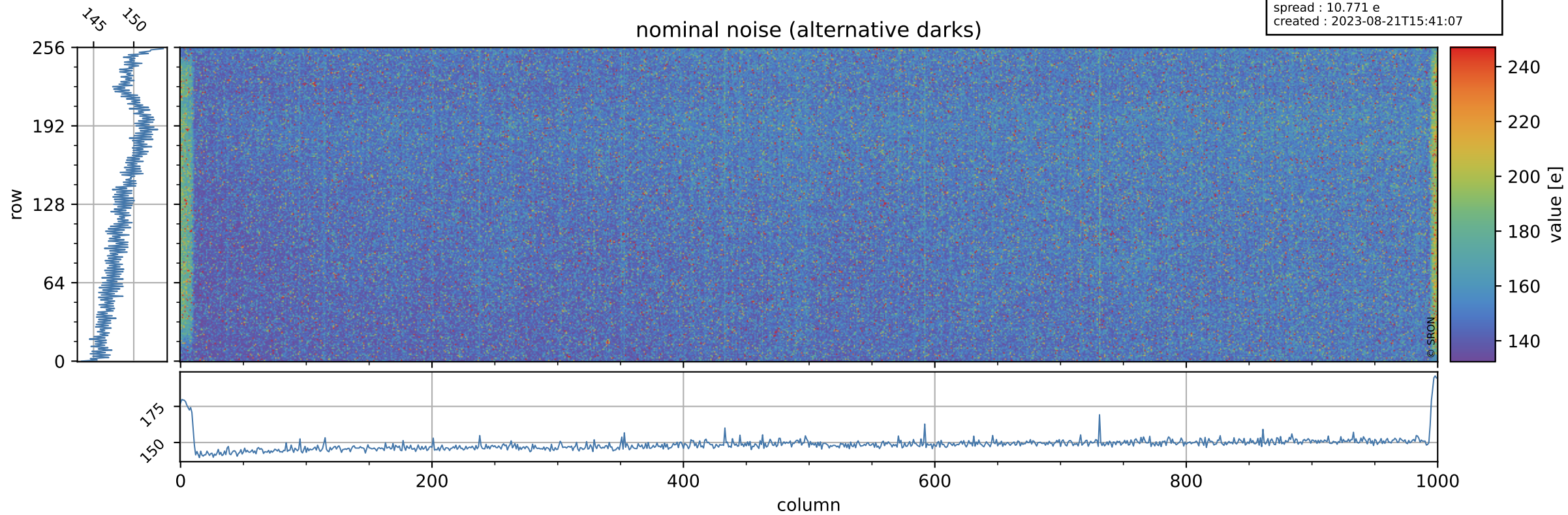


Tropomi SWIR background noise (swir)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.771 e
created : 2023-08-21T15:41:07

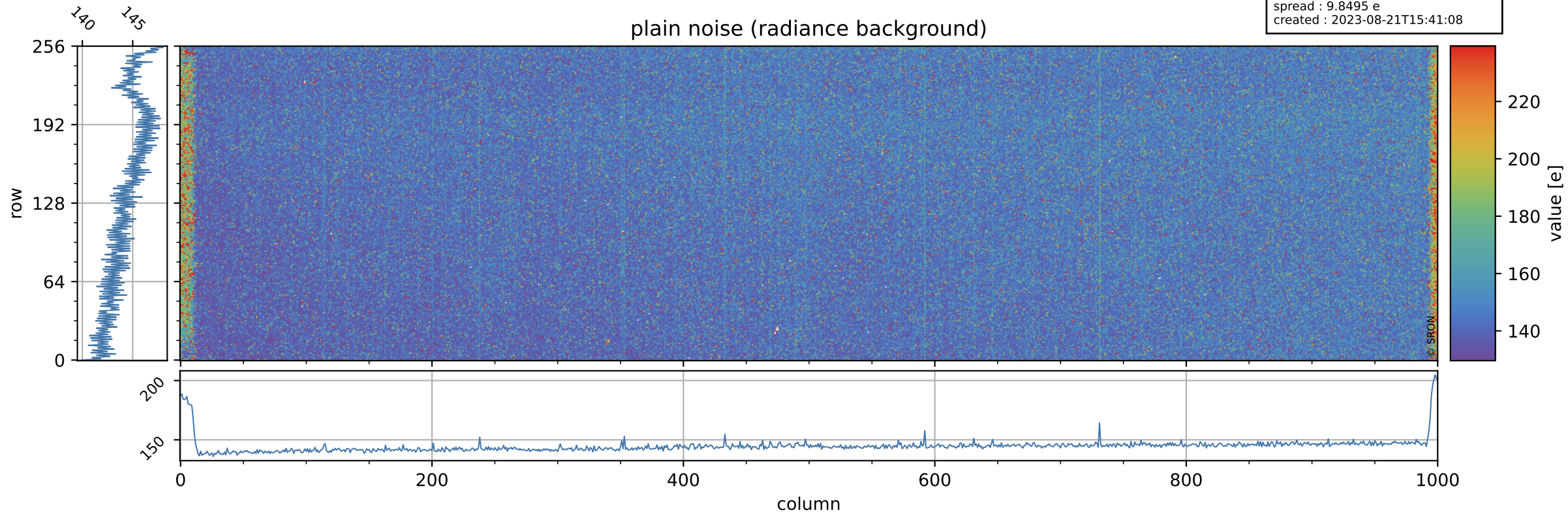
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
n_coad, t_exp : 1, 0.8383
median : 144.23 e
spread : 9.8495 e
created : 2023-08-21T15:41:08

