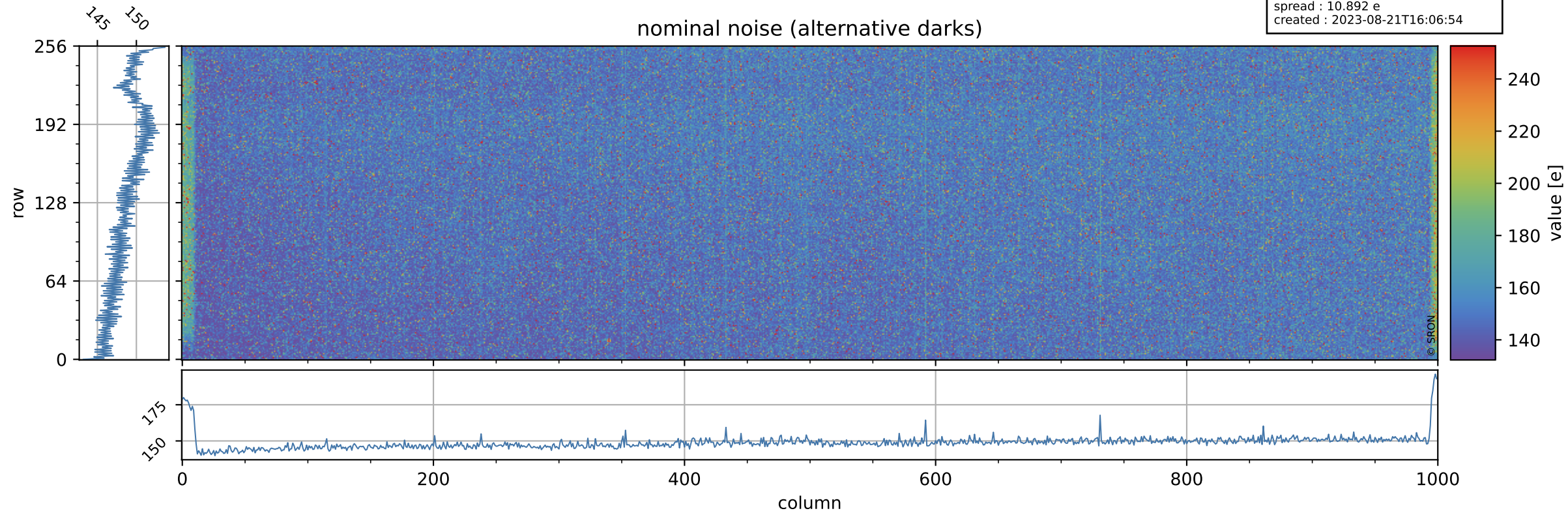


Tropomi SWIR background noise (swir)

orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.892 e
created : 2023-08-21T16:06:54

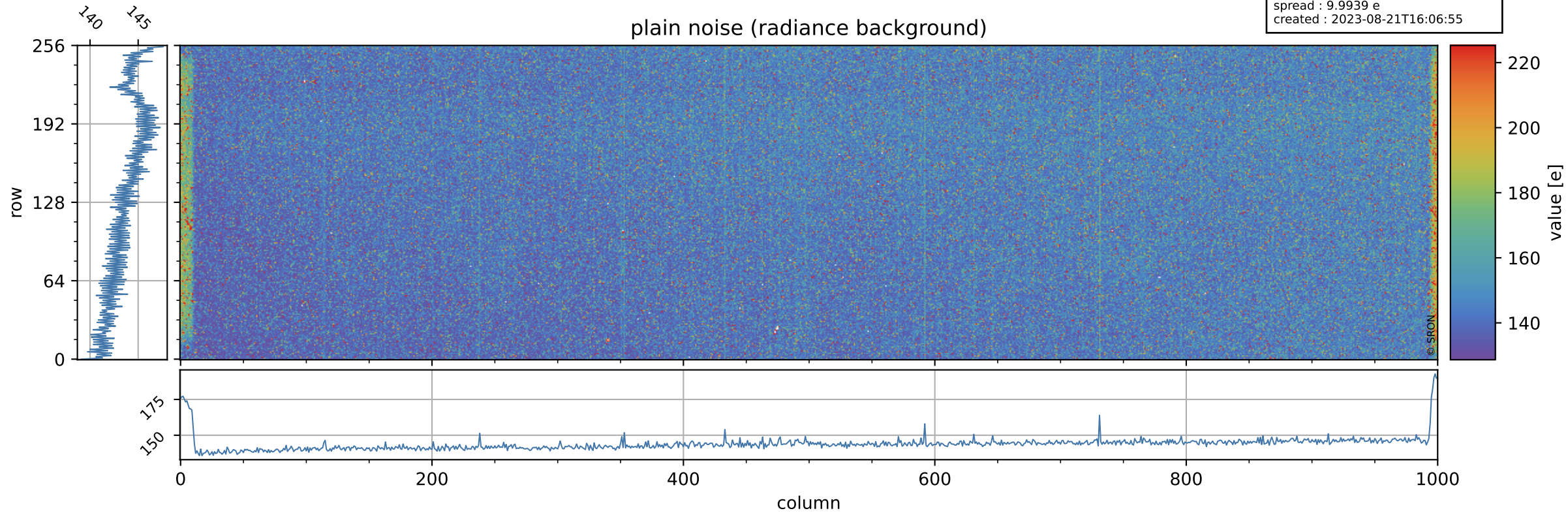
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 9.9939 e
created : 2023-08-21T16:06:55

