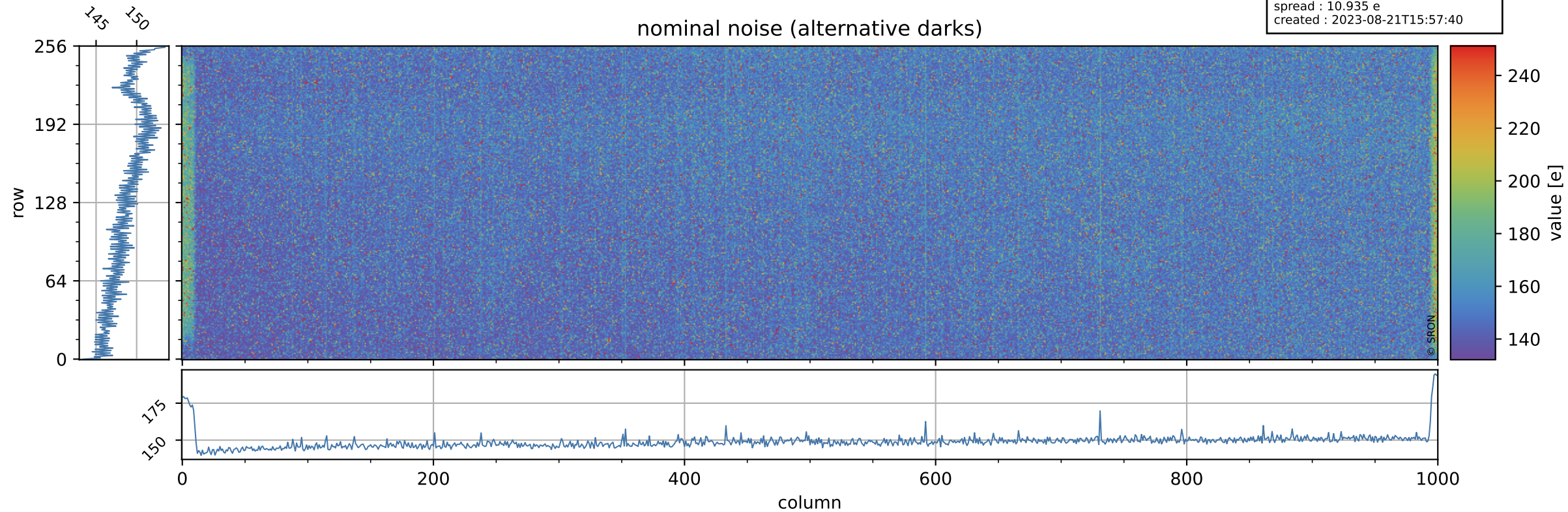


Tropomi SWIR background noise (swir)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.935 e
created : 2023-08-21T15:57:40

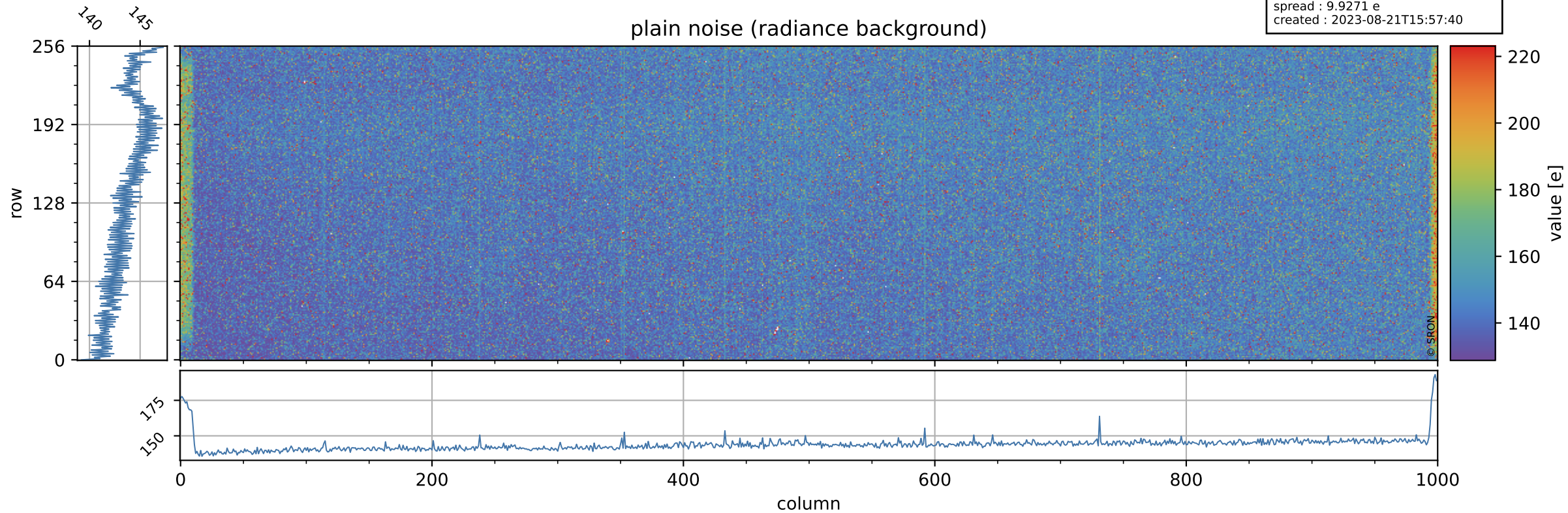
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.9271 e
created : 2023-08-21T15:57:40