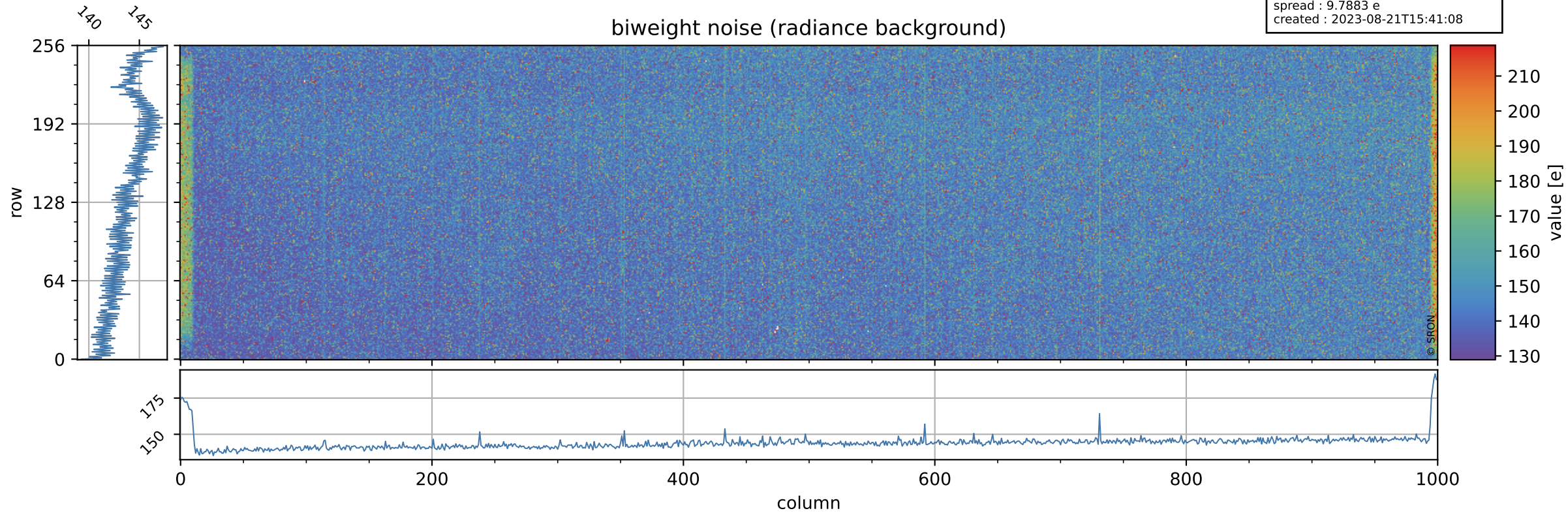
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7883 e
created : 2023-08-21T15:41:08

