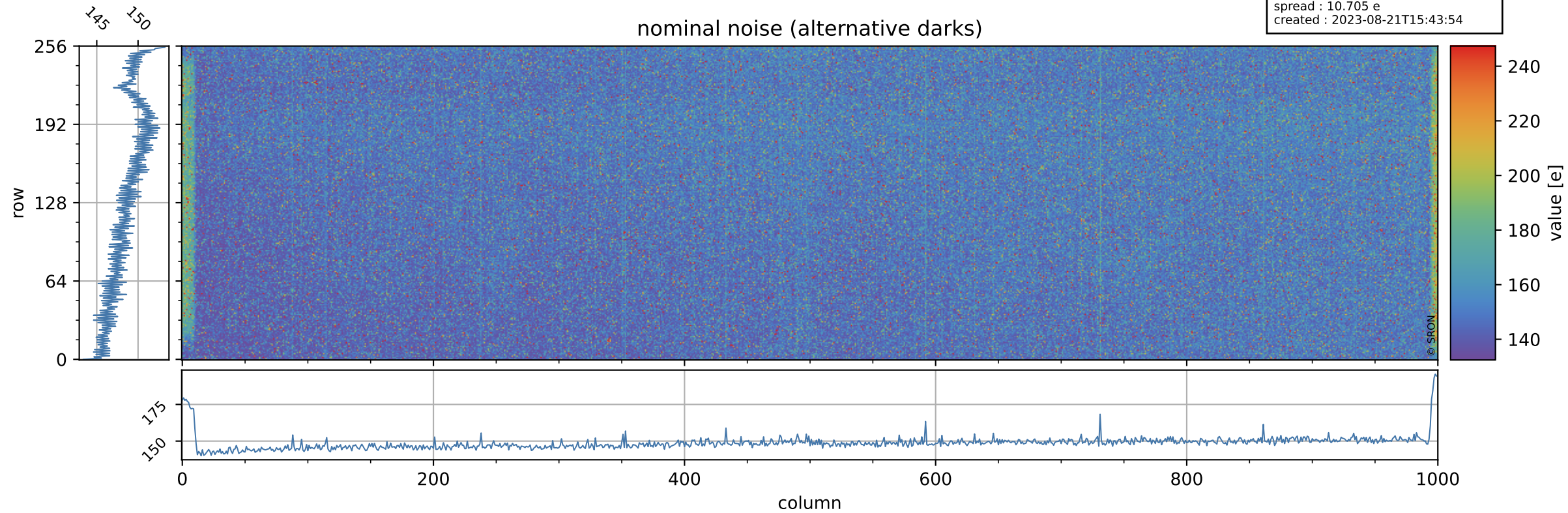


Tropomi SWIR background noise (swir)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.705 e
created : 2023-08-21T15:43:54

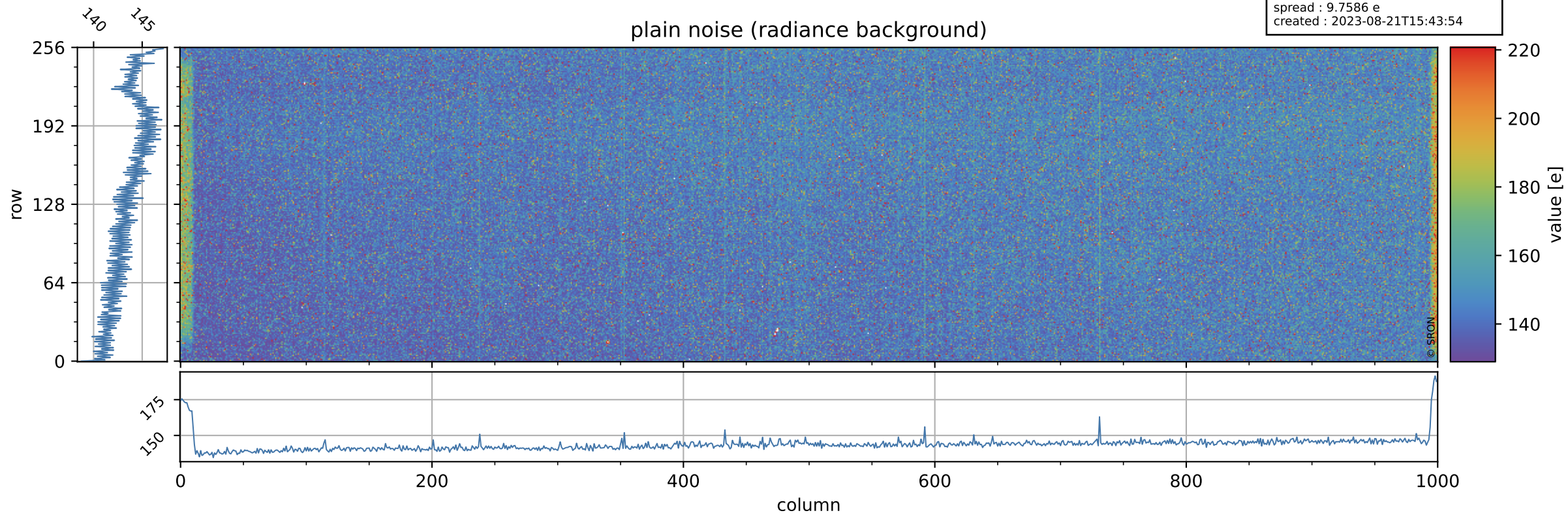
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7586 e
created : 2023-08-21T15:43:54

