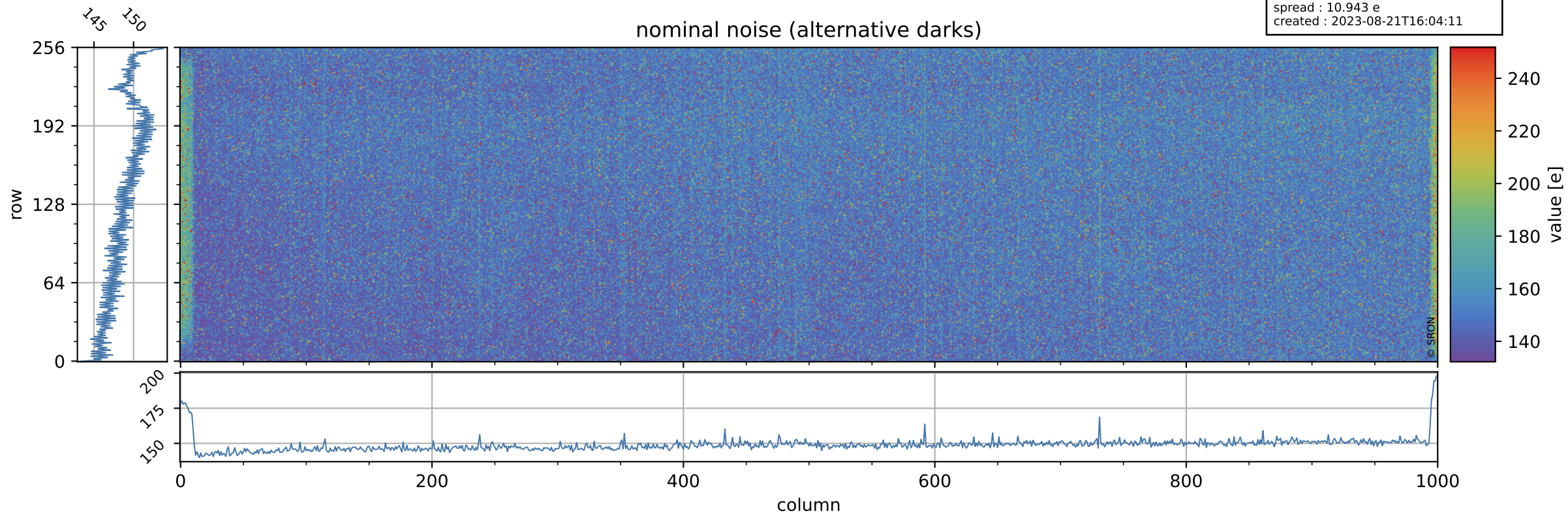


Tropomi SWIR background noise (swir)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 10.943 e
created : 2023-08-21T16:04:11

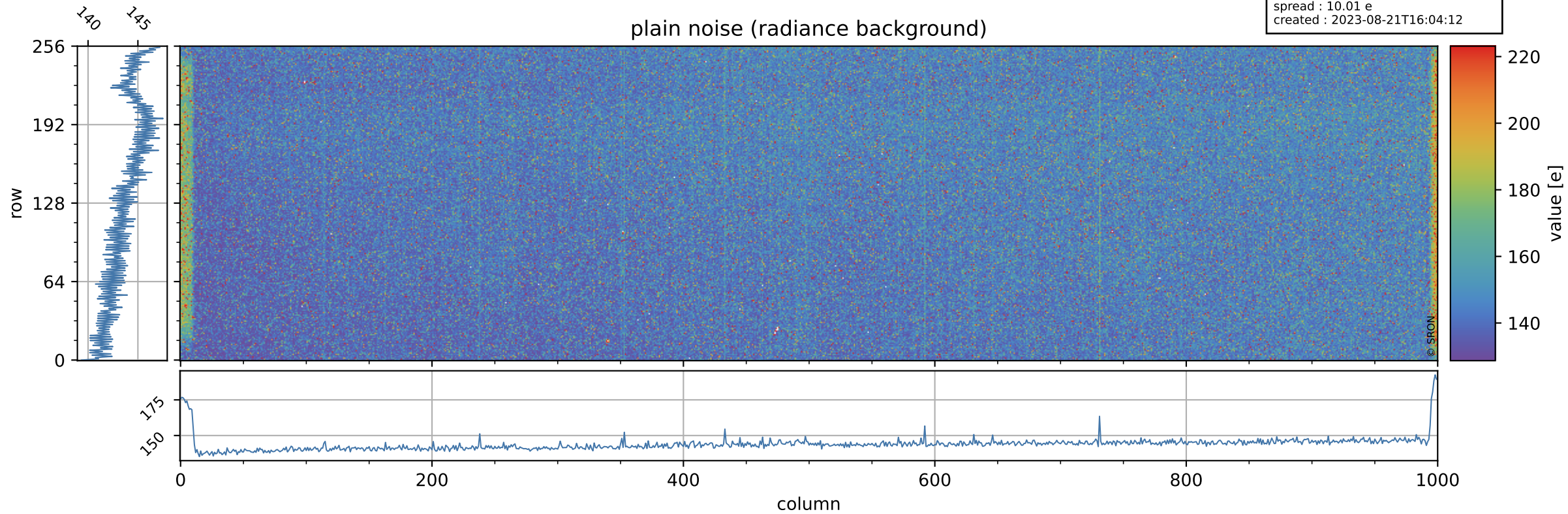
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 10.01 e
created : 2023-08-21T16:04:12