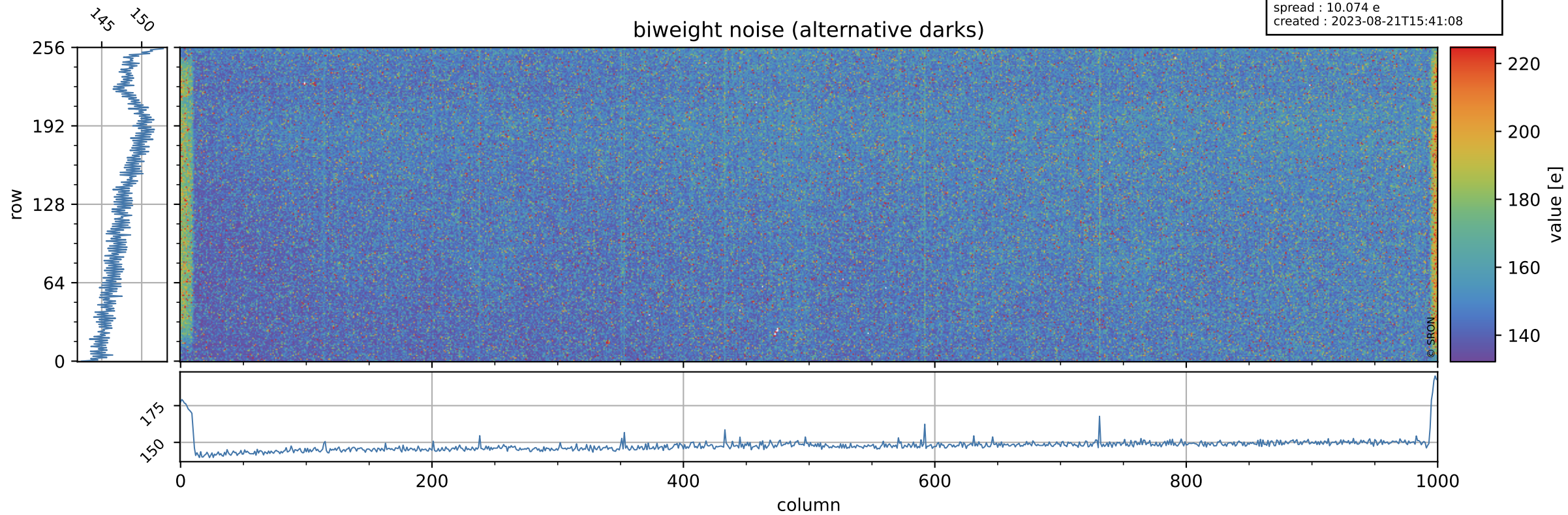
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.074 e
created : 2023-08-21T15:41:08

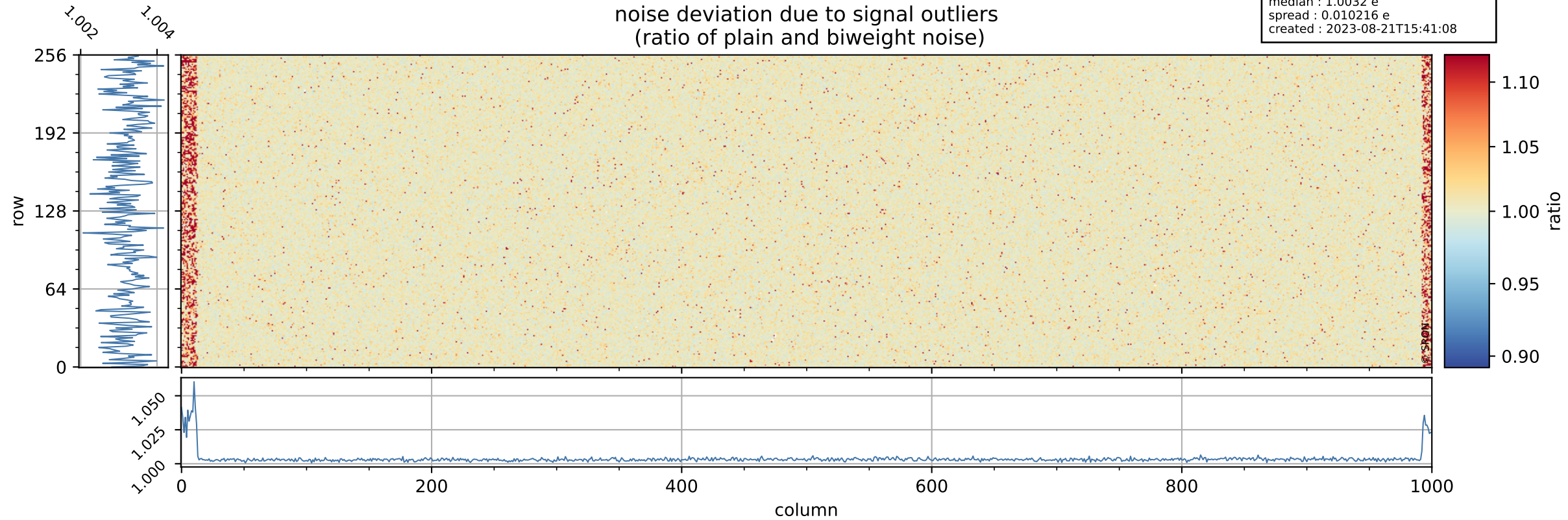
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