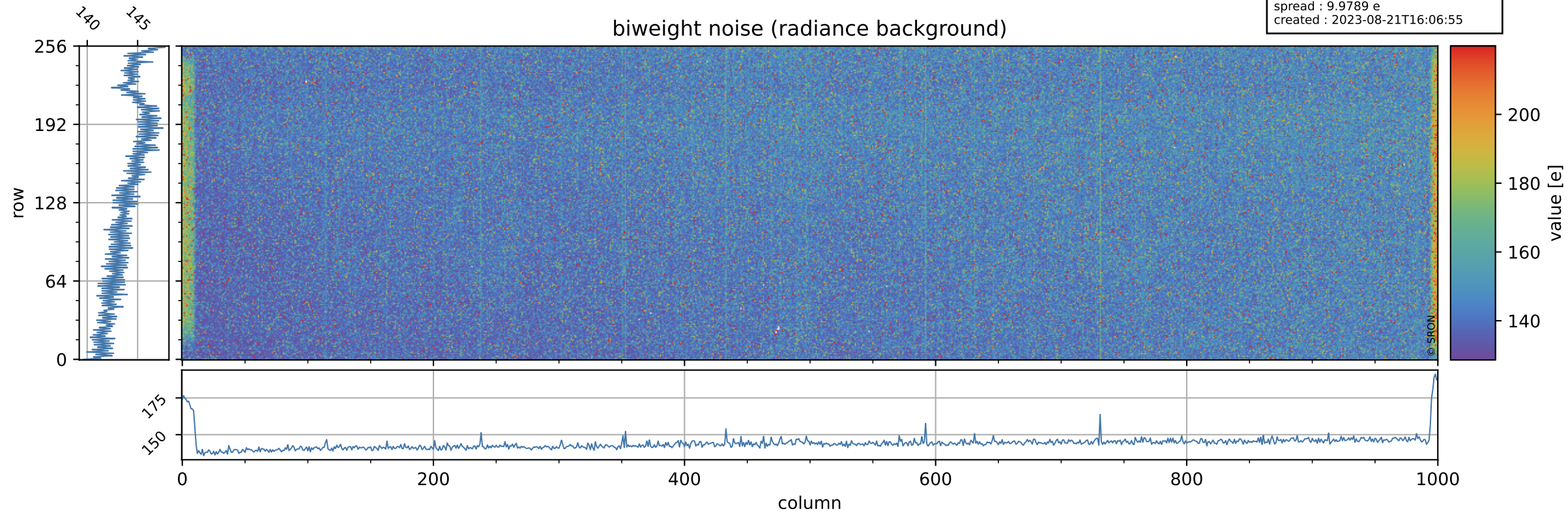
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9789 e
created : 2023-08-21T16:06:55

