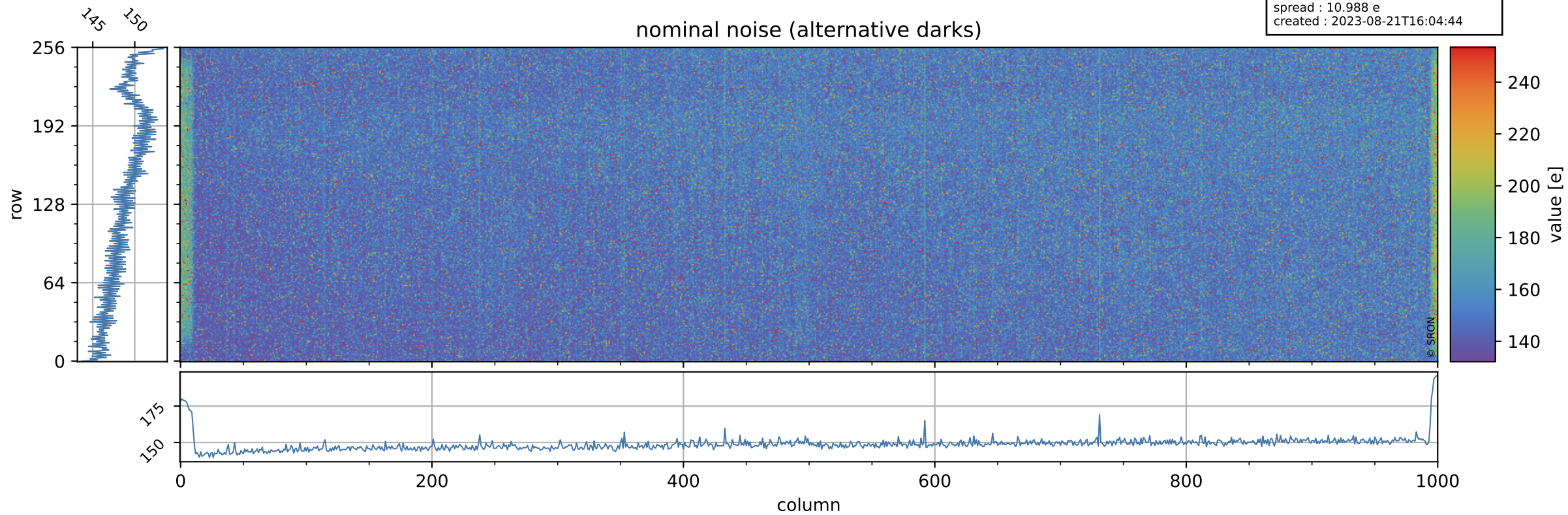


Tropomi SWIR background noise (swir)

orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.988 e
created : 2023-08-21T16:04:44

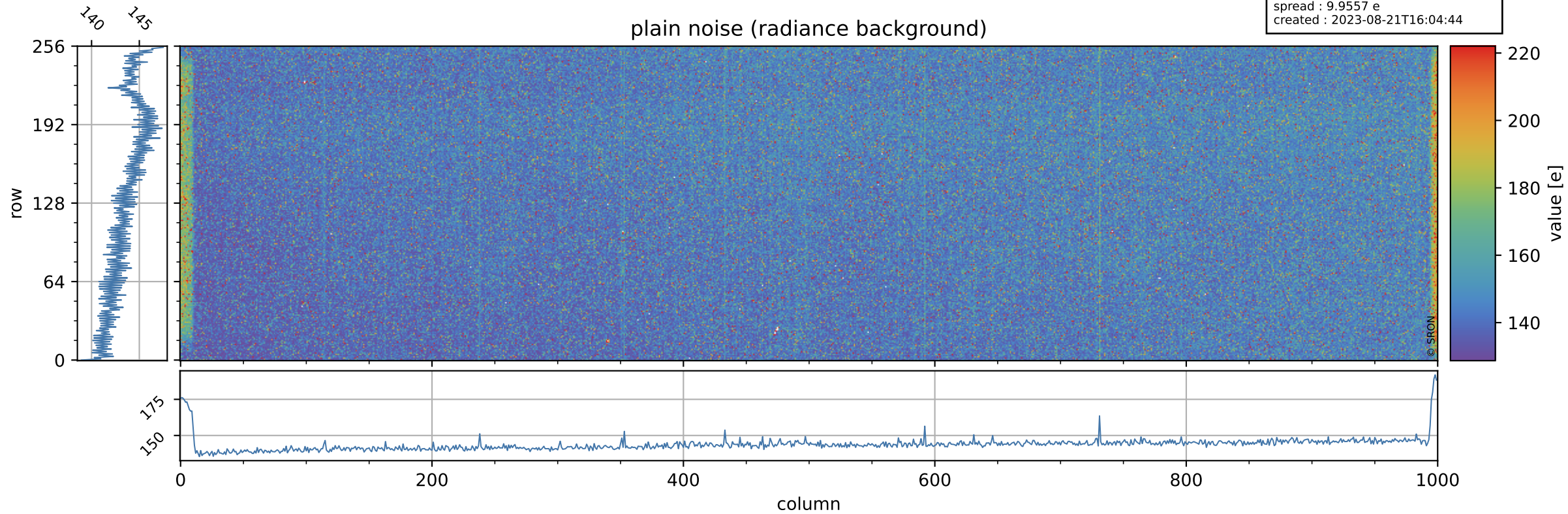
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9557 e
created : 2023-08-21T16:04:44

