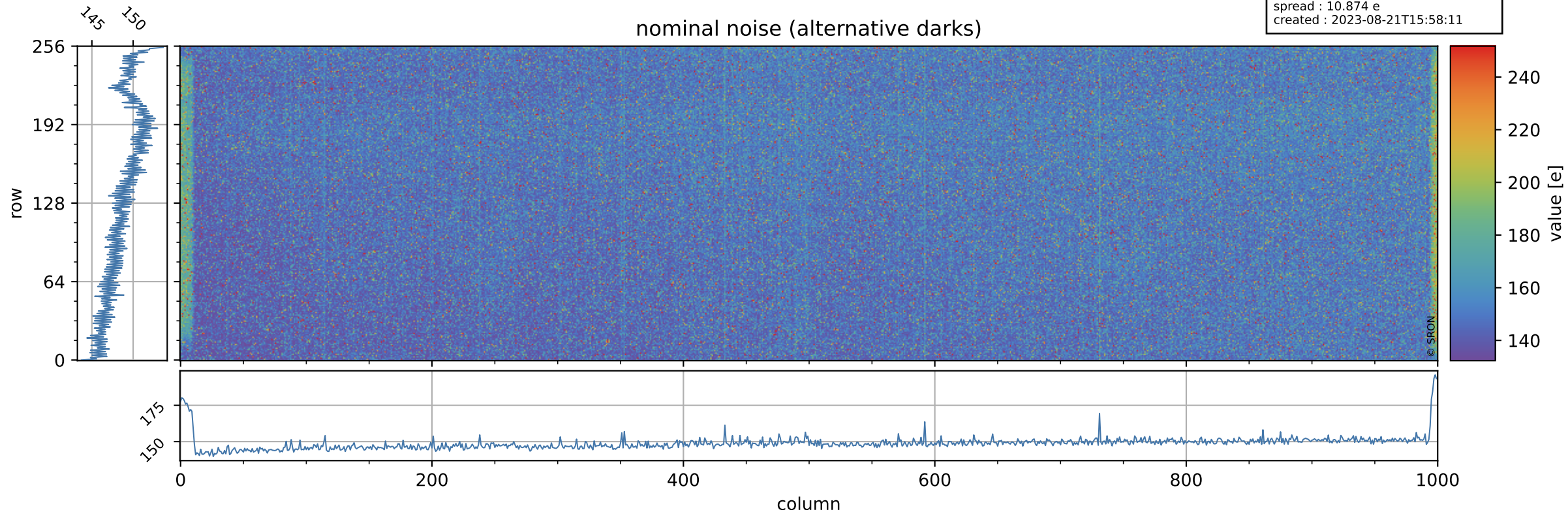


Tropomi SWIR background noise (swir)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.874 e
created : 2023-08-21T15:58:11

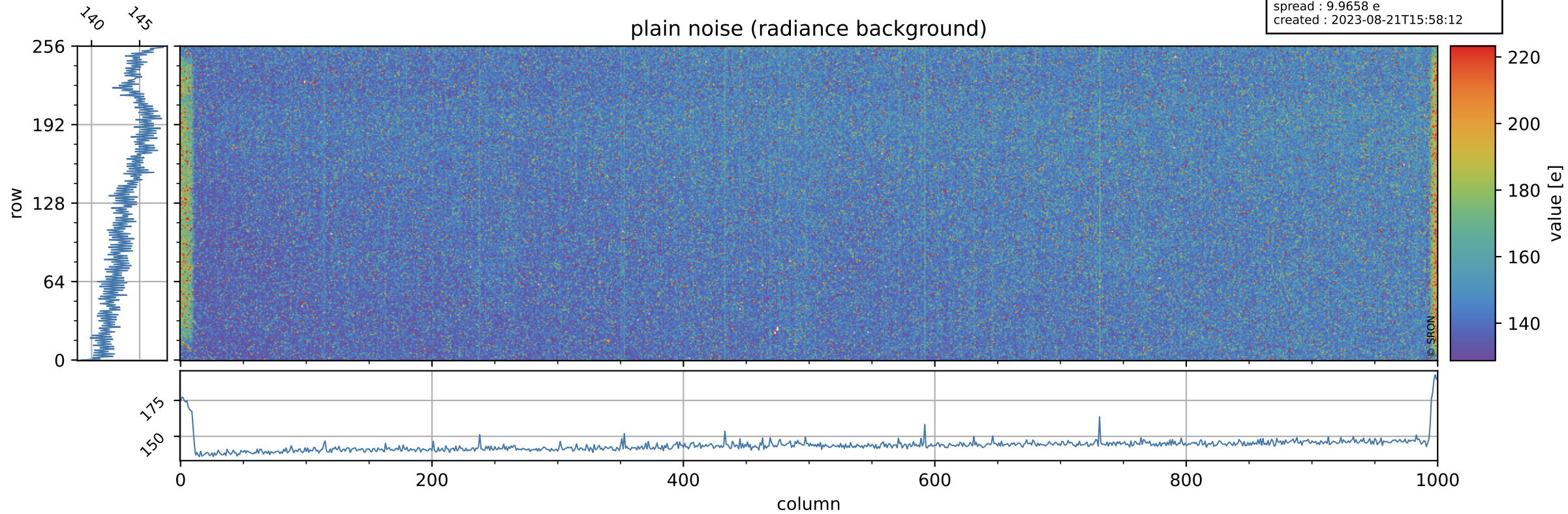
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9658 e
created : 2023-08-21T15:58:12

