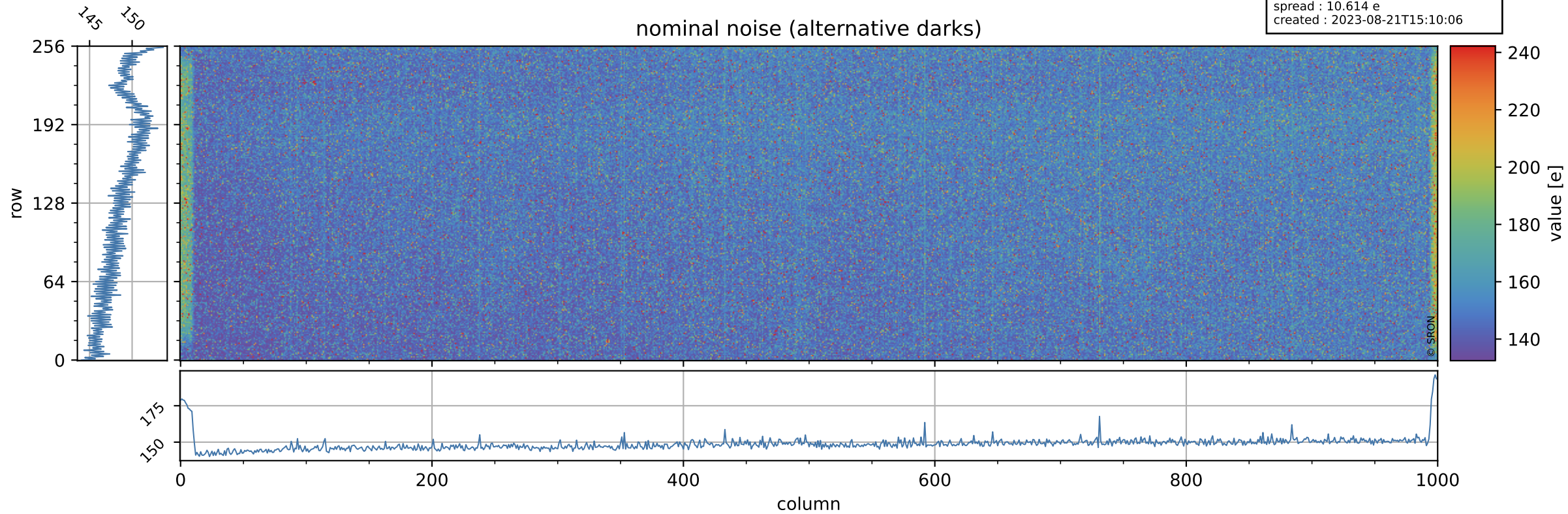


Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.614 e
created : 2023-08-21T15:10:06

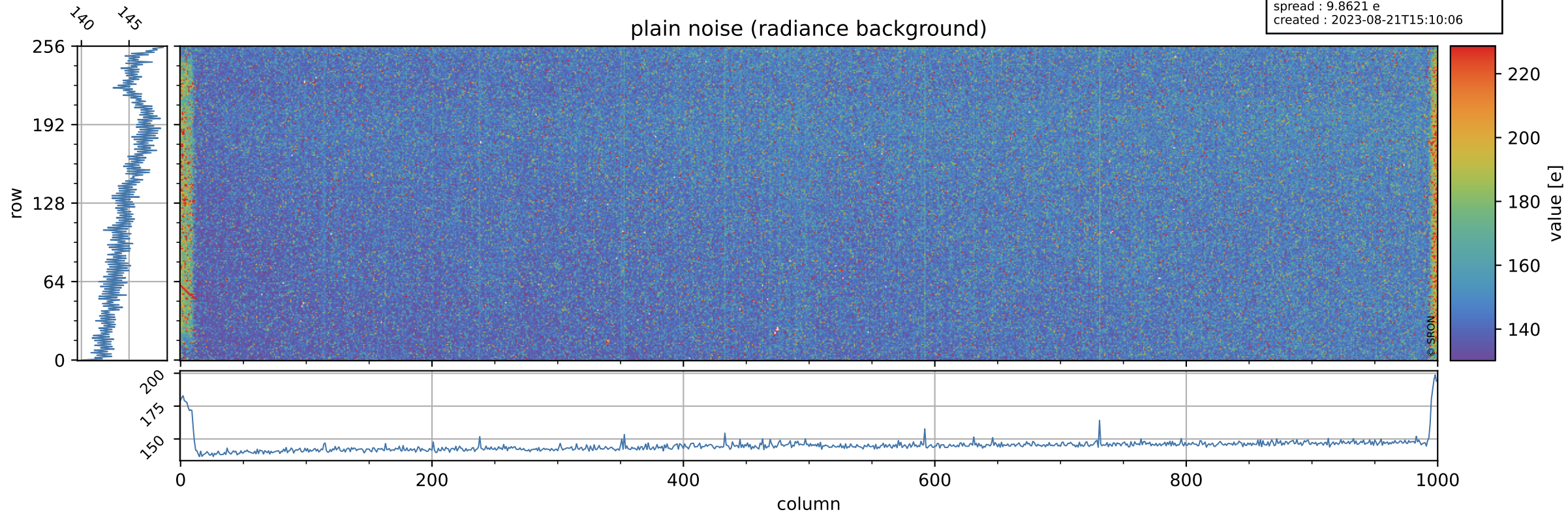
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
n_coad, t_exp : 1, 0.8383
median : 144.67 e
spread : 9.8621 e
created : 2023-08-21T15:10:06

