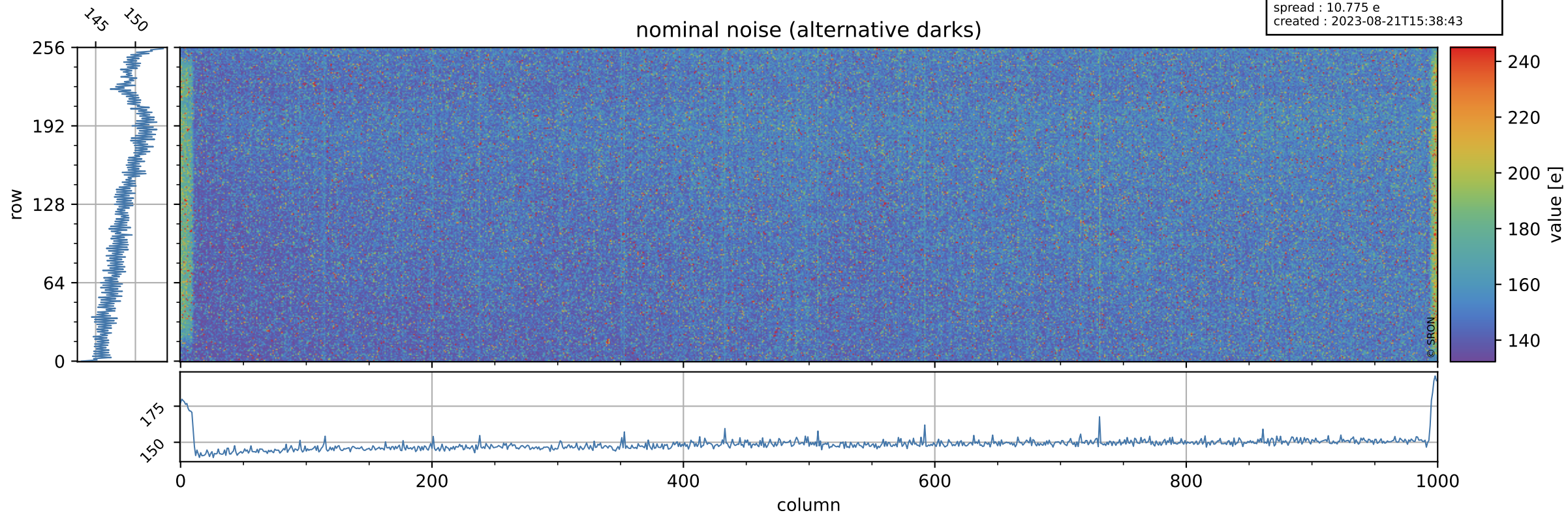


Tropomi SWIR background noise (swir)

orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.775 e
created : 2023-08-21T15:38:43

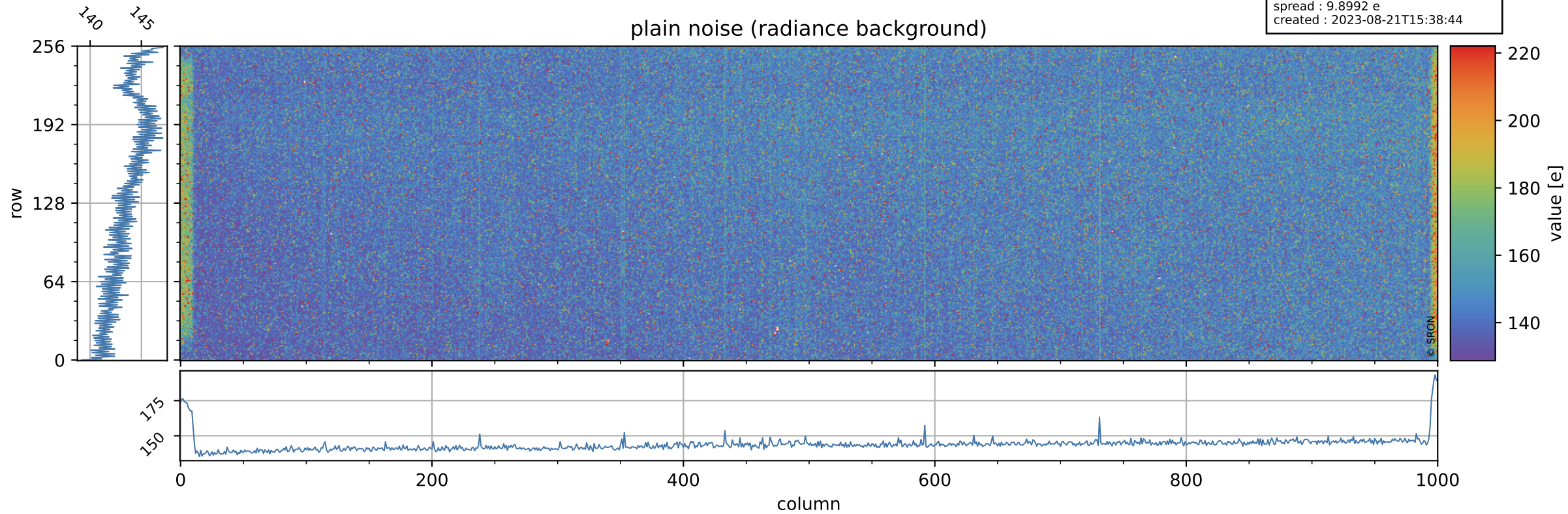
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8992 e
created : 2023-08-21T15:38:44