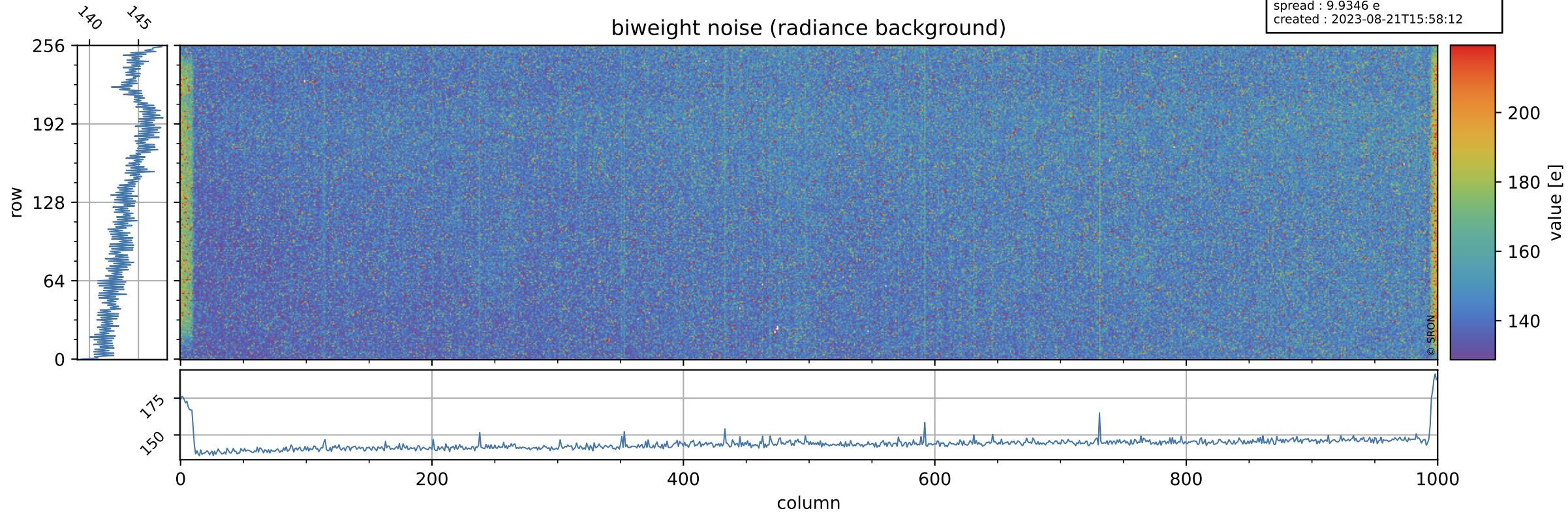
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9346 e
created : 2023-08-21T15:58:12