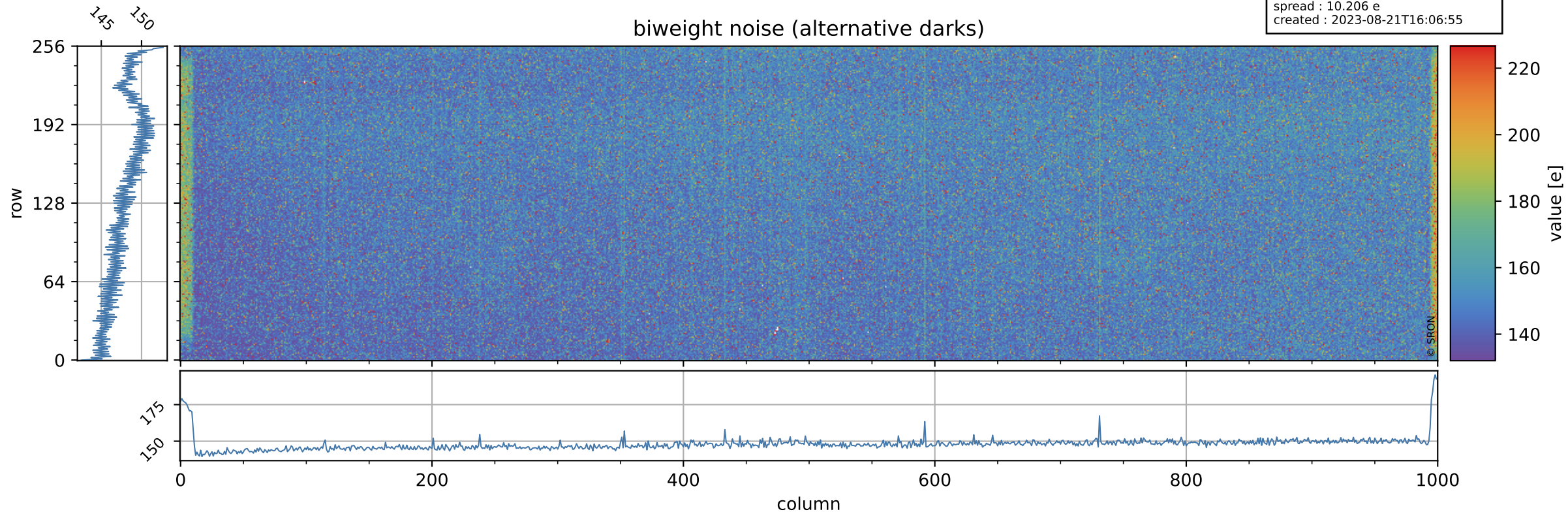
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.206 e
created : 2023-08-21T16:06:55

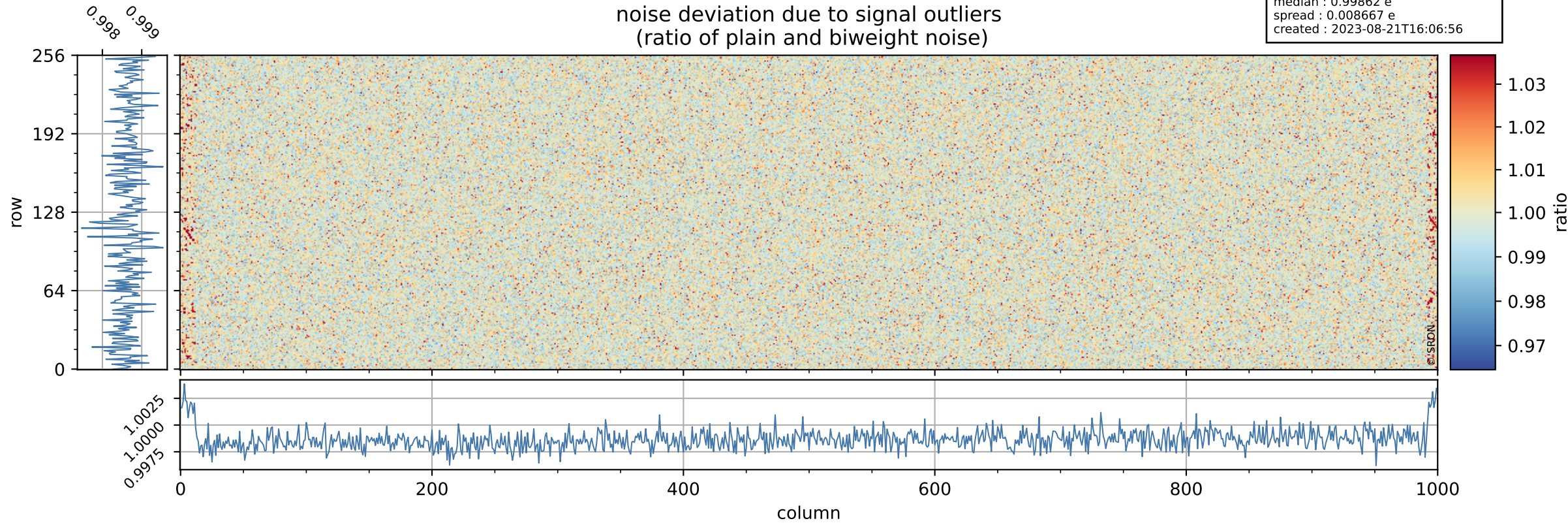
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