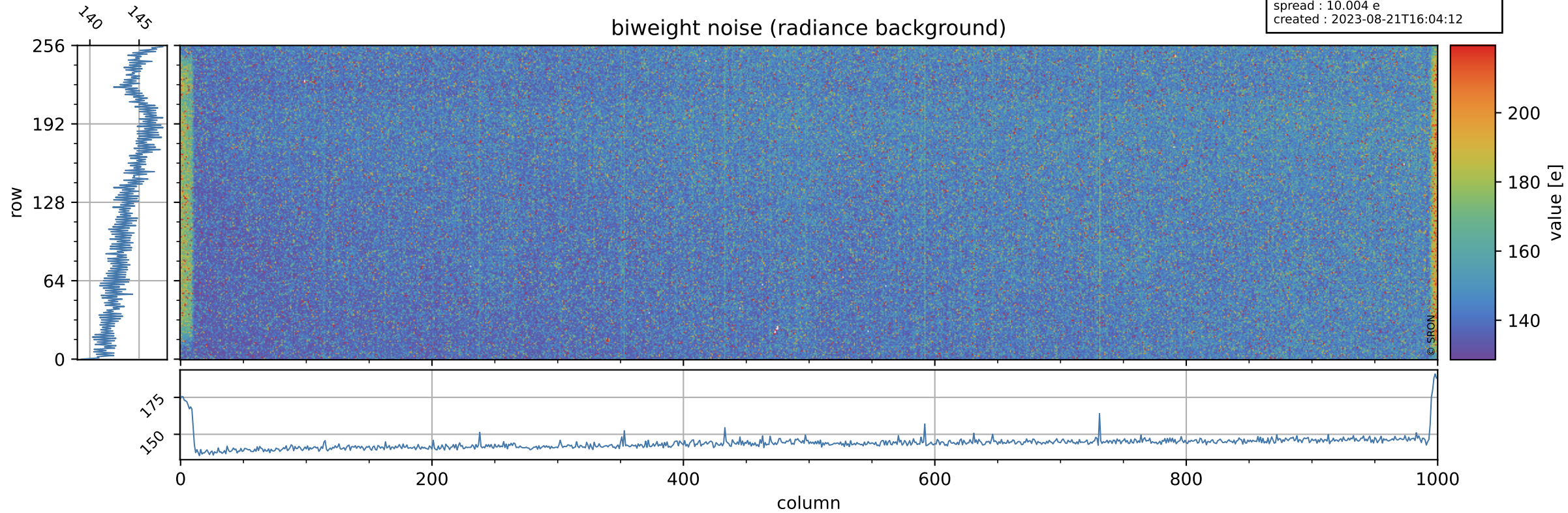
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 10.004 e
created : 2023-08-21T16:04:12