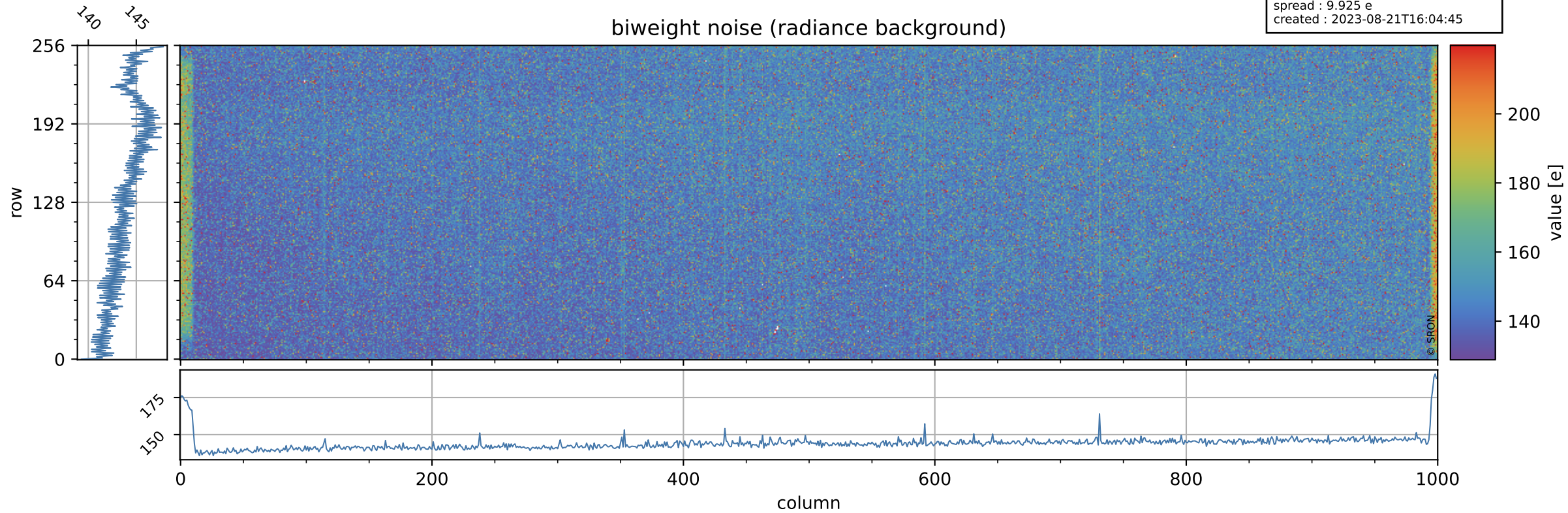
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.925 e
created : 2023-08-21T16:04:45