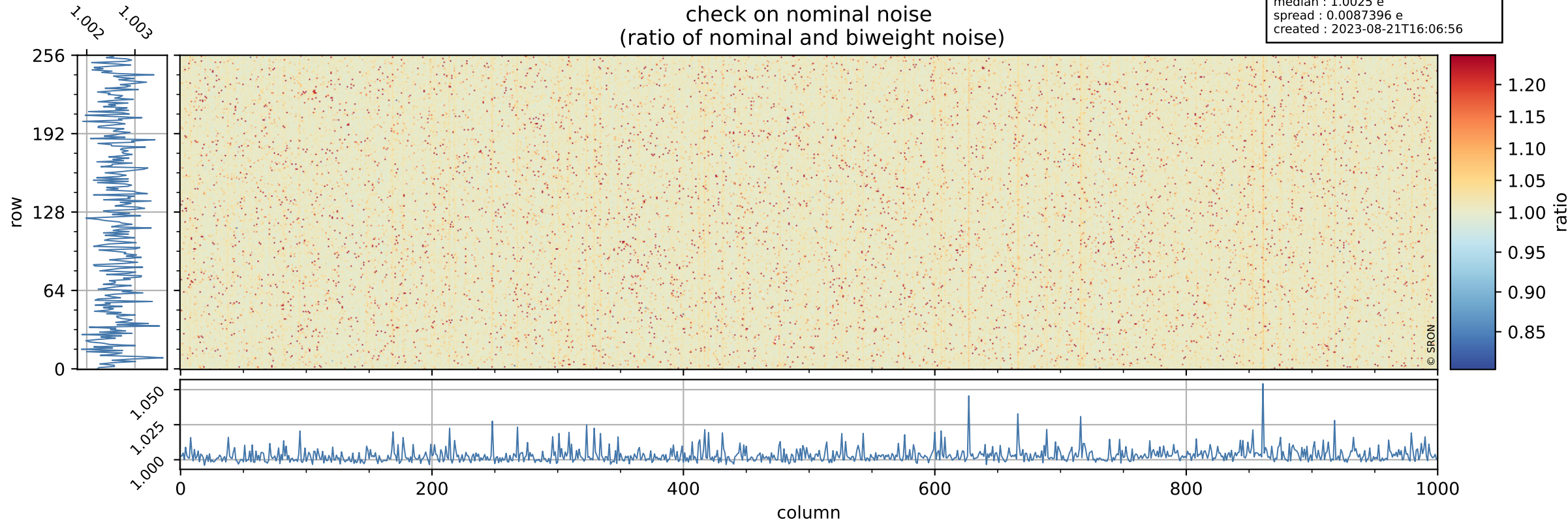
orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
median : 0.99862 e
spread : 0.008667 e
created : 2023-08-21T16:06:56



Tropomi SWIR background noise (swir)

