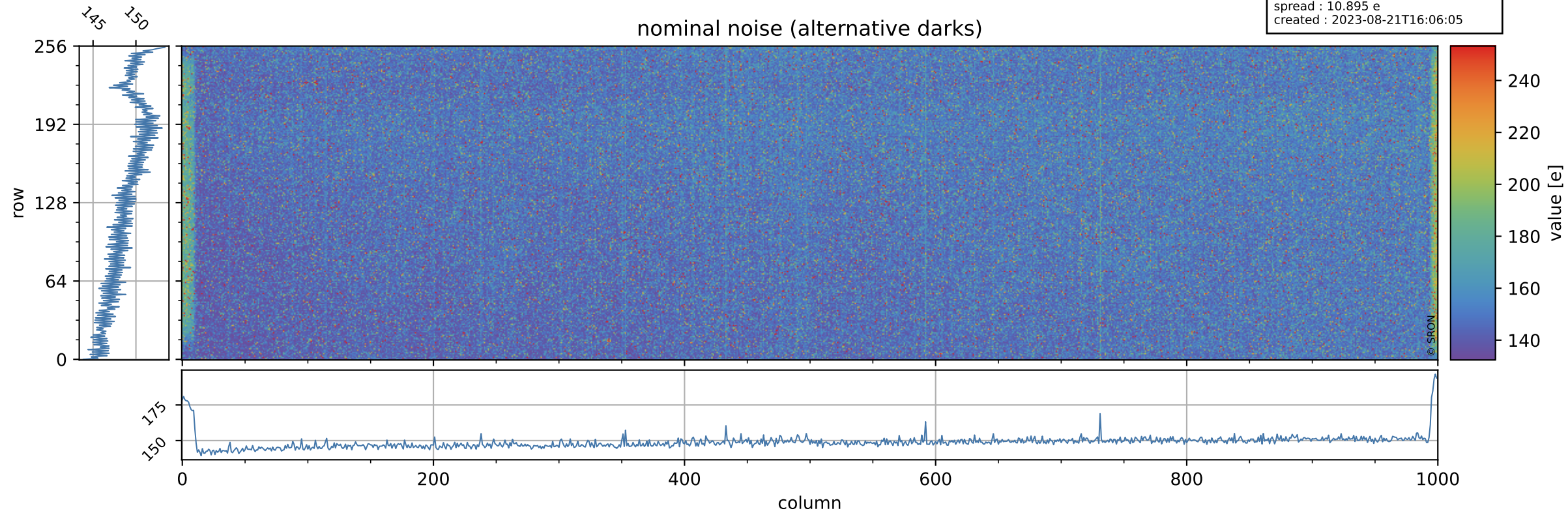


Tropomi SWIR background noise (swir)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.895 e
created : 2023-08-21T16:06:05

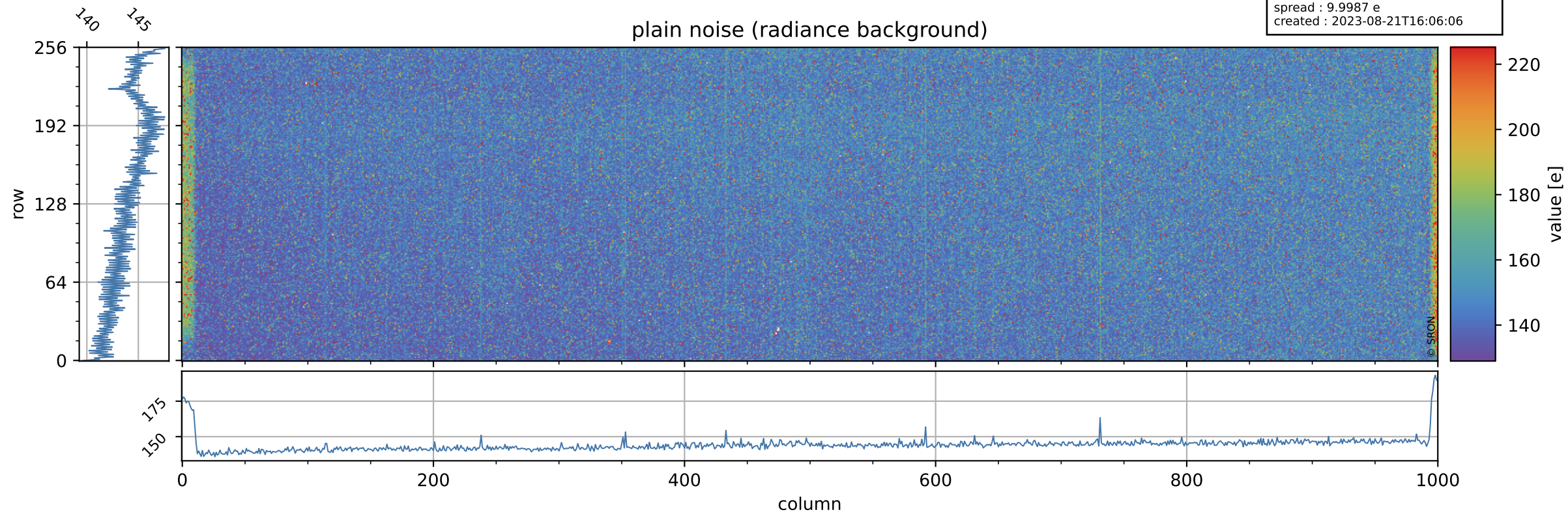
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 9.9987 e
created : 2023-08-21T16:06:06

