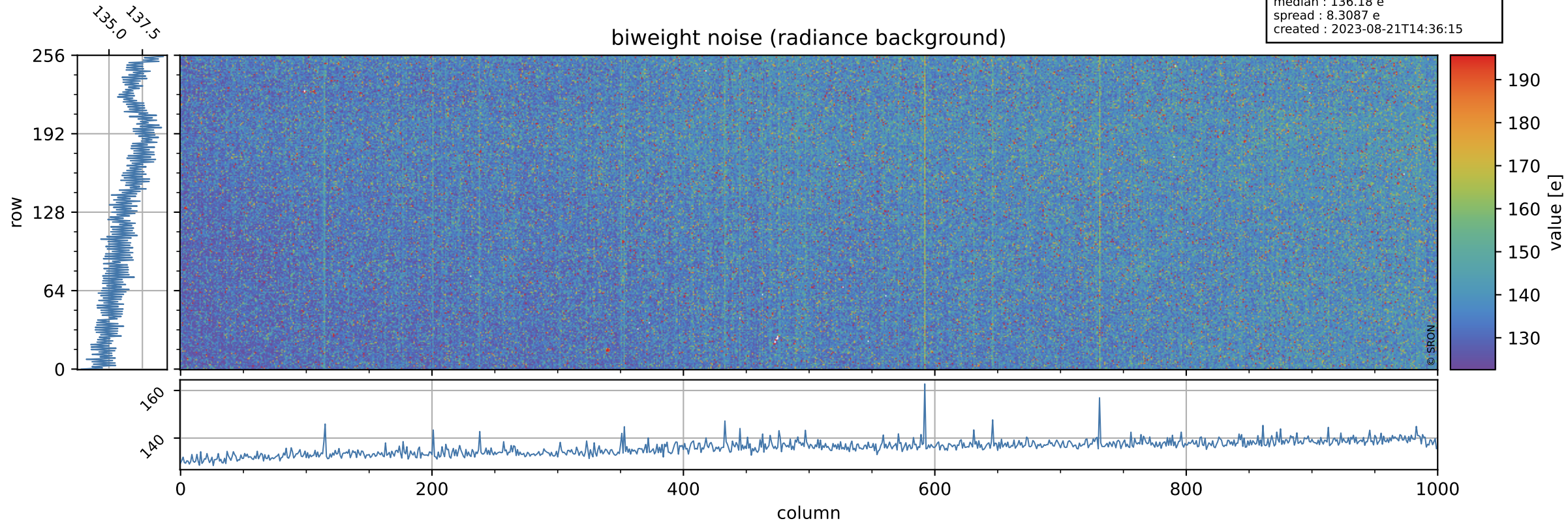
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3087 e
created : 2023-08-21T14:36:15

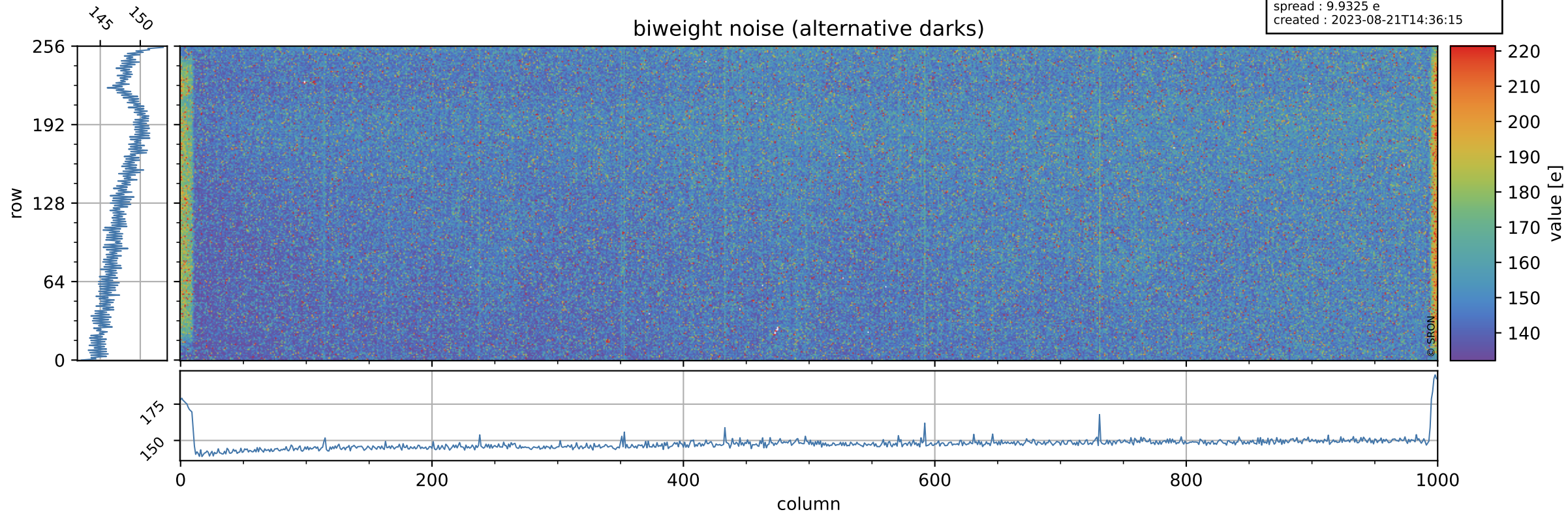
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9325 e
created : 2023-08-21T14:36:15

