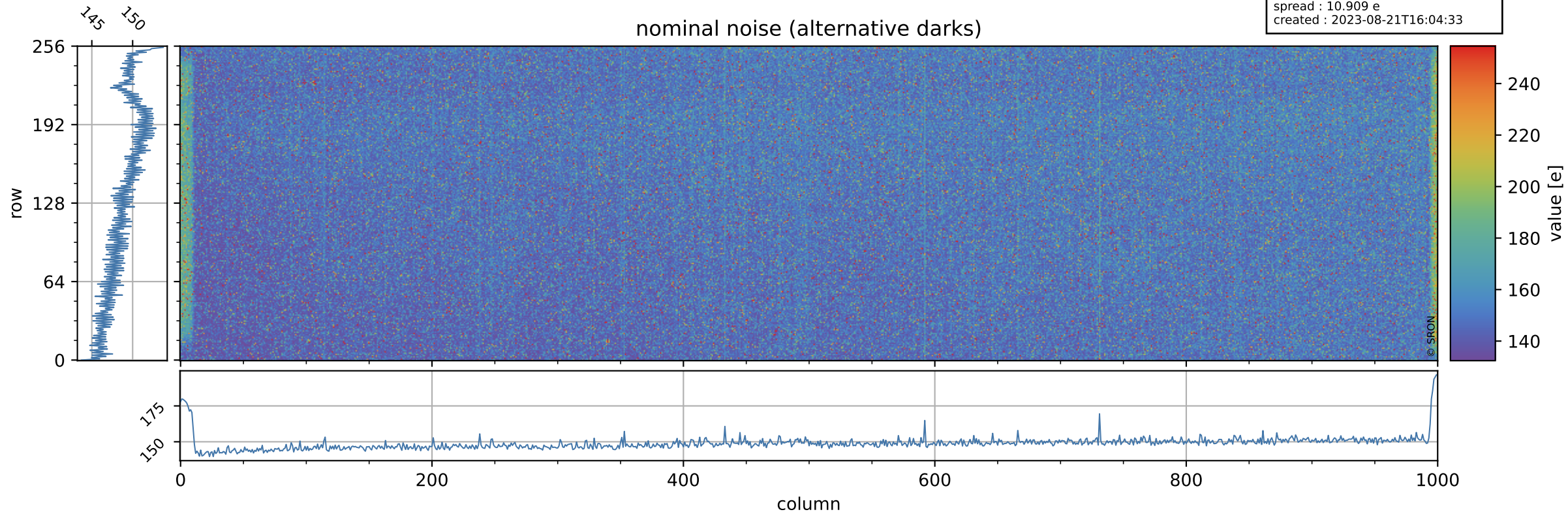


Tropomi SWIR background noise (swir)

orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.909 e
created : 2023-08-21T16:04:33

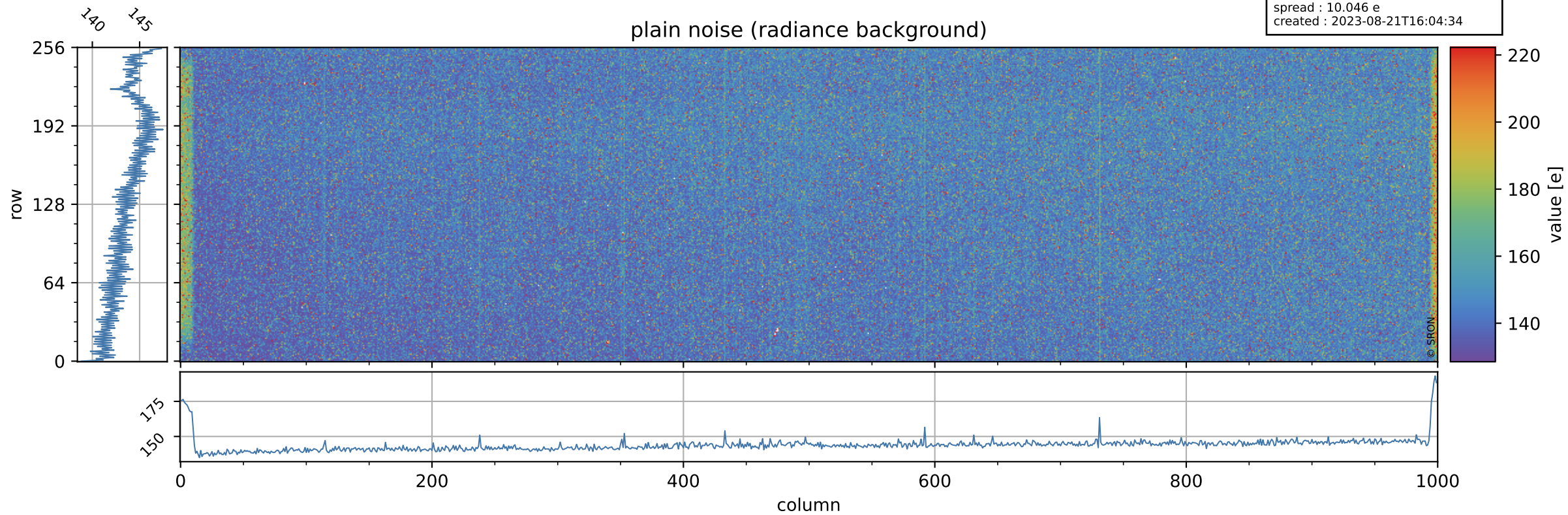
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 10.046 e
created : 2023-08-21T16:04:34