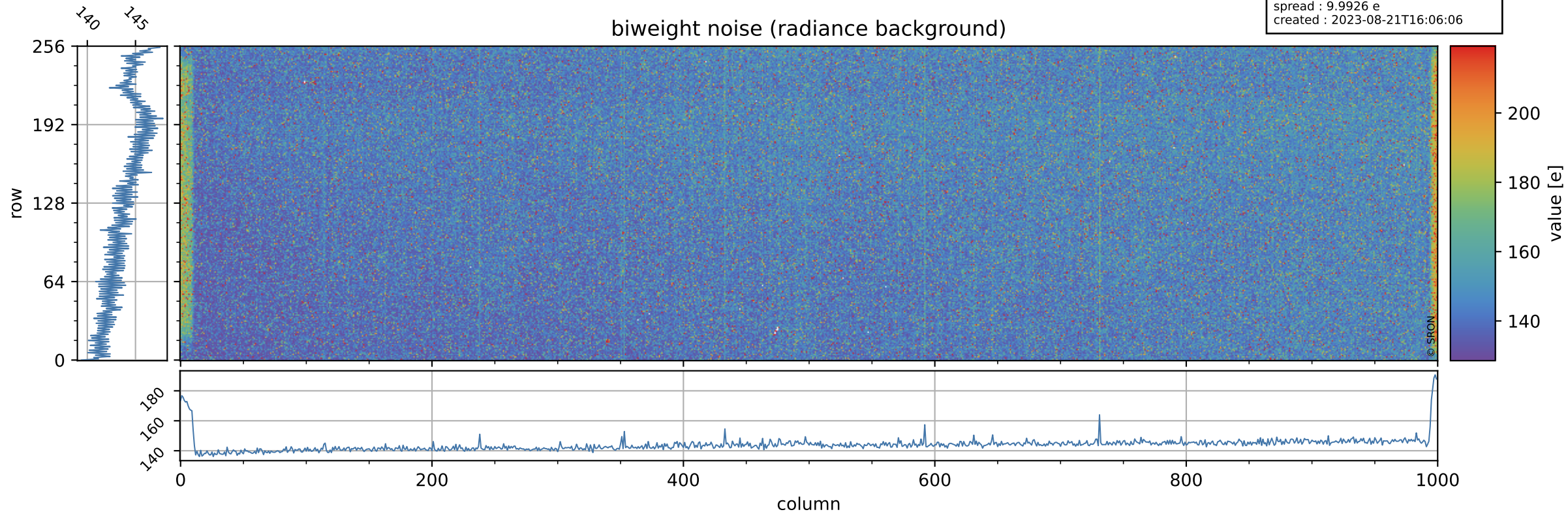
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9926 e
created : 2023-08-21T16:06:06

