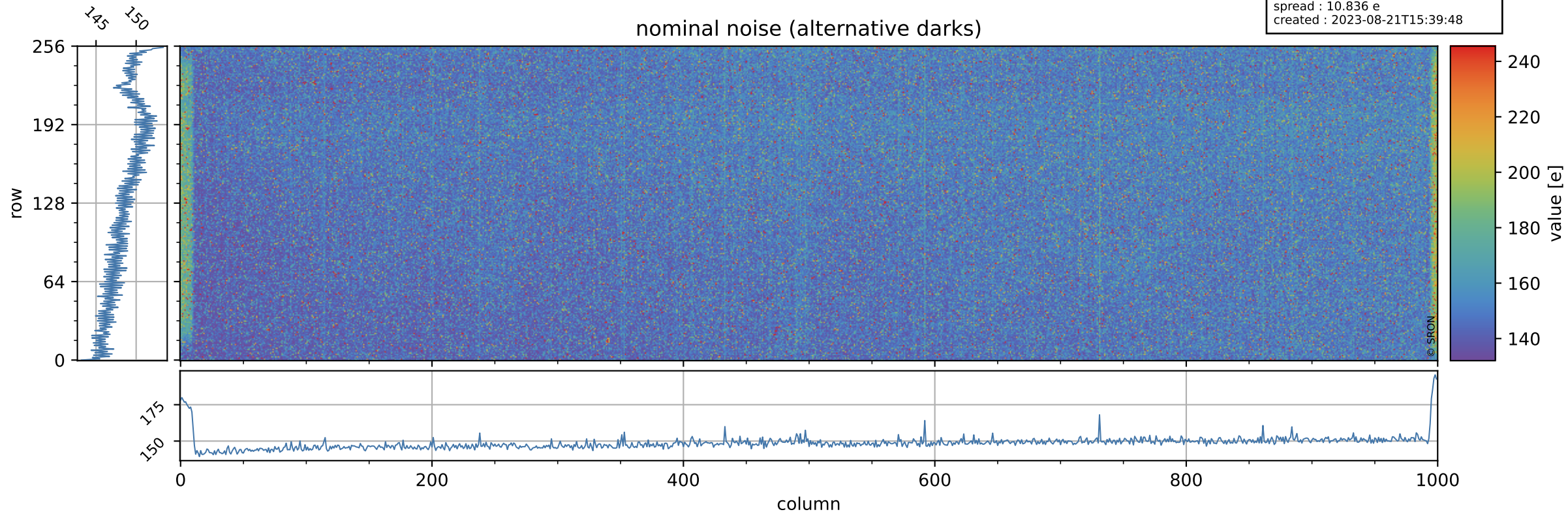


Tropomi SWIR background noise (swir)

orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.836 e
created : 2023-08-21T15:39:48

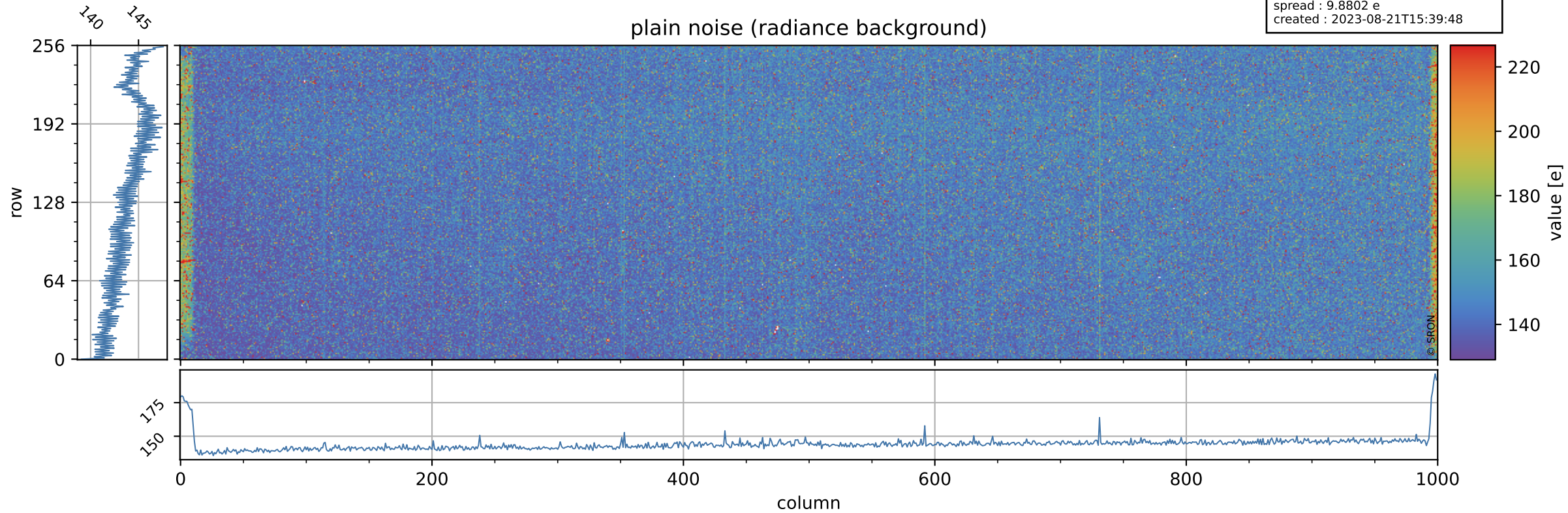
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8802 e
created : 2023-08-21T15:39:48