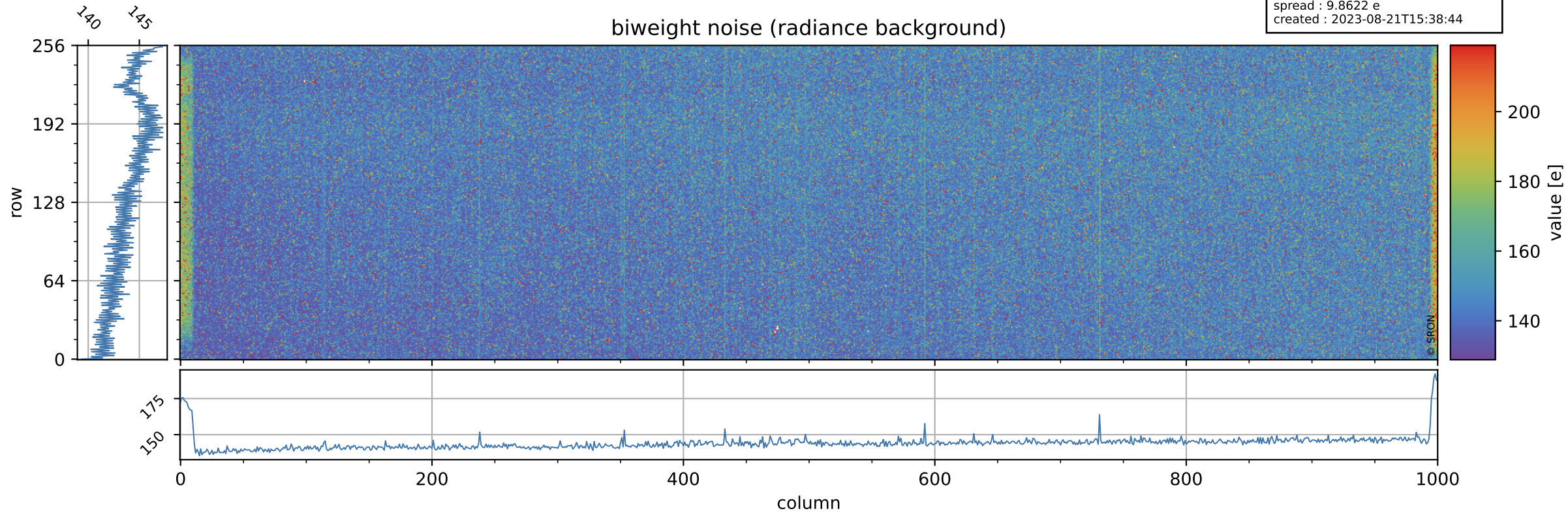
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8622 e
created : 2023-08-21T15:38:44