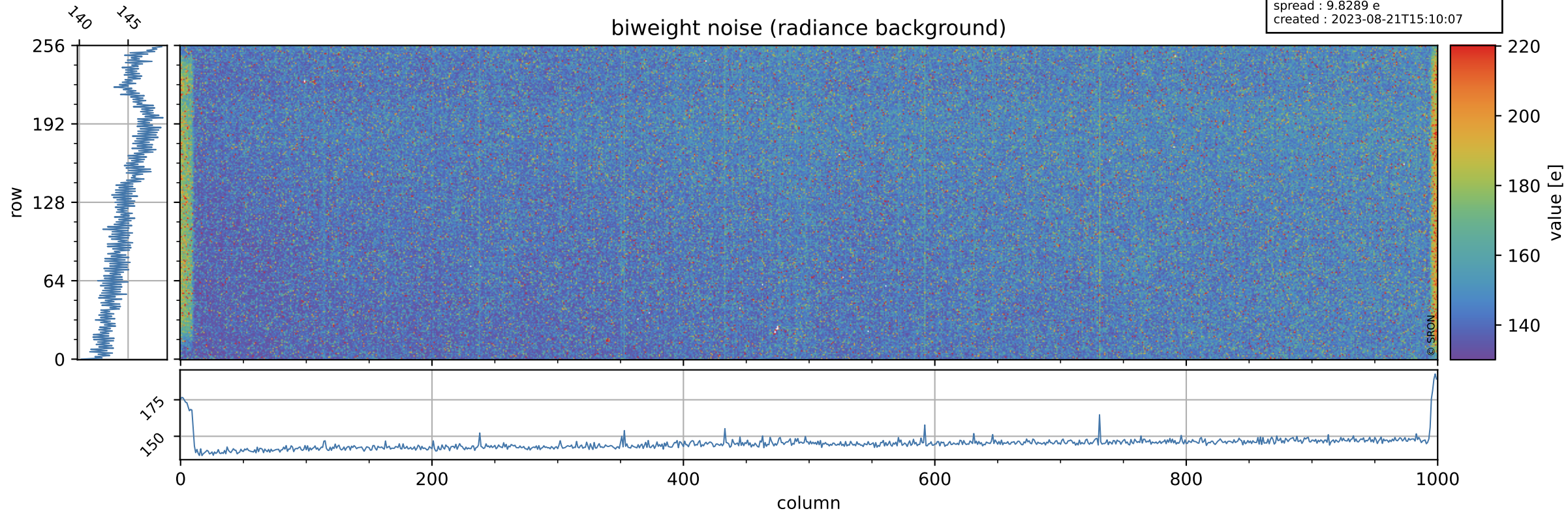
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
n_coad, t_exp : 1, 0.8383
median : 144.78 e
spread : 9.8289 e
created : 2023-08-21T15:10:07