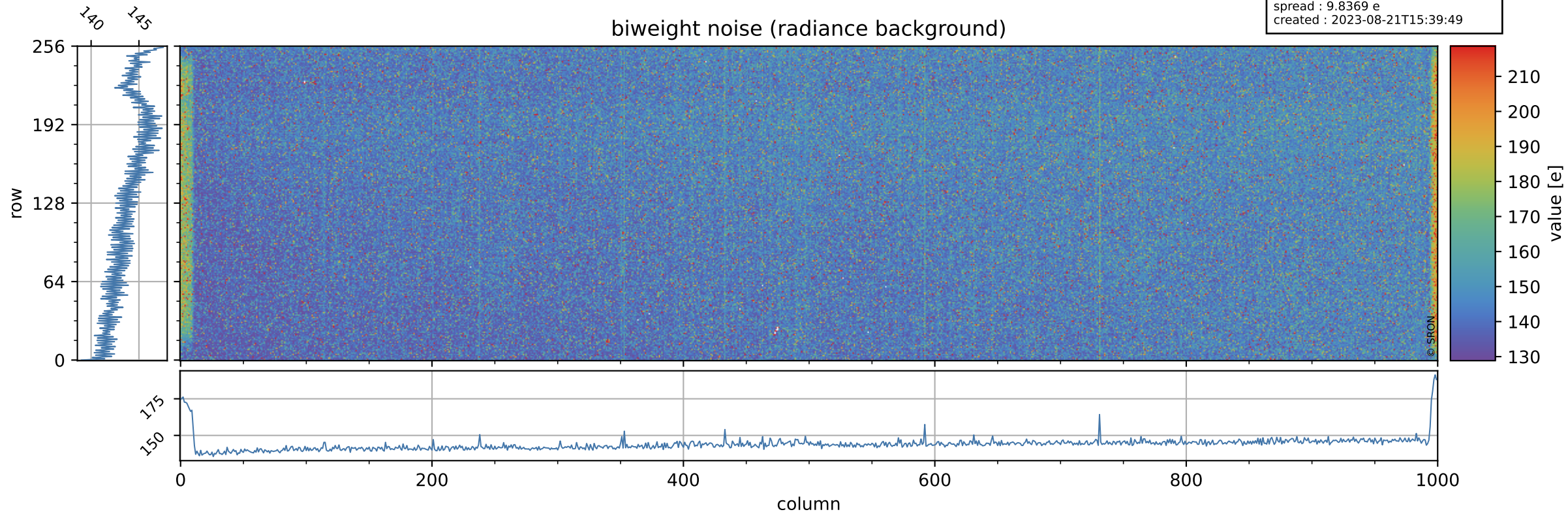
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8369 e
created : 2023-08-21T15:39:49