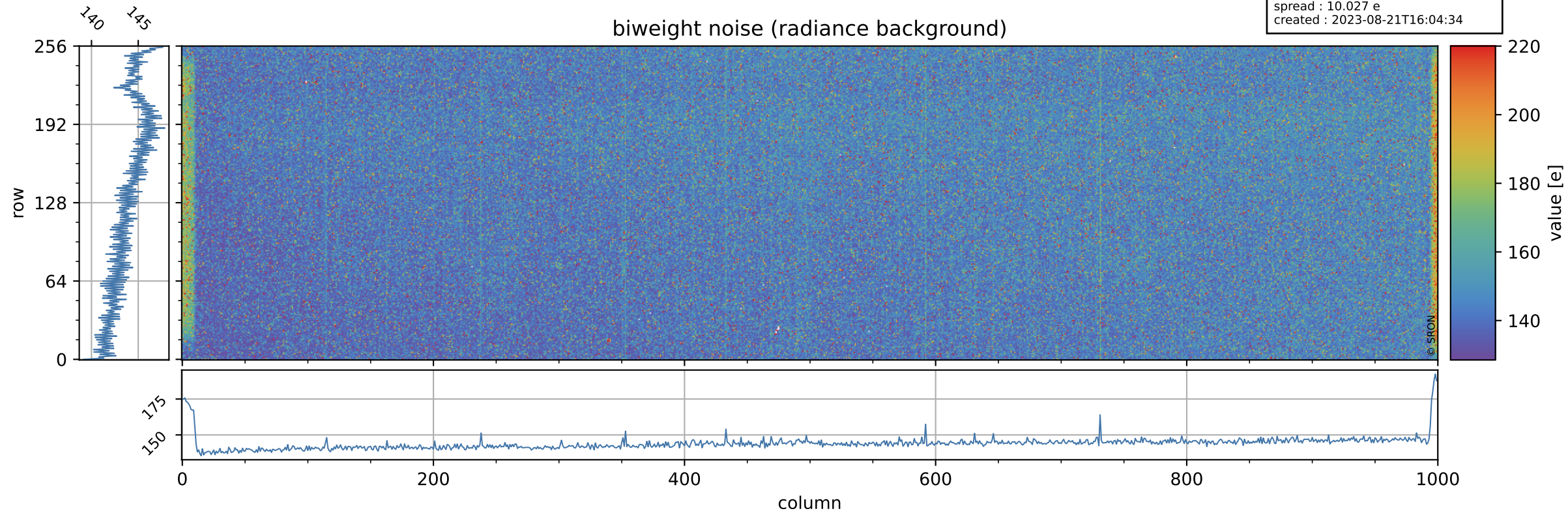
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 10.027 e
created : 2023-08-21T16:04:34