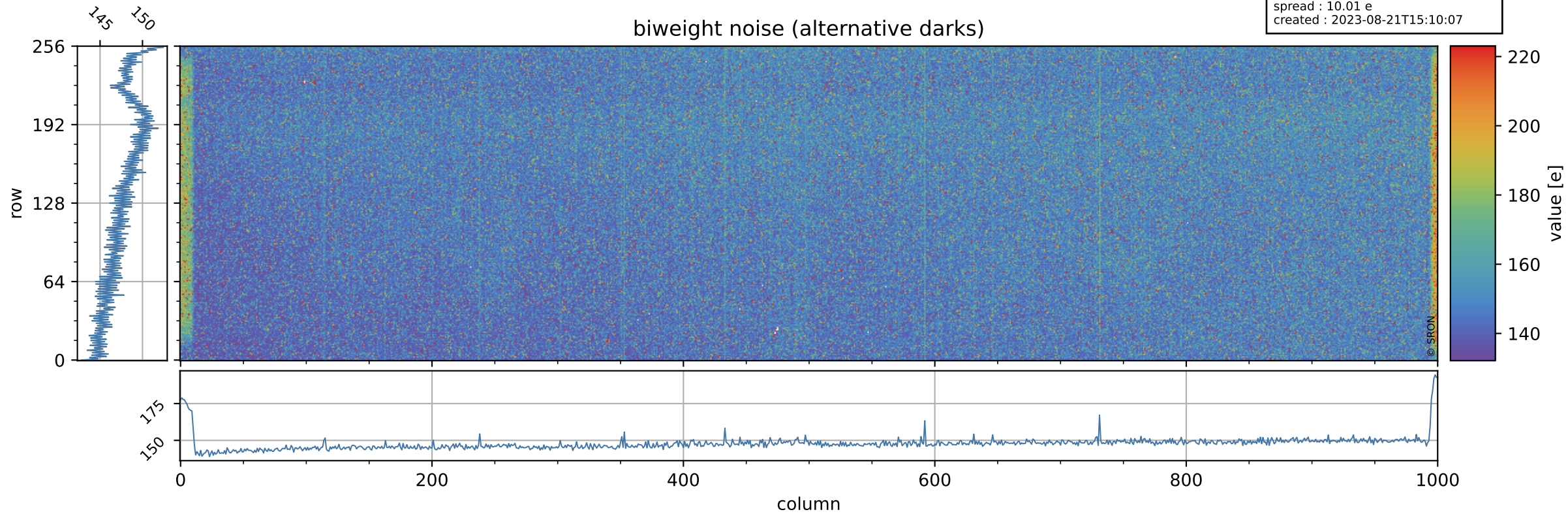
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.01 e
created : 2023-08-21T15:10:07

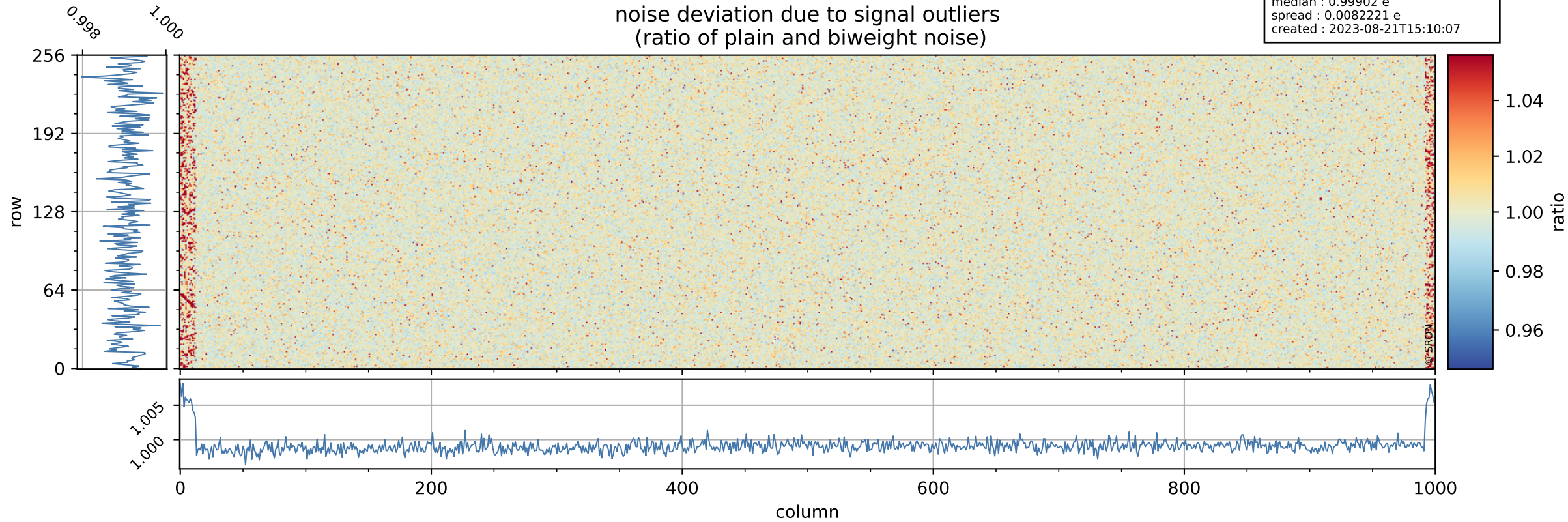
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