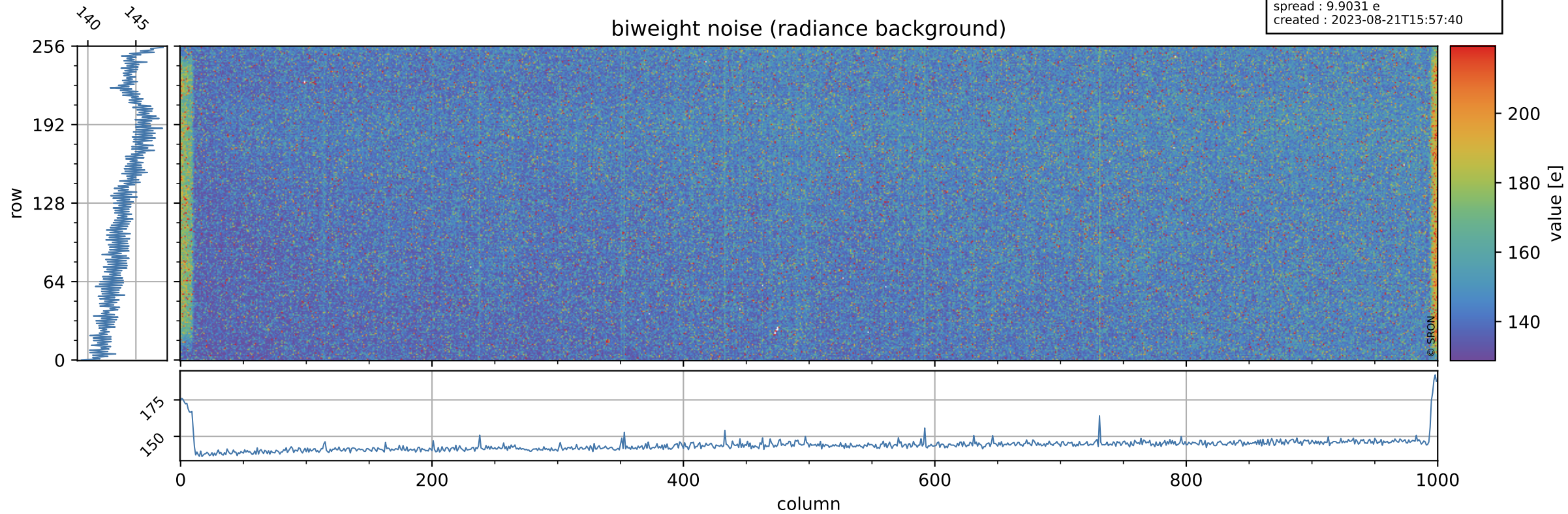
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9031 e
created : 2023-08-21T15:57:40