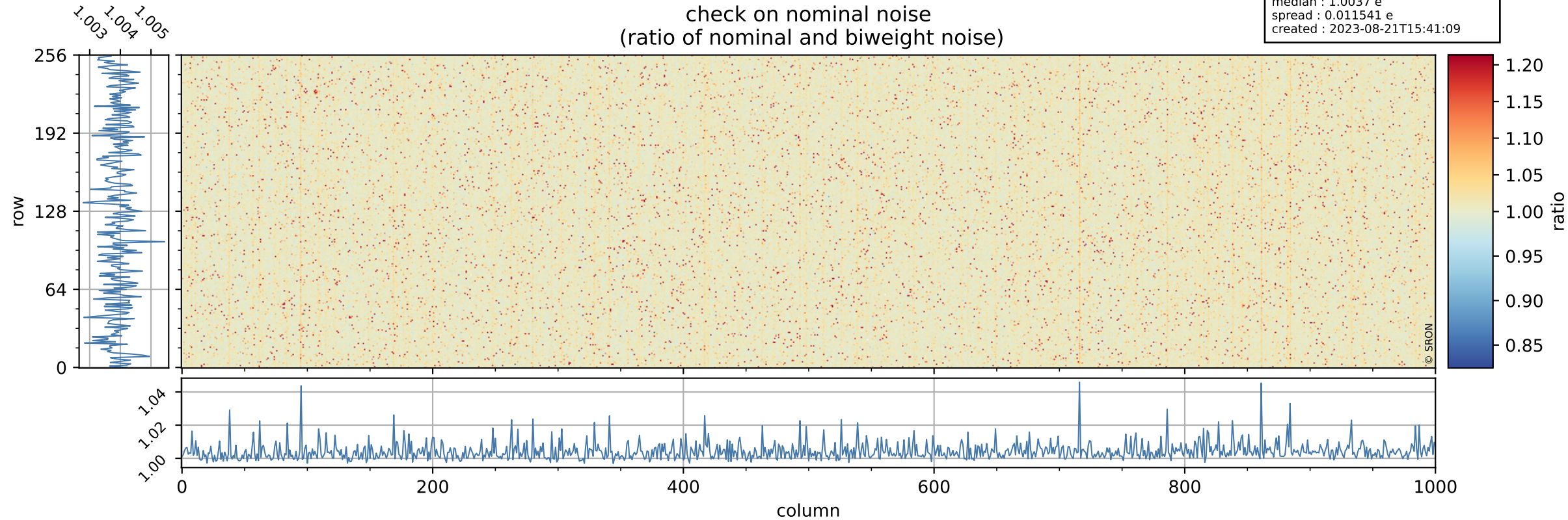
orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
median : 1.0032 e
spread : 0.010216 e
created : 2023-08-21T15:41:08



Tropomi SWIR background noise (swir)