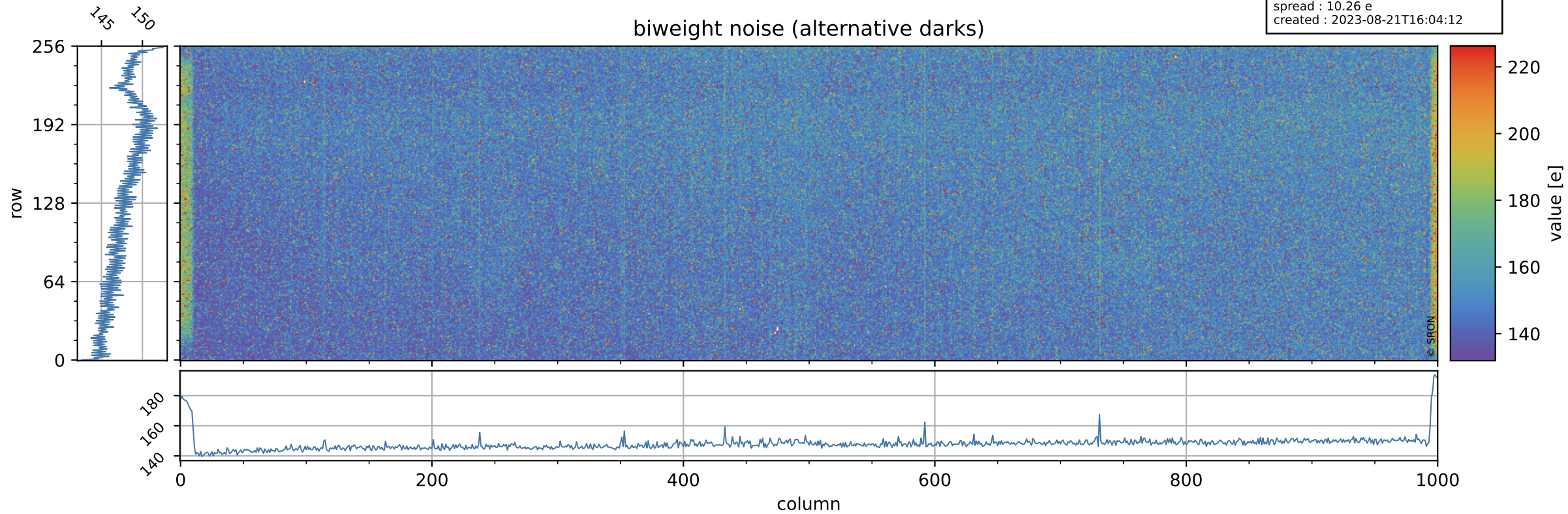
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.26 e
created : 2023-08-21T16:04:12

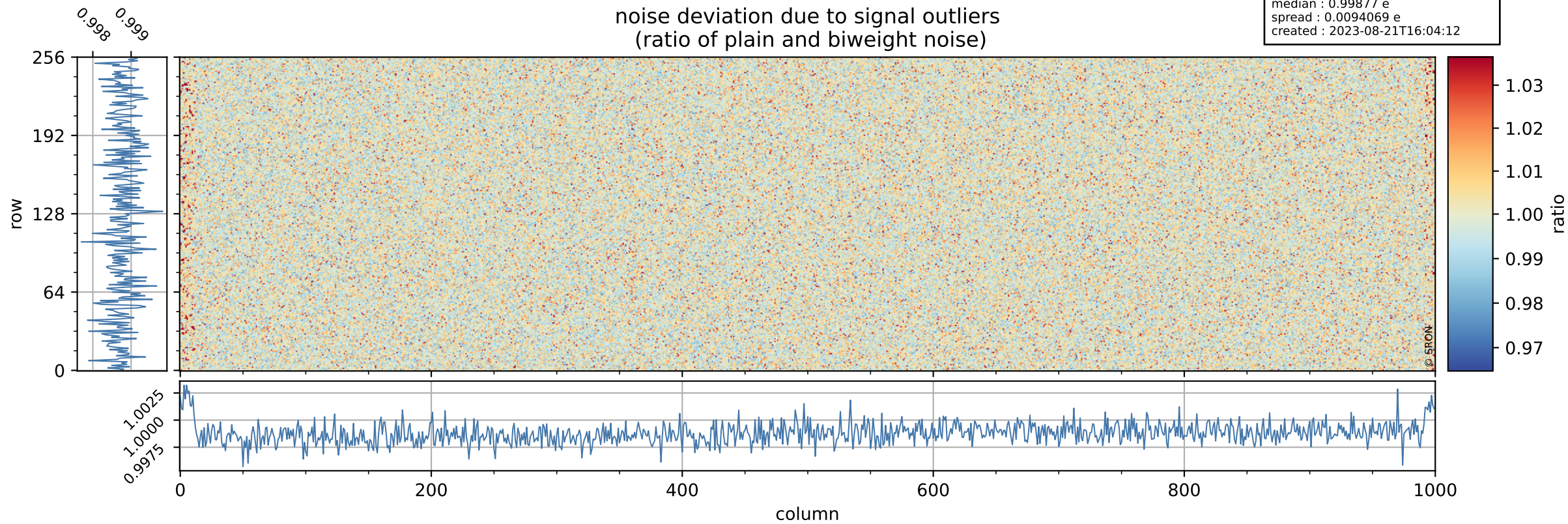
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