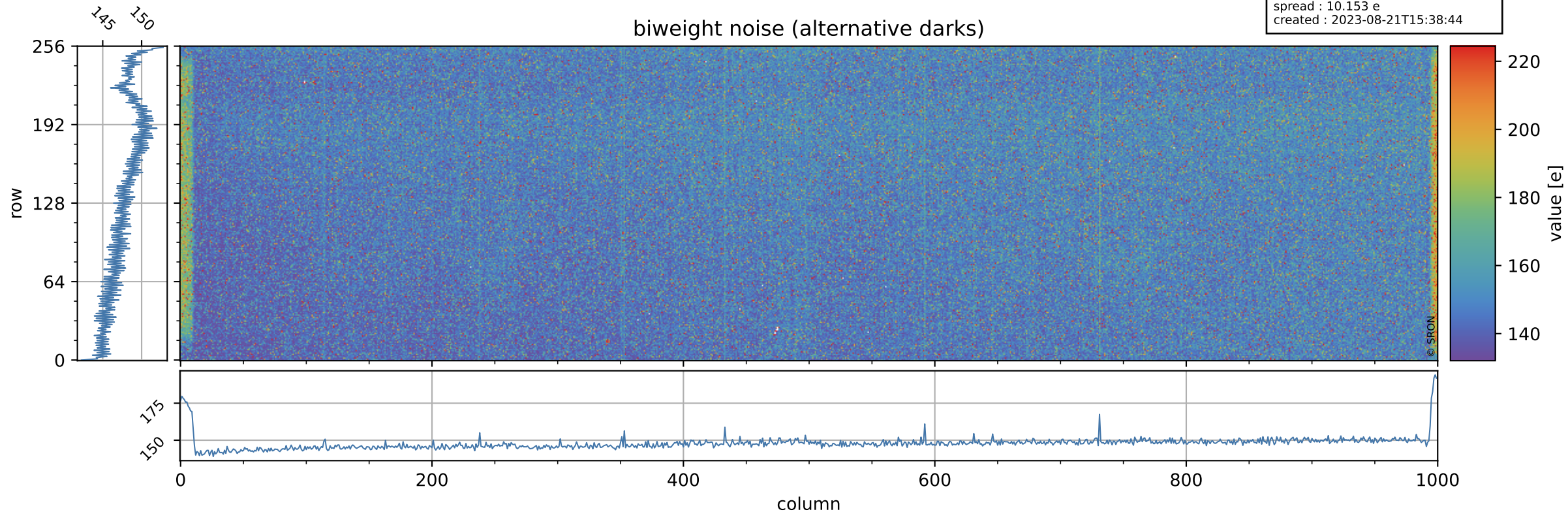
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.153 e
created : 2023-08-21T15:38:44

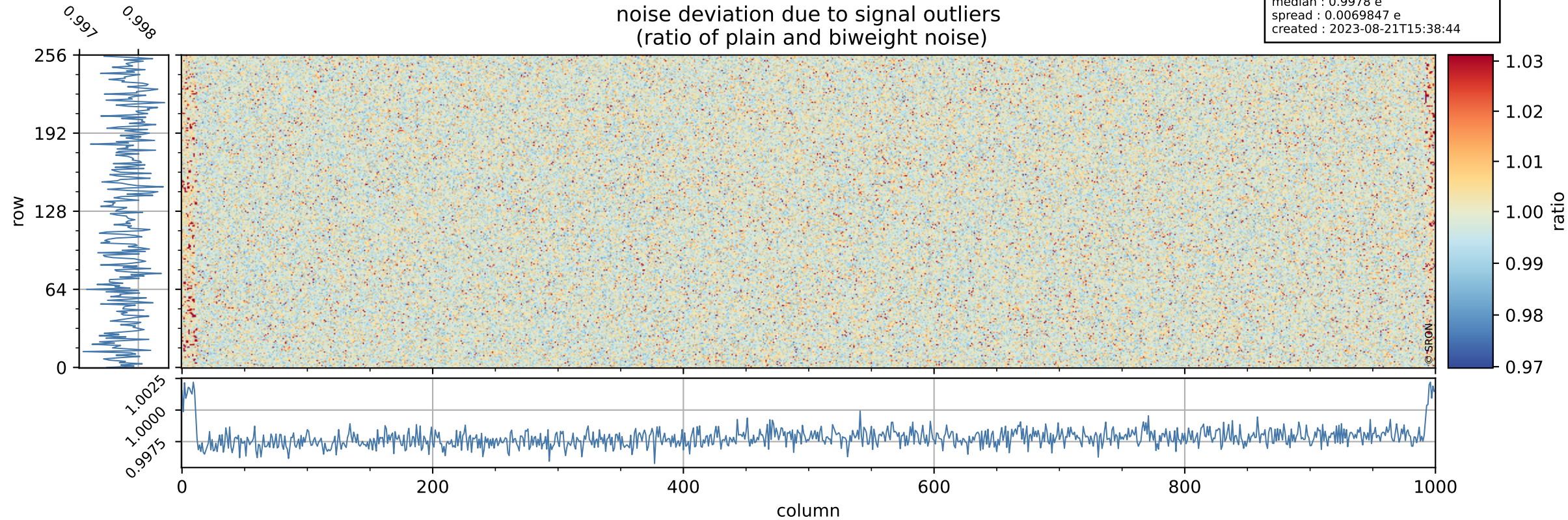
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