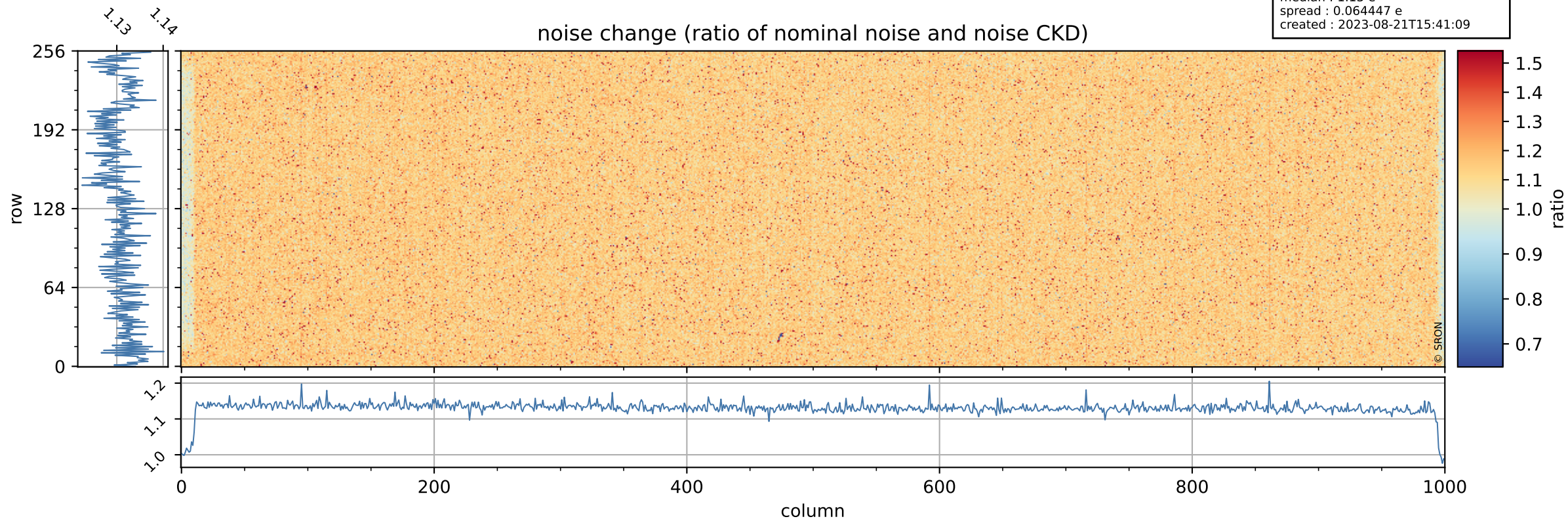
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
median : 1.0037 e
spread : 0.011541 e
created : 2023-08-21T15:41:09



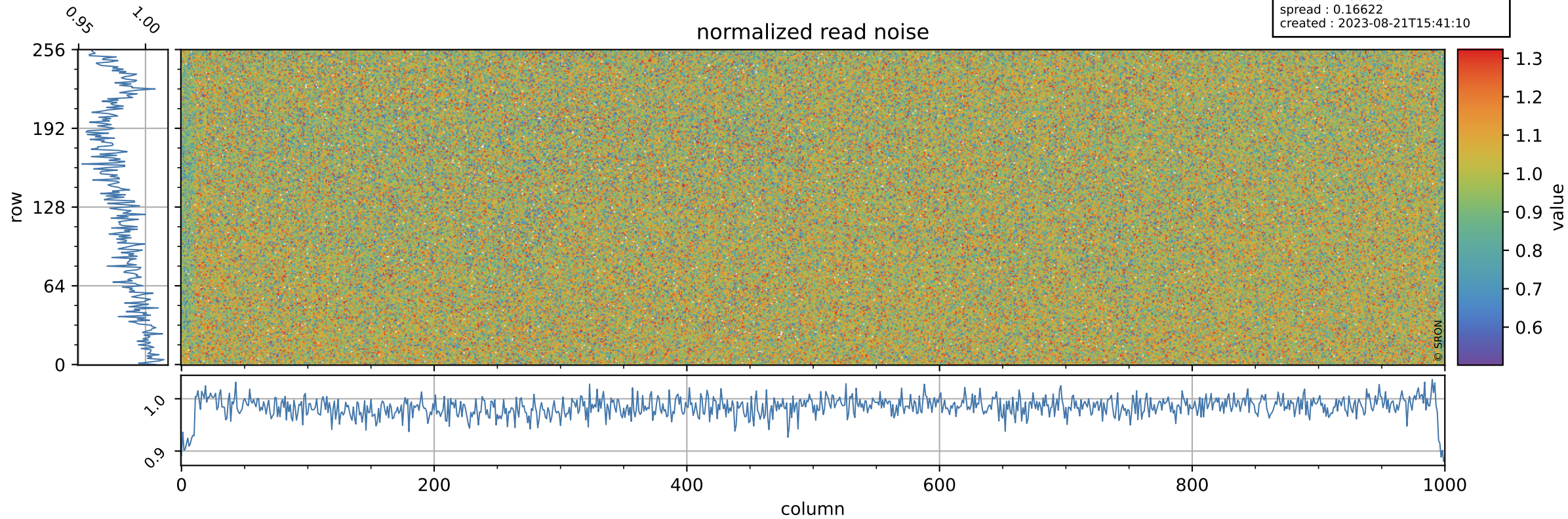
Tropomi SWIR background noise (swir)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
median : 1.13 e
spread : 0.064447 e
created : 2023-08-21T15:41:09