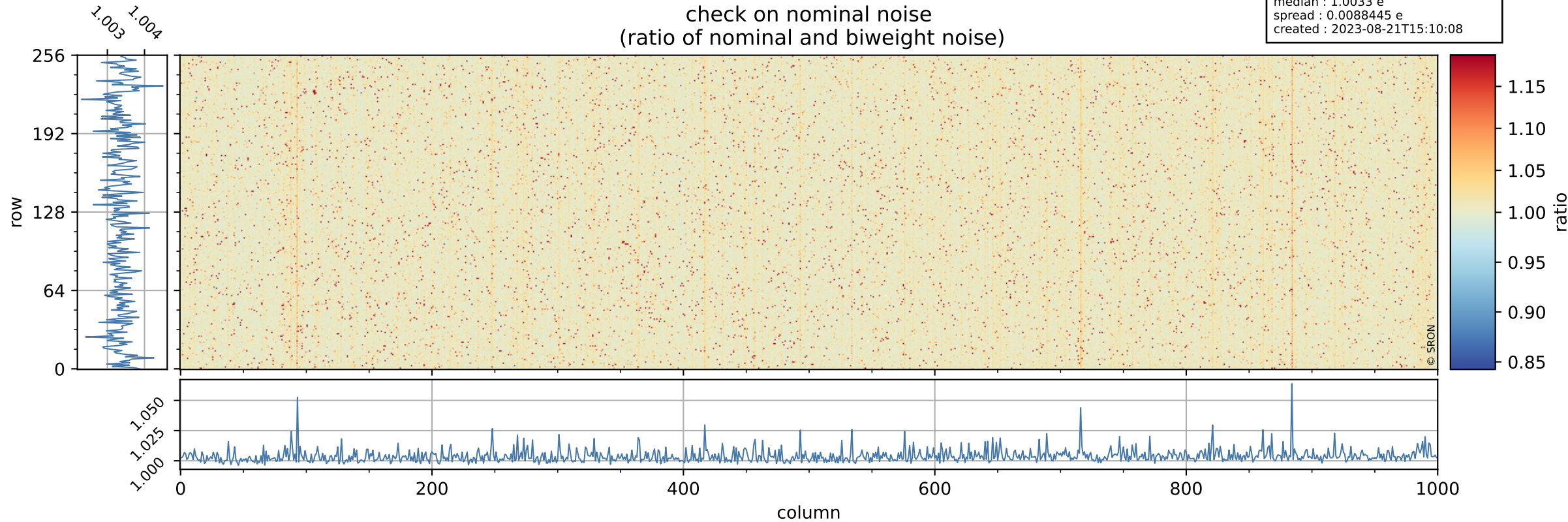
orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
median : 0.99902 e
spread : 0.0082221 e
created : 2023-08-21T15:10:07



Tropomi SWIR background noise (swir)