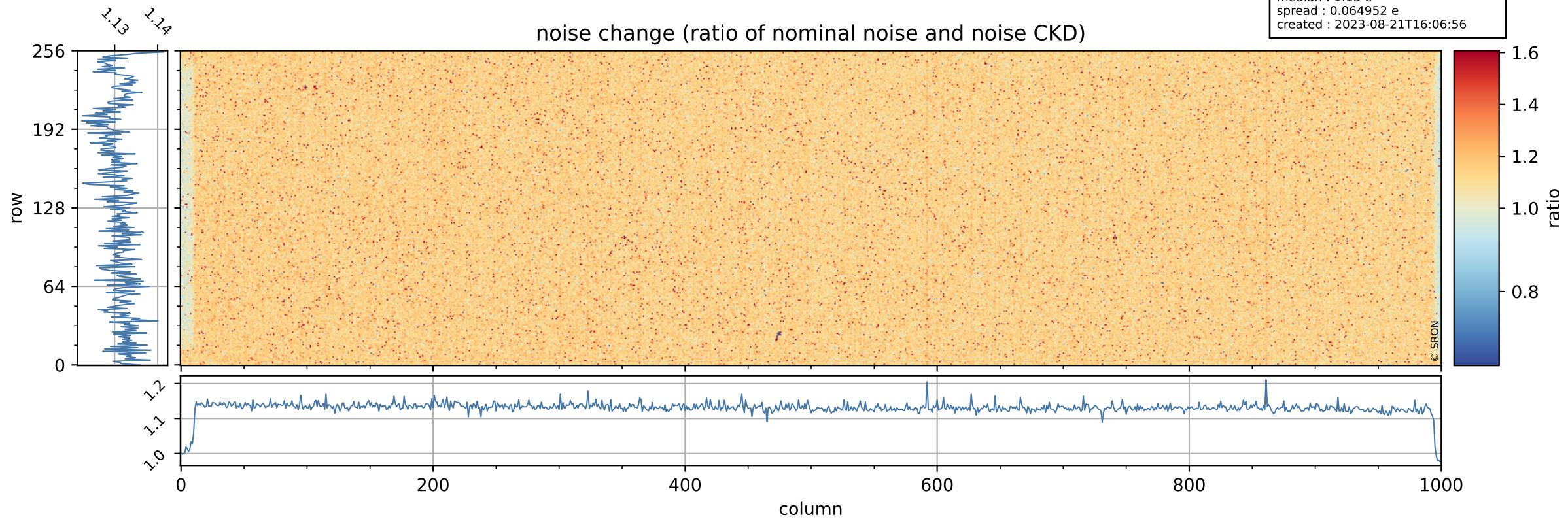
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
median : 1.0025 e
spread : 0.0087396 e
created : 2023-08-21T16:06:56



Tropomi SWIR background noise (swir)

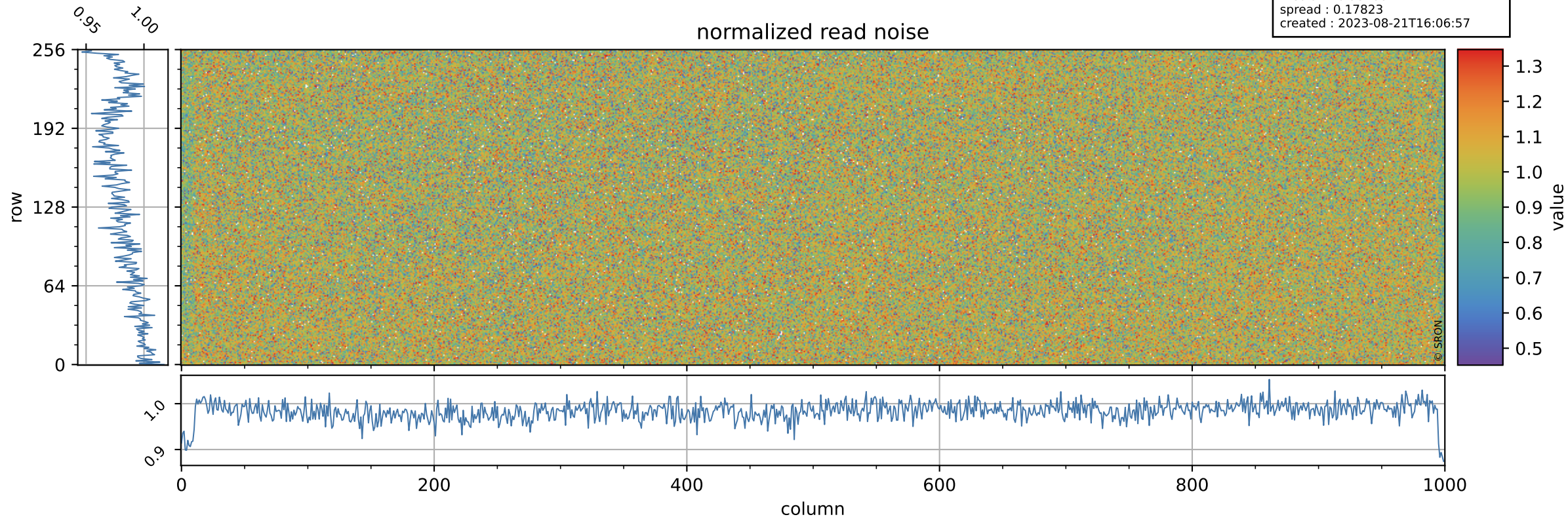
orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
median : 1.13 e
spread : 0.064952 e
created : 2023-08-21T16:06:56