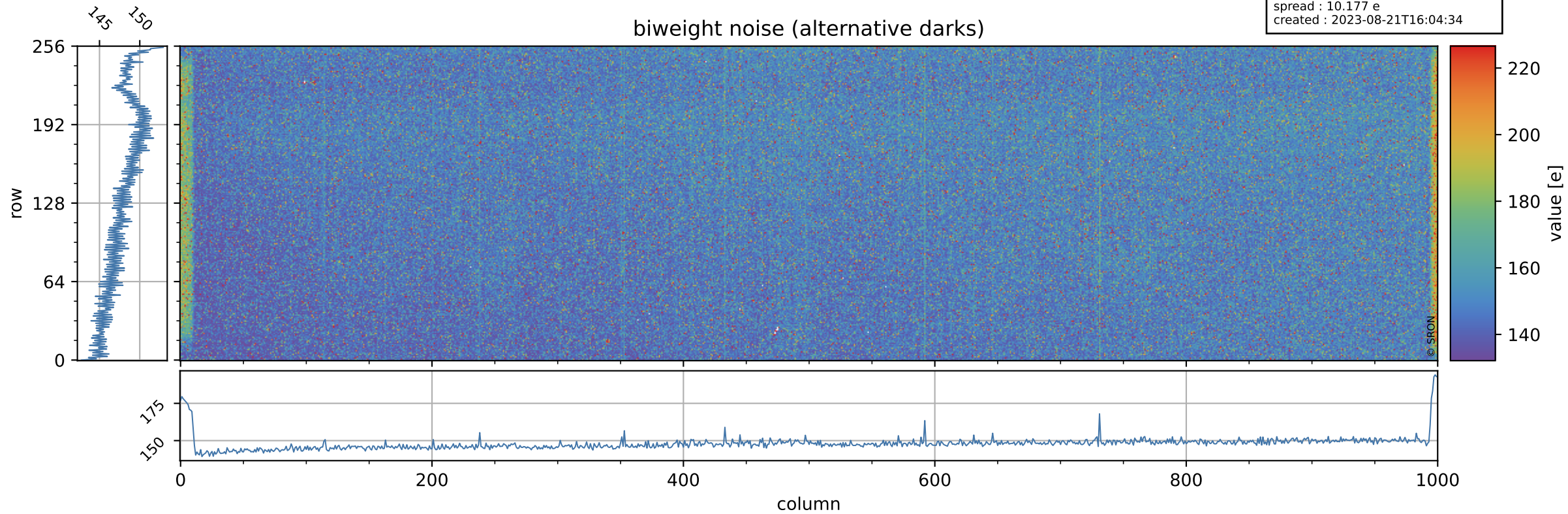
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.177 e
created : 2023-08-21T16:04:34

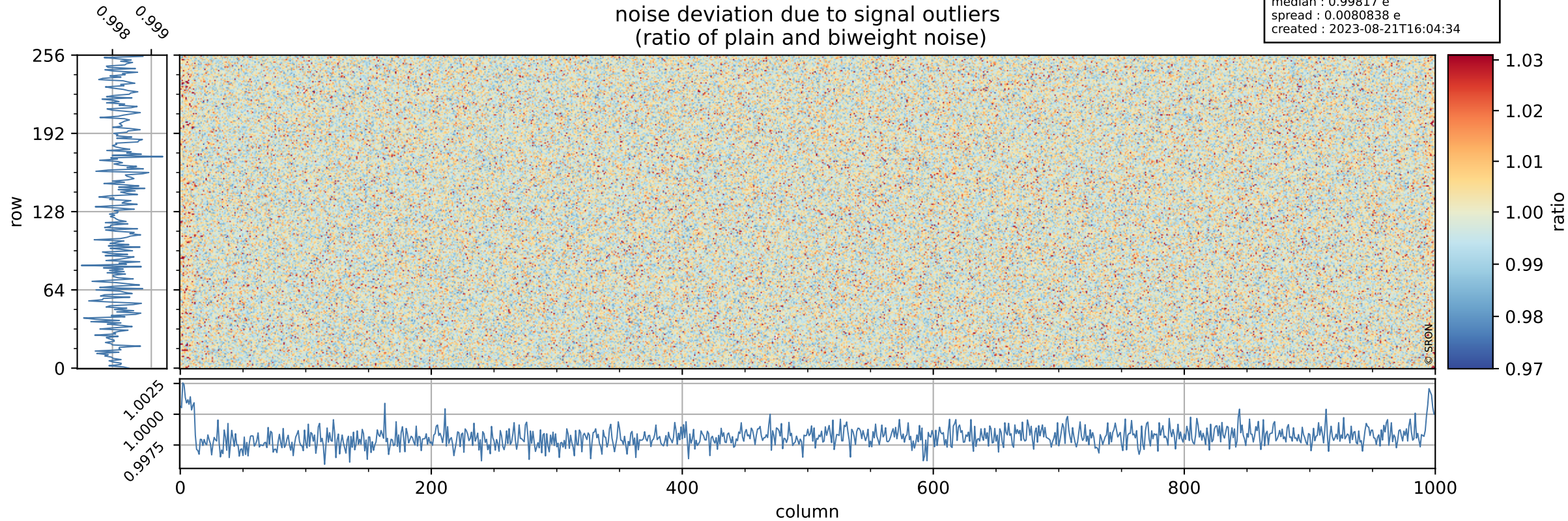
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