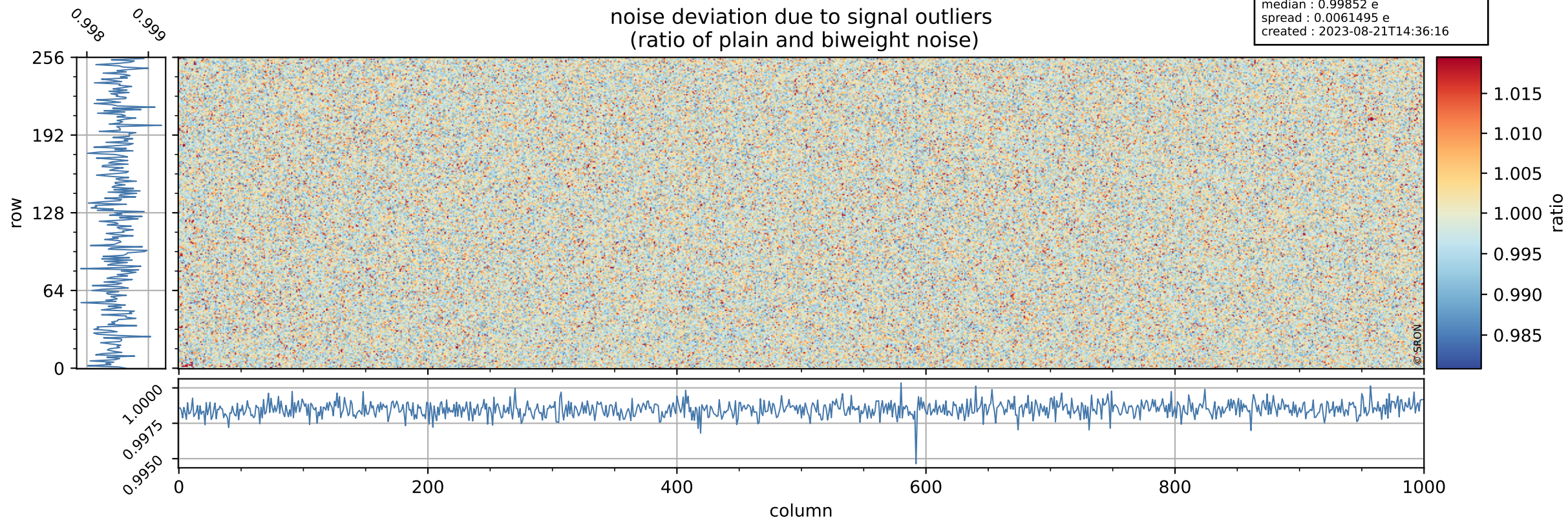
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

