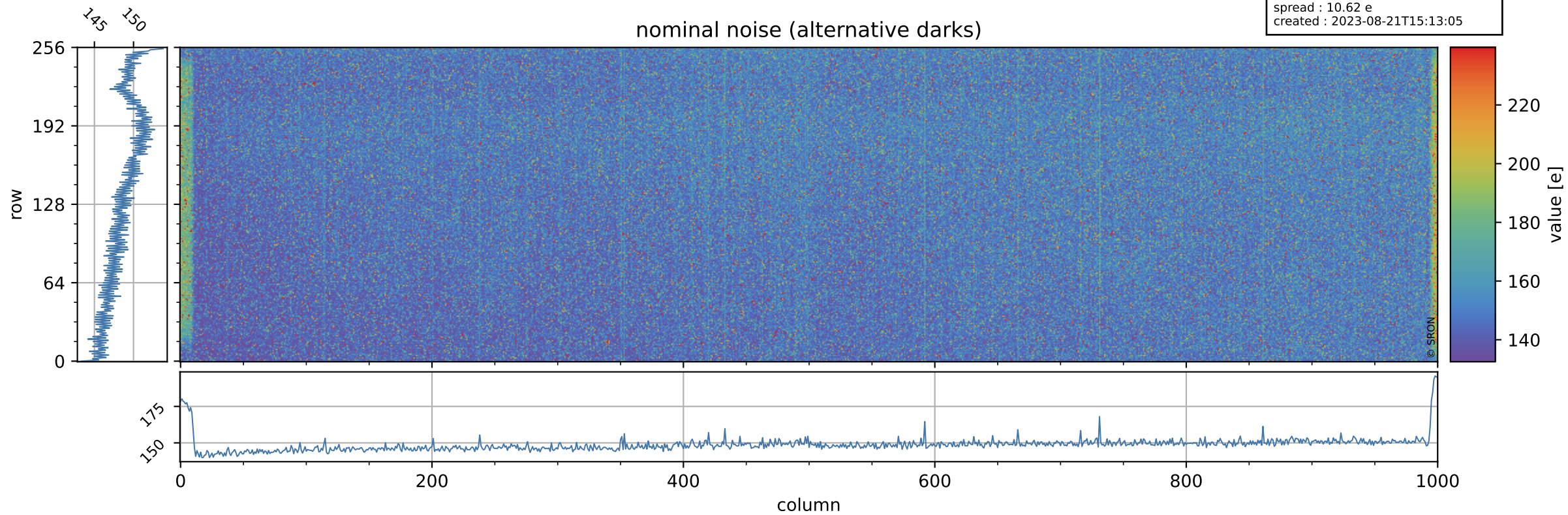


Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.62 e
created : 2023-08-21T15:13:05

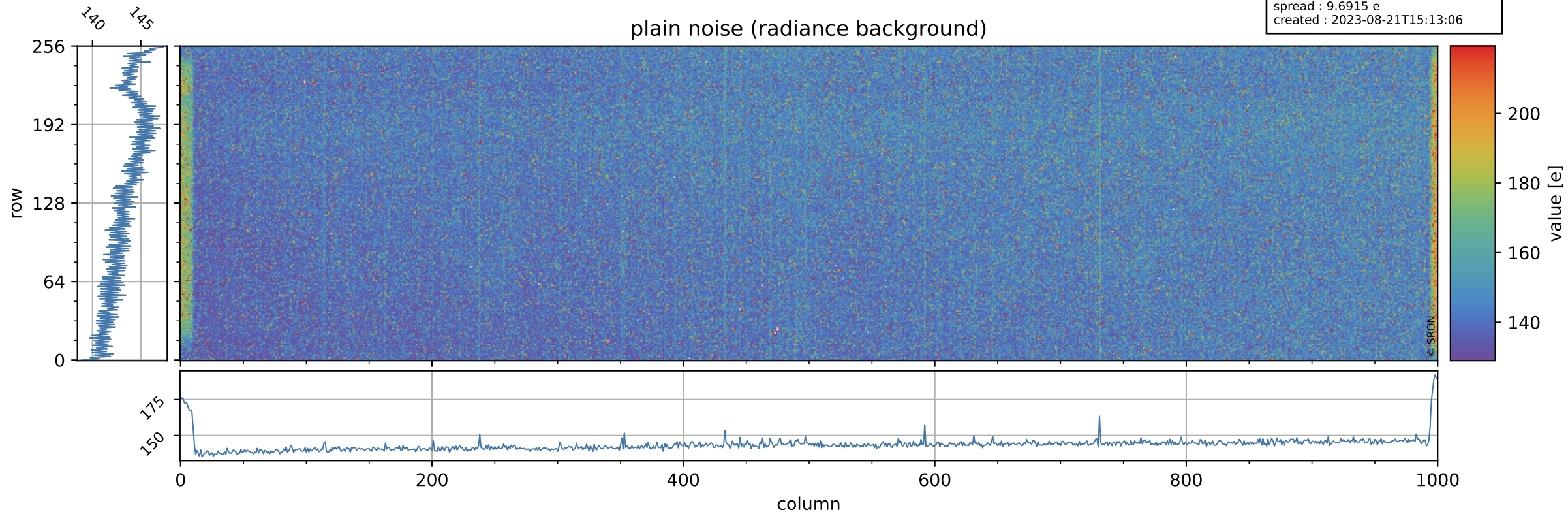
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.6915 e
created : 2023-08-21T15:13:06