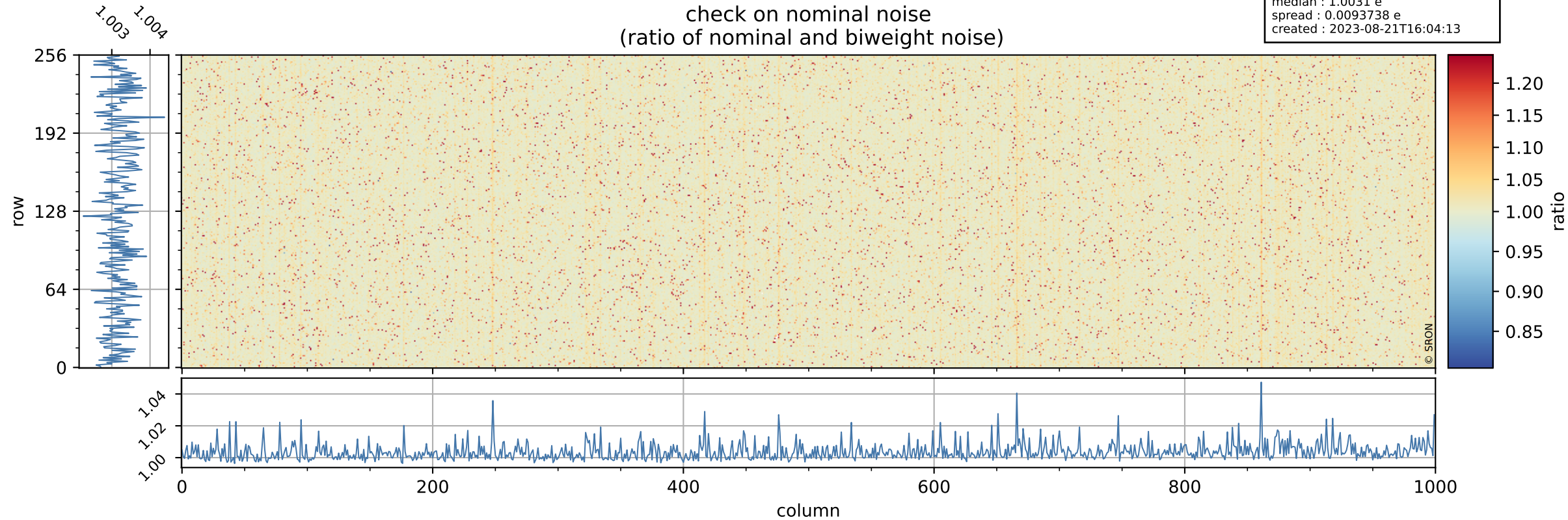
orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
median : 0.99877 e
spread : 0.0094069 e
created : 2023-08-21T16:04:12



Tropomi SWIR background noise (swir)