Tropomi SWIR background noise (swir)

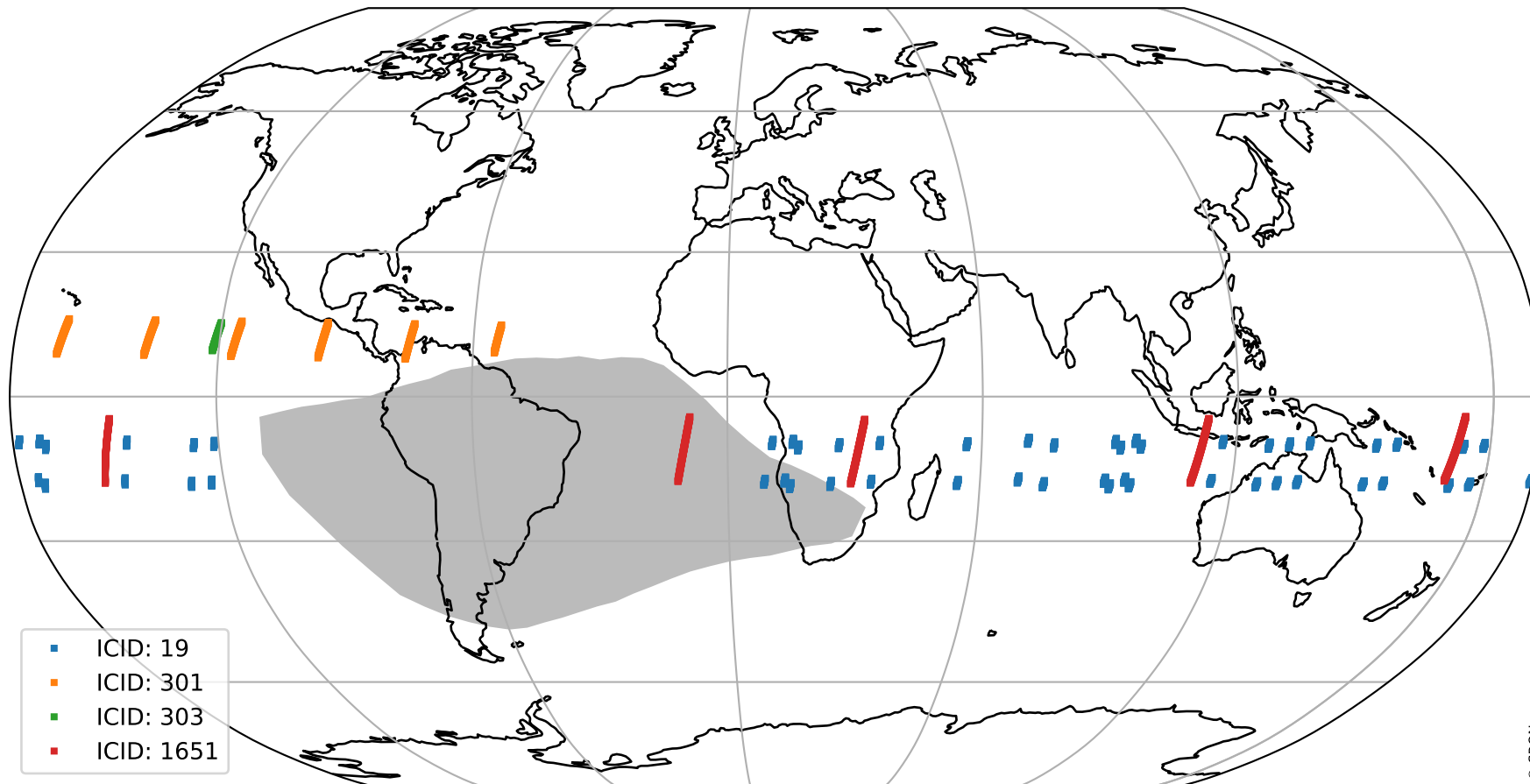
orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
median : 0.98166
spread : 0.17823
created : 2023-08-21T16:06:57