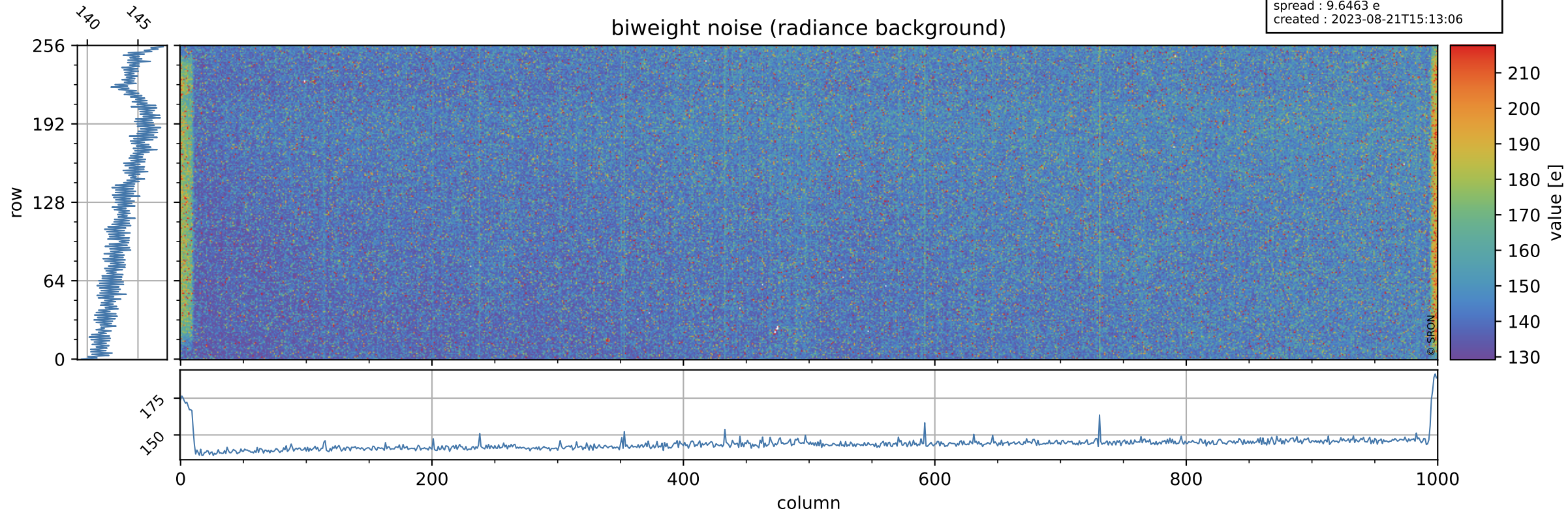
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6463 e
created : 2023-08-21T15:13:06