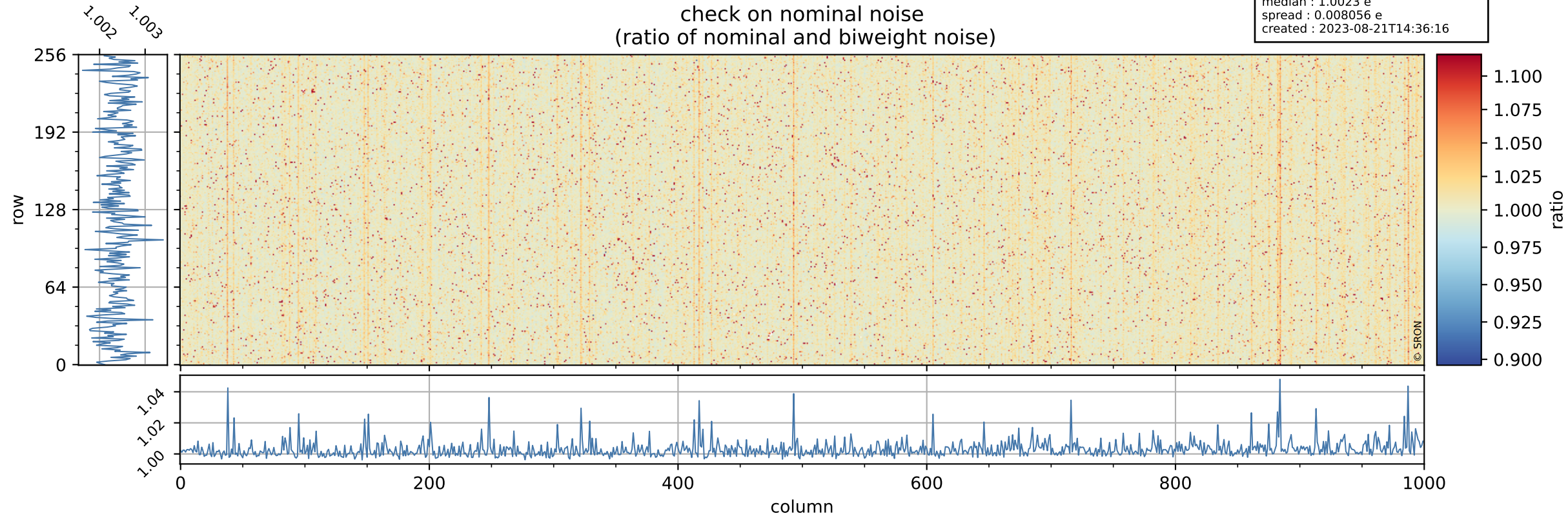
orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
median : 0.99852 e
spread : 0.0061495 e
created : 2023-08-21T14:36:16



Tropomi SWIR background noise (swir)

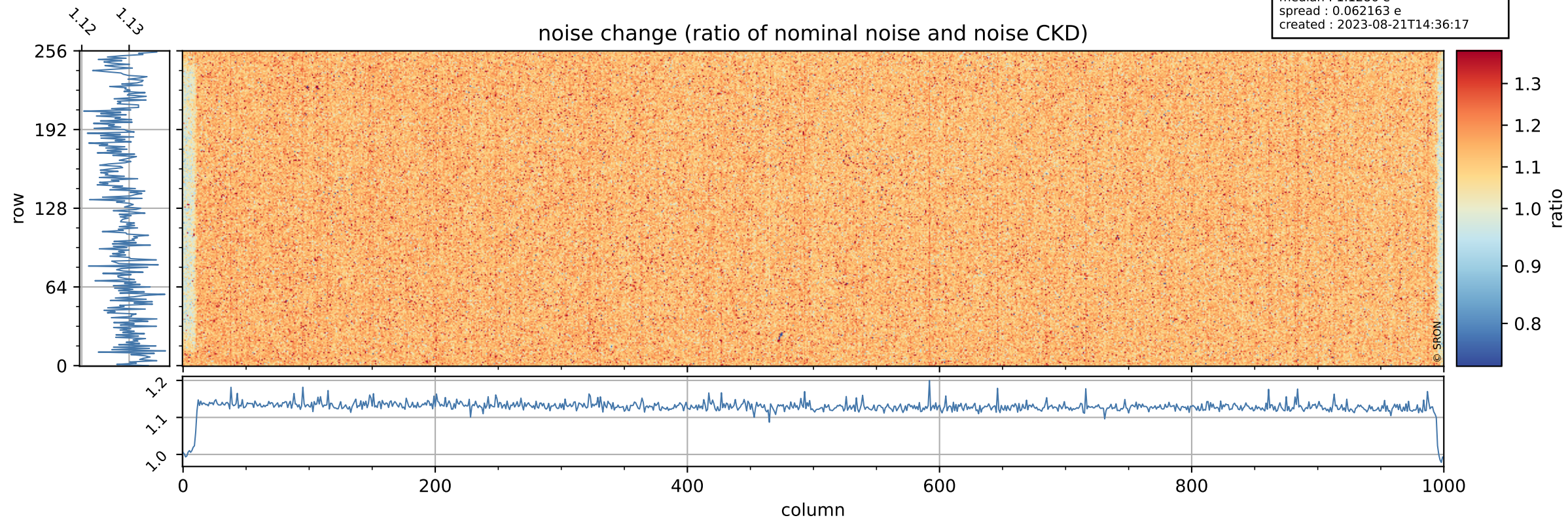
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
median : 1.0023 e
spread : 0.008056 e
created : 2023-08-21T14:36:16