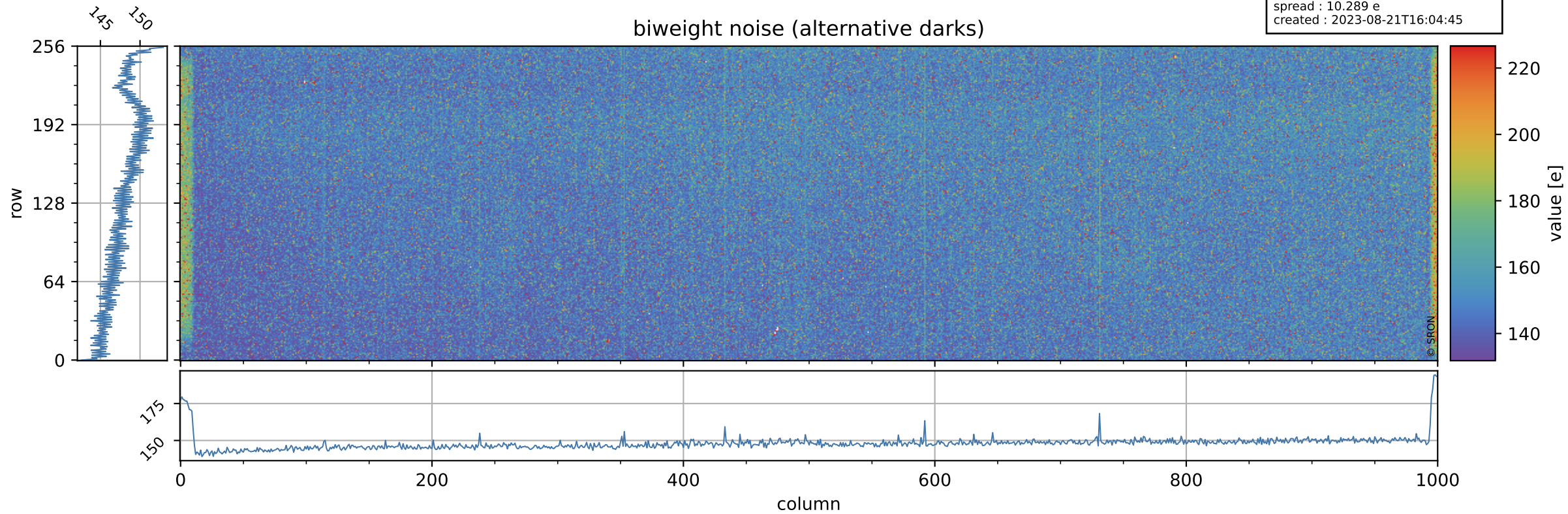
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.289 e
created : 2023-08-21T16:04:45

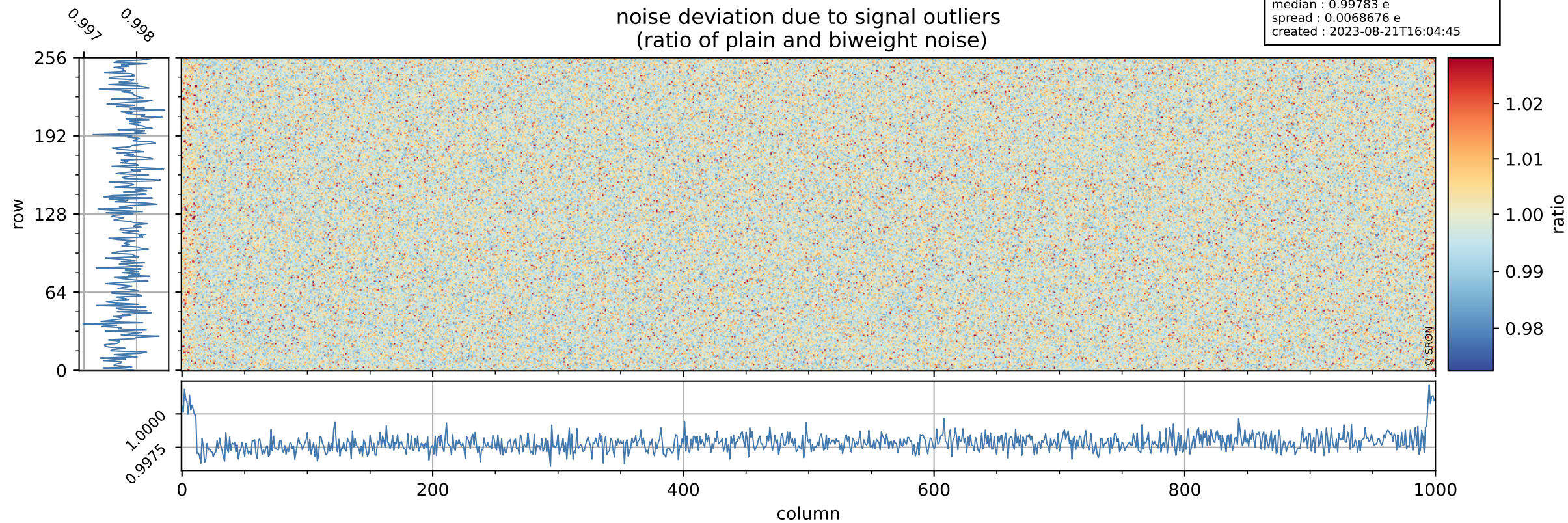
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