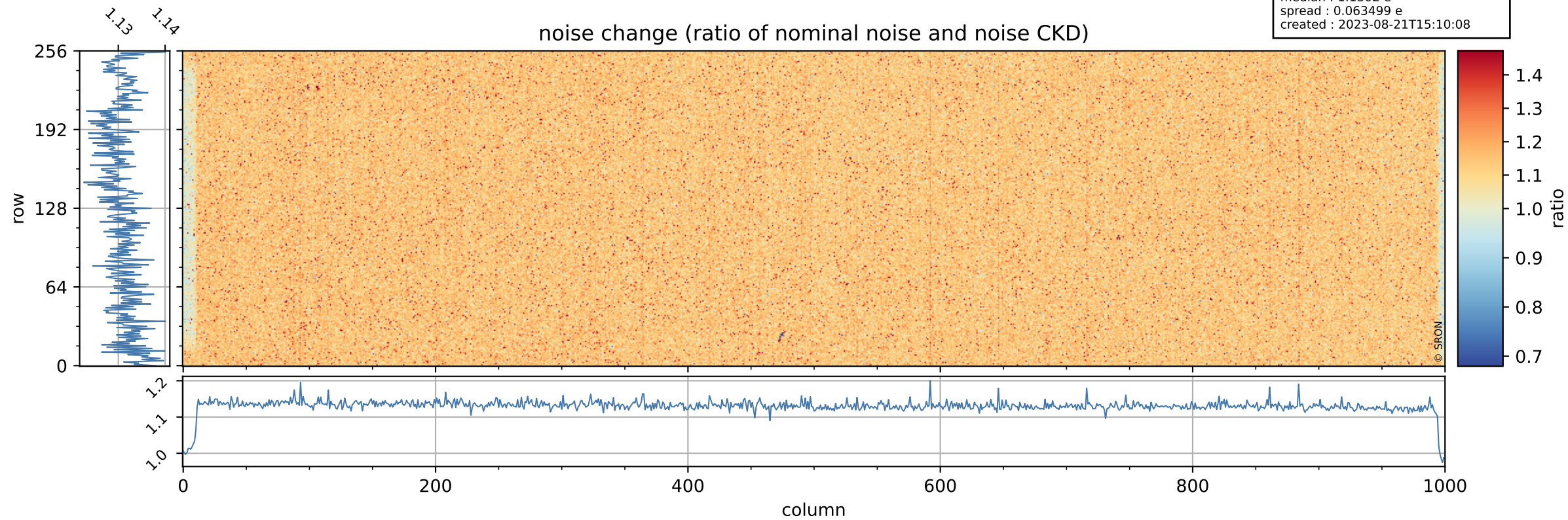
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
median : 1.0033 e
spread : 0.0088445 e
created : 2023-08-21T15:10:08



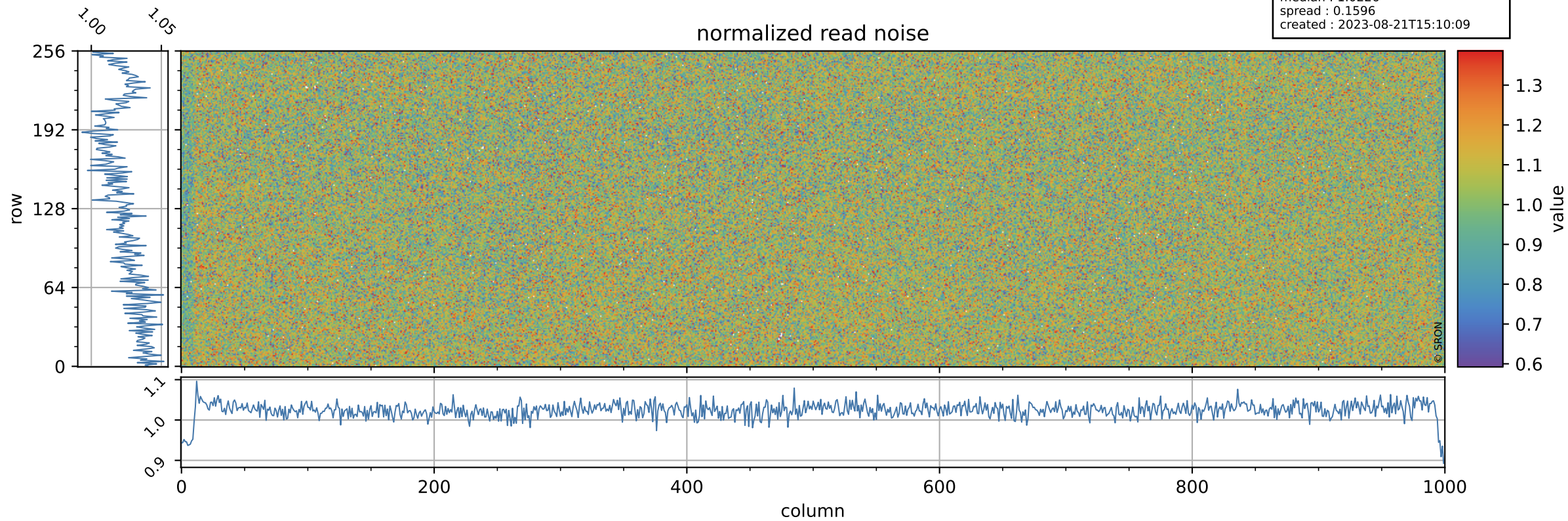
Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
median : 1.1302 e
spread : 0.063499 e
created : 2023-08-21T15:10:08