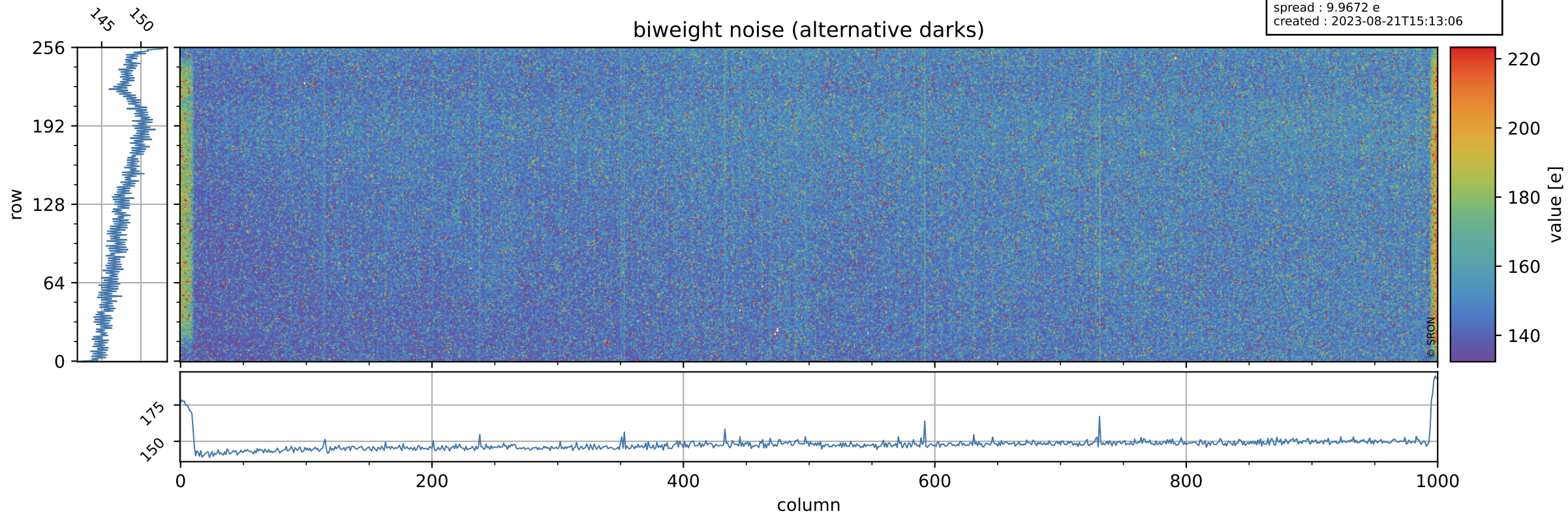
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9672 e
created : 2023-08-21T15:13:06

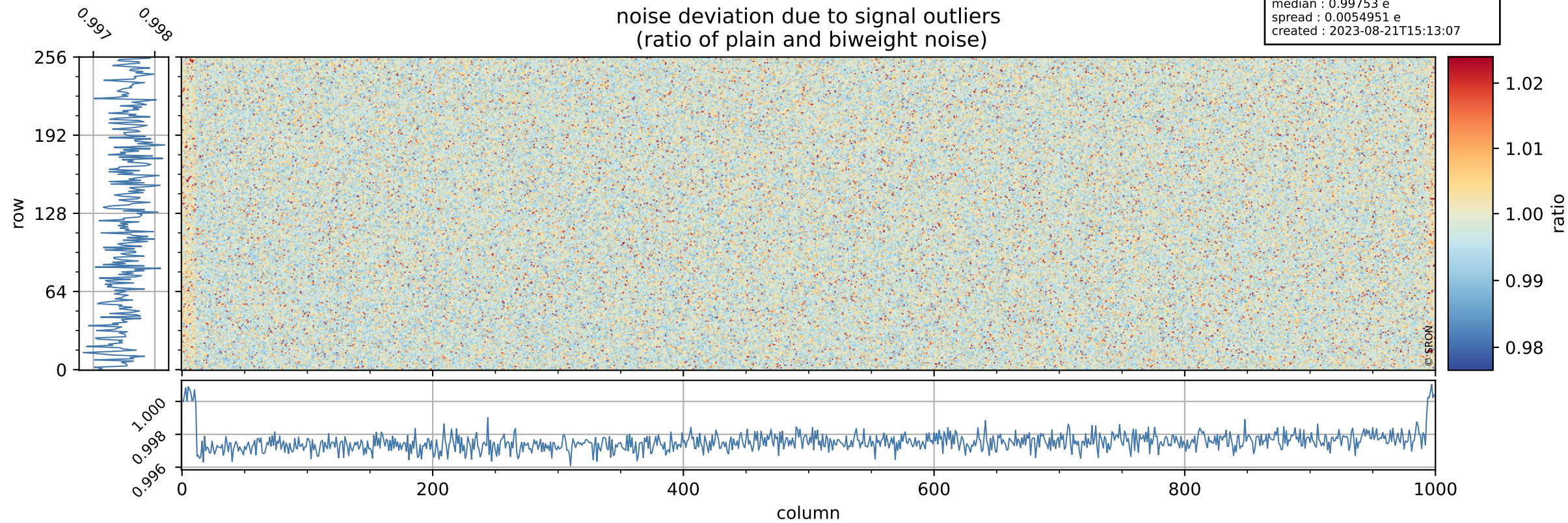
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