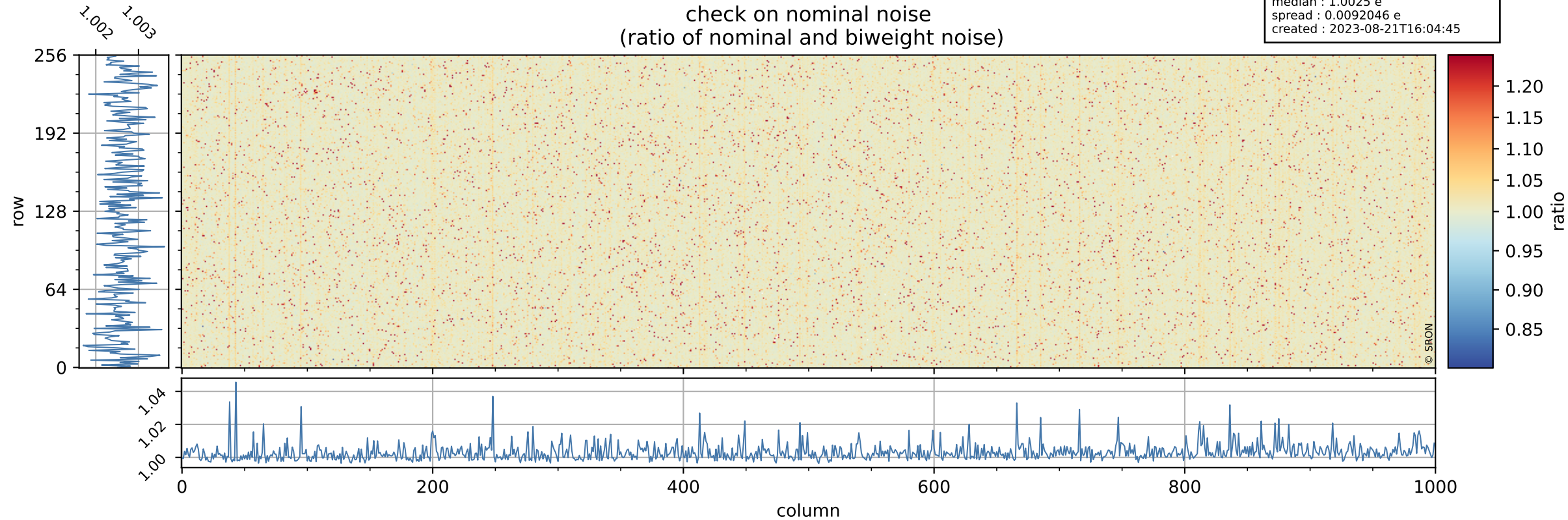
orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
median : 0.99783 e
spread : 0.0068676 e
created : 2023-08-21T16:04:45



Tropomi SWIR background noise (swir)