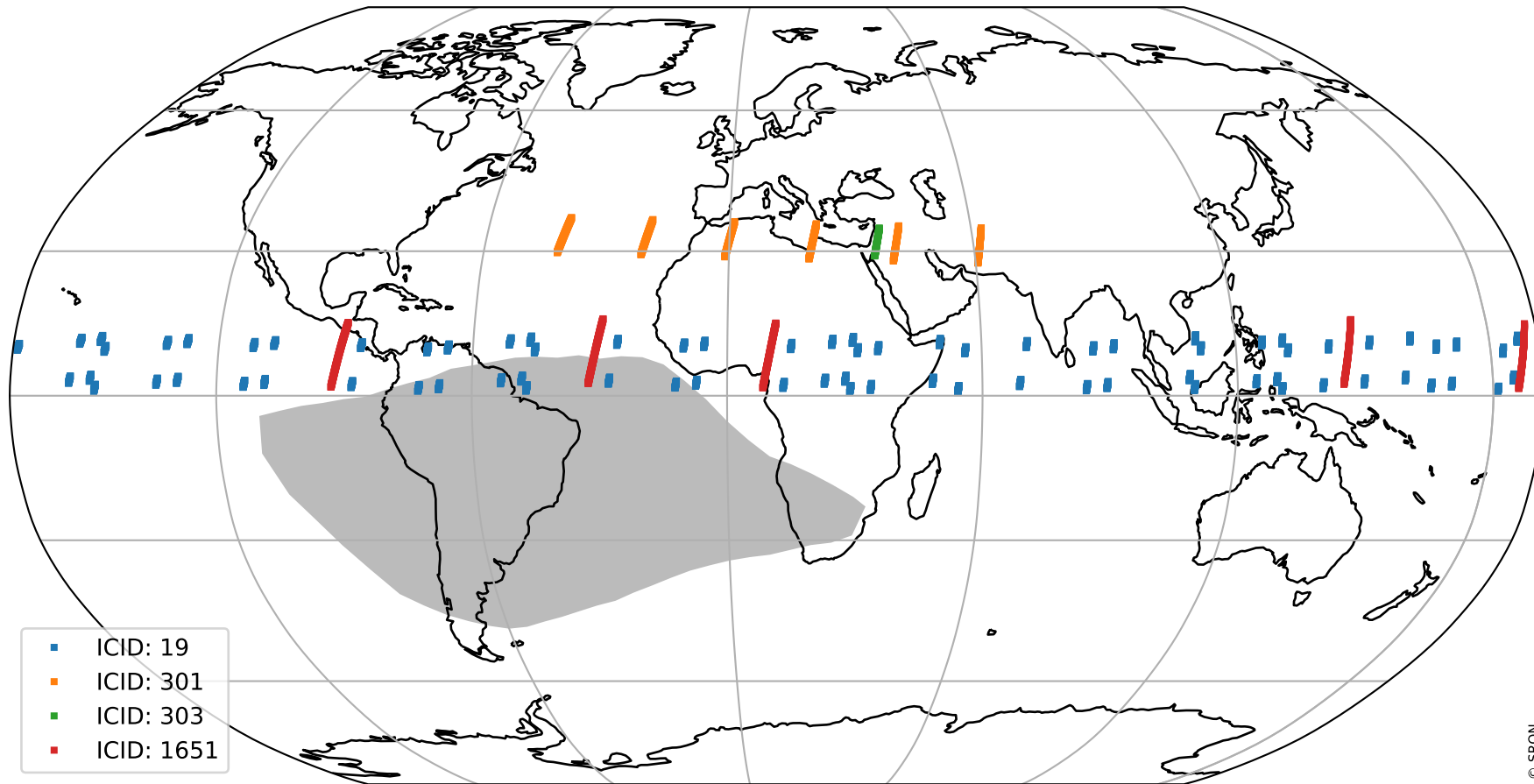
Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
median : 1.0226
spread : 0.1596
created : 2023-08-21T15:10:09