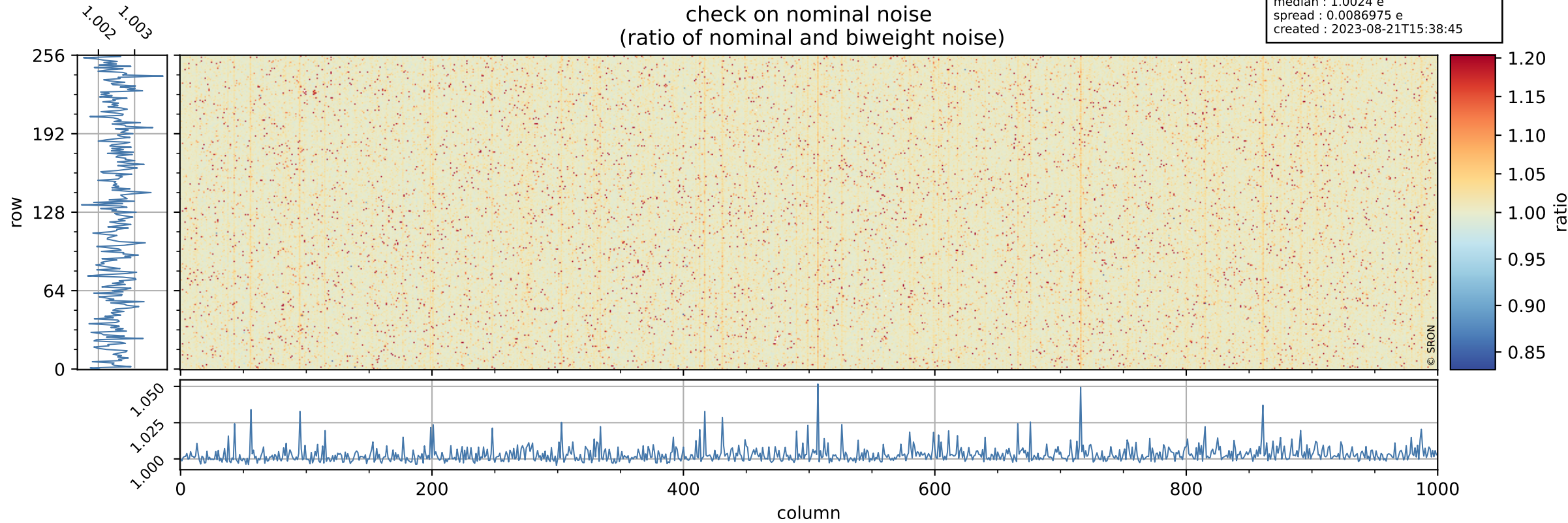
orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
median : 0.9978 e
spread : 0.0069847 e
created : 2023-08-21T15:38:44



Tropomi SWIR background noise (swir)