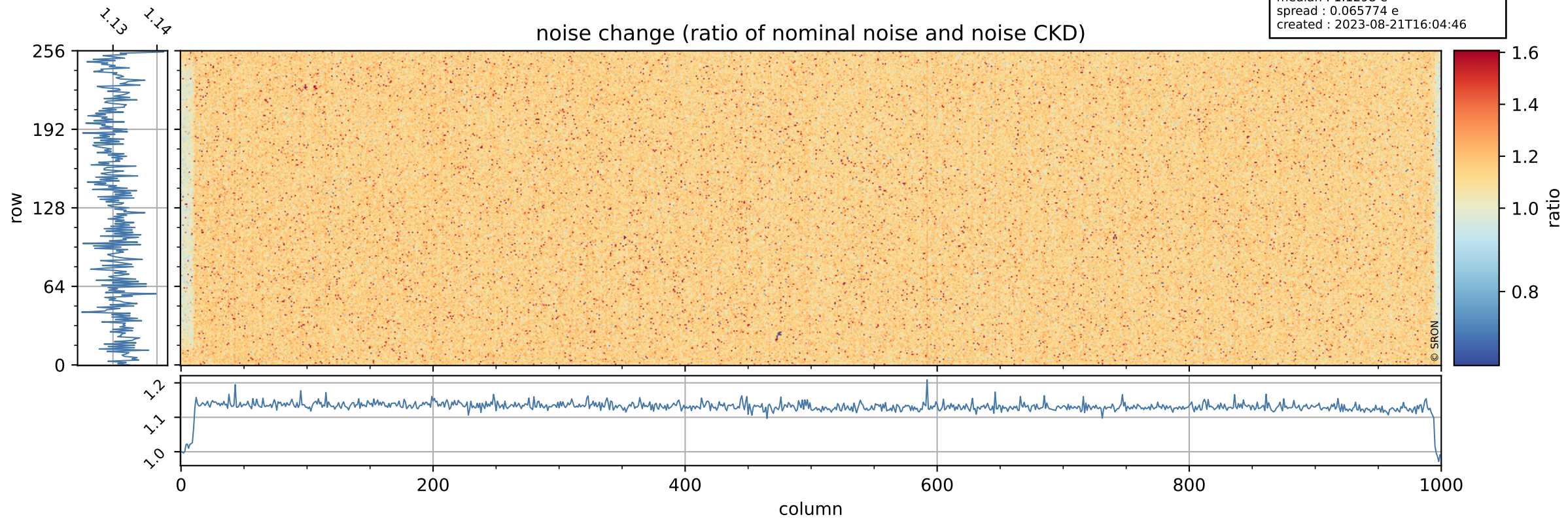
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
median : 1.0025 e
spread : 0.0092046 e
created : 2023-08-21T16:04:45



Tropomi SWIR background noise (swir)

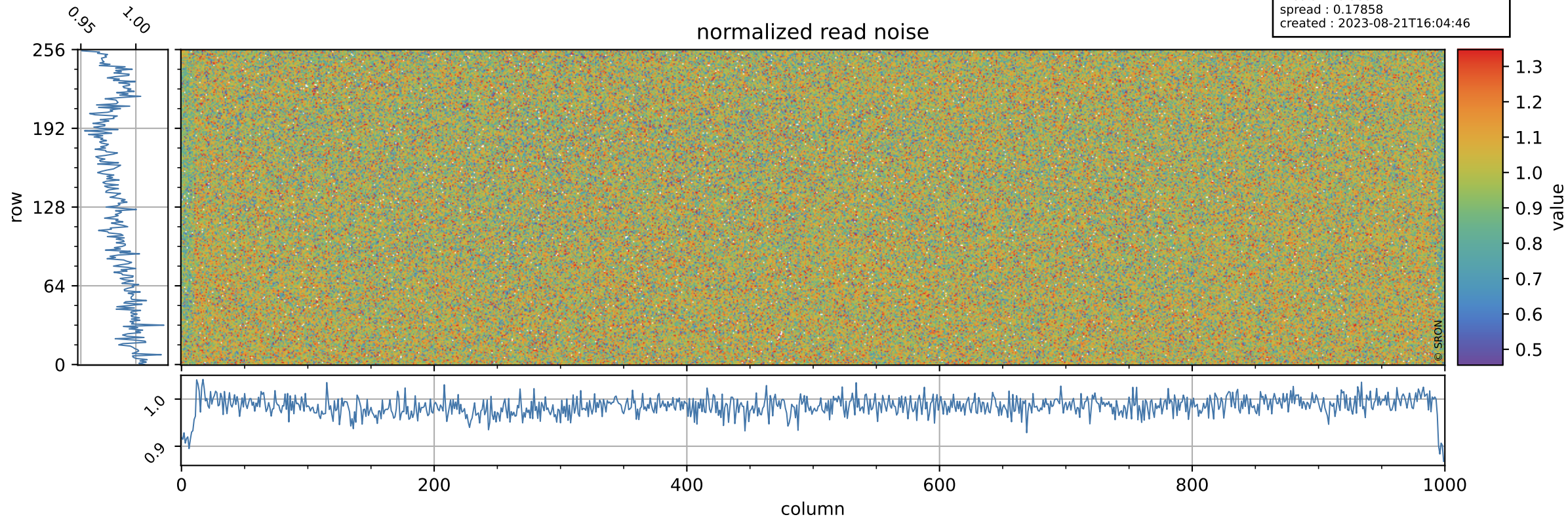
orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
median : 1.1298 e
spread : 0.065774 e
created : 2023-08-21T16:04:46