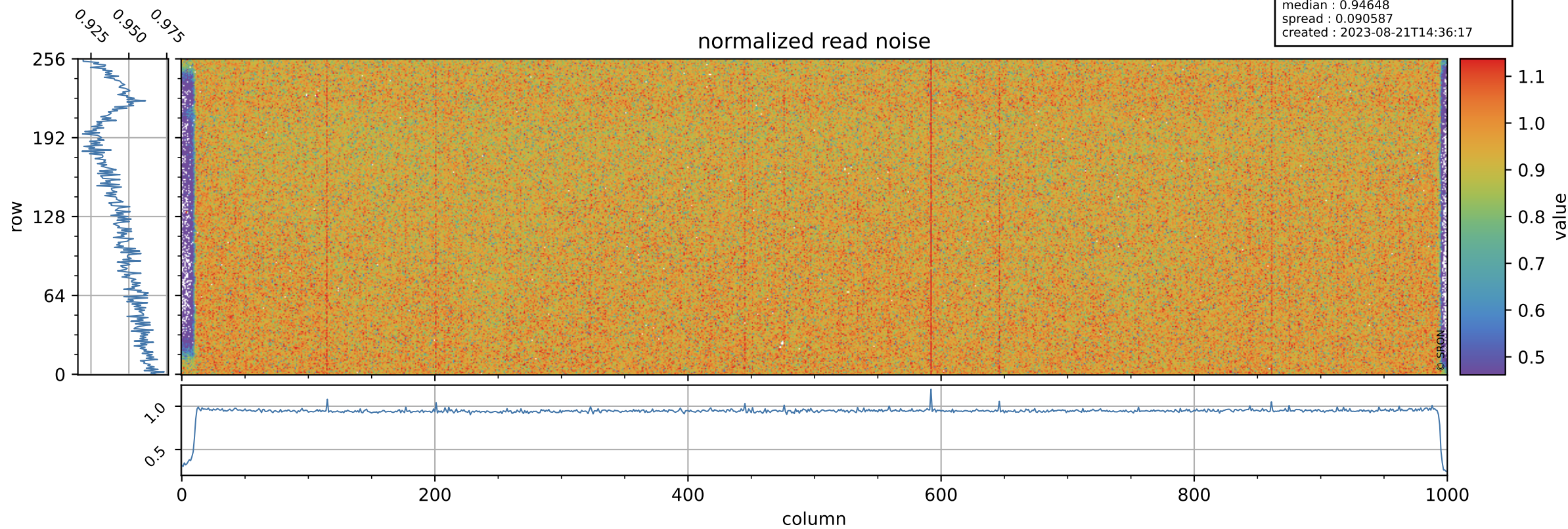
Tropomi SWIR background noise (swir)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
median : 1.1286 e
spread : 0.062163 e
created : 2023-08-21T14:36:17