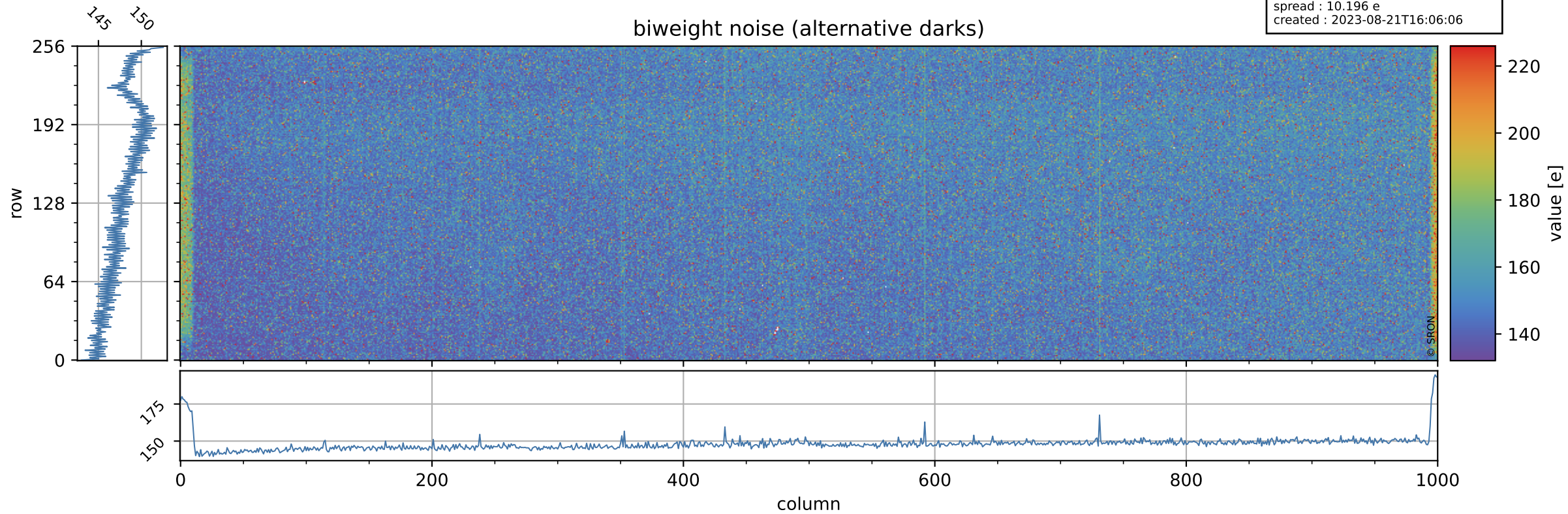
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.196 e
created : 2023-08-21T16:06:06

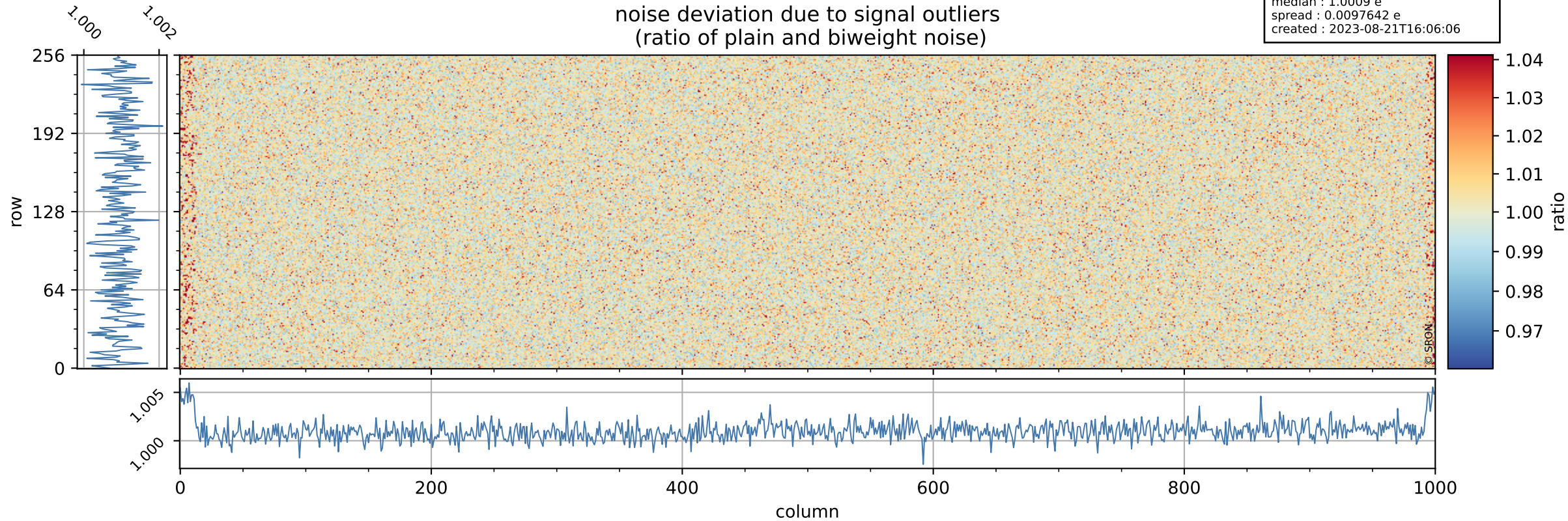
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