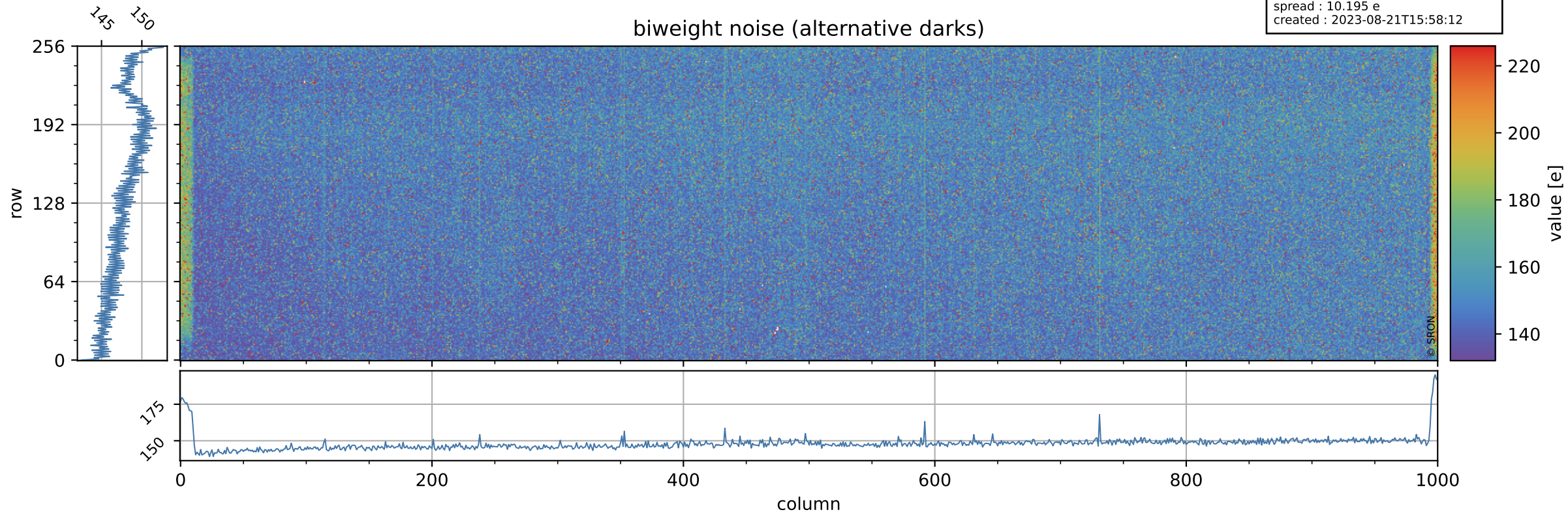
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.195 e
created : 2023-08-21T15:58:12

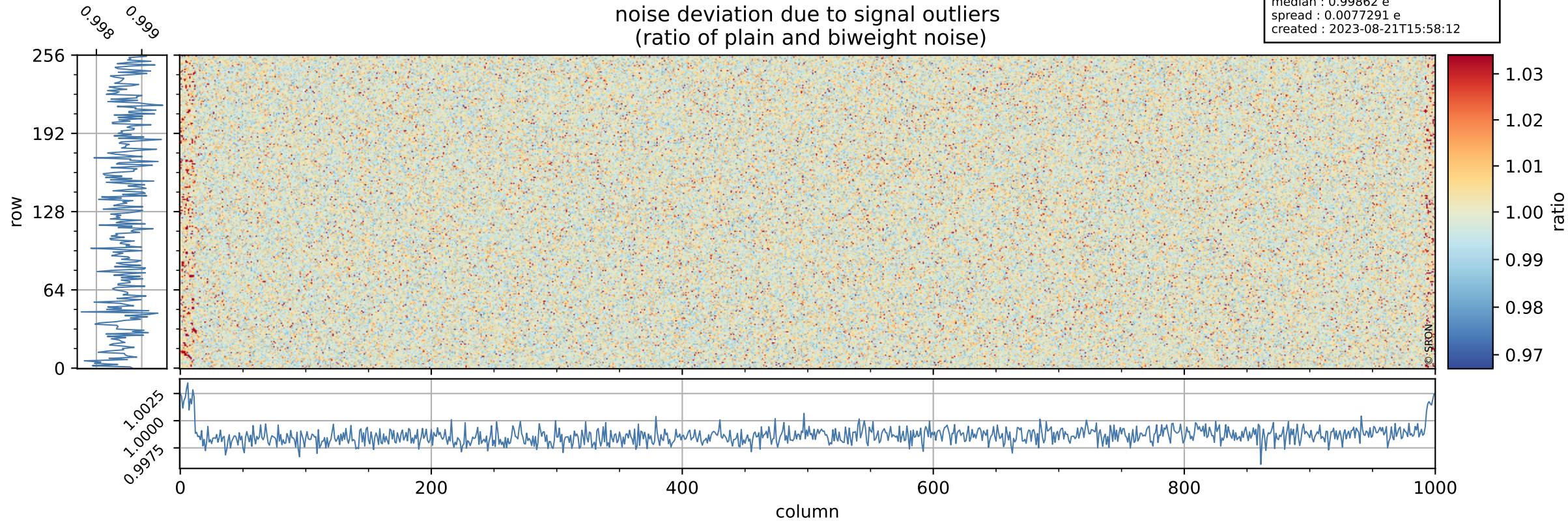
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