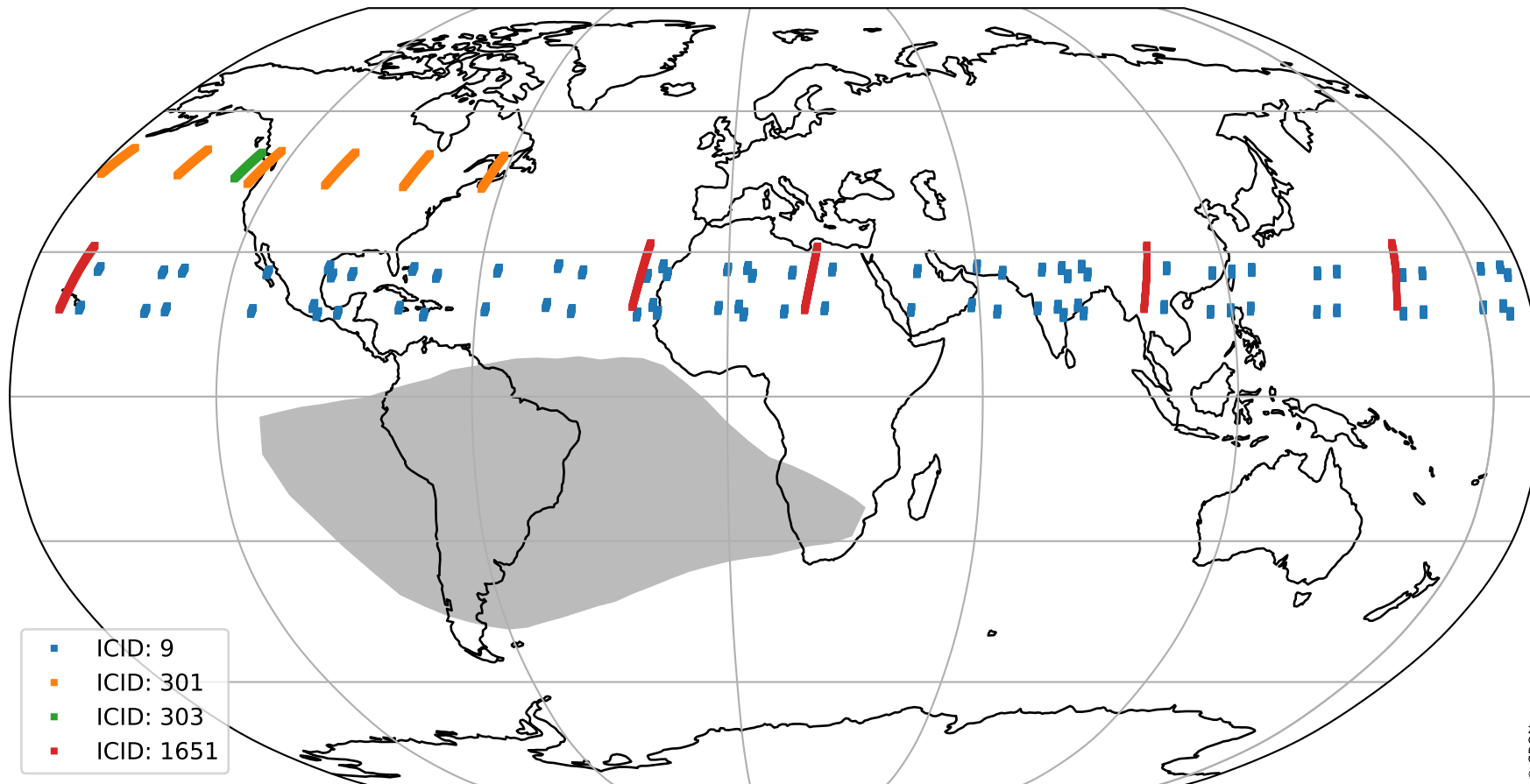
Tropomi SWIR background noise (swir)

orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
median : 0.94648
spread : 0.090587
created : 2023-08-21T14:36:17