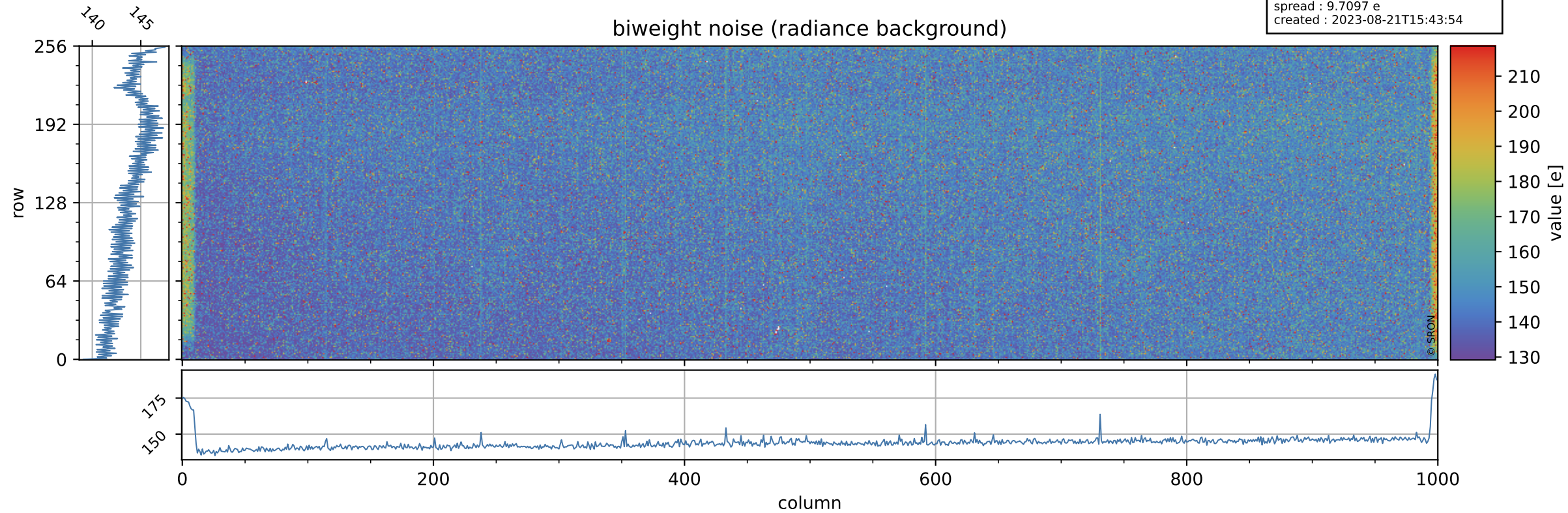
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7097 e
created : 2023-08-21T15:43:54