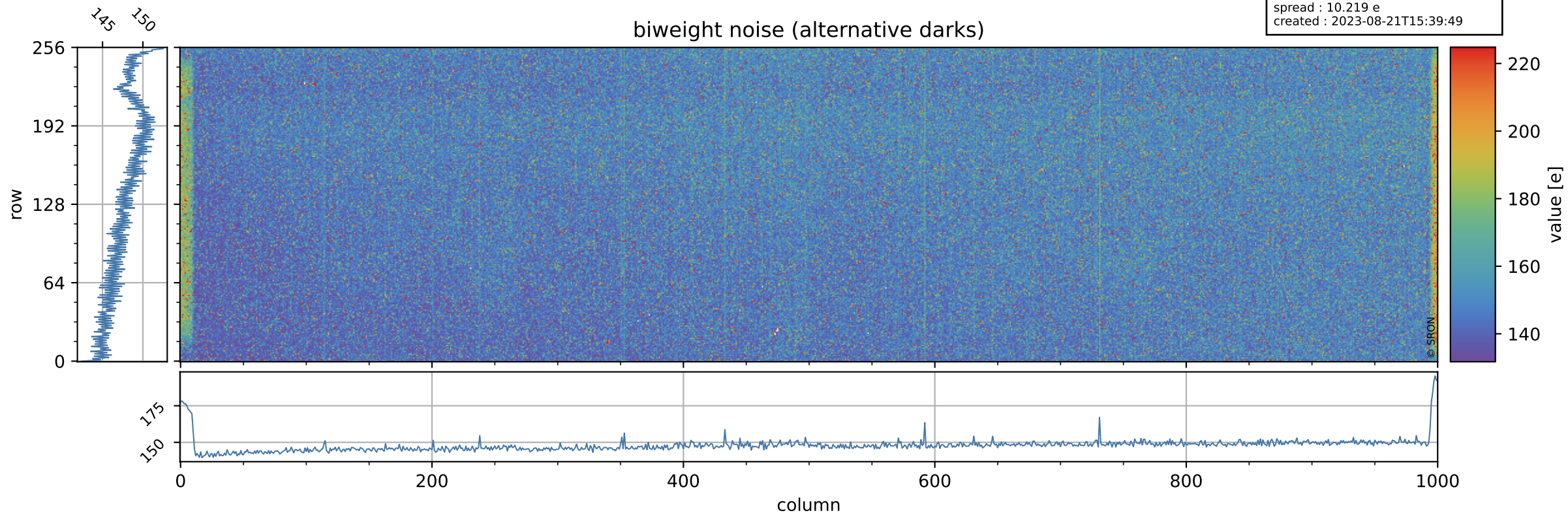
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.219 e
created : 2023-08-21T15:39:49

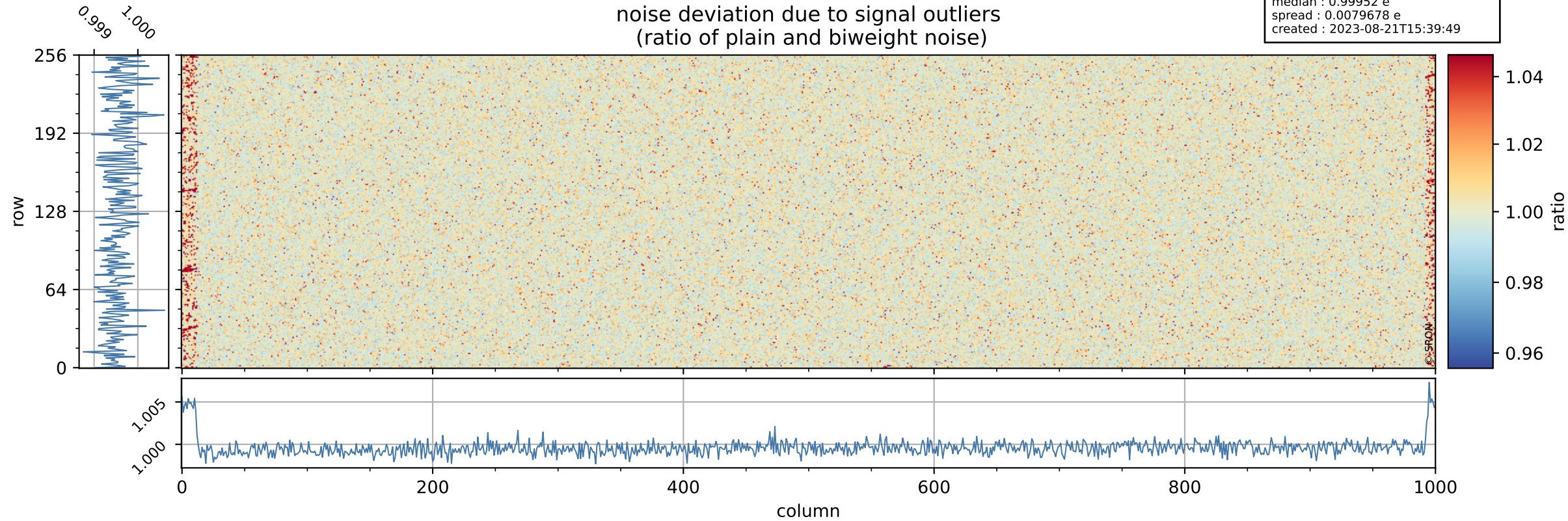
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