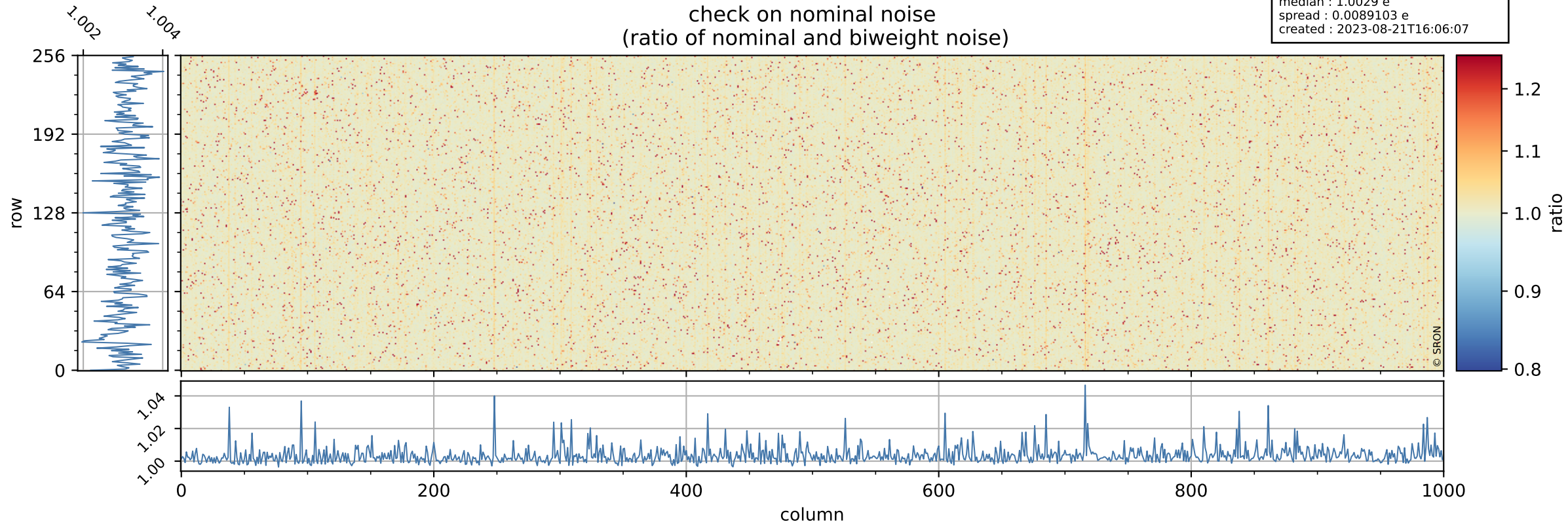
orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
median : 1.0009 e
spread : 0.0097642 e
created : 2023-08-21T16:06:06



Tropomi SWIR background noise (swir)