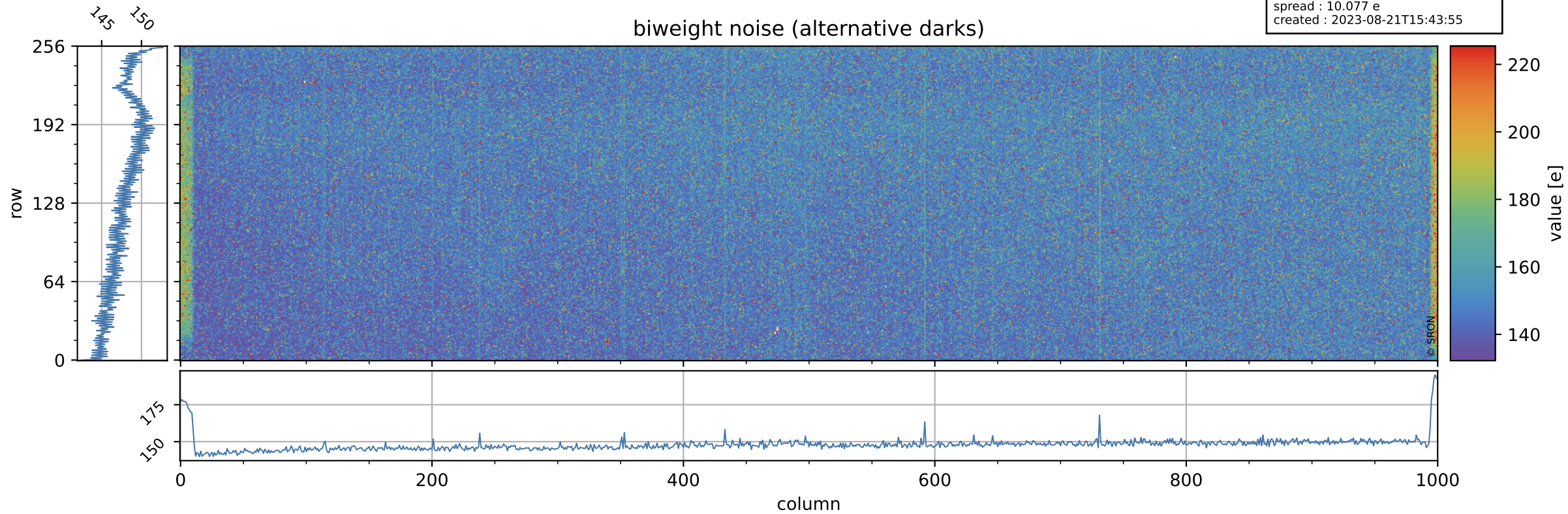
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.077 e
created : 2023-08-21T15:43:55

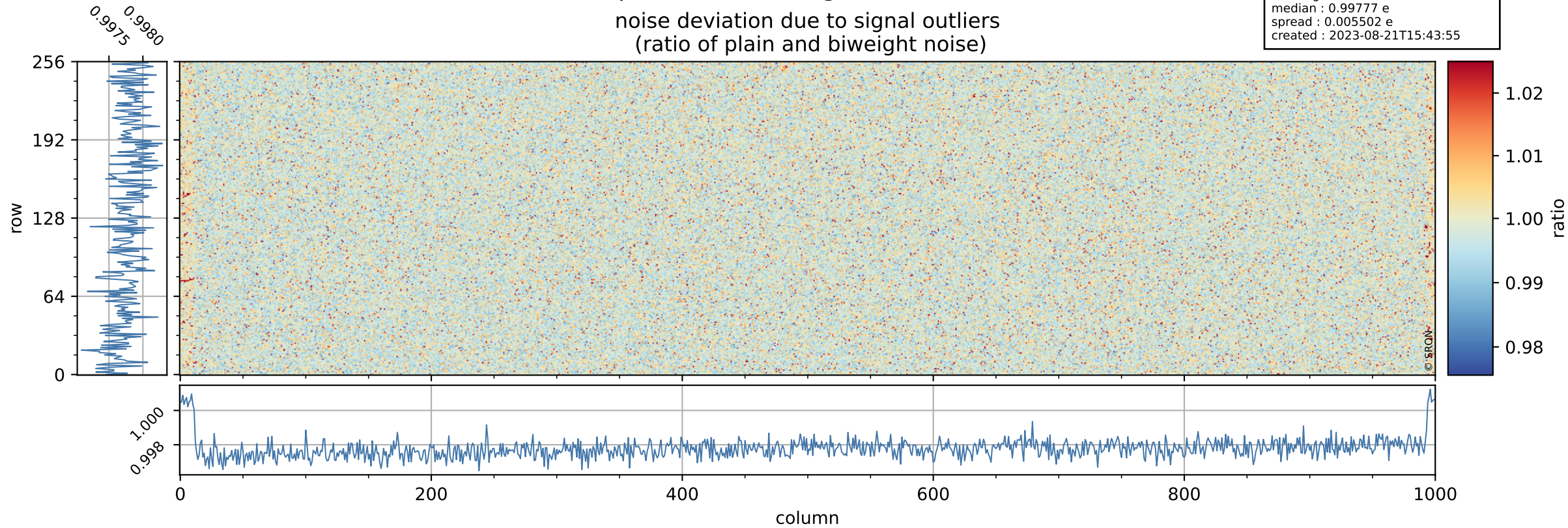
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