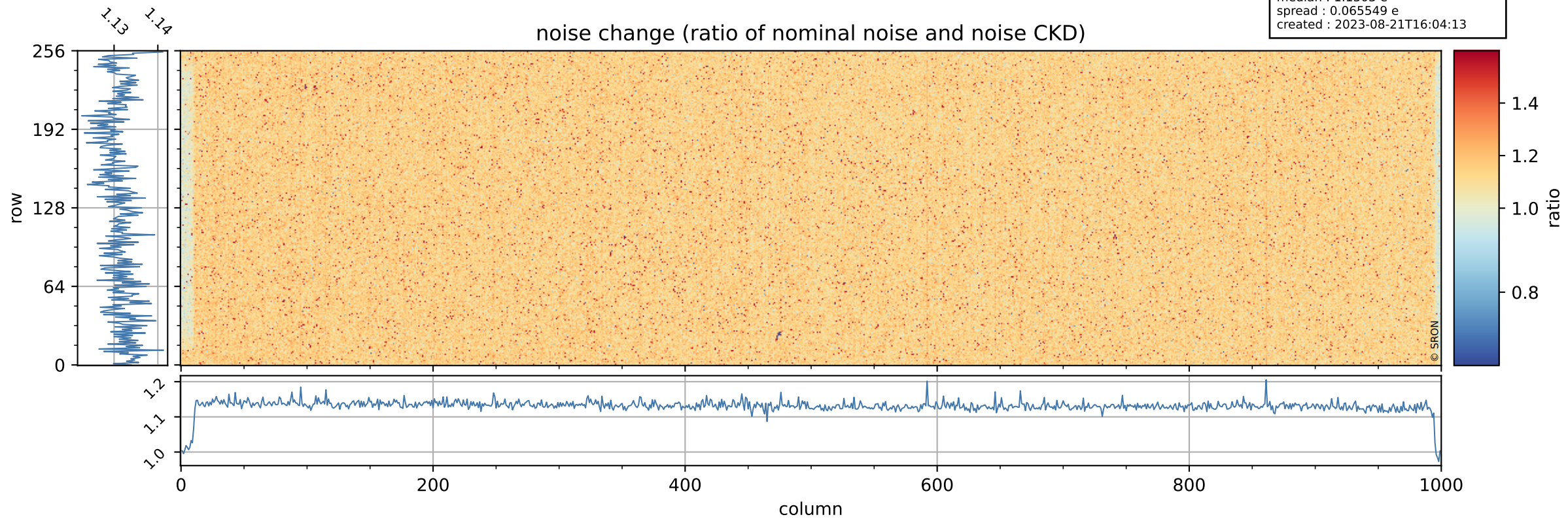
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
median : 1.0031 e
spread : 0.0093738 e
created : 2023-08-21T16:04:13



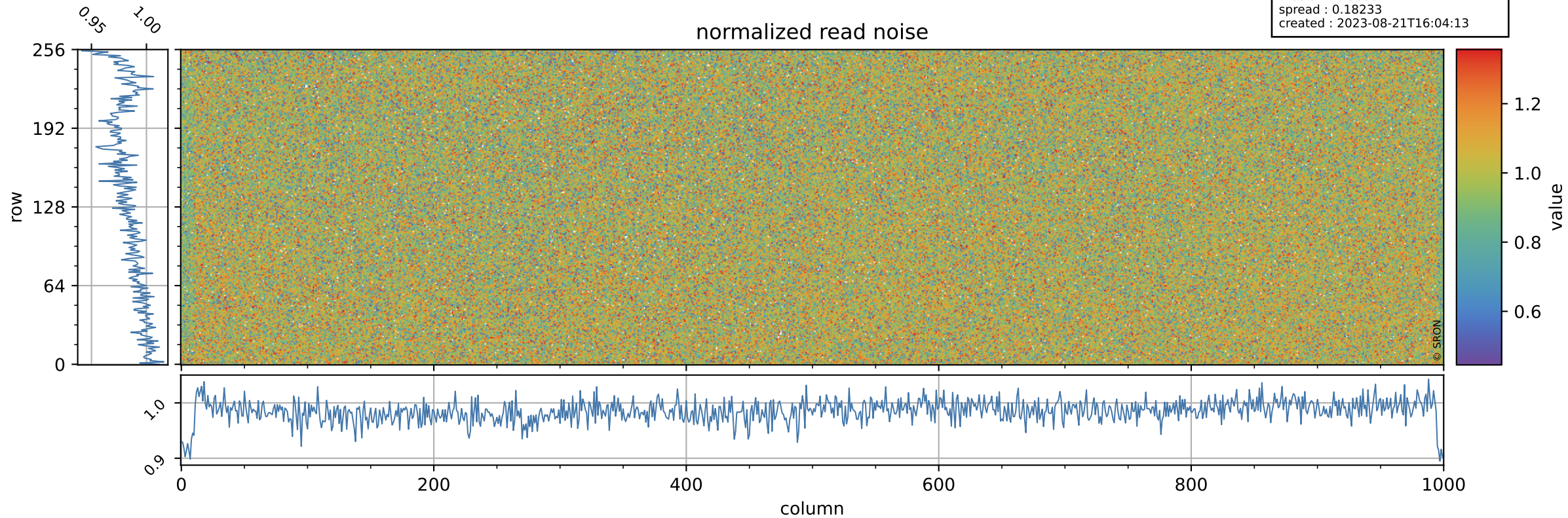
Tropomi SWIR background noise (swir)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
median : 1.1303 e
spread : 0.065549 e
created : 2023-08-21T16:04:13