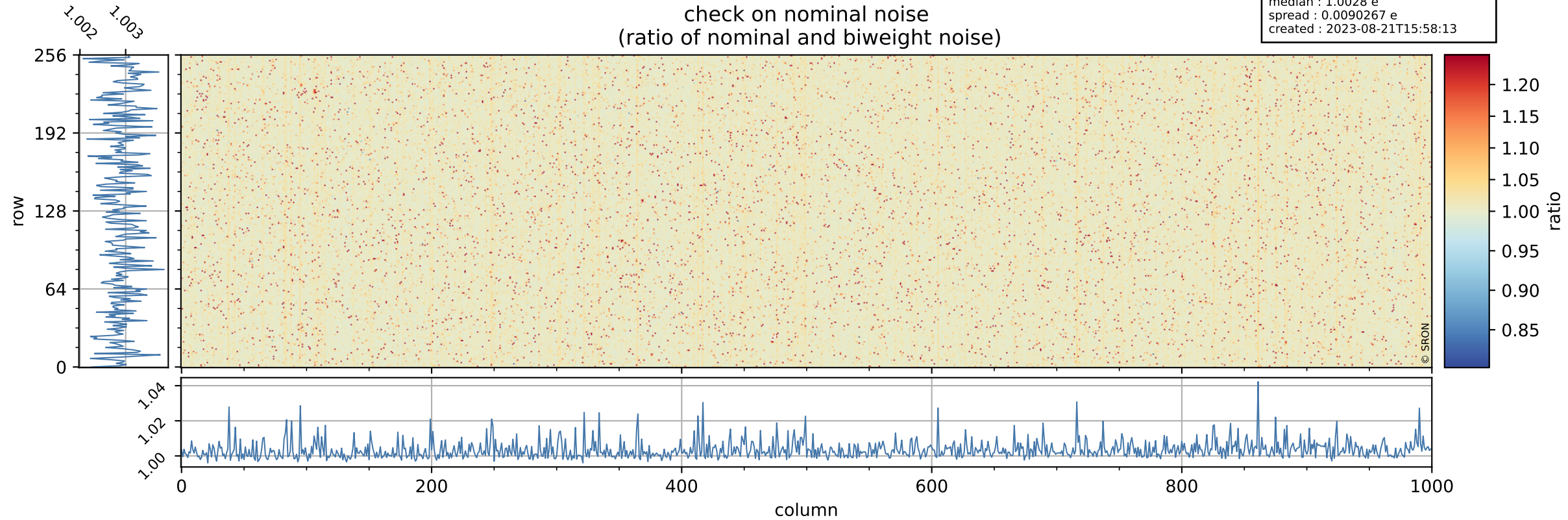
orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
median : 0.99862 e
spread : 0.0077291 e
created : 2023-08-21T15:58:12



Tropomi SWIR background noise (swir)