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

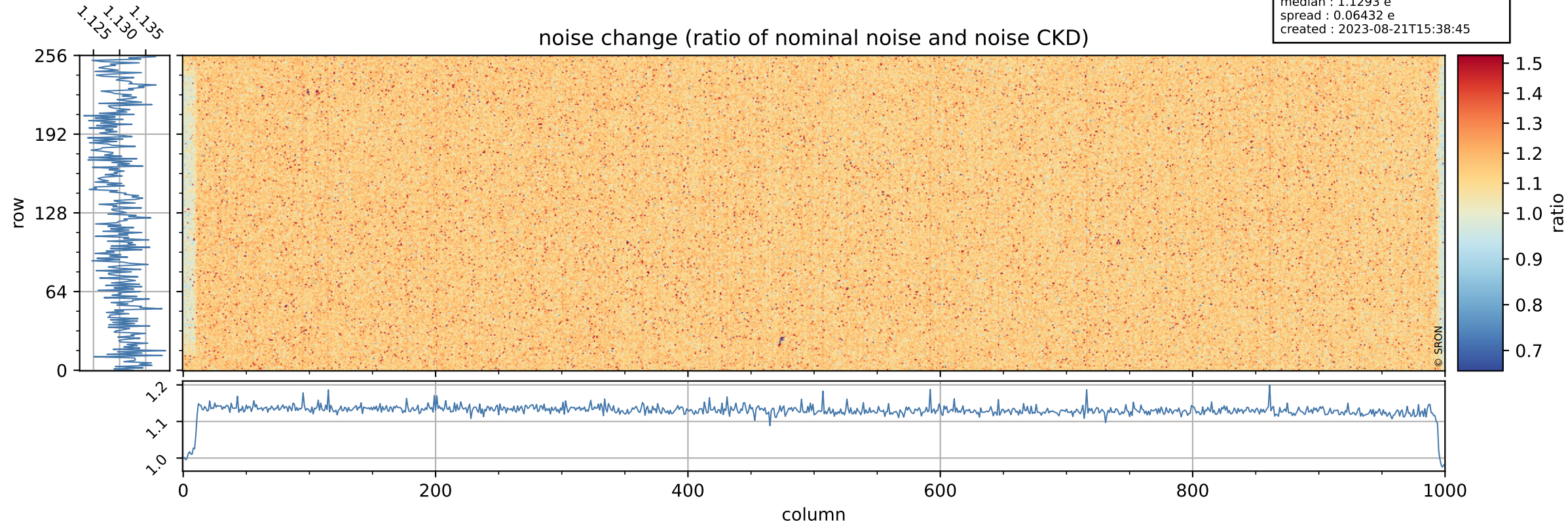
orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
median : 1.0024 e
spread : 0.0086975 e
created : 2023-08-21T15:38:45



Tropomi SWIR background noise (swir)

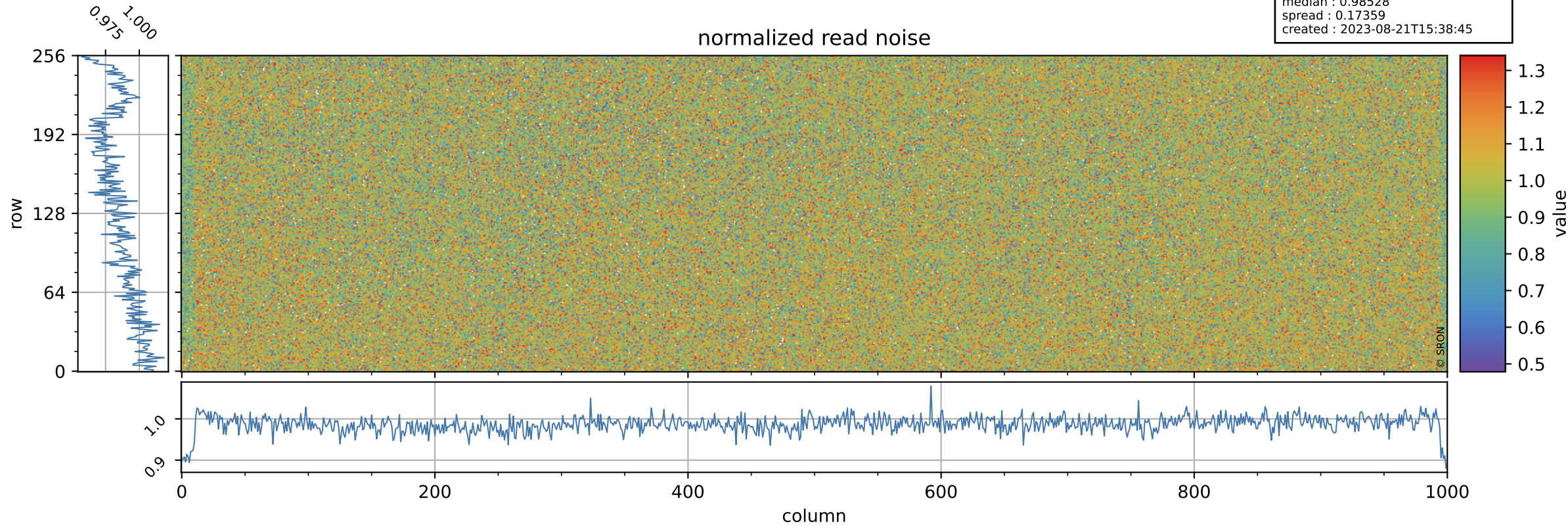
orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
median : 1.1293 e
spread : 0.06432 e
created : 2023-08-21T15:38:45

noise change (ratio of nominal noise and noise CKD)