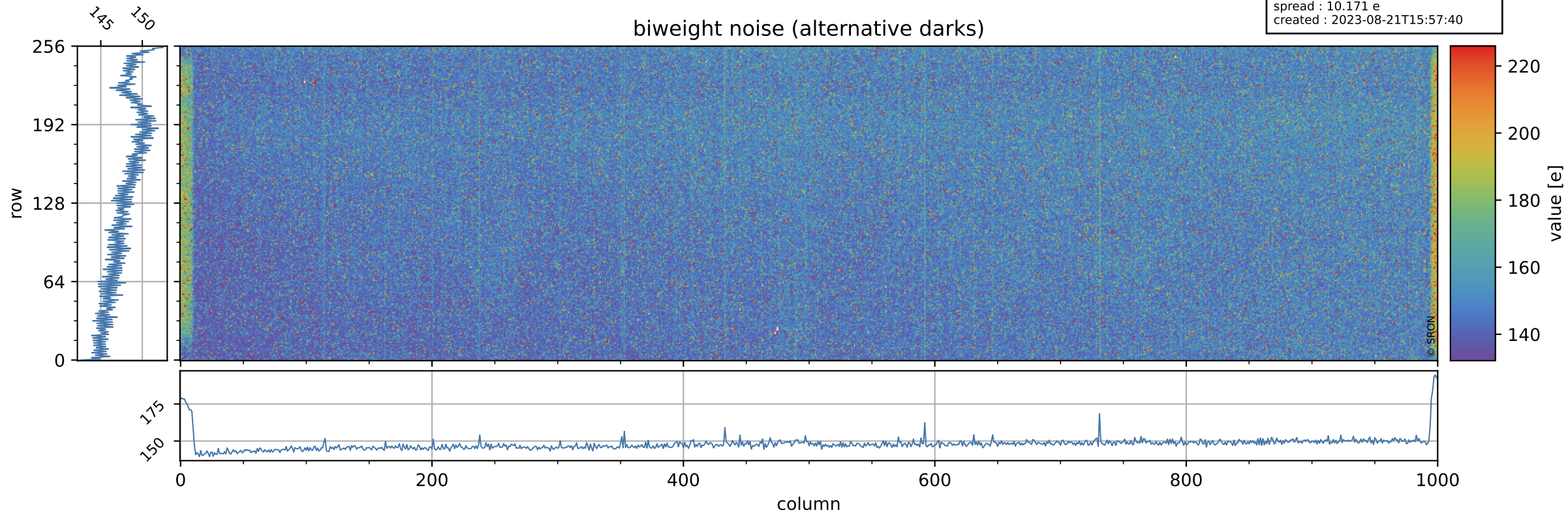
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.171 e
created : 2023-08-21T15:57:40

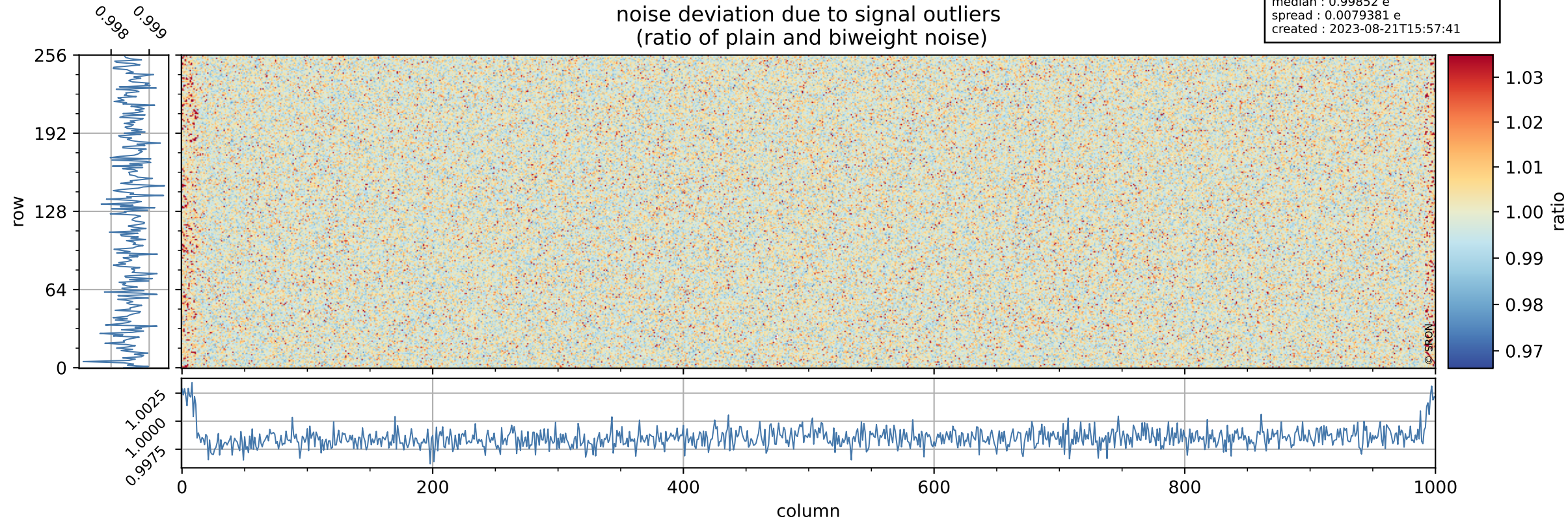
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