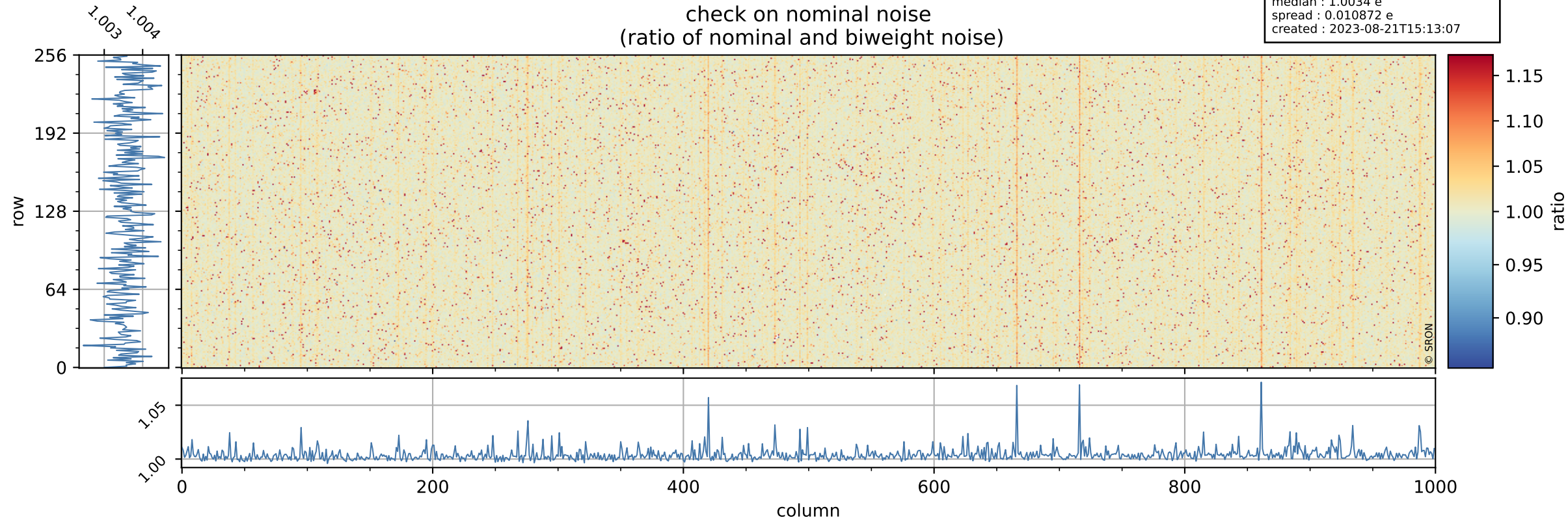
orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
median : 0.99753 e
spread : 0.0054951 e
created : 2023-08-21T15:13:07



Tropomi SWIR background noise (swir)