normalized read noise



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

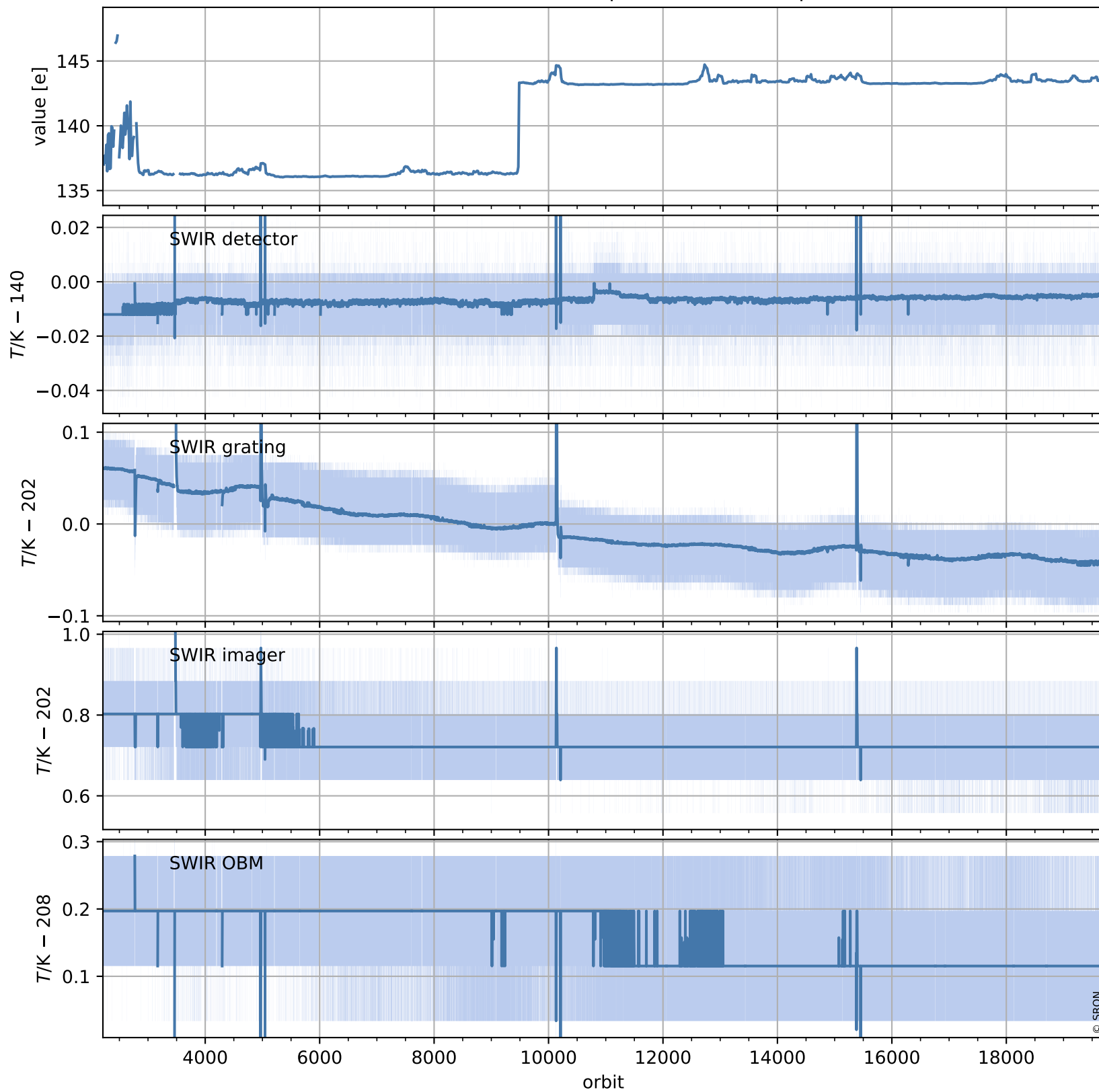
orbits : 12 in [19612, 19702]
coverage : 2021-07-27 / 2021-08-01
created : 2023-08-21T16:06:57