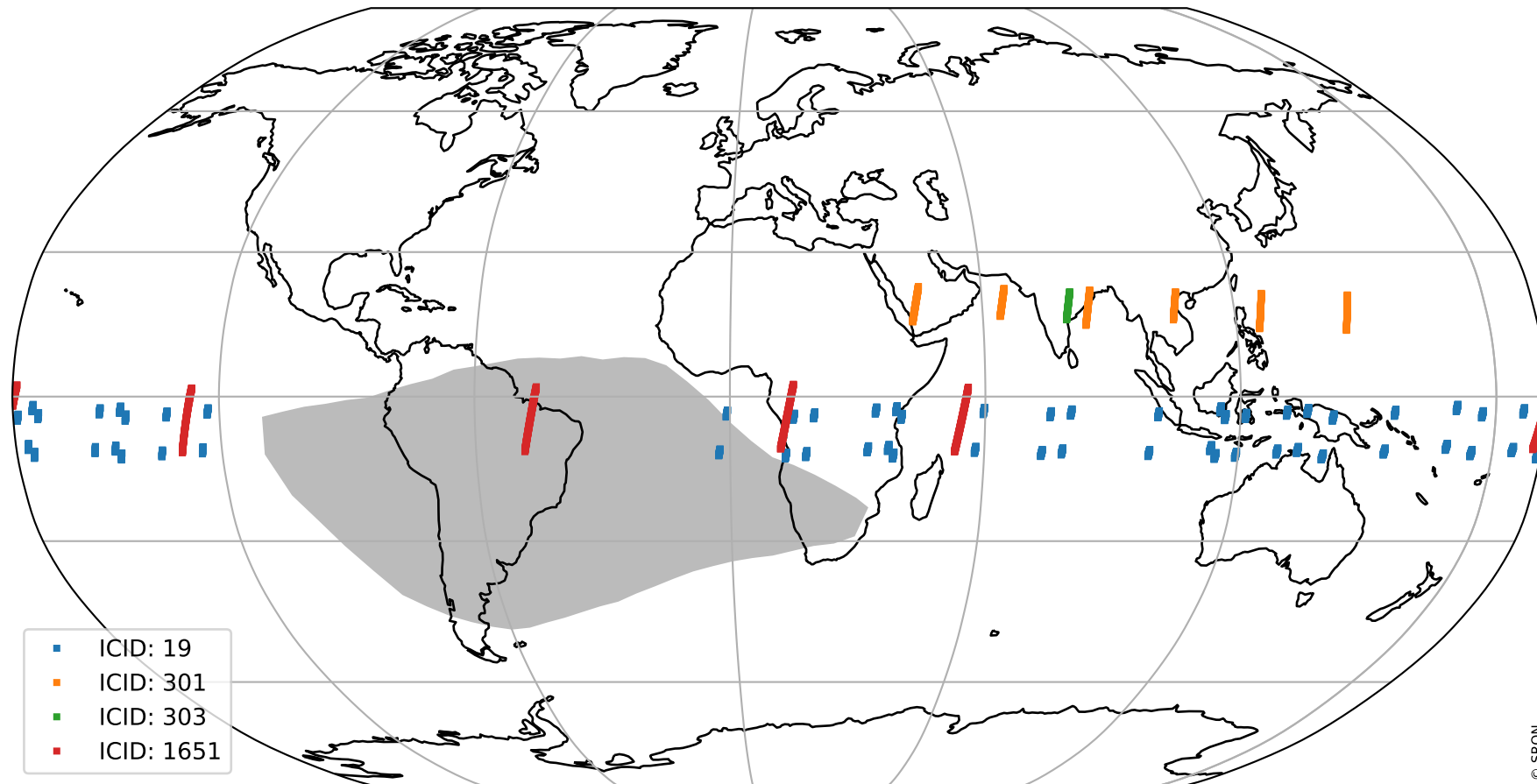
Tropomi SWIR background noise (swir)

orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
median : 0.98528
spread : 0.17359
created : 2023-08-21T15:38:45