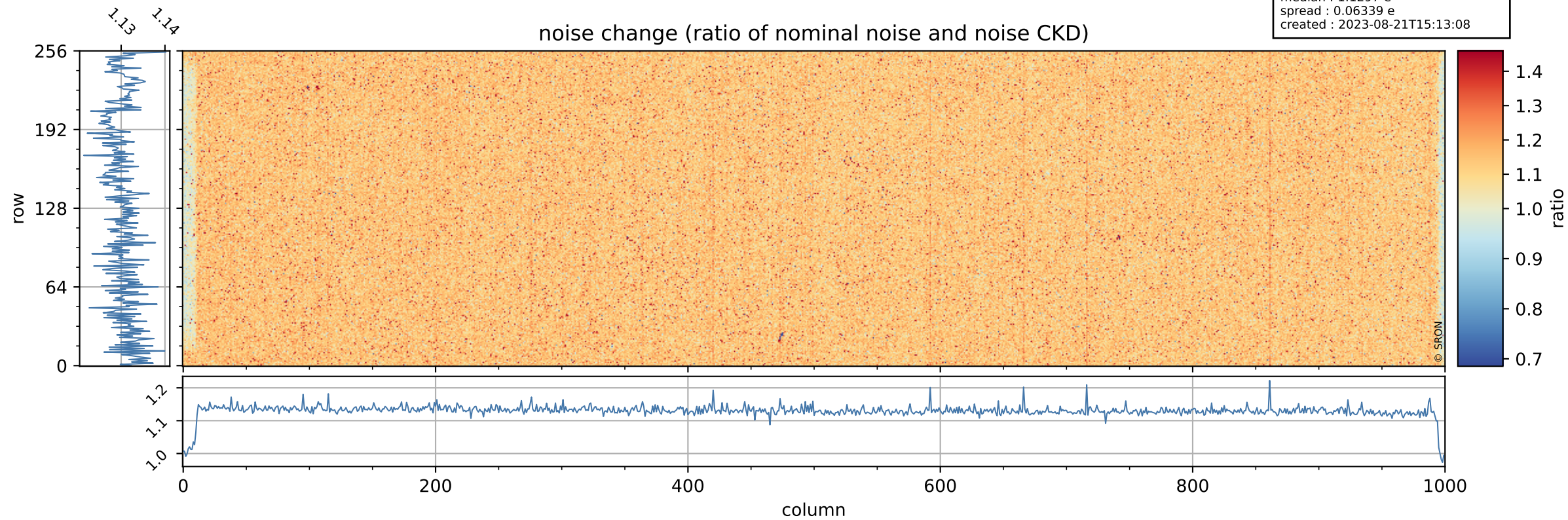
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
median : 1.0034 e
spread : 0.010872 e
created : 2023-08-21T15:13:07



Tropomi SWIR background noise (swir)

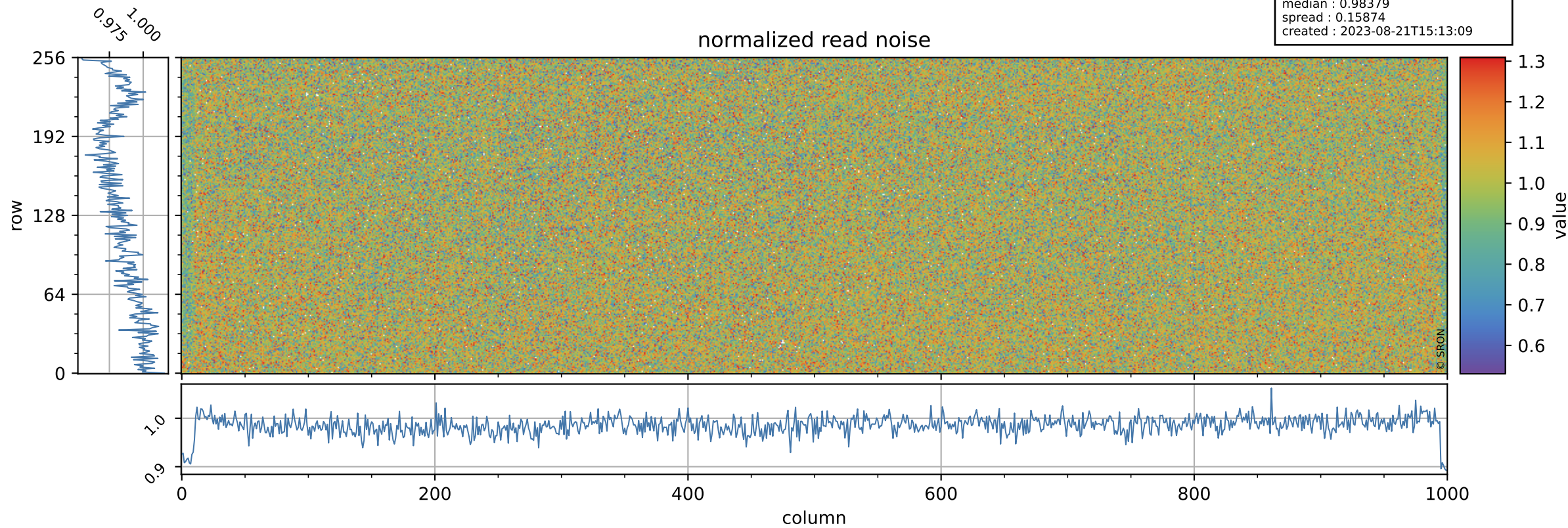
orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
median : 1.1297 e
spread : 0.06339 e
created : 2023-08-21T15:13:08