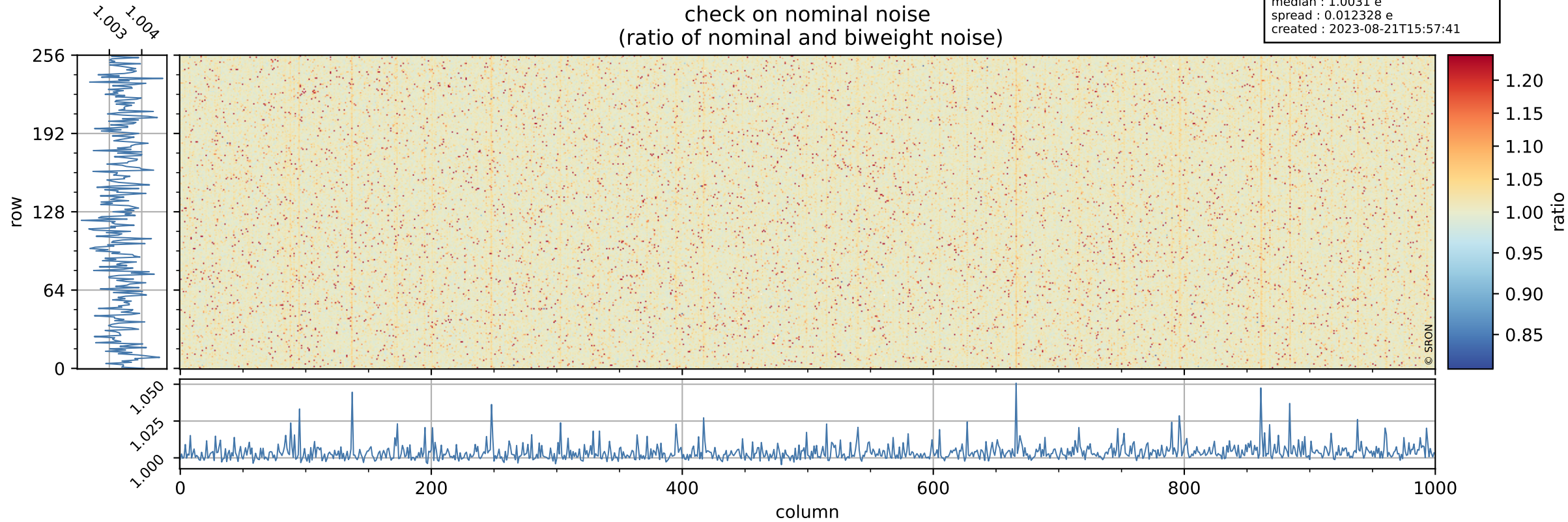
orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
median : 0.99852 e
spread : 0.0079381 e
created : 2023-08-21T15:57:41



Tropomi SWIR background noise (swir)