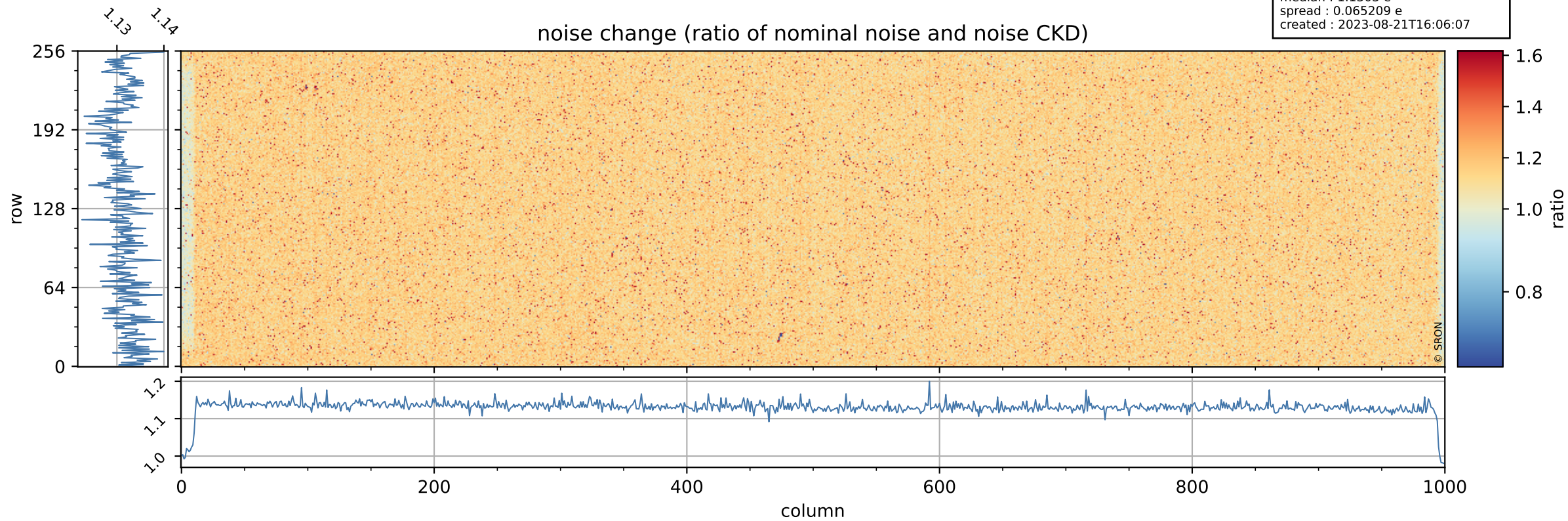
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
median : 1.0029 e
spread : 0.0089103 e
created : 2023-08-21T16:06:07



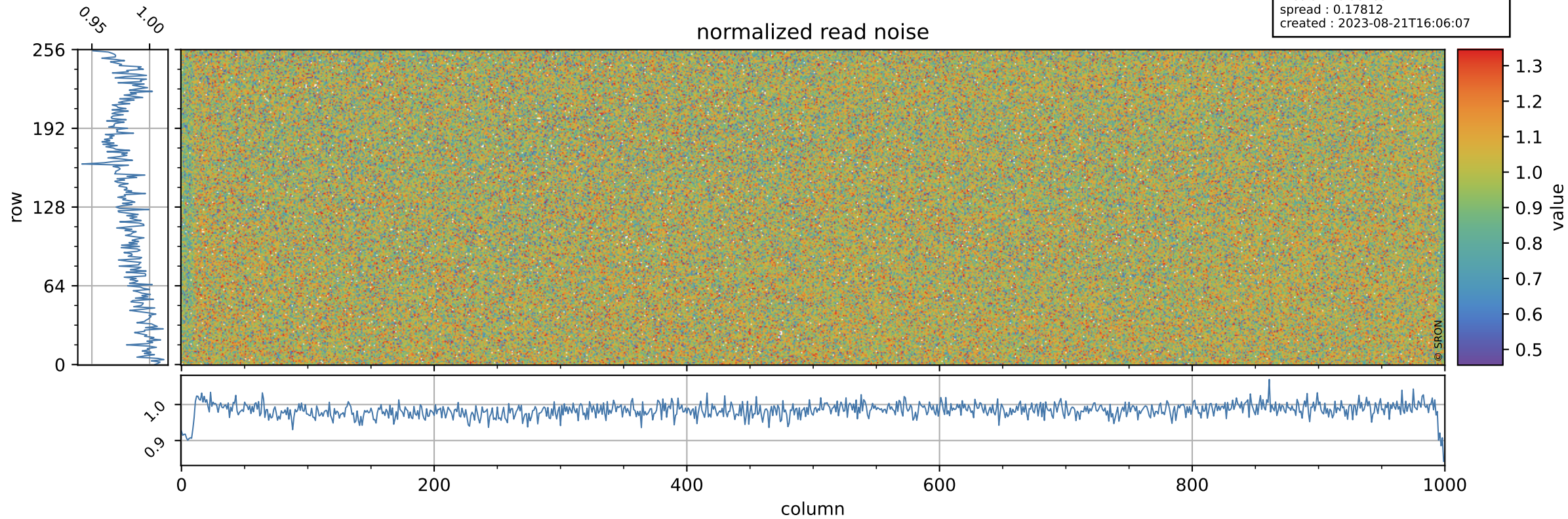
Tropomi SWIR background noise (swir)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
median : 1.1303 e
spread : 0.065209 e
created : 2023-08-21T16:06:07