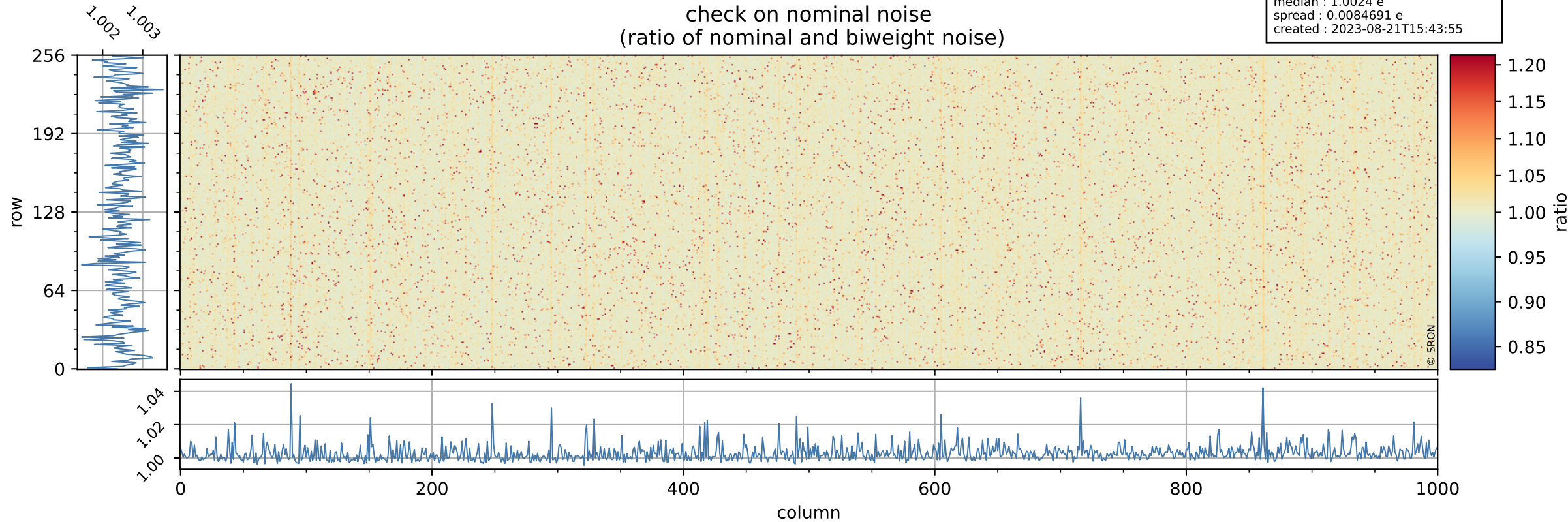
orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
median : 0.99777 e
spread : 0.005502 e
created : 2023-08-21T15:43:55



Tropomi SWIR background noise (swir)