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

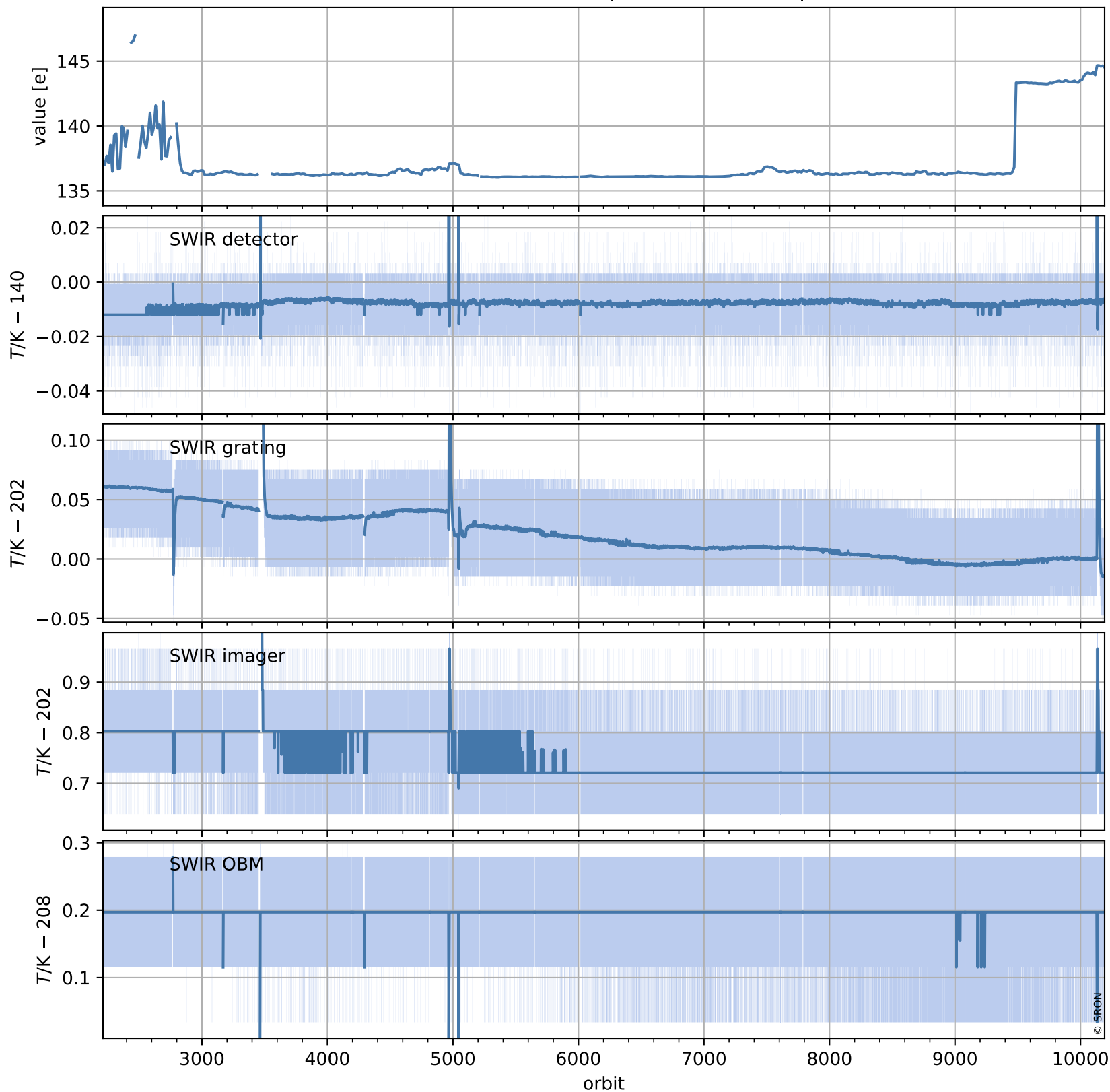
orbits : 12 in [10117, 10192]
coverage : 2019-09-25 / 2019-10-01
created : 2023-08-21T15:10:09