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

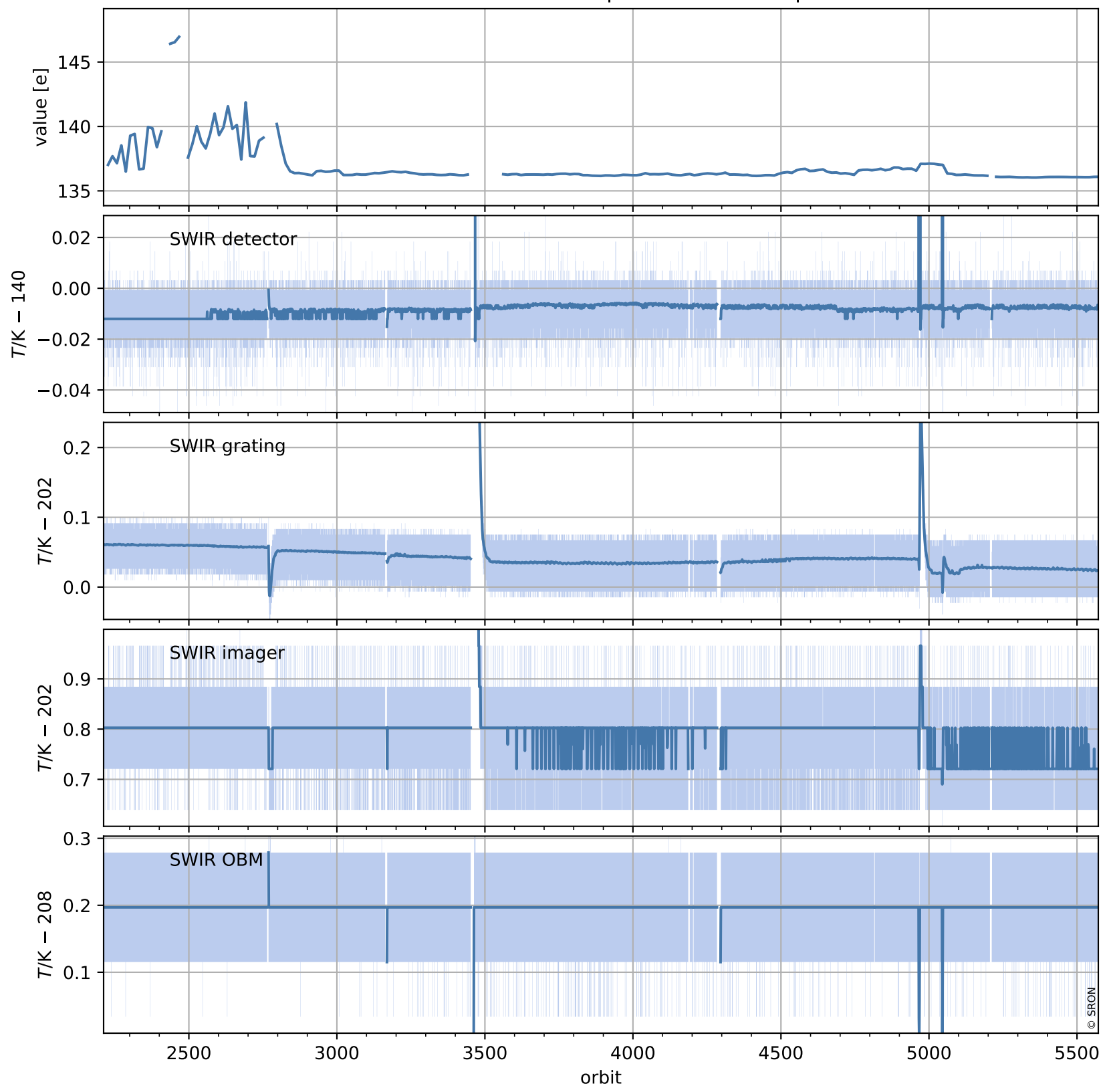
orbits : 12 in [5482, 5572]
coverage : 2018-11-04 / 2018-11-09
created : 2023-08-21T14:36:18



Tropomi SWIR background noise (swir)

orbits : [2212, 5572]
coverage : 2018-03-18 / 2018-11-09
created : 2023-08-21T14:36:18