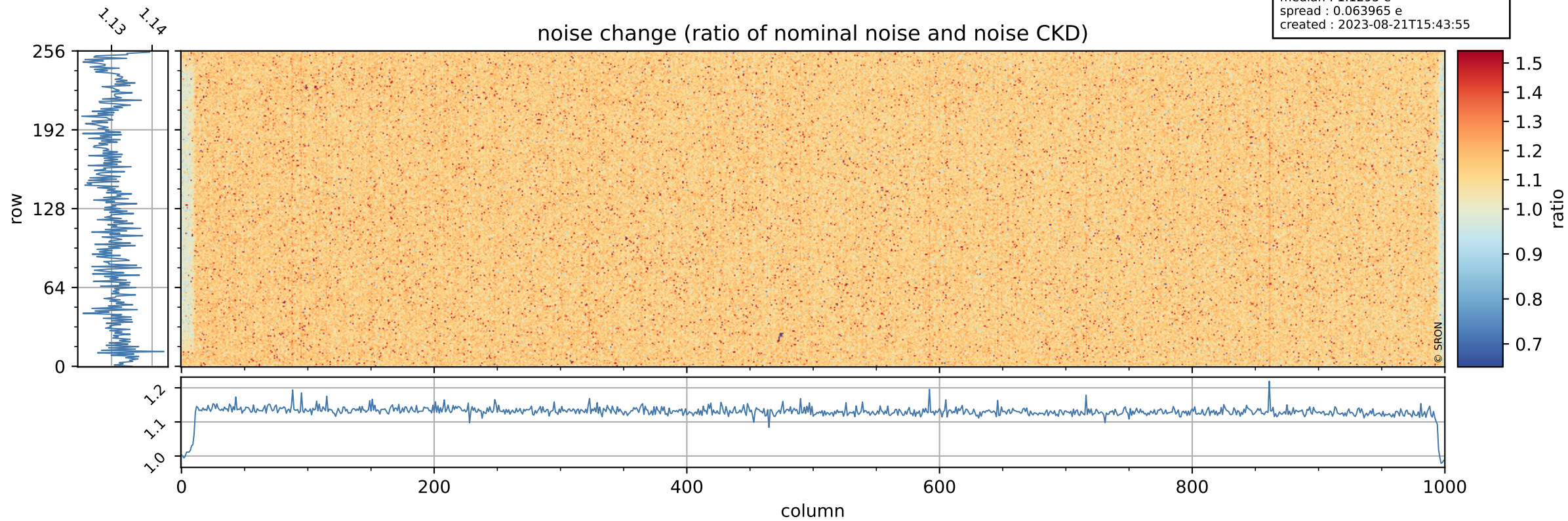
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
median : 1.0024 e
spread : 0.0084691 e
created : 2023-08-21T15:43:55



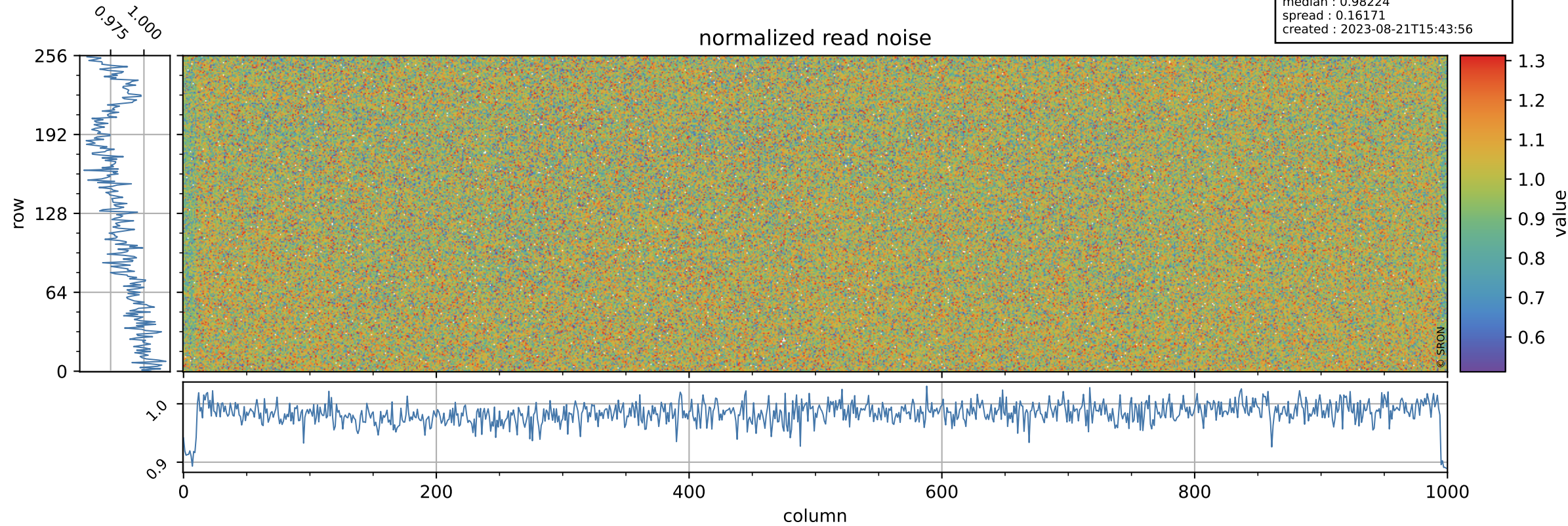
Tropomi SWIR background noise (swir)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
median : 1.1295 e
spread : 0.063965 e
created : 2023-08-21T15:43:55