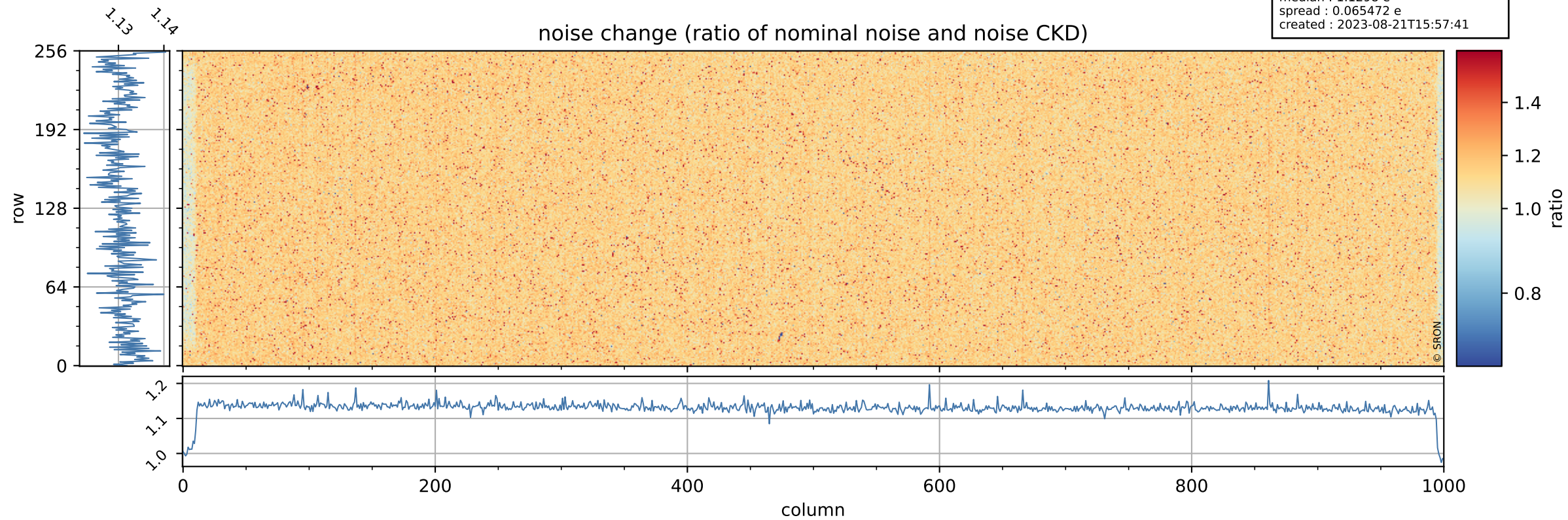
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
median : 1.0031 e
spread : 0.012328 e
created : 2023-08-21T15:57:41



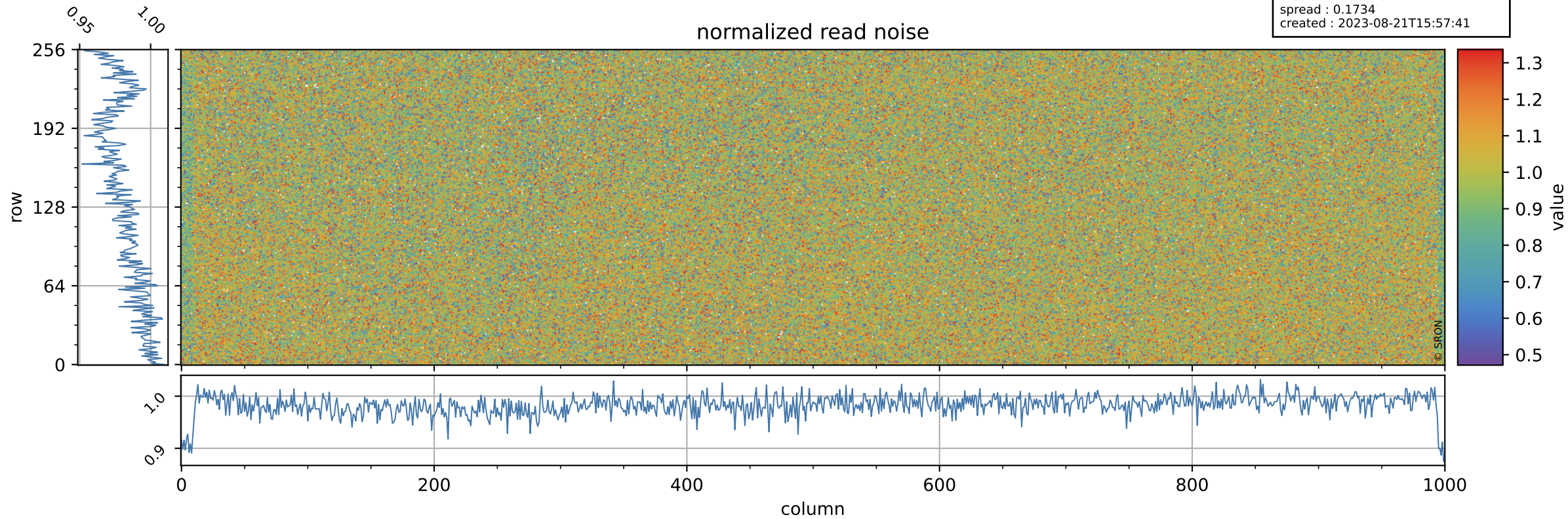
Tropomi SWIR background noise (swir)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
median : 1.1298 e
spread : 0.065472 e
created : 2023-08-21T15:57:41