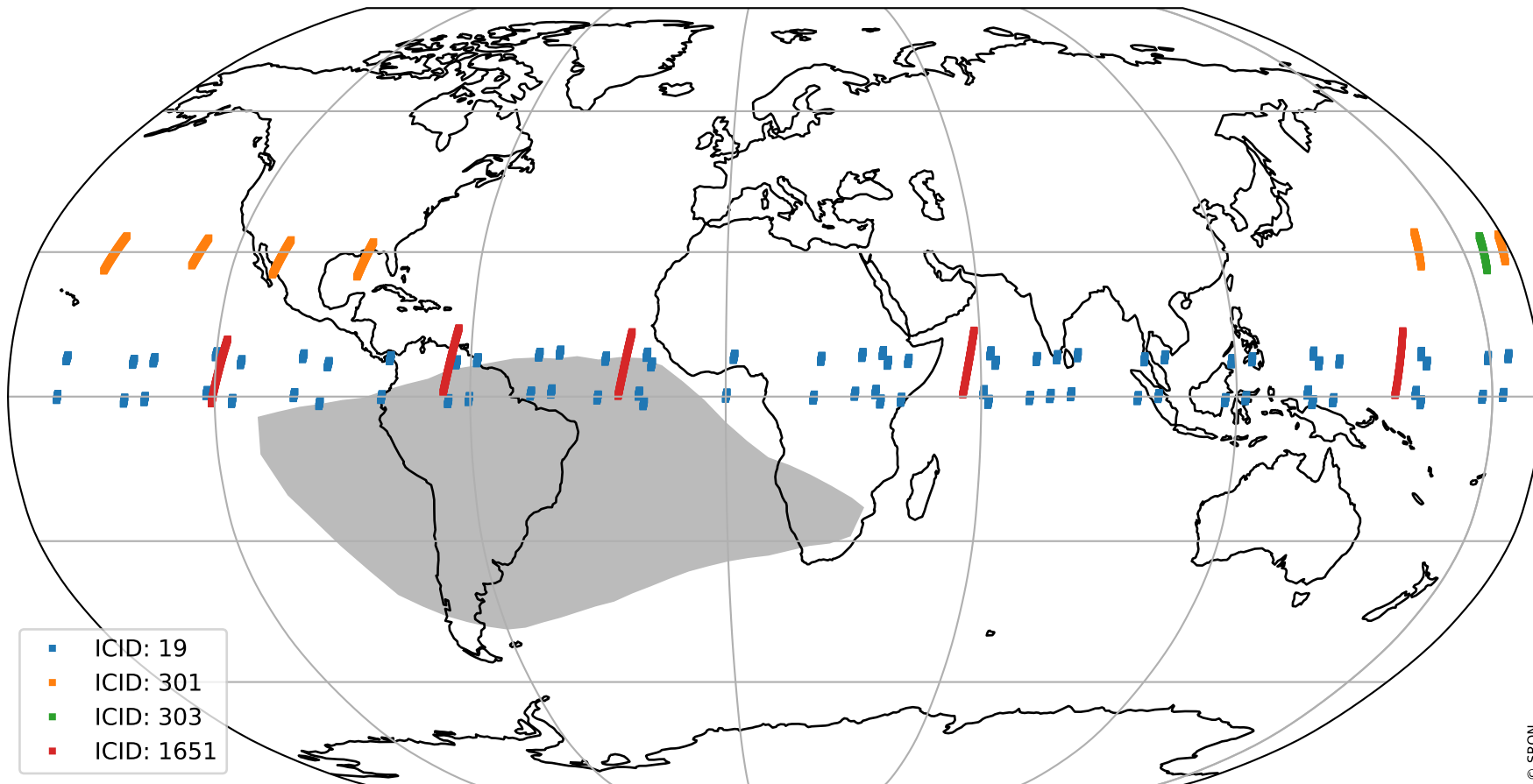
Tropomi SWIR background noise (swir)

orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
median : 0.98275
spread : 0.16622
created : 2023-08-21T15:41:10