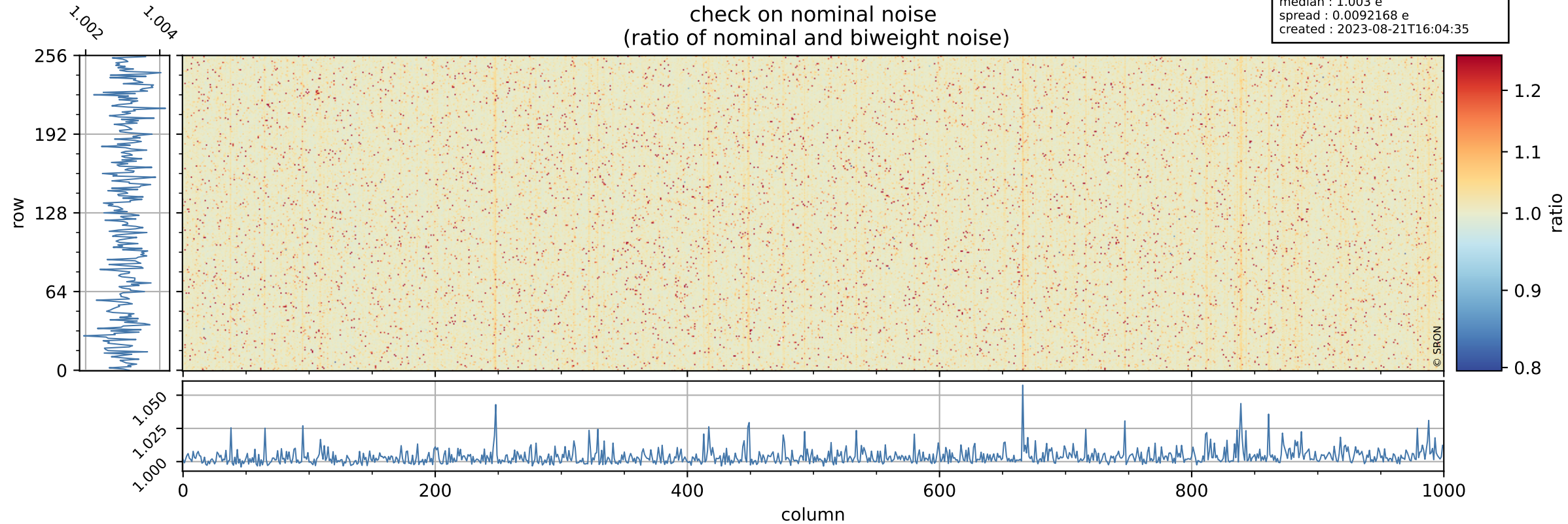
orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
median : 0.99817 e
spread : 0.0080838 e
created : 2023-08-21T16:04:34



Tropomi SWIR background noise (swir)