Tropomi SWIR background noise (swir)

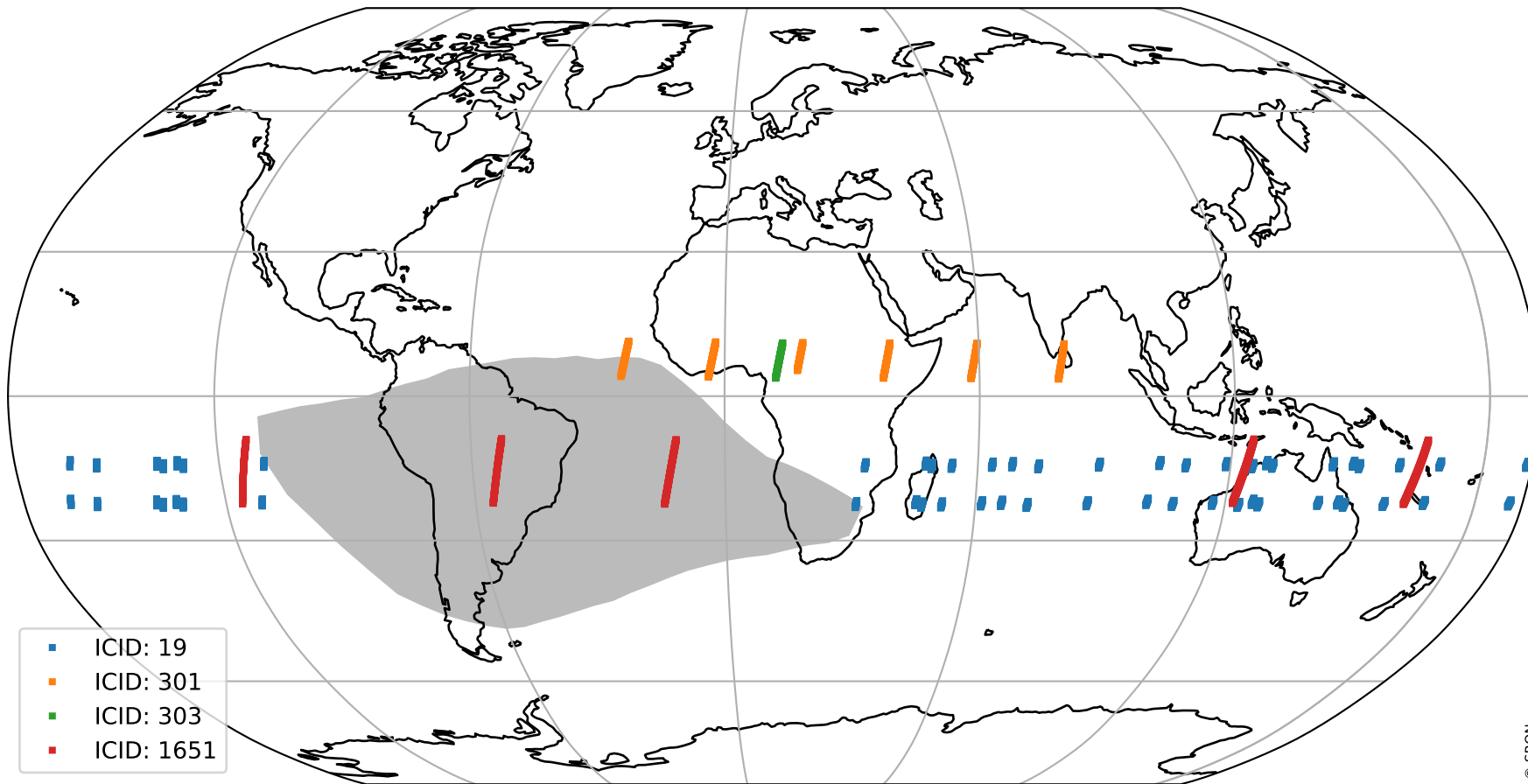
orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
median : 0.98311
spread : 0.17858
created : 2023-08-21T16:04:46