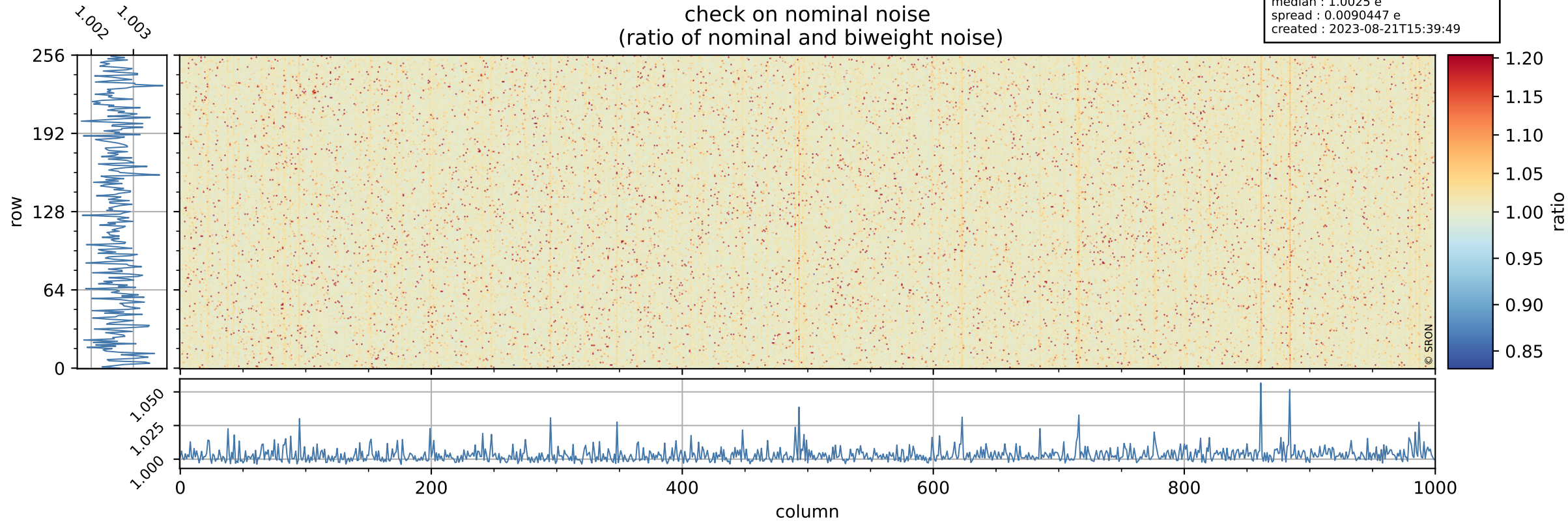
orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
median : 0.99952 e
spread : 0.0079678 e
created : 2023-08-21T15:39:49



Tropomi SWIR background noise (swir)