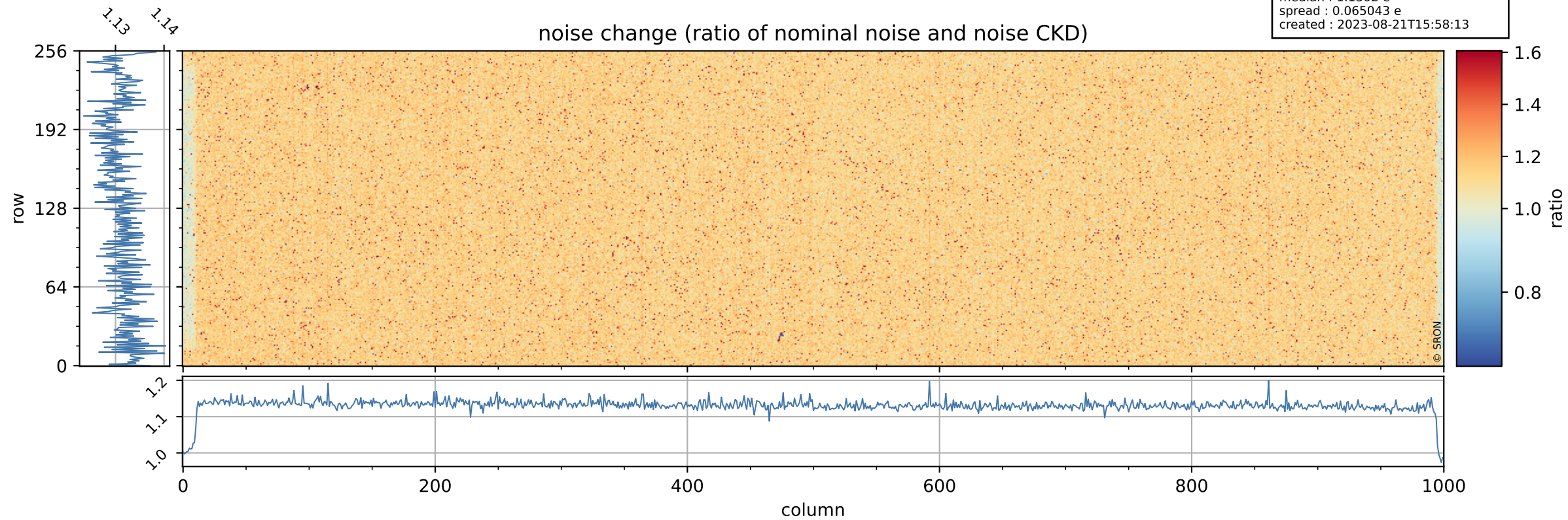
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
median : 1.0028 e
spread : 0.0090267 e
created : 2023-08-21T15:58:13



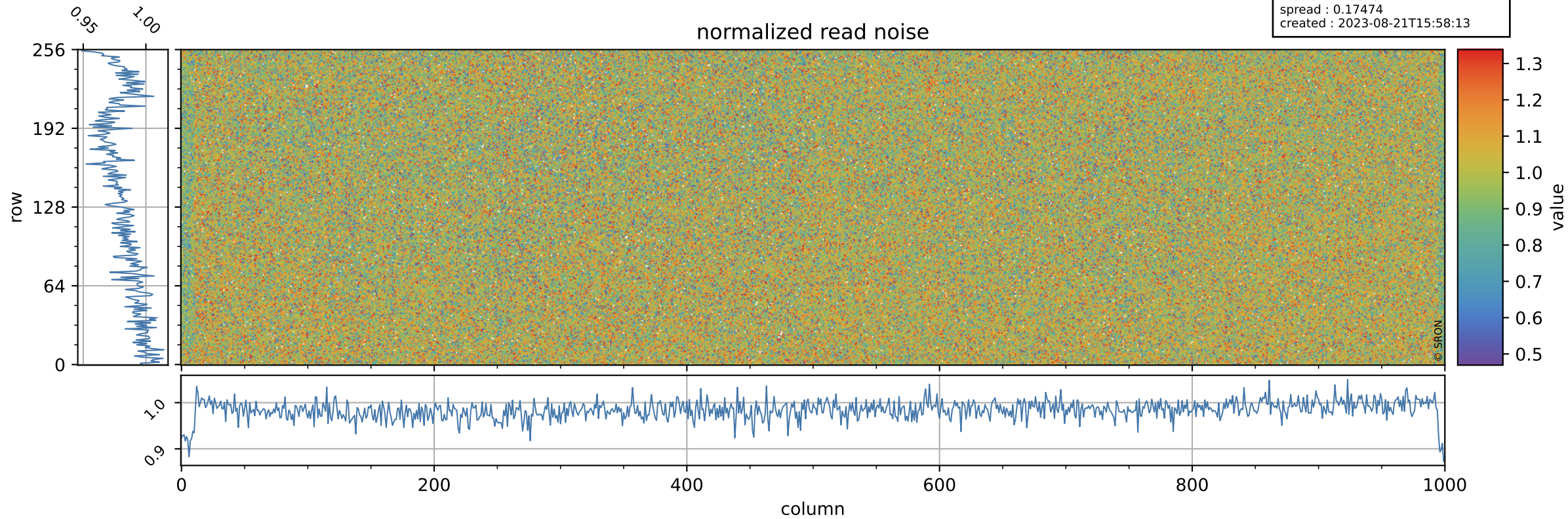
Tropomi SWIR background noise (swir)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
median : 1.1302 e
spread : 0.065043 e
created : 2023-08-21T15:58:13