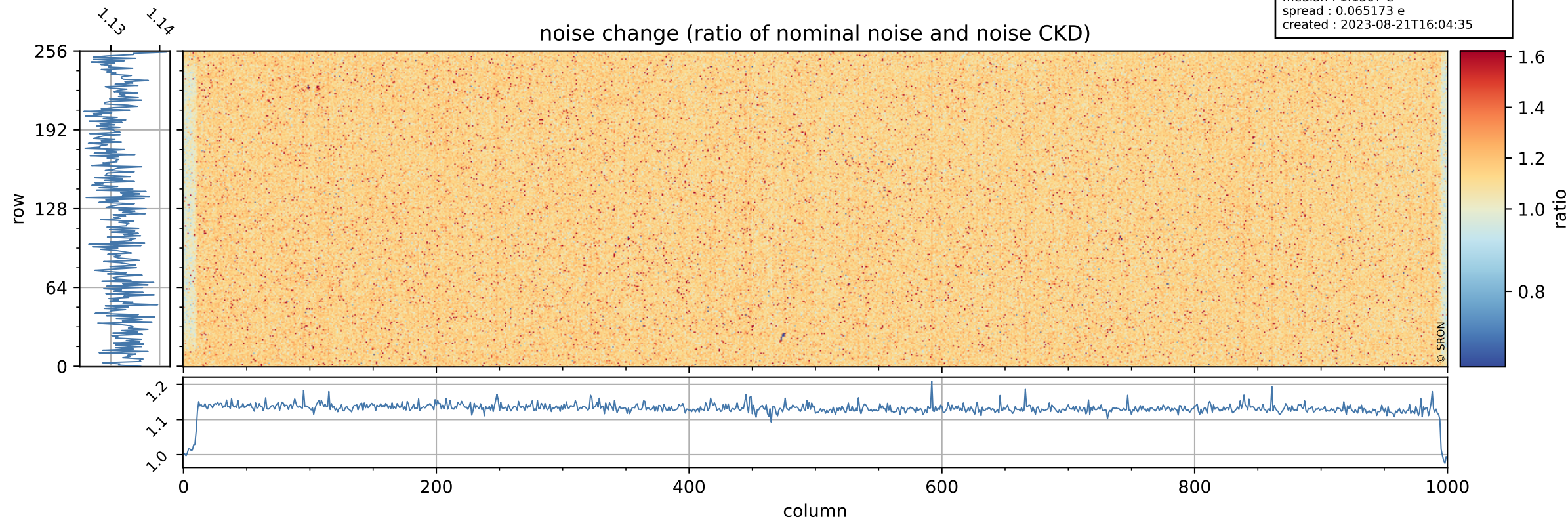
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
median : 1.003 e
spread : 0.0092168 e
created : 2023-08-21T16:04:35



Tropomi SWIR background noise (swir)

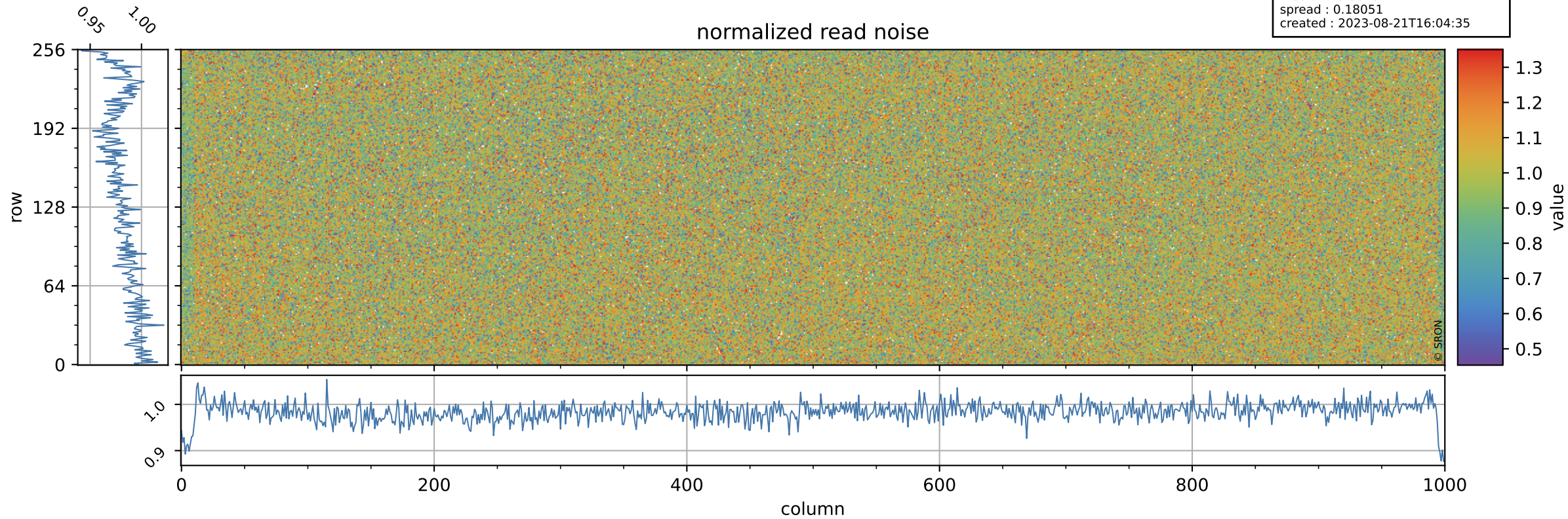
orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
median : 1.1307 e
spread : 0.065173 e
created : 2023-08-21T16:04:35