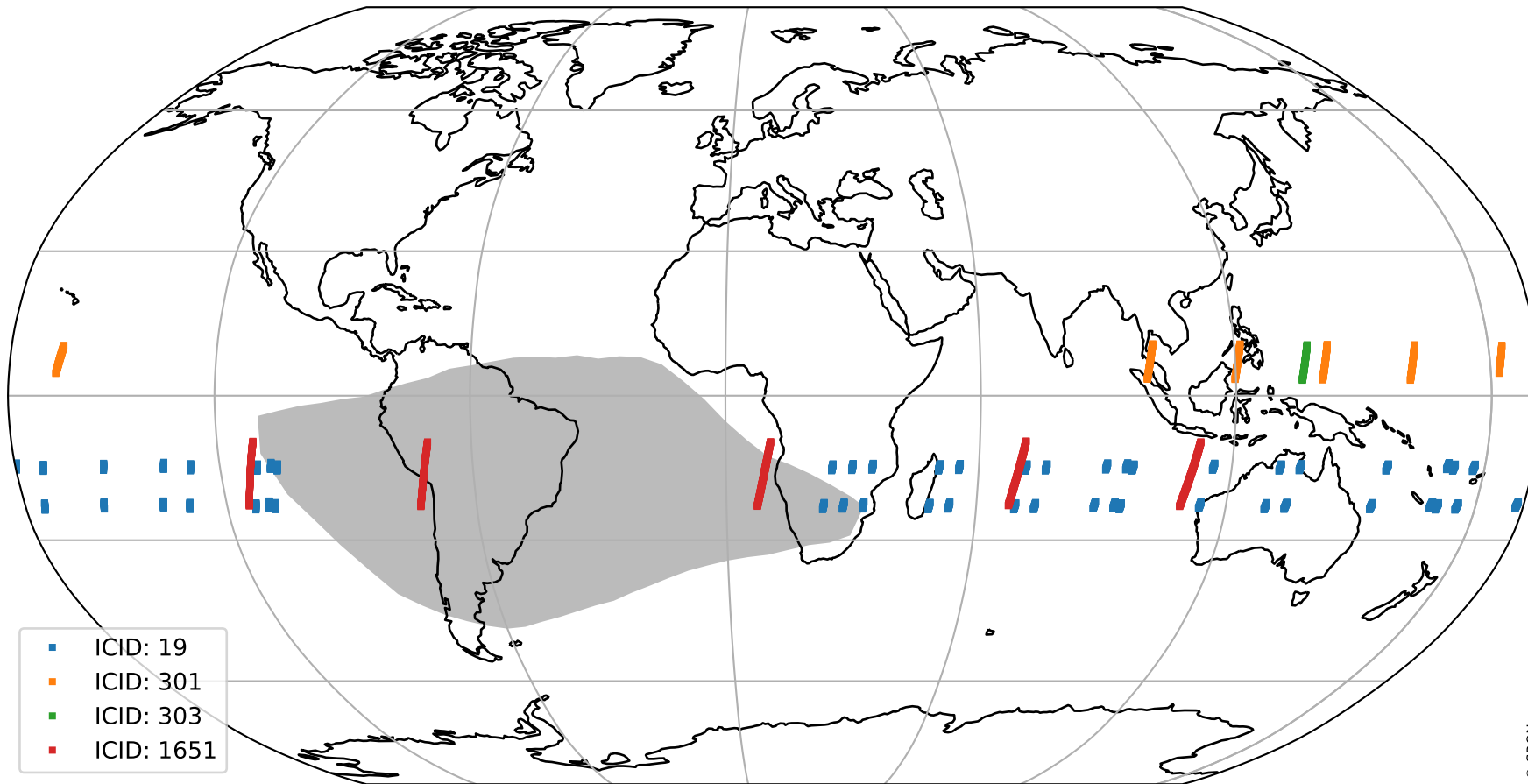
Tropomi SWIR background noise (swir)

orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
median : 0.98354
spread : 0.18233
created : 2023-08-21T16:04:13