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

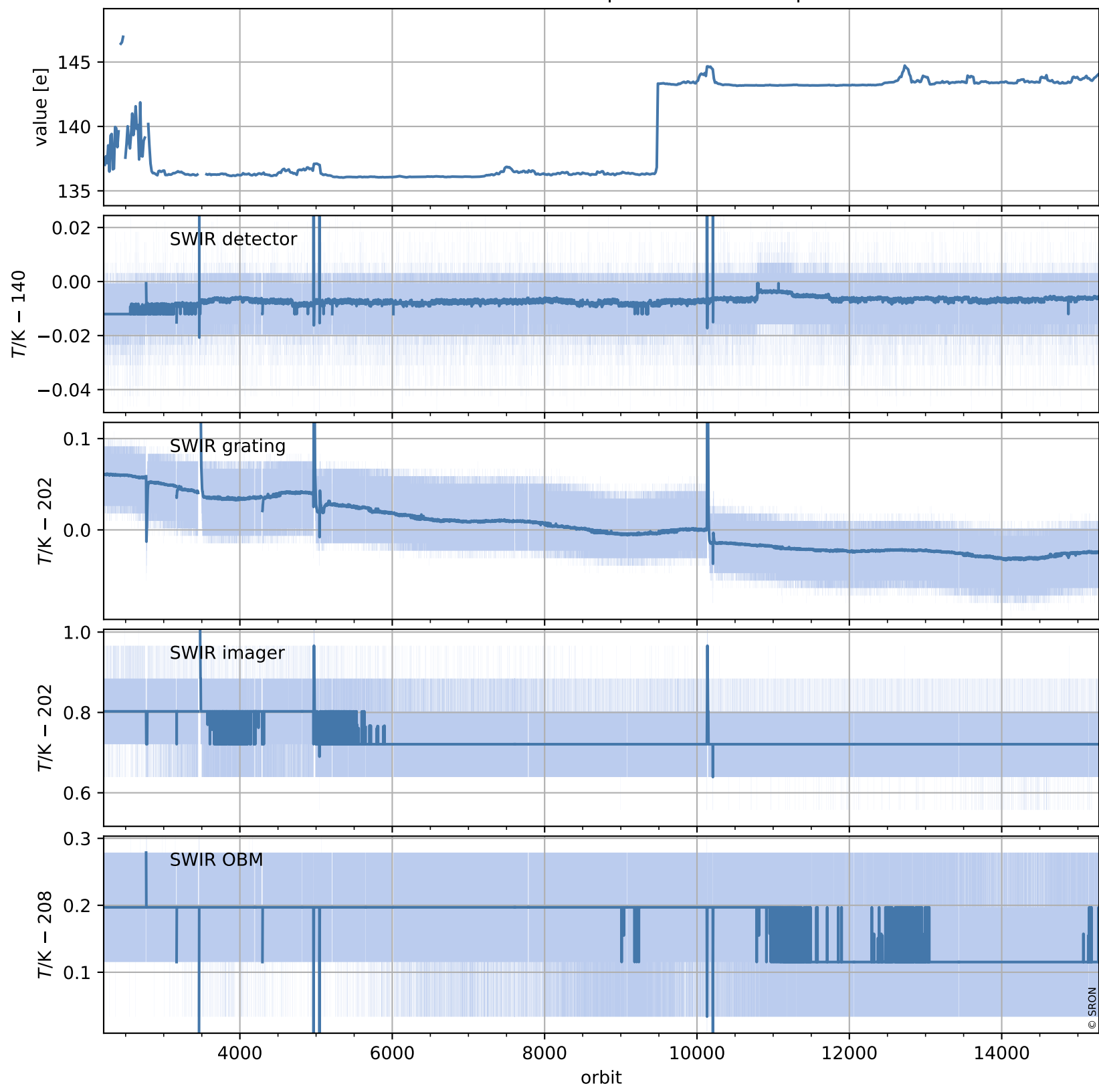
orbits : 12 in [15187, 15277]
coverage : 2020-09-18 / 2020-09-24
created : 2023-08-21T15:41:10