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

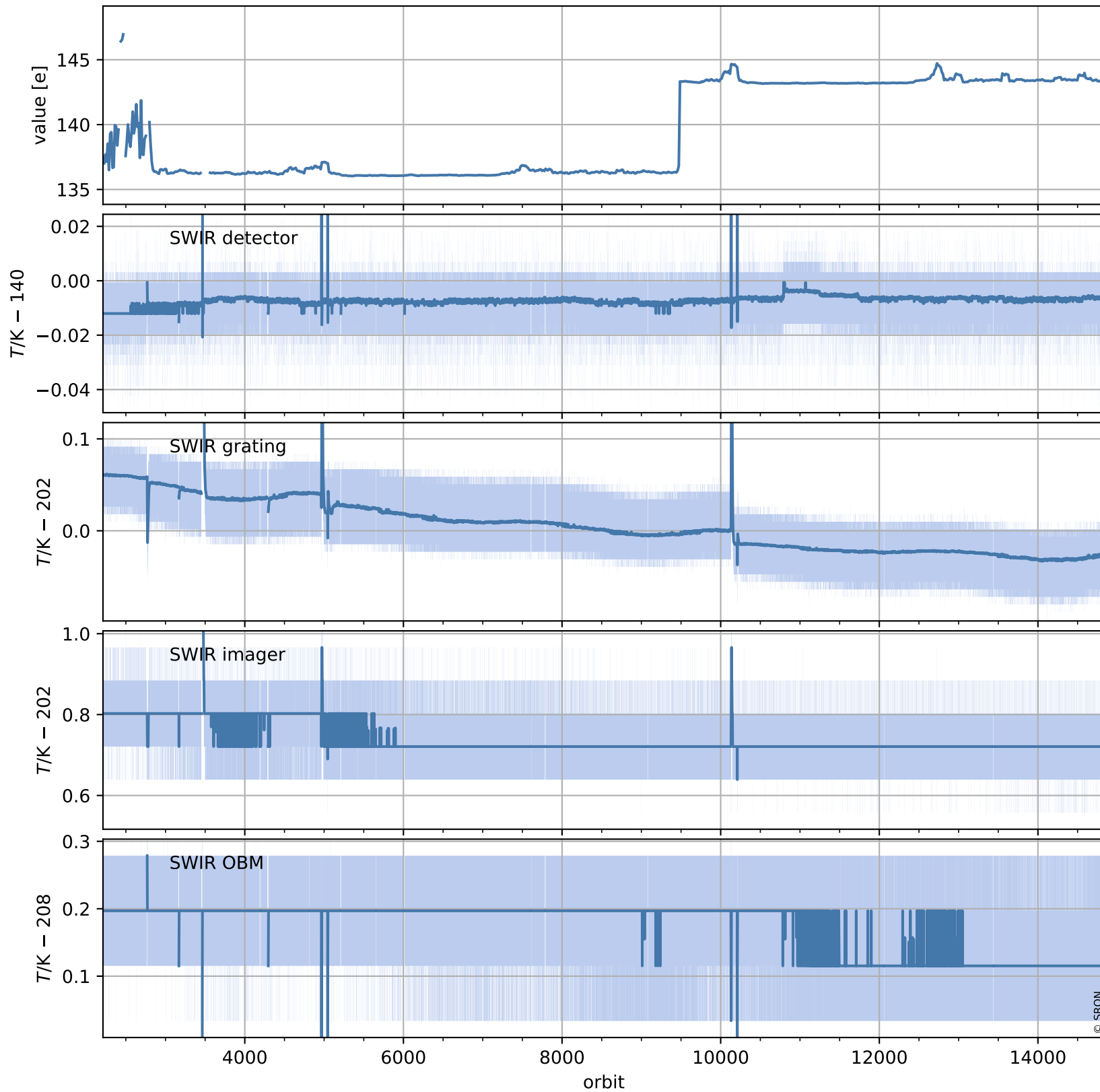
orbits : 12 in [14752, 14842]
coverage : 2020-08-18 / 2020-08-24
created : 2023-08-21T15:38:46