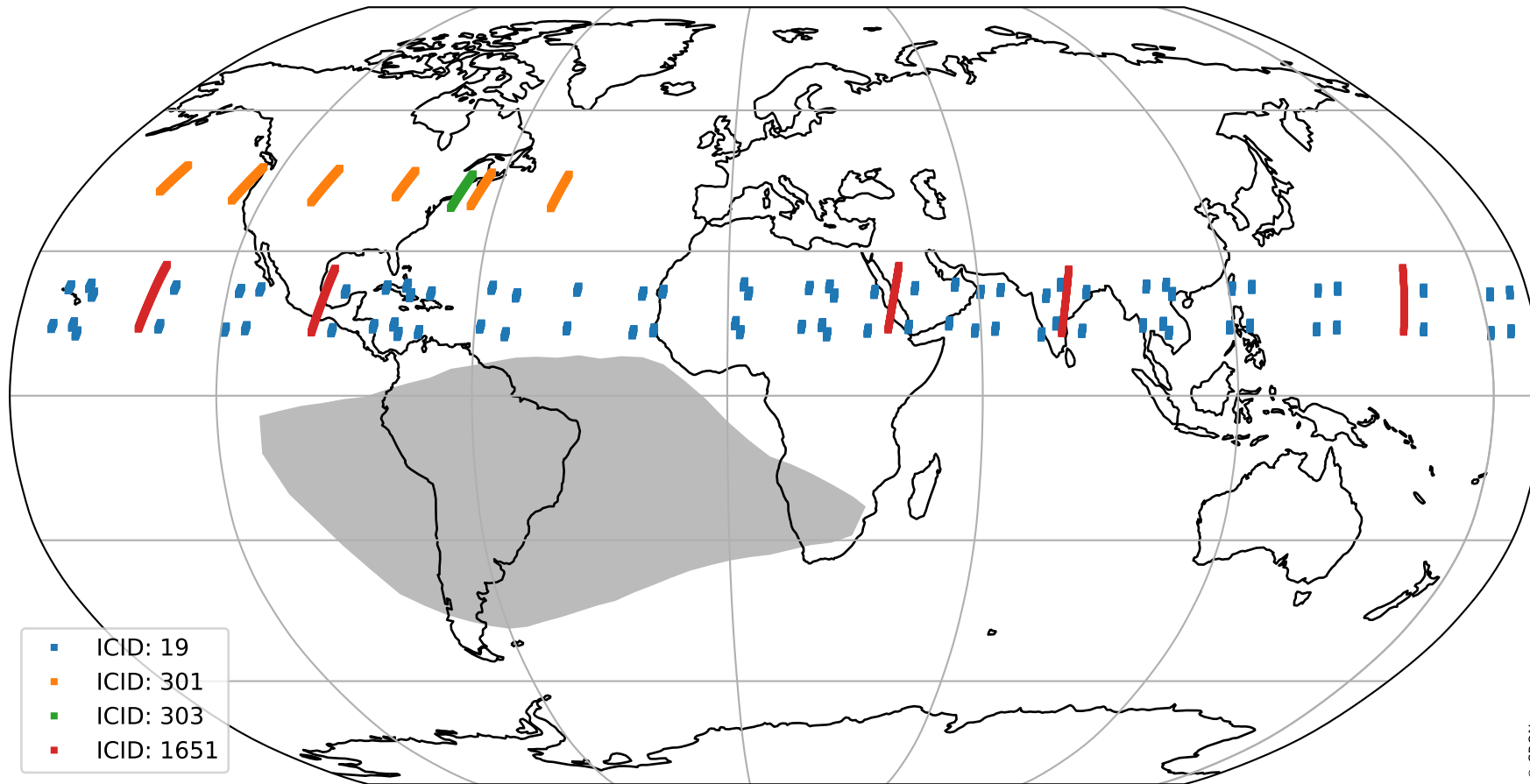
Tropomi SWIR background noise (swir)

orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
median : 0.98224
spread : 0.16171
created : 2023-08-21T15:43:56