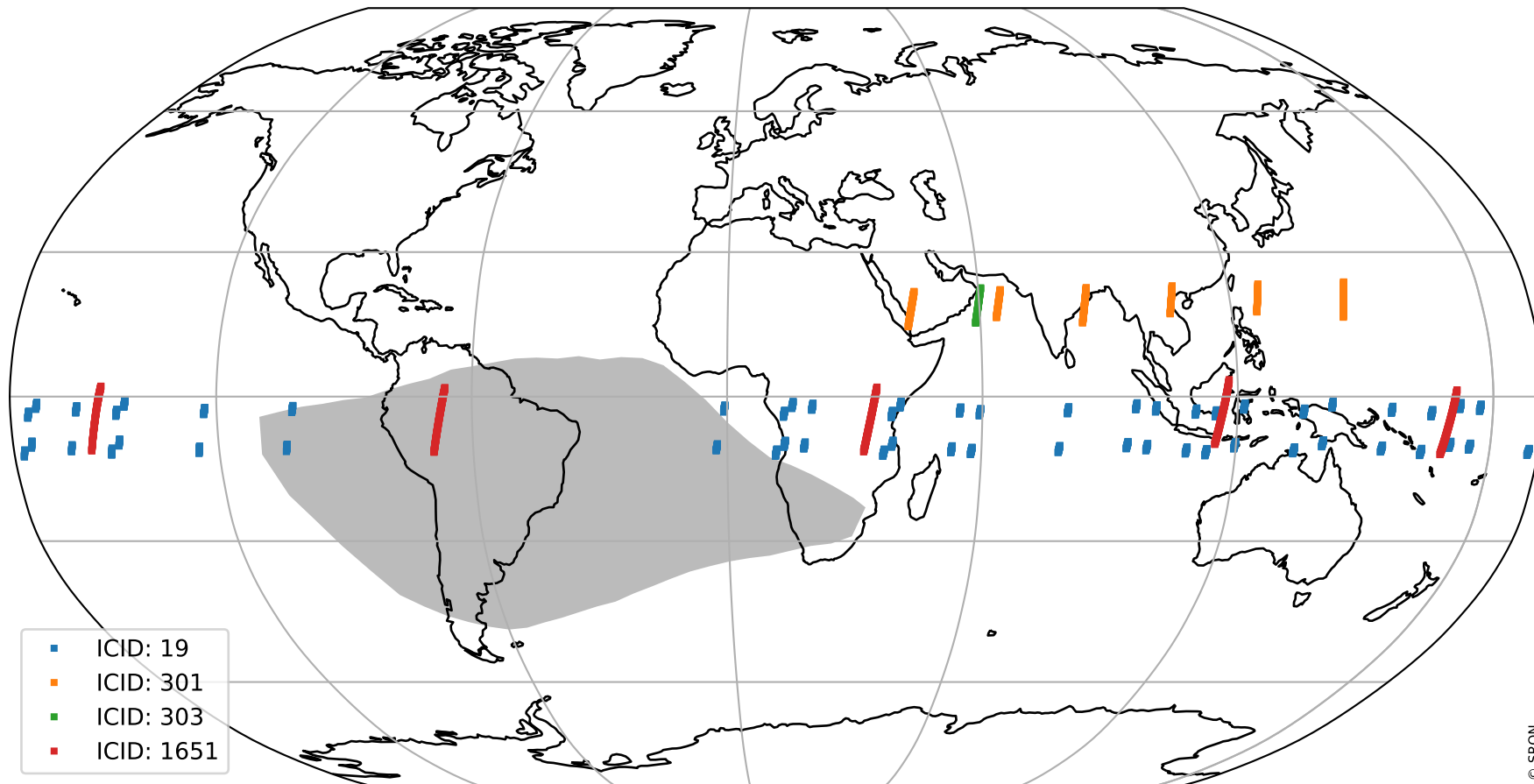
Tropomi SWIR background noise (swir)

orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
median : 0.98232
spread : 0.17474
created : 2023-08-21T15:58:13