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

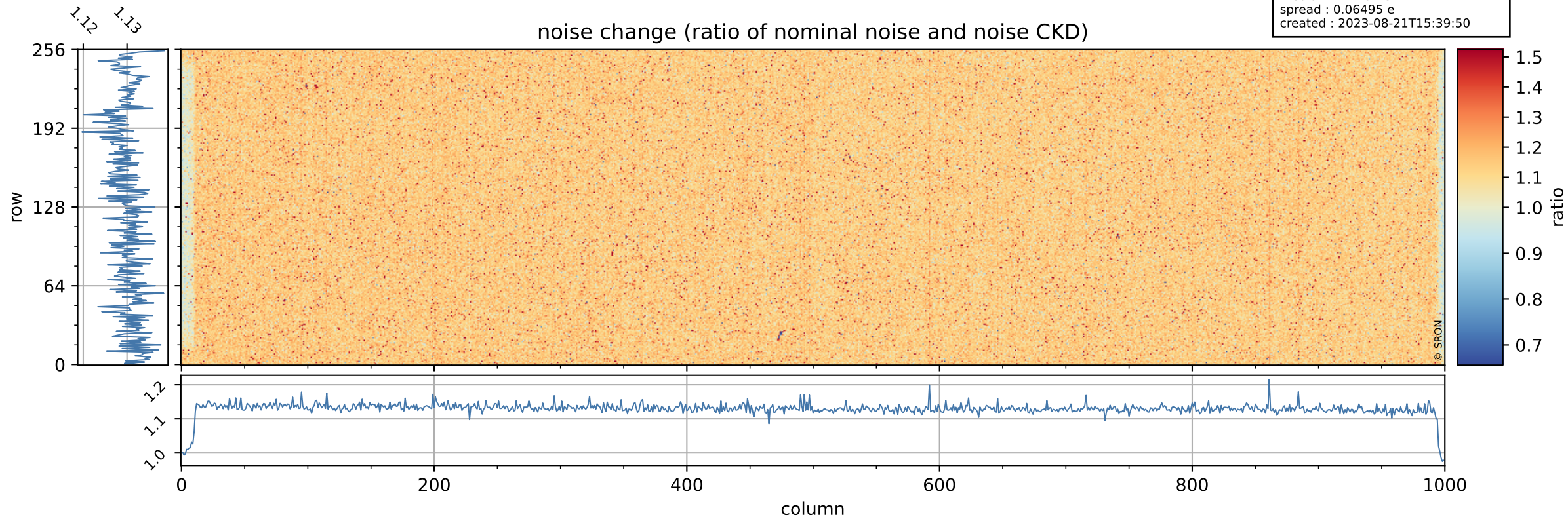
orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
median : 1.0025 e
spread : 0.0090447 e
created : 2023-08-21T15:39:49



Tropomi SWIR background noise (swir)

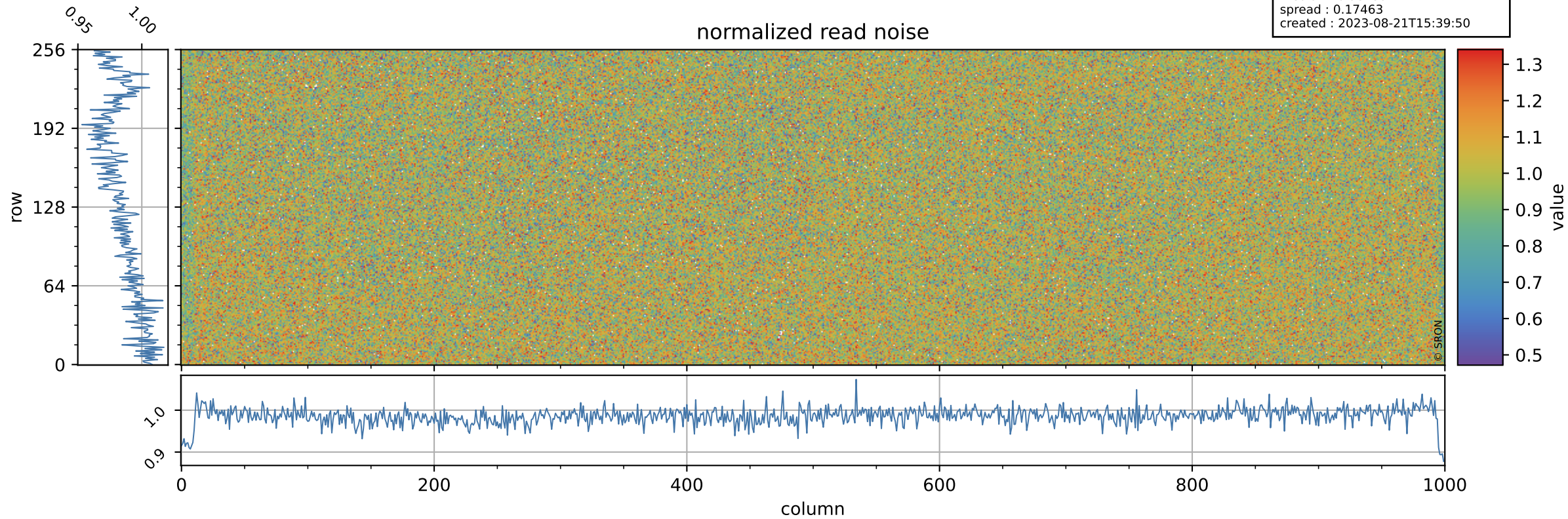
orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
median : 1.1292 e
spread : 0.06495 e
created : 2023-08-21T15:39:50

noise change (ratio of nominal noise and noise CKD)