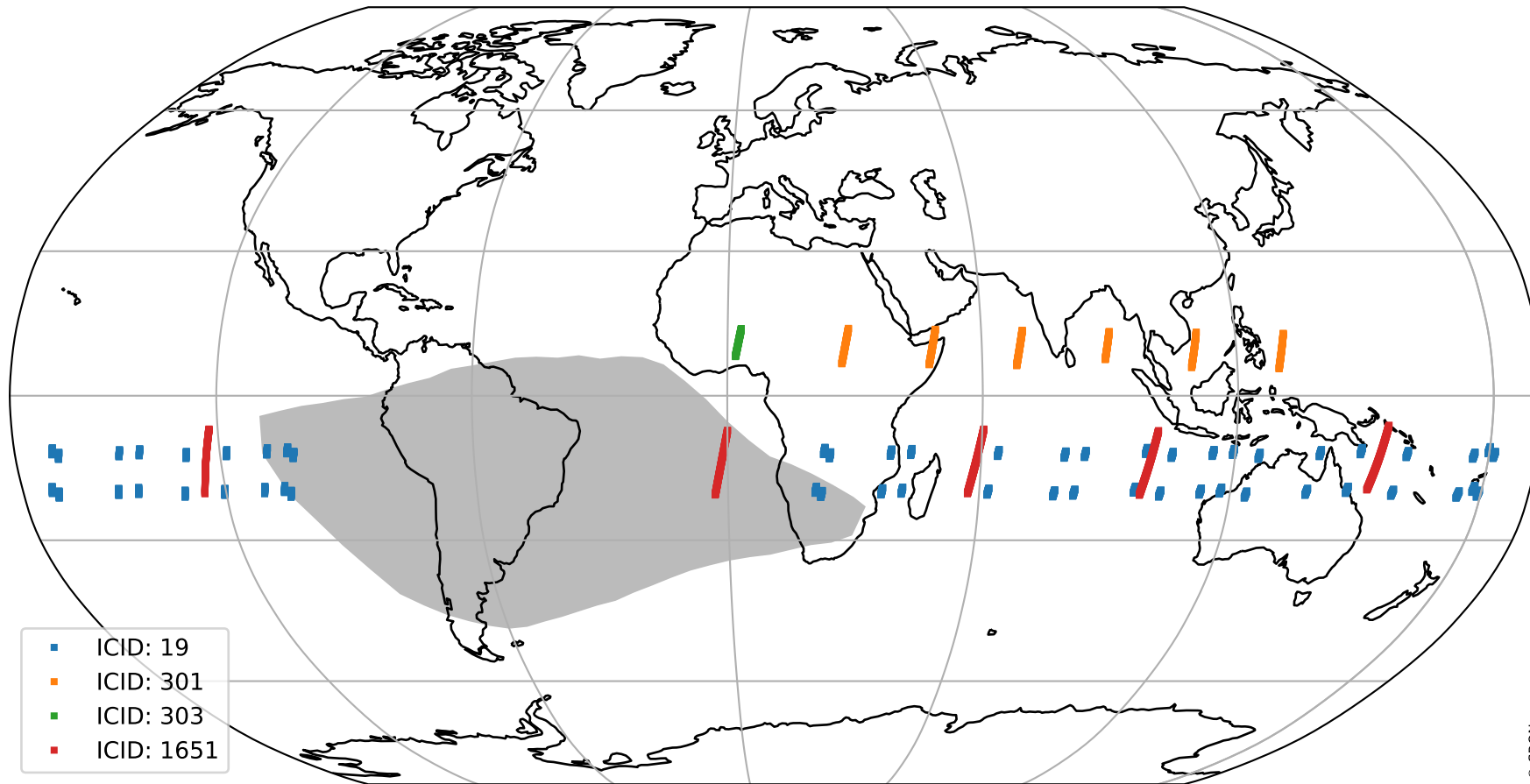
Tropomi SWIR background noise (swir)

orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
median : 0.98185
spread : 0.17812
created : 2023-08-21T16:06:07