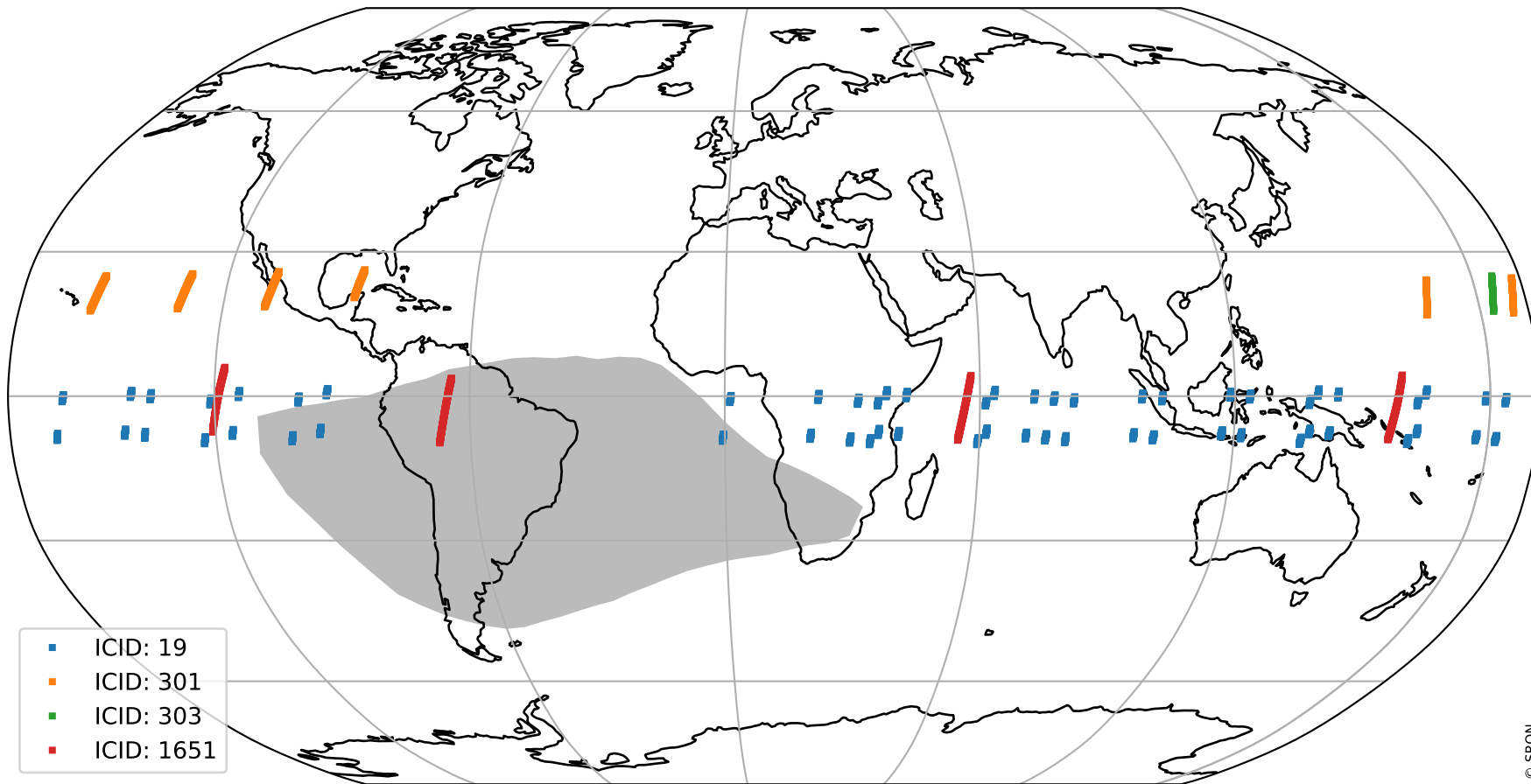
Tropomi SWIR background noise (swir)

orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
median : 0.98129
spread : 0.1734
created : 2023-08-21T15:57:41