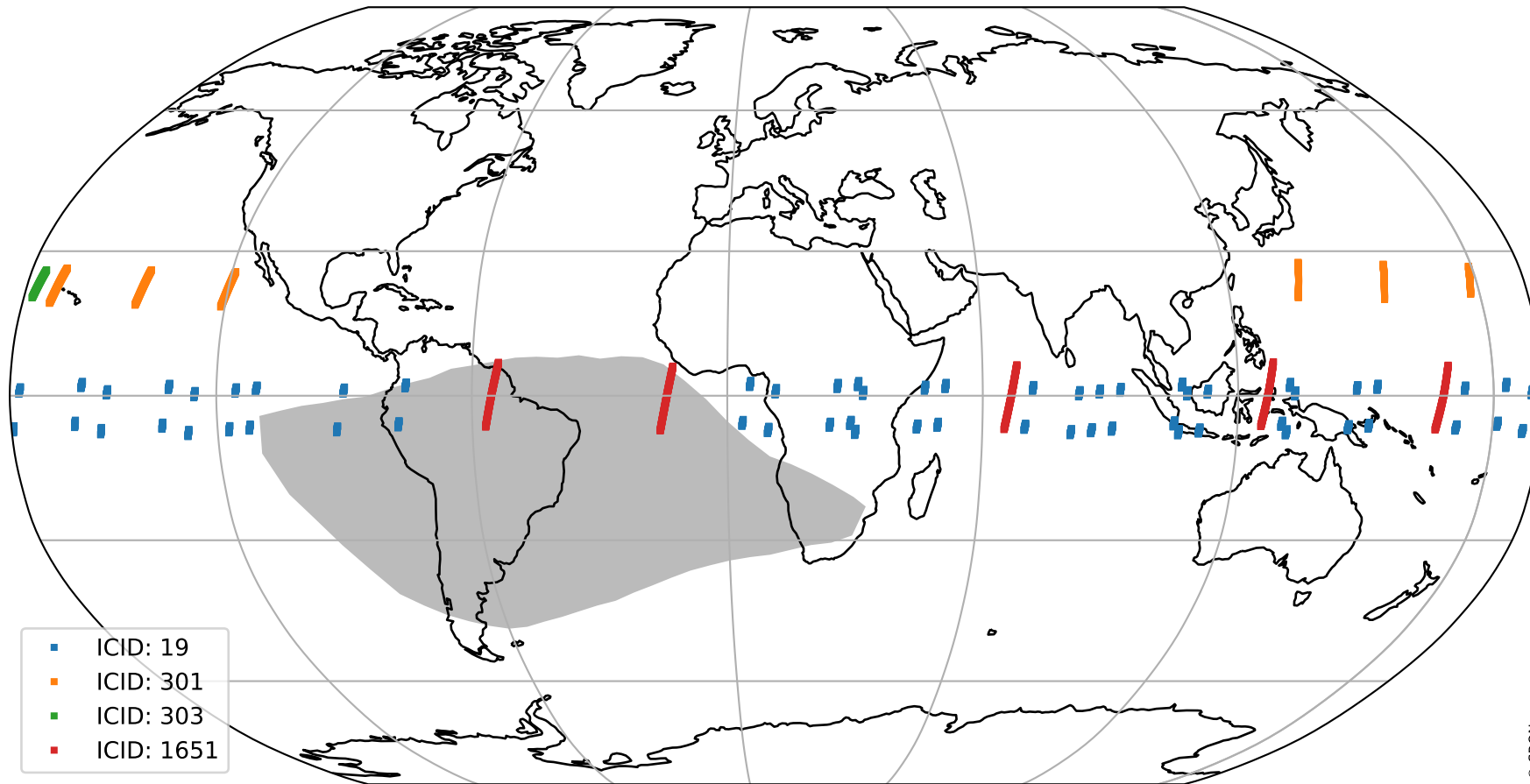
Tropomi SWIR background noise (swir)

orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
median : 0.98439
spread : 0.17463
created : 2023-08-21T15:39:50