Tropomi SWIR background noise (swir)

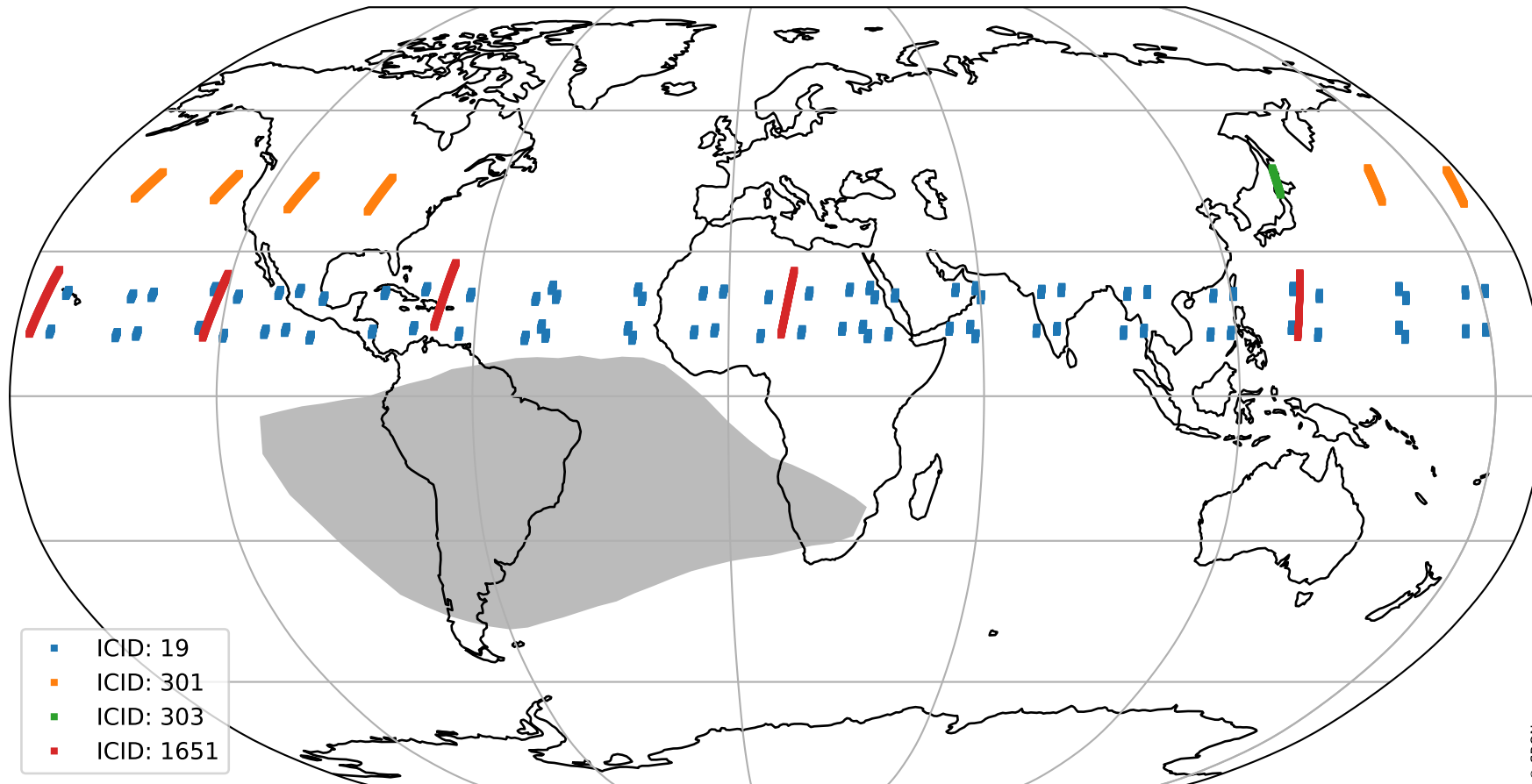
orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
median : 0.98379
spread : 0.15874
created : 2023-08-21T15:13:09