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

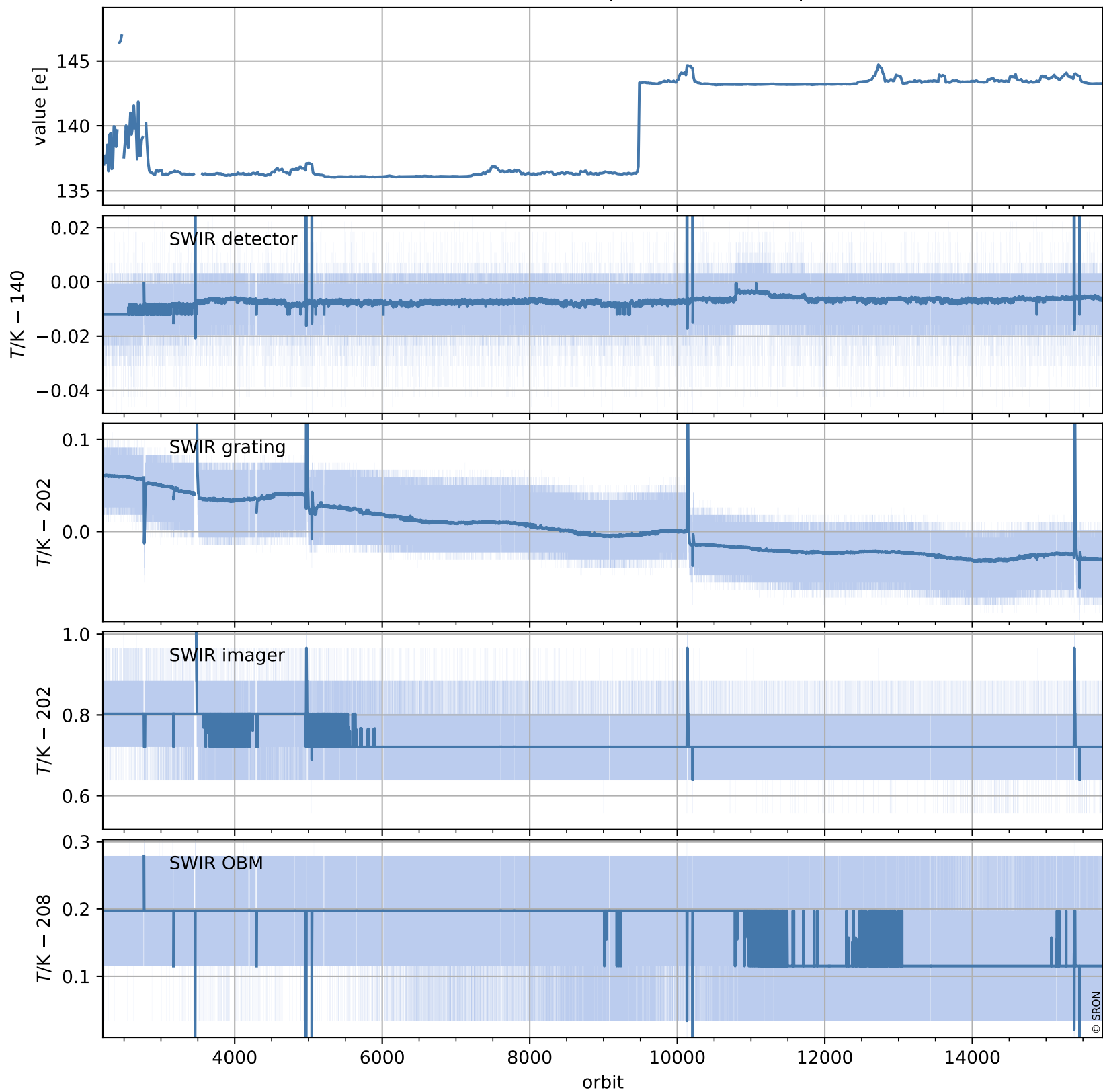
orbits : 12 in [15697, 15772]
coverage : 2020-10-23 / 2020-10-28
created : 2023-08-21T15:43:56