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

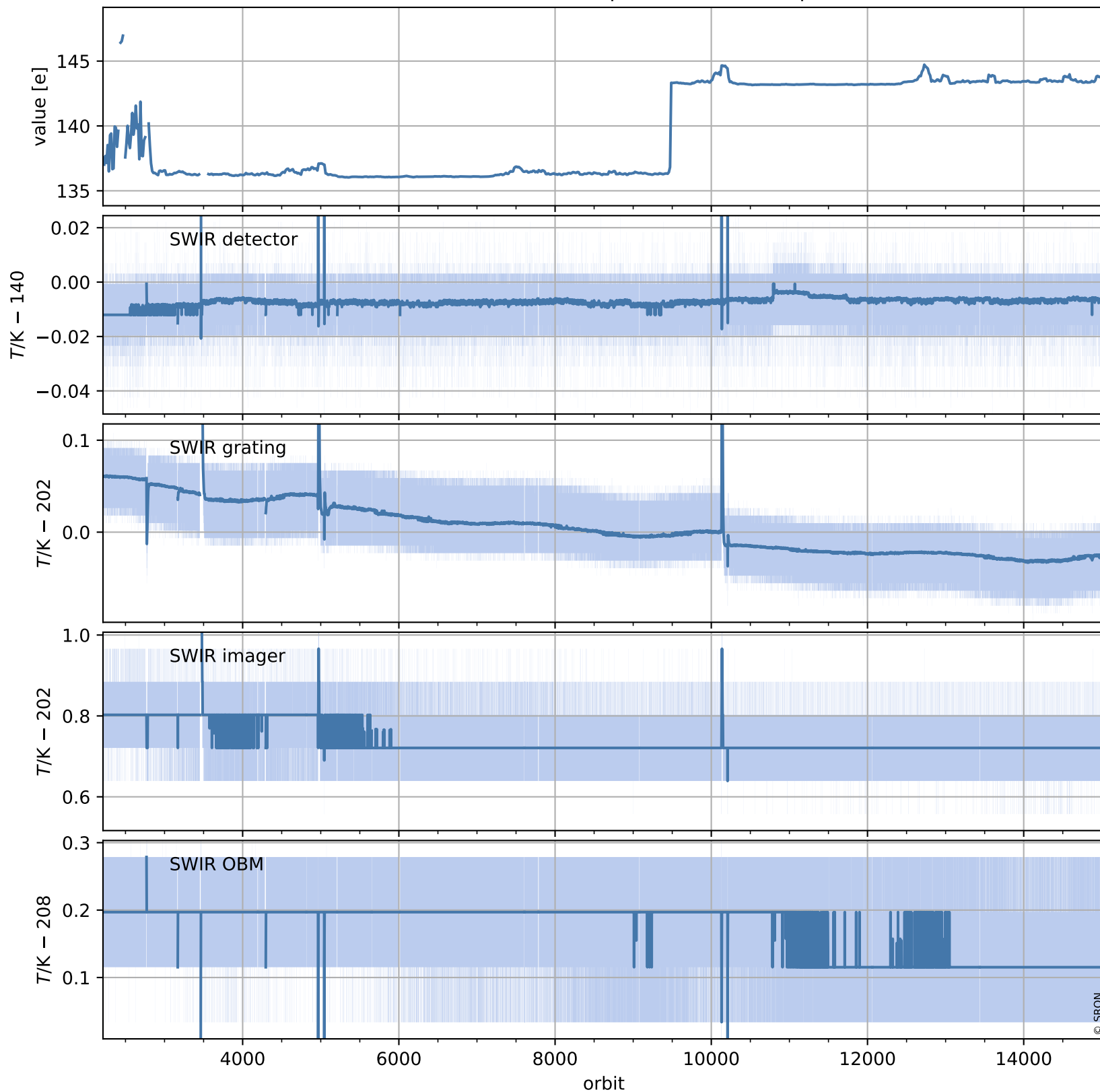
orbits : 12 in [14962, 15037]
coverage : 2020-09-01 / 2020-09-06
created : 2023-08-21T15:39:50