Tropomi SWIR background noise (swir)

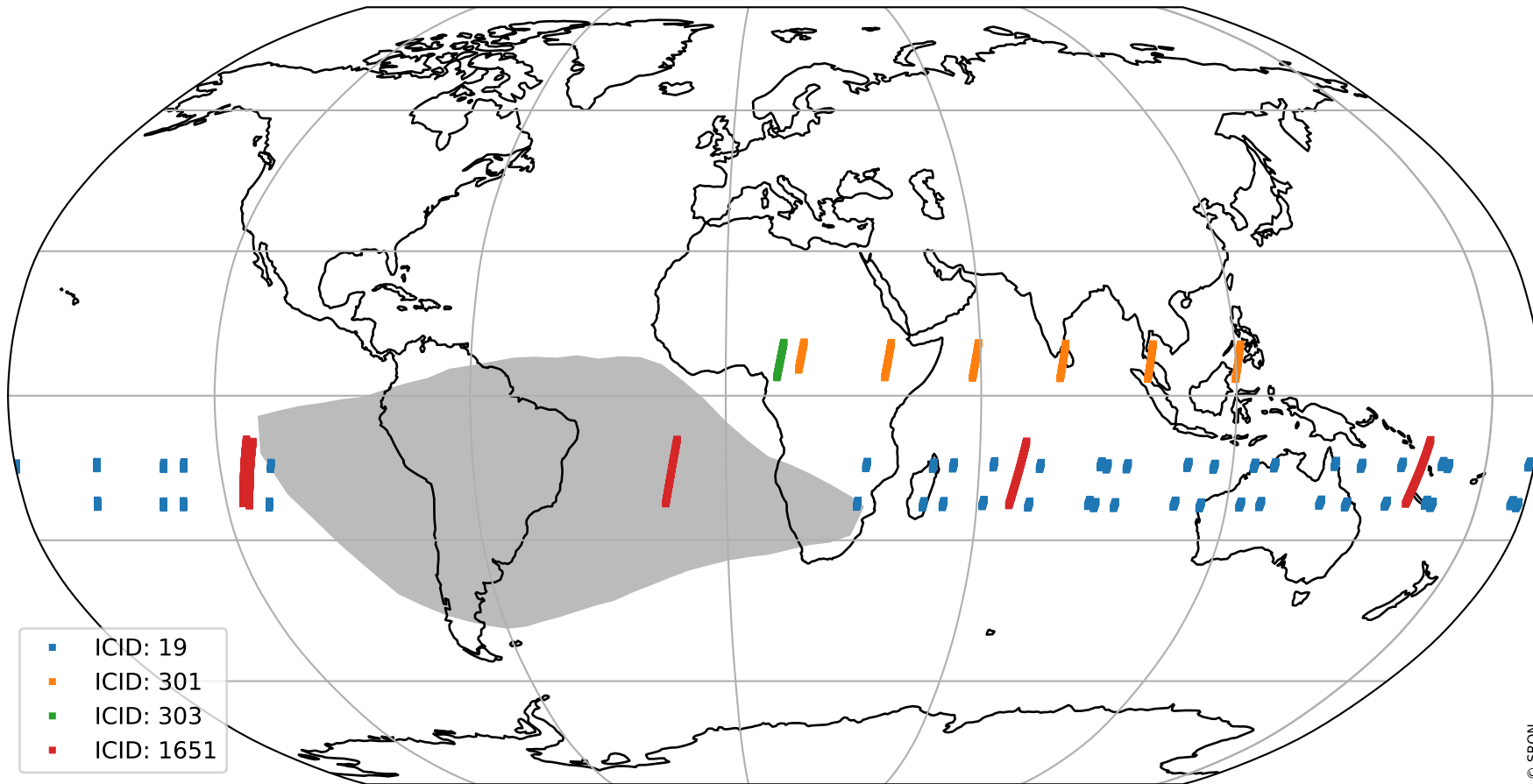
orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
median : 0.98194
spread : 0.18051
created : 2023-08-21T16:04:35