normalized read noise



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

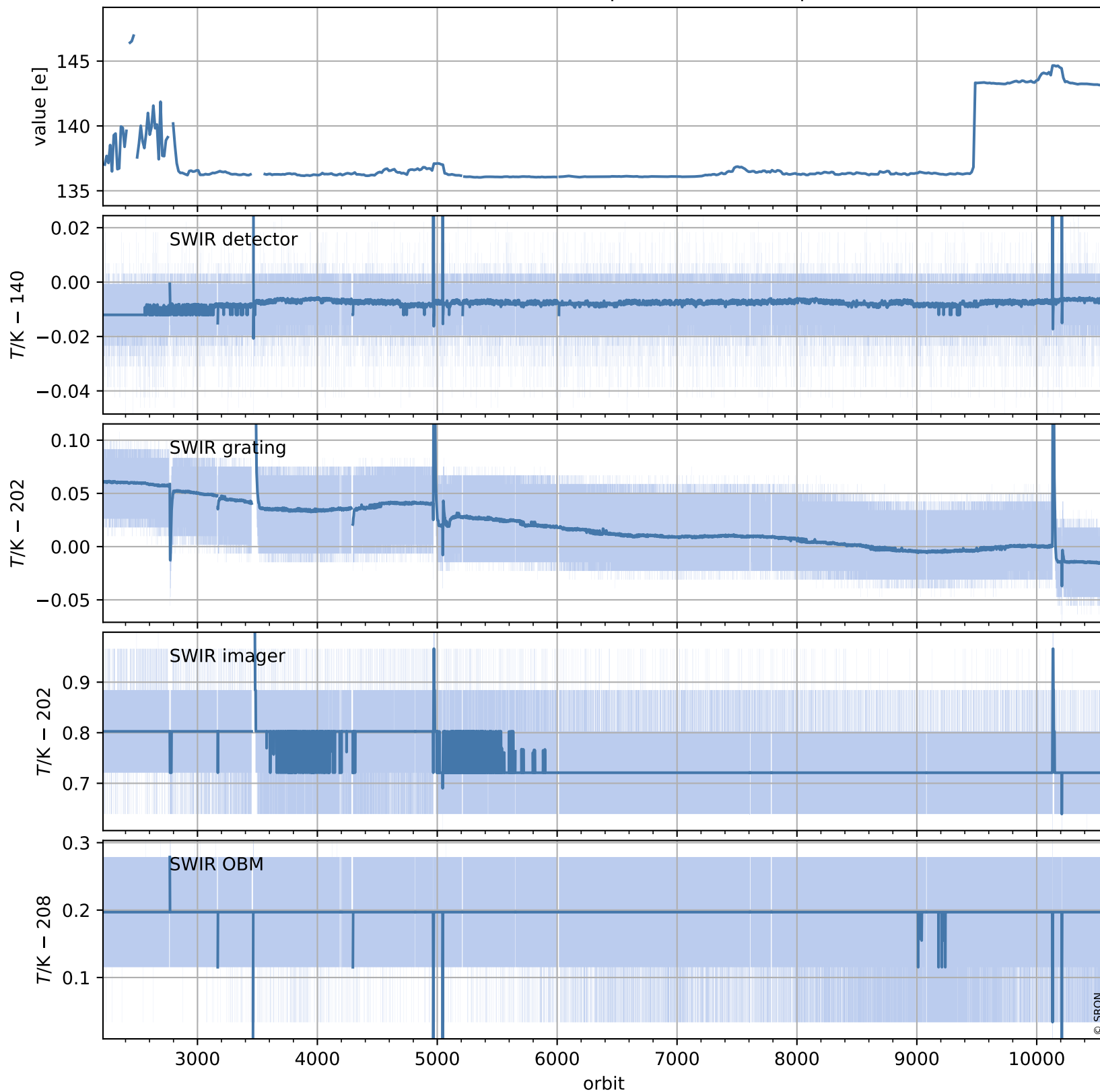
orbits : 12 in [10477, 10567]
coverage : 2019-10-22 / 2019-10-28
created : 2023-08-21T15:13:09