Tropomi SWIR background noise (swir)

orbits : [2212, 15037]
coverage : 2018-03-18 / 2020-09-06
created : 2023-08-21T15:39:51

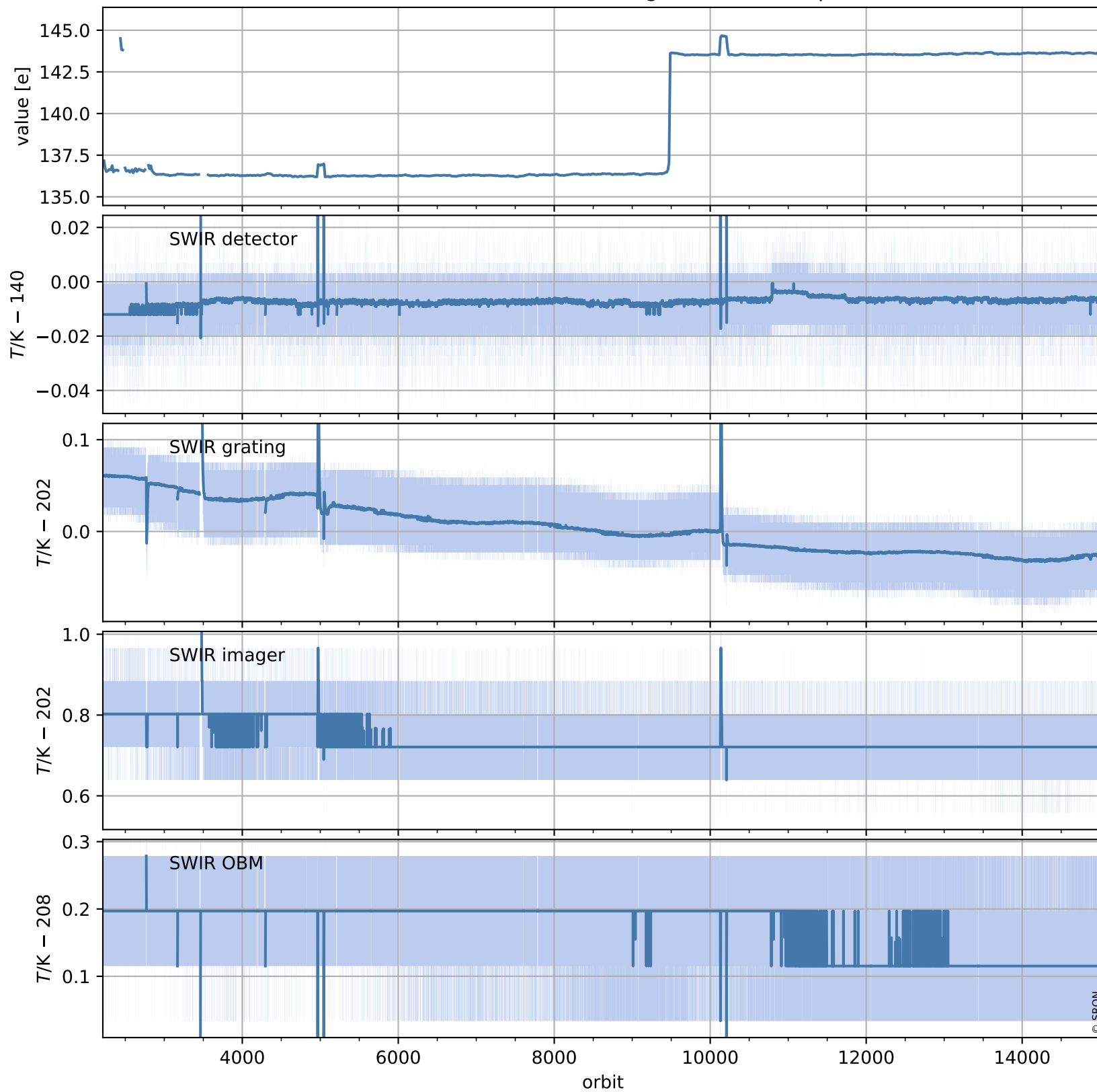
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15037]
coverage : 2018-03-18 / 2020-09-06
created : 2023-08-21T15:39:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15037]
coverage : 2018-03-18 / 2020-09-06
created : 2023-08-21T15:39:52

trend of normalized read-noise & temperatures