Tropomi SWIR background noise (swir)

orbits : [2212, 10192]
coverage : 2018-03-18 / 2019-10-01
created : 2023-08-21T15:10:09

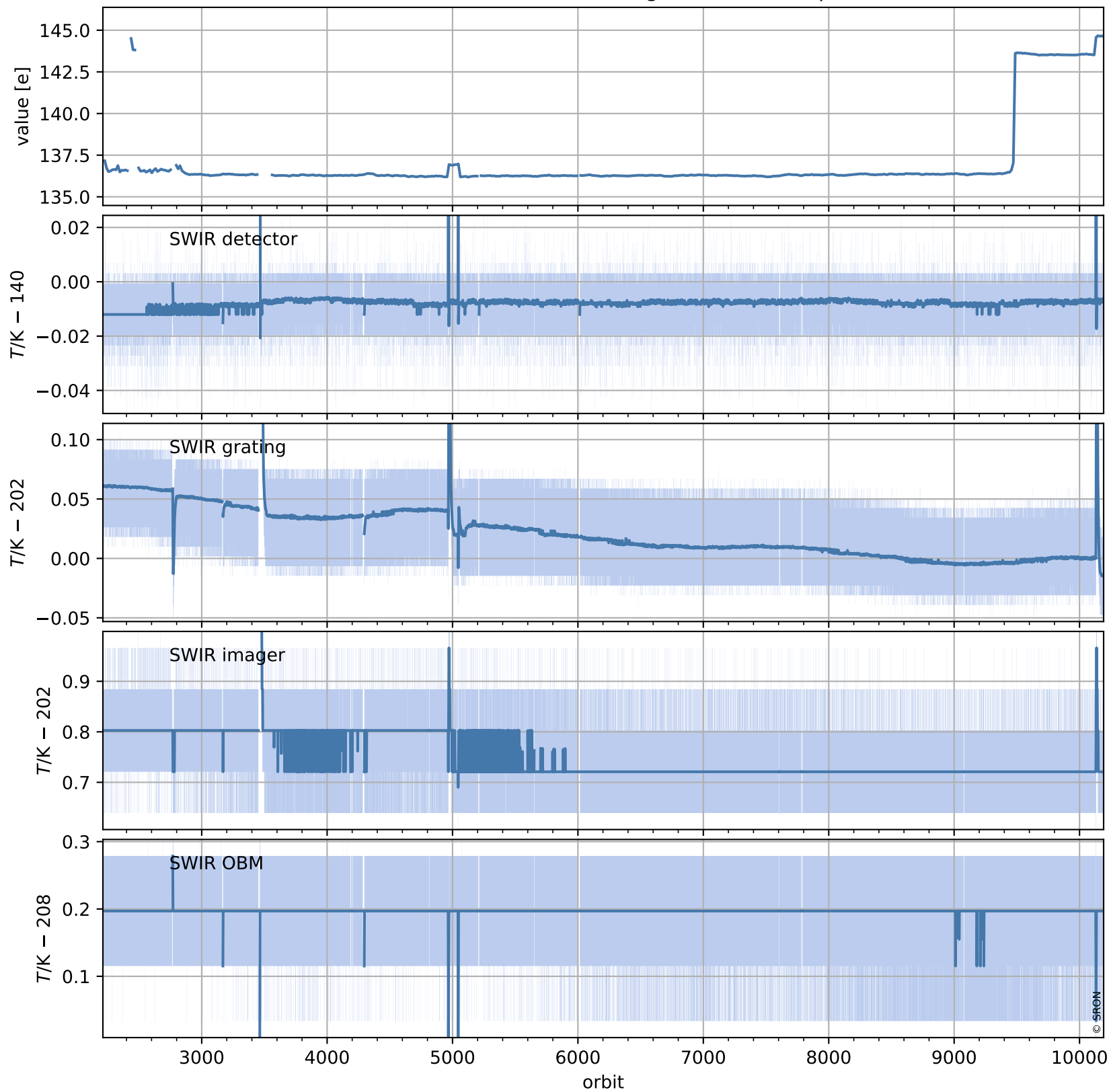
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10192]
coverage : 2018-03-18 / 2019-10-01
created : 2023-08-21T15:10:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10192]
coverage : 2018-03-18 / 2019-10-01
created : 2023-08-21T15:10:11

trend of normalized read-noise & temperatures