Tropomi SWIR background noise (swir)

orbits : [2212, 15277]
coverage : 2018-03-18 / 2020-09-24
created : 2023-08-21T15:41:10

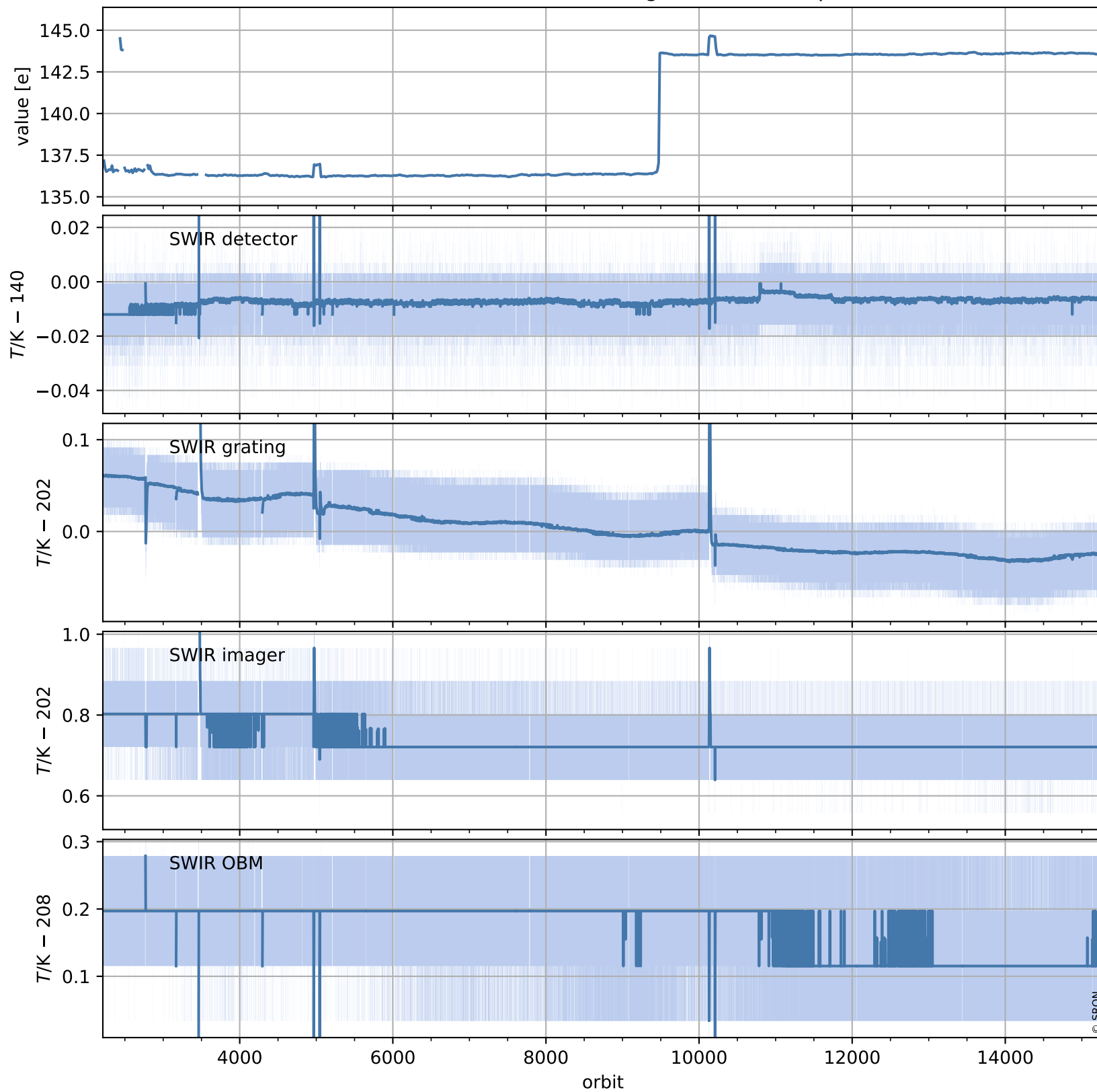
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15277]
coverage : 2018-03-18 / 2020-09-24
created : 2023-08-21T15:41:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15277]
coverage : 2018-03-18 / 2020-09-24
created : 2023-08-21T15:41:12

trend of normalized read-noise & temperatures