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

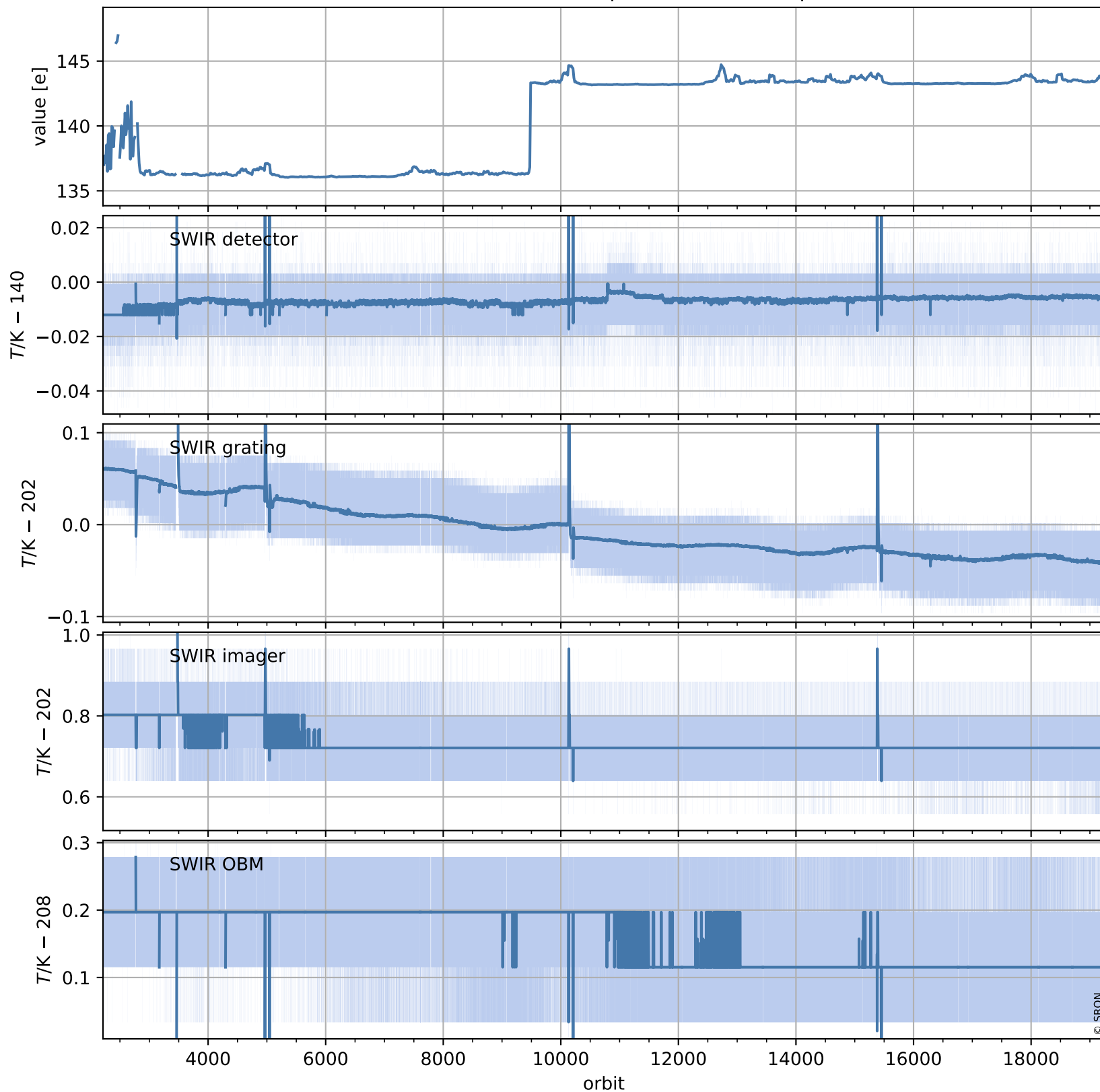
orbits : 12 in [19162, 19252]
coverage : 2021-06-25 / 2021-06-30
created : 2023-08-21T16:04:14