normalized read noise



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

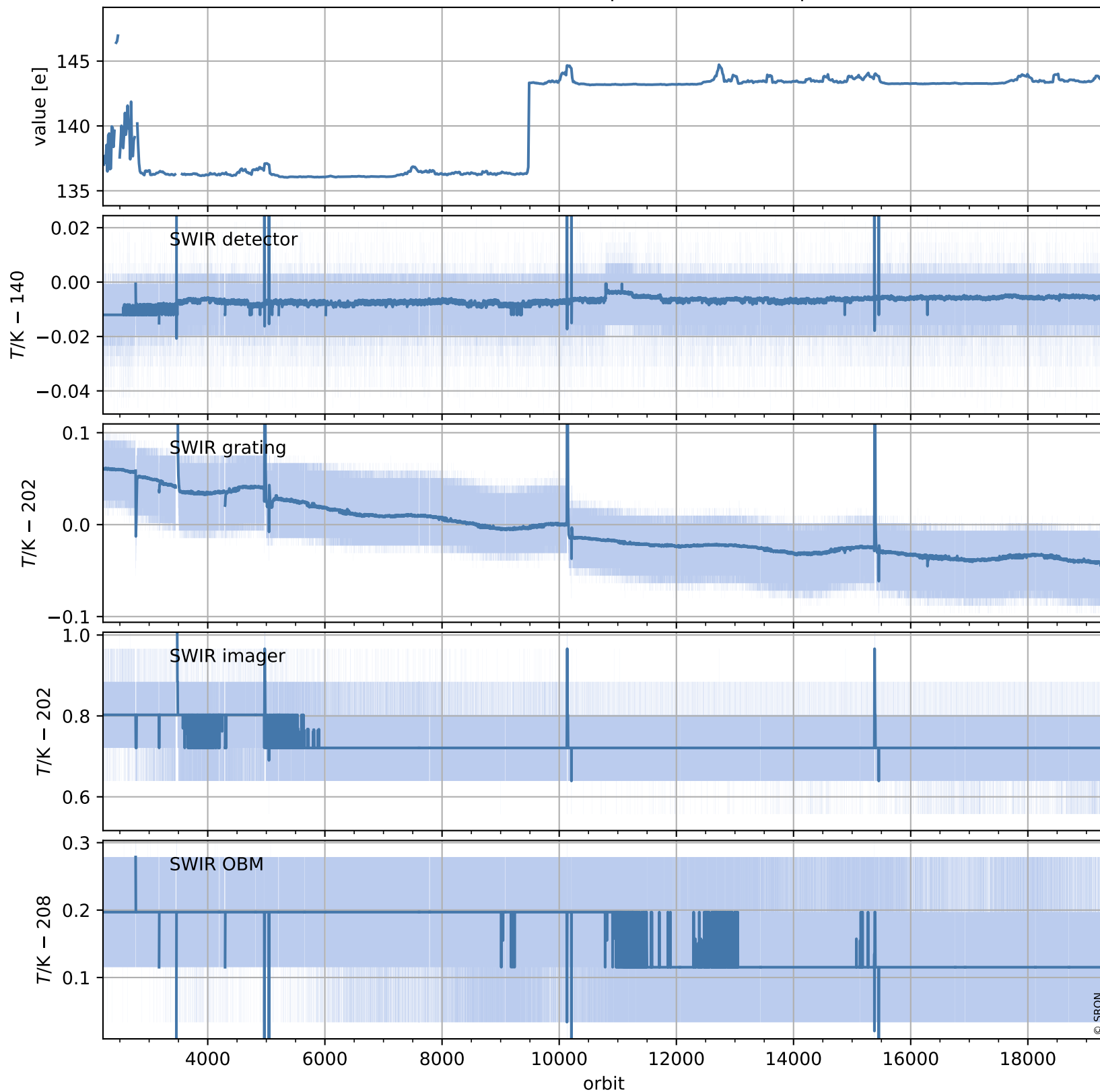
orbits : 12 in [19222, 19312]
coverage : 2021-06-29 / 2021-07-05
created : 2023-08-21T16:04:35