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

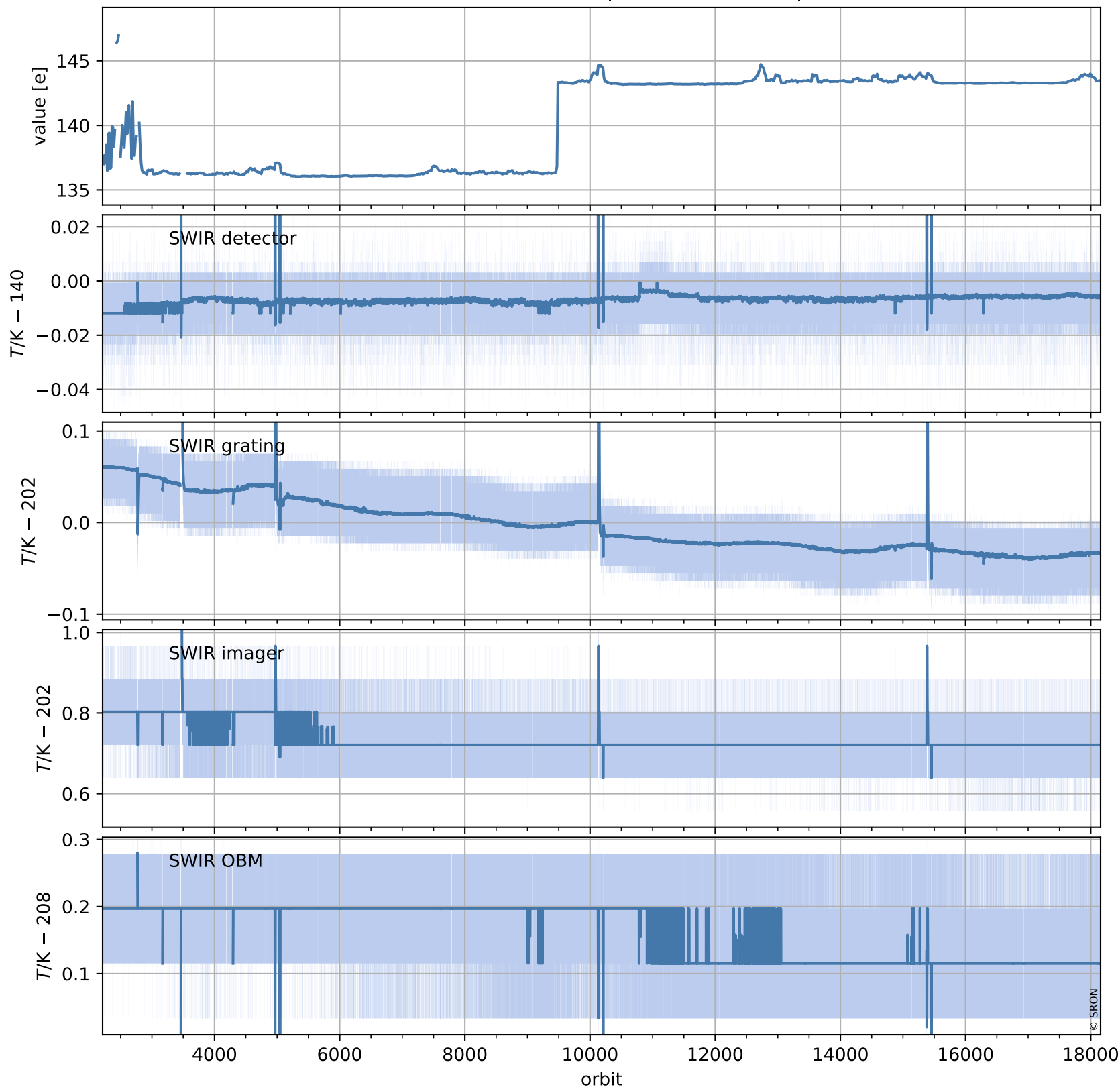
orbits : 11 in [18067, 18157]
coverage : 2021-04-09 / 2021-04-15
created : 2023-08-21T15:57:42