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

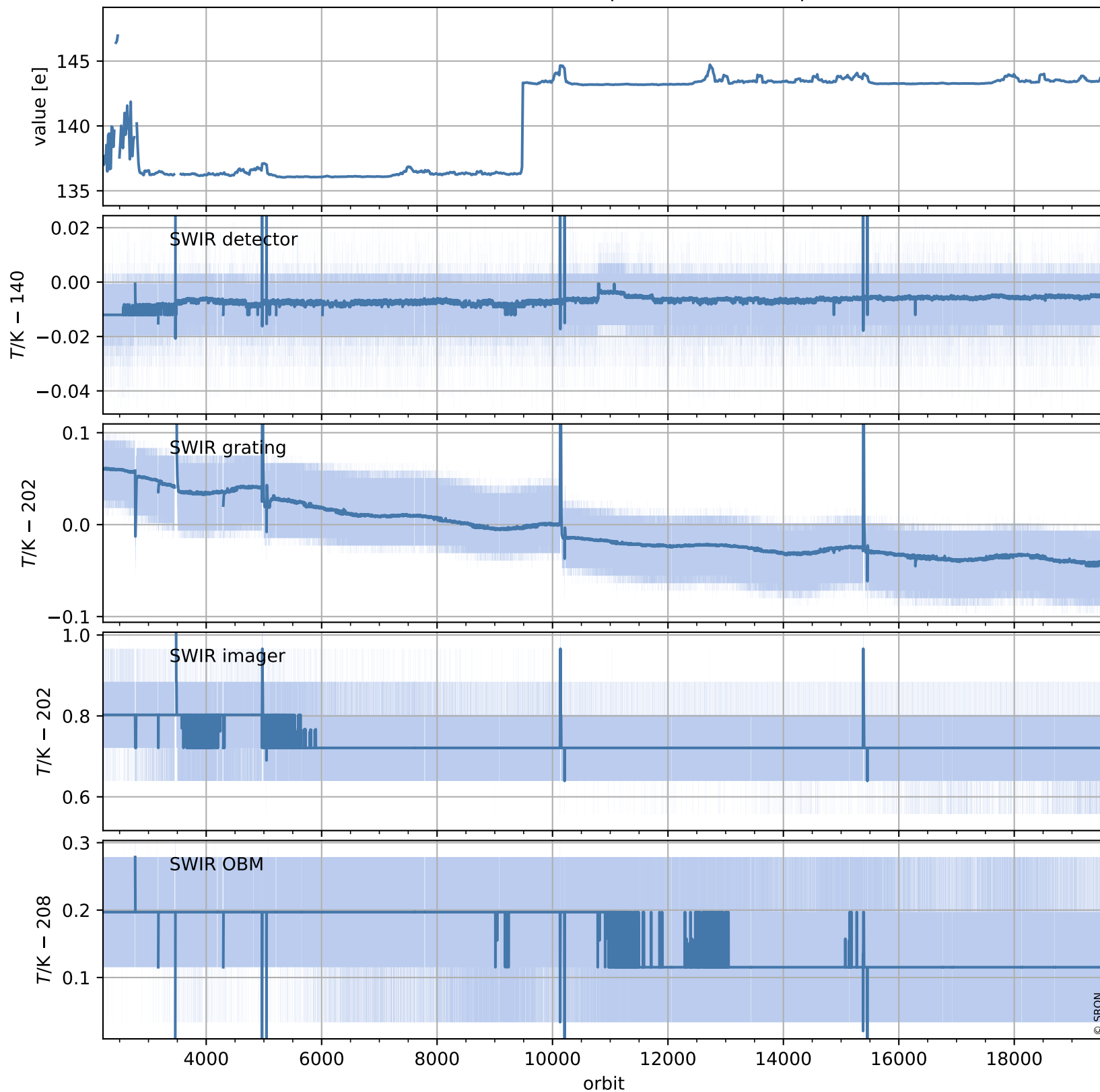
orbits : 12 in [19477, 19567]
coverage : 2021-07-17 / 2021-07-23
created : 2023-08-21T16:06:08