normalized read noise



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

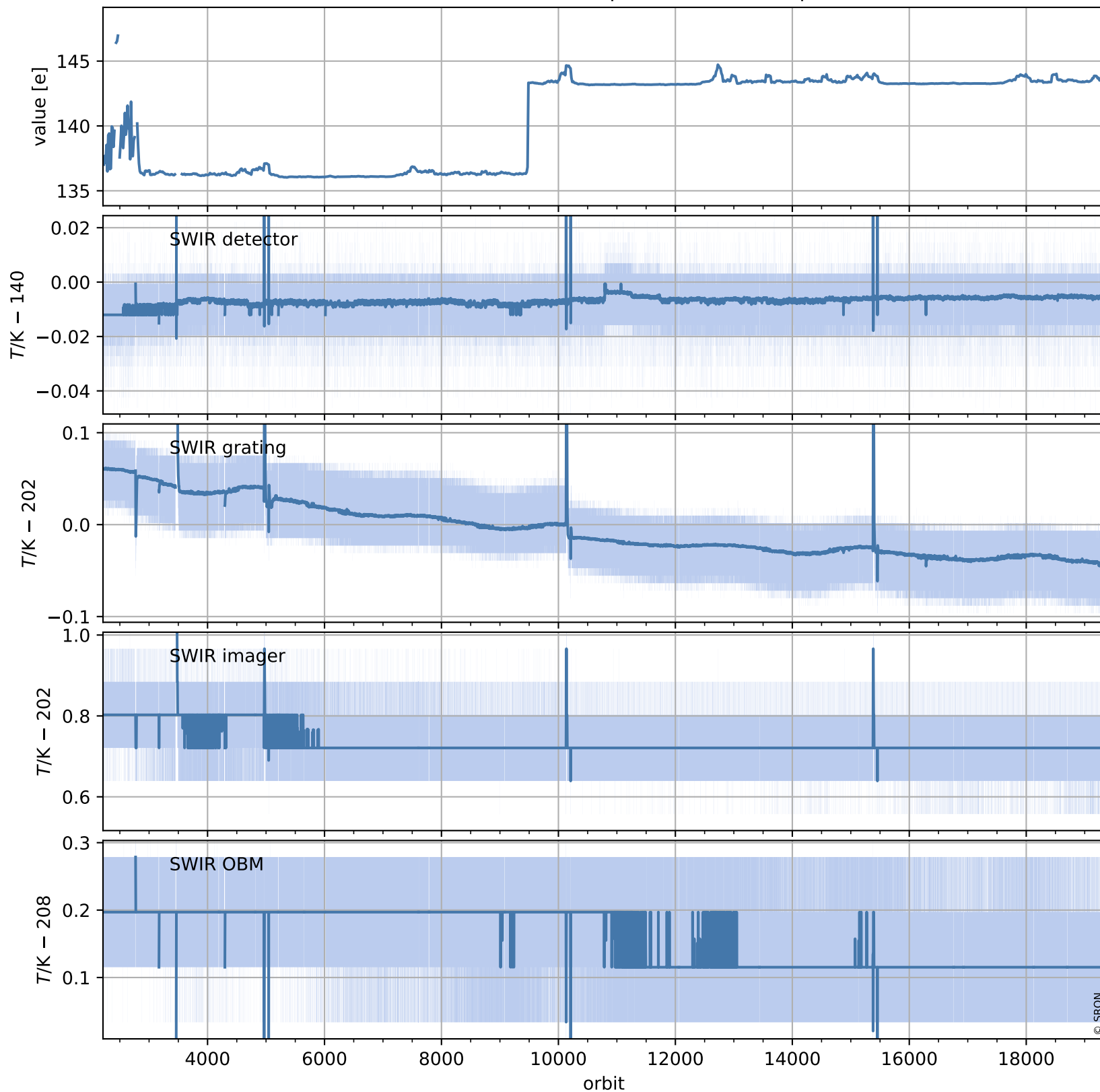
orbits : 12 in [19252, 19342]
coverage : 2021-07-01 / 2021-07-07
created : 2023-08-21T16:04:46