Tropomi SWIR background noise (swir)

orbits : [2212, 14842]
coverage : 2018-03-18 / 2020-08-24
created : 2023-08-21T15:38:46

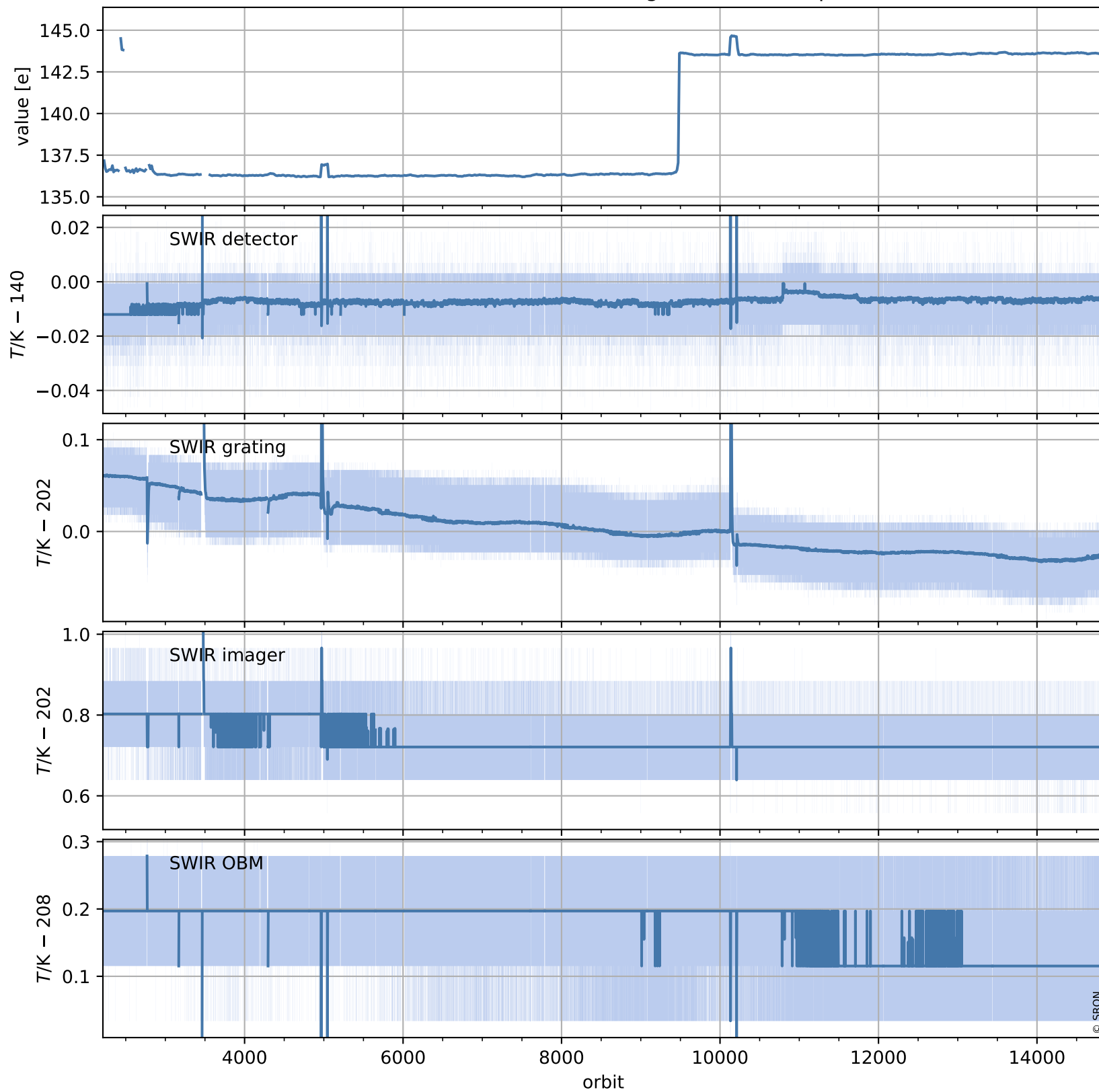
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14842]
coverage : 2018-03-18 / 2020-08-24
created : 2023-08-21T15:38:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14842]
coverage : 2018-03-18 / 2020-08-24
created : 2023-08-21T15:38:47

trend of normalized read-noise & temperatures