Tropomi SWIR background noise (swir)

orbits : [2212, 19567]
coverage : 2018-03-18 / 2021-07-23
created : 2023-08-21T16:06:08

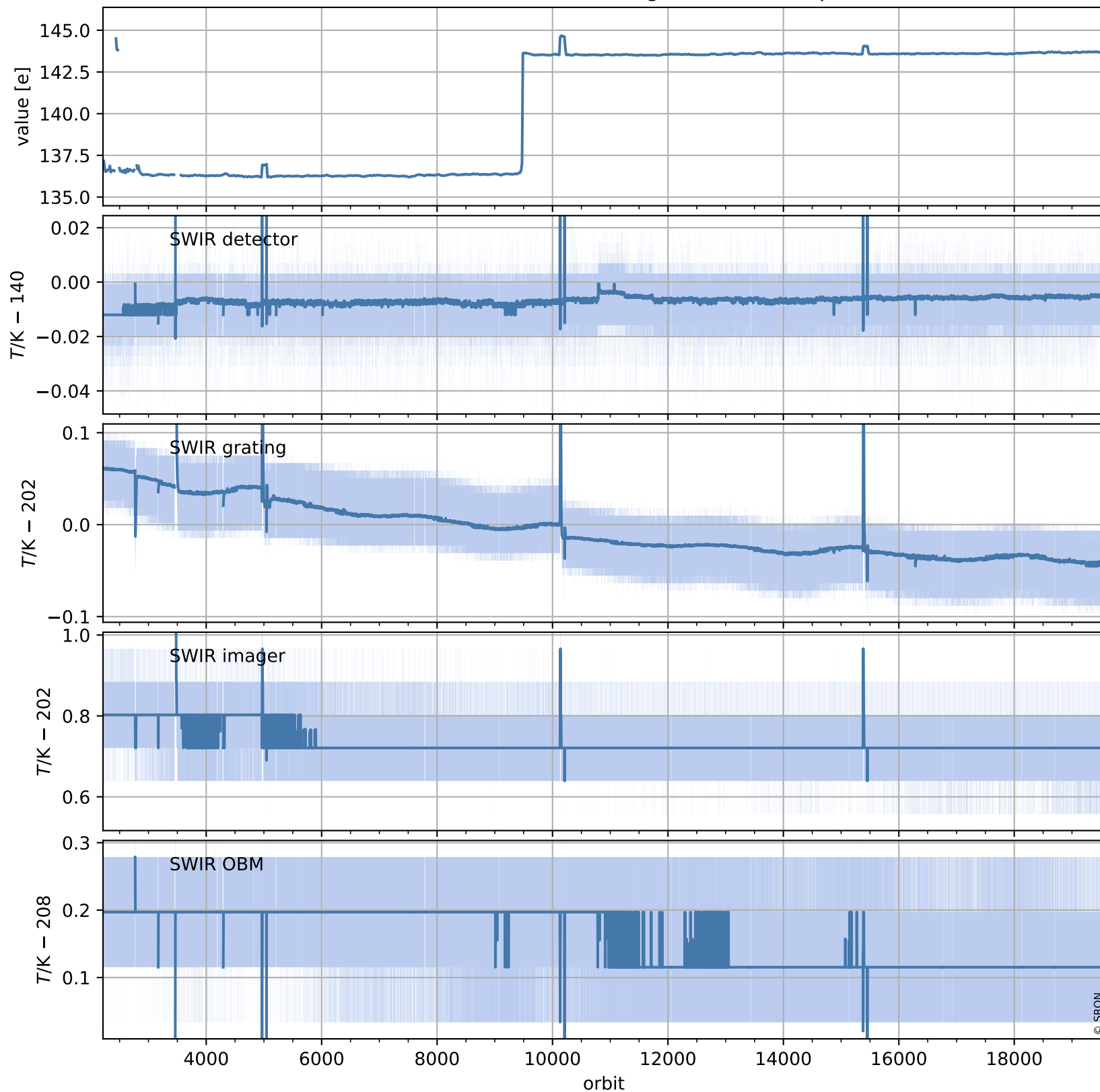
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19567]
coverage : 2018-03-18 / 2021-07-23
created : 2023-08-21T16:06:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19567]
coverage : 2018-03-18 / 2021-07-23
created : 2023-08-21T16:06:10

trend of normalized read-noise & temperatures