Tropomi SWIR background noise (swir)

orbits : [2212, 19312]
coverage : 2018-03-18 / 2021-07-05
created : 2023-08-21T16:04:36

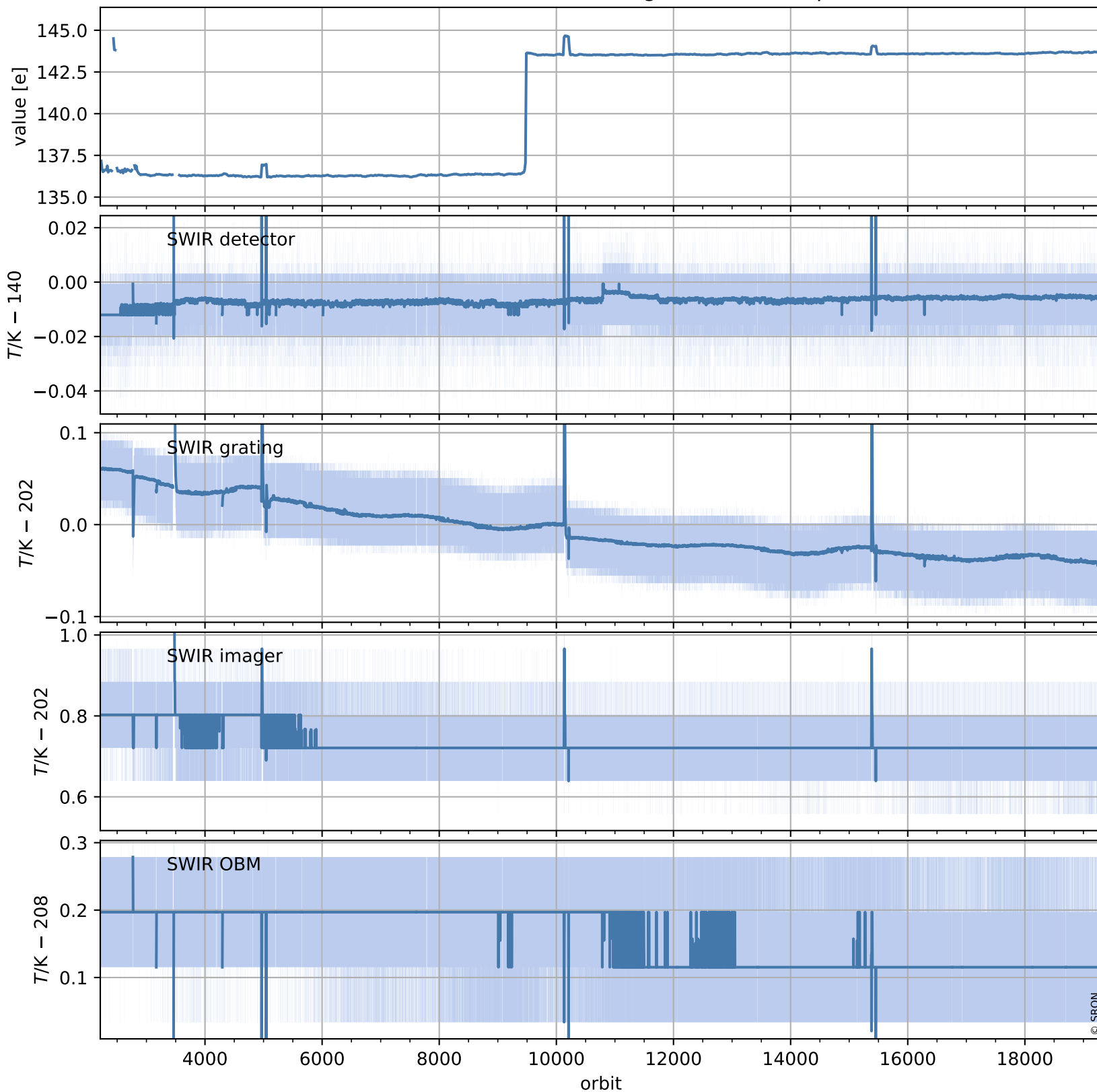
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19312]
coverage : 2018-03-18 / 2021-07-05
created : 2023-08-21T16:04:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19312]
coverage : 2018-03-18 / 2021-07-05
created : 2023-08-21T16:04:37

trend of normalized read-noise & temperatures