Tropomi SWIR background noise (swir)

orbits : [2212, 19342]
coverage : 2018-03-18 / 2021-07-07
created : 2023-08-21T16:04:47

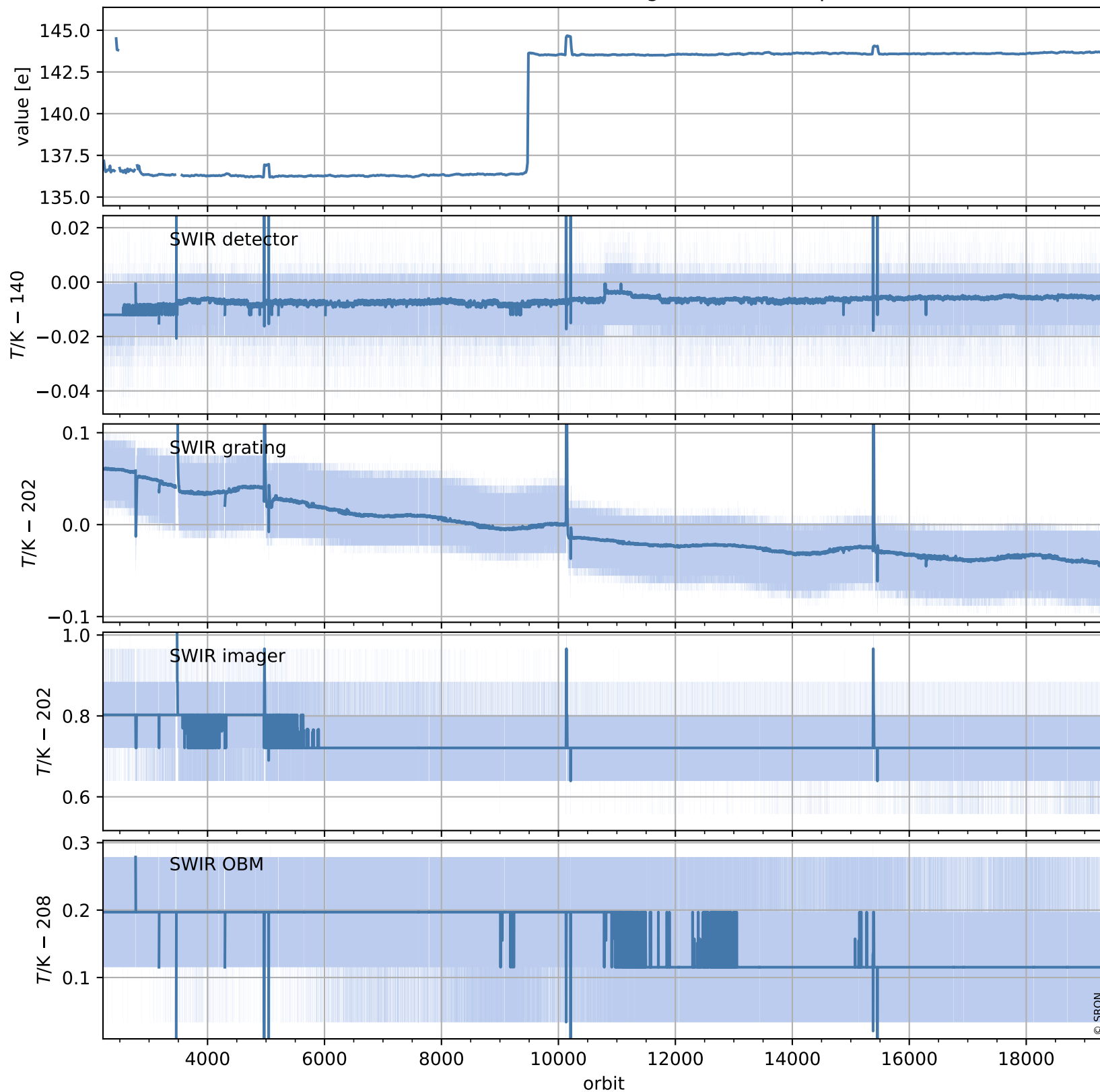
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19342]
coverage : 2018-03-18 / 2021-07-07
created : 2023-08-21T16:04:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19342]
coverage : 2018-03-18 / 2021-07-07
created : 2023-08-21T16:04:48

trend of normalized read-noise & temperatures