Tropomi SWIR background noise (swir)

orbits : [2212, 19252]
coverage : 2018-03-18 / 2021-06-30
created : 2023-08-21T16:04:14

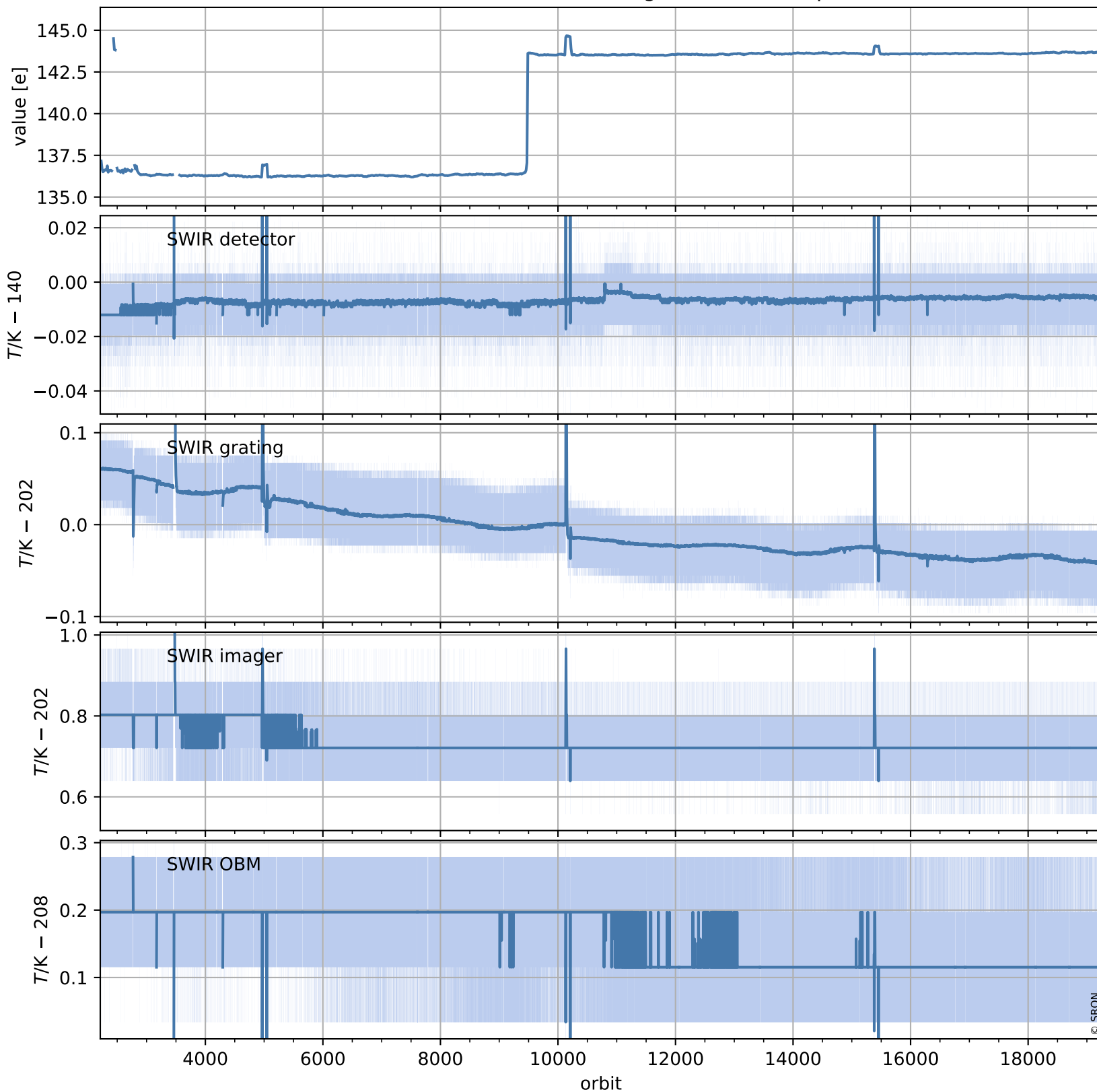
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19252]
coverage : 2018-03-18 / 2021-06-30
created : 2023-08-21T16:04:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19252]
coverage : 2018-03-18 / 2021-06-30
created : 2023-08-21T16:04:16

trend of normalized read-noise & temperatures