Tropomi SWIR background noise (swir)

orbits : [2212, 15772]
coverage : 2018-03-18 / 2020-10-28
created : 2023-08-21T15:43:56

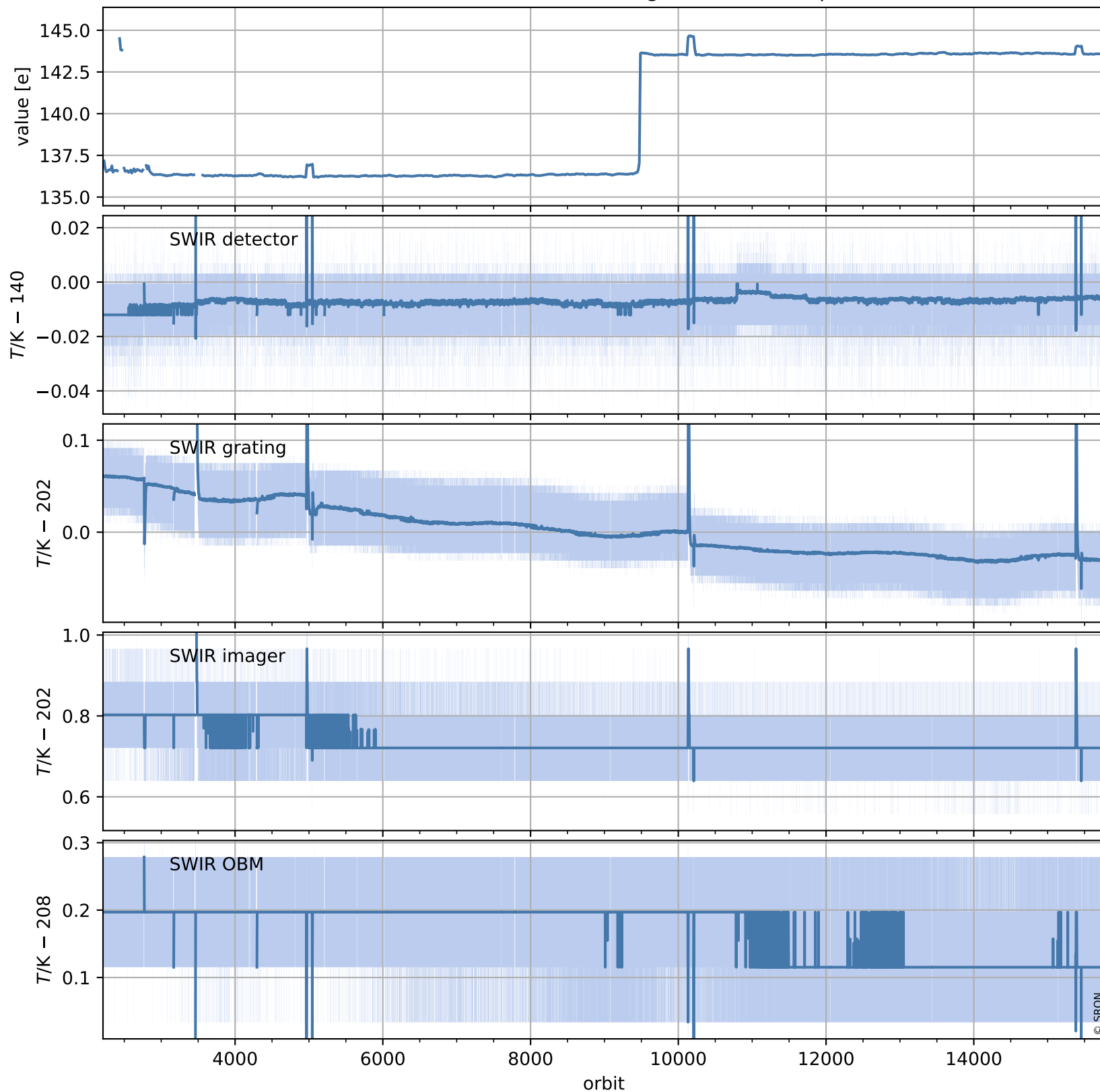
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15772]
coverage : 2018-03-18 / 2020-10-28
created : 2023-08-21T15:43:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15772]
coverage : 2018-03-18 / 2020-10-28
created : 2023-08-21T15:43:58

trend of normalized read-noise & temperatures