Tropomi SWIR background noise (swir)

orbits : [2212, 18157]
coverage : 2018-03-18 / 2021-04-15
created : 2023-08-21T15:57:42

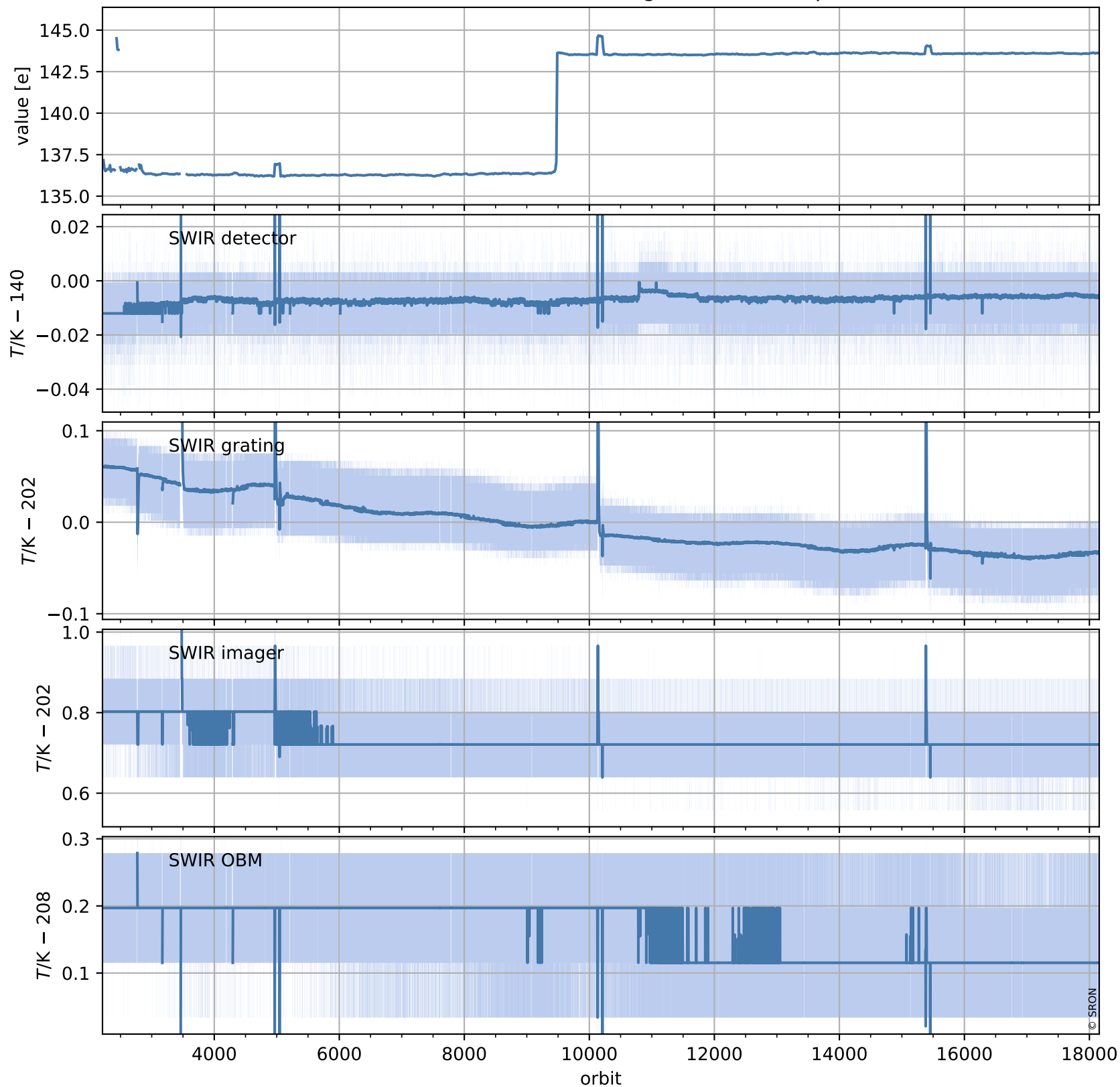
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18157]
coverage : 2018-03-18 / 2021-04-15
created : 2023-08-21T15:57:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18157]
coverage : 2018-03-18 / 2021-04-15
created : 2023-08-21T15:57:44

trend of normalized read-noise & temperatures