Tropomi SWIR background noise (swir)

orbits : [2212, 19702]
coverage : 2018-03-18 / 2021-08-01
created : 2023-08-21T16:06:57

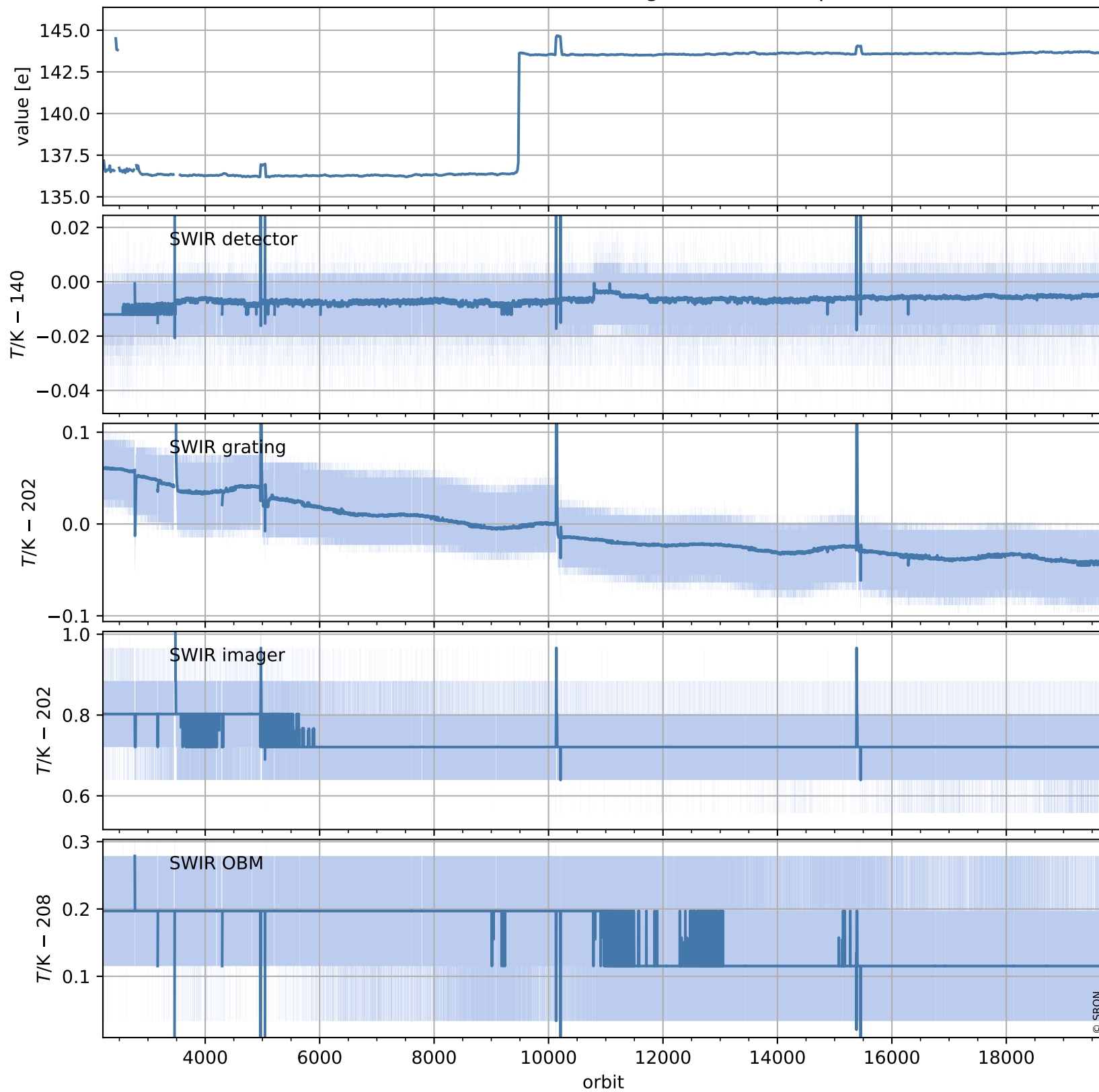
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19702]
coverage : 2018-03-18 / 2021-08-01
created : 2023-08-21T16:06:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19702]
coverage : 2018-03-18 / 2021-08-01
created : 2023-08-21T16:06:59

trend of normalized read-noise & temperatures