Tropomi SWIR background noise (swir)

orbits : [2212, 10567]
coverage : 2018-03-18 / 2019-10-28
created : 2023-08-21T15:13:09

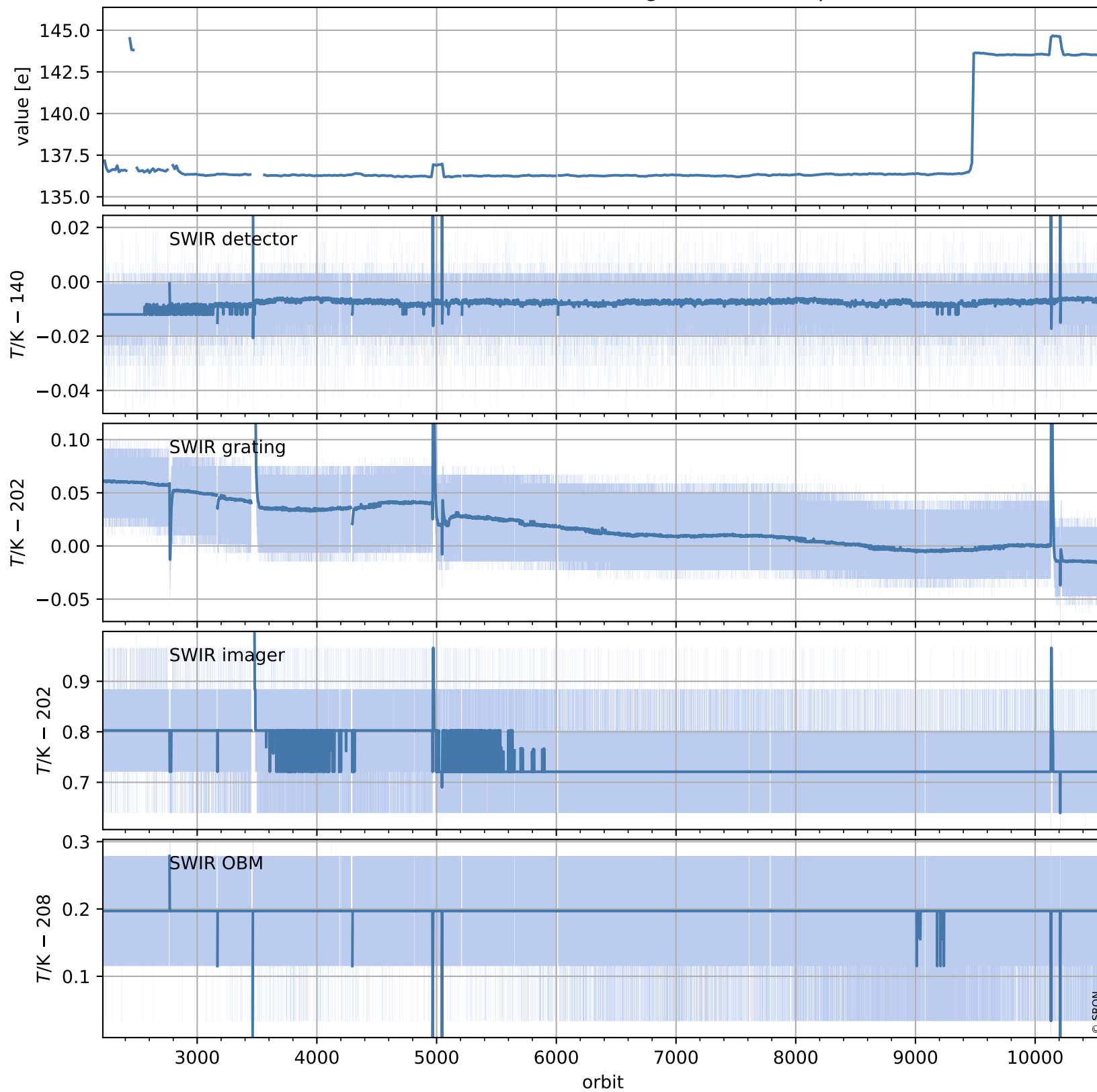
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10567]
coverage : 2018-03-18 / 2019-10-28
created : 2023-08-21T15:13:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10567]
coverage : 2018-03-18 / 2019-10-28
created : 2023-08-21T15:13:11

trend of normalized read-noise & temperatures