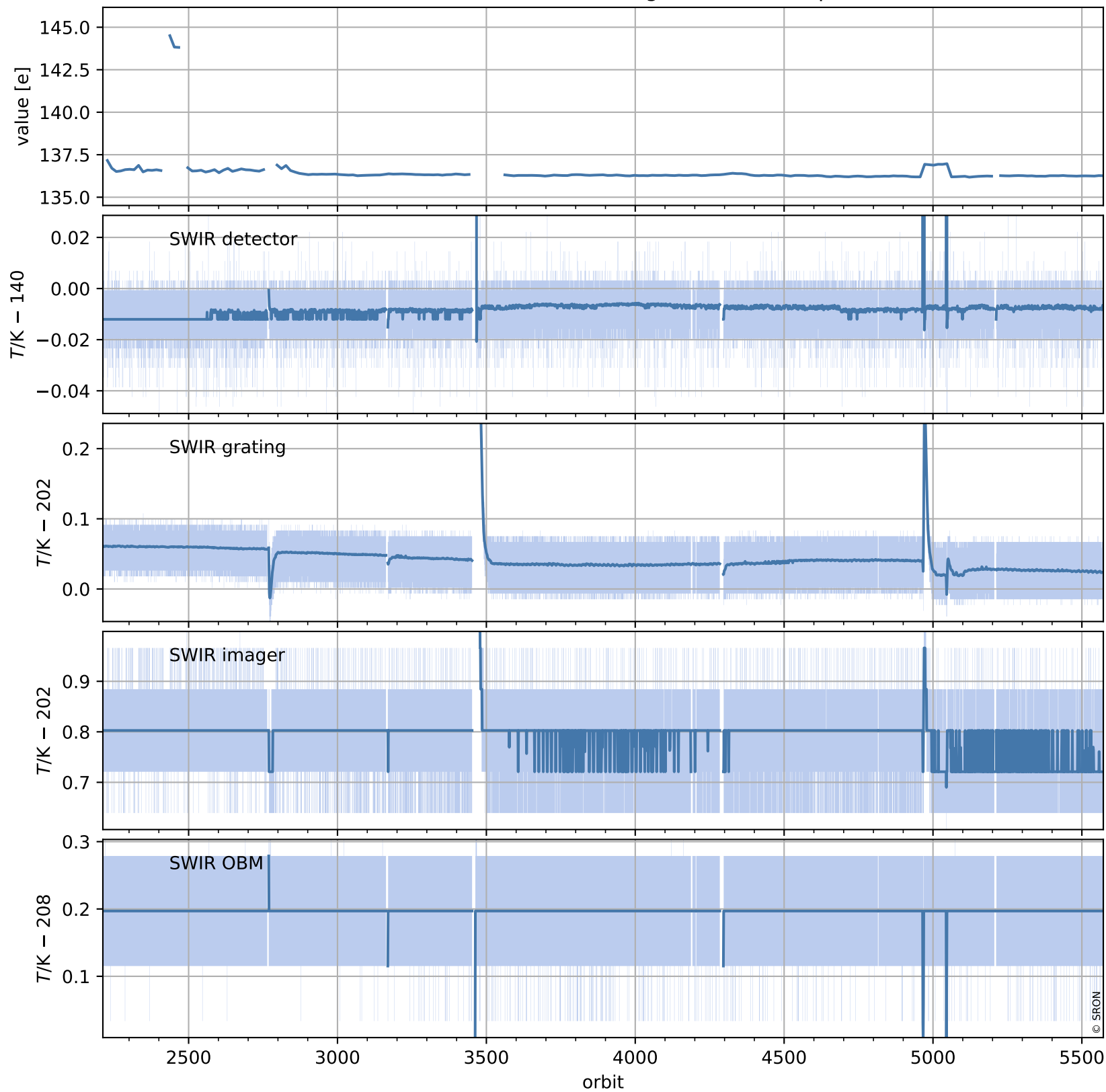
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5572]
coverage : 2018-03-18 / 2018-11-09
created : 2023-08-21T14:36:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5572]
coverage : 2018-03-18 / 2018-11-09
created : 2023-08-21T14:36:20

trend of normalized read-noise & temperatures