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

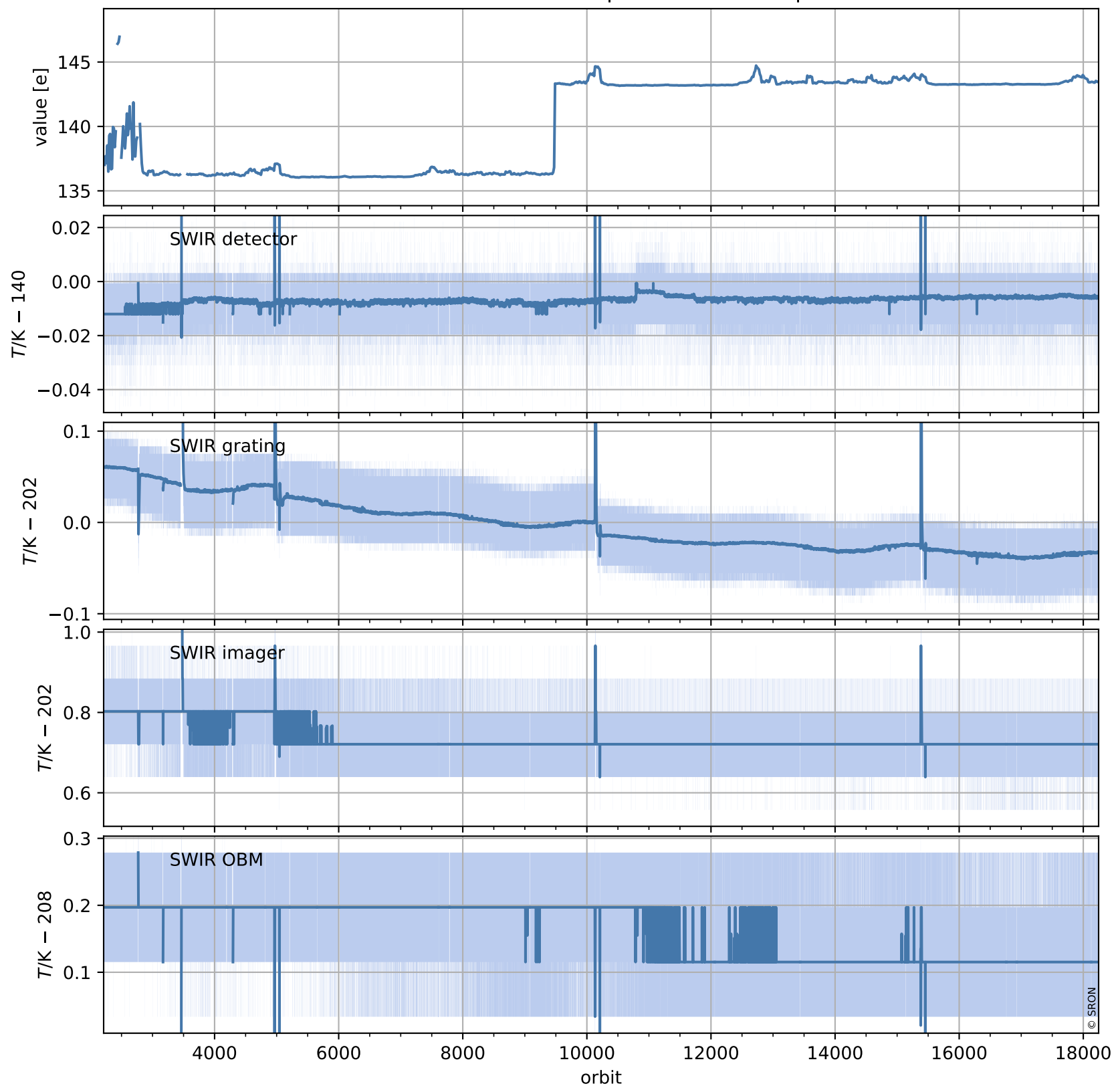
orbits : 12 in [18157, 18247]
coverage : 2021-04-15 / 2021-04-21
created : 2023-08-21T15:58:14



Tropomi SWIR background noise (swir)

orbits : [2212, 18247]
coverage : 2018-03-18 / 2021-04-21
created : 2023-08-21T15:58:14

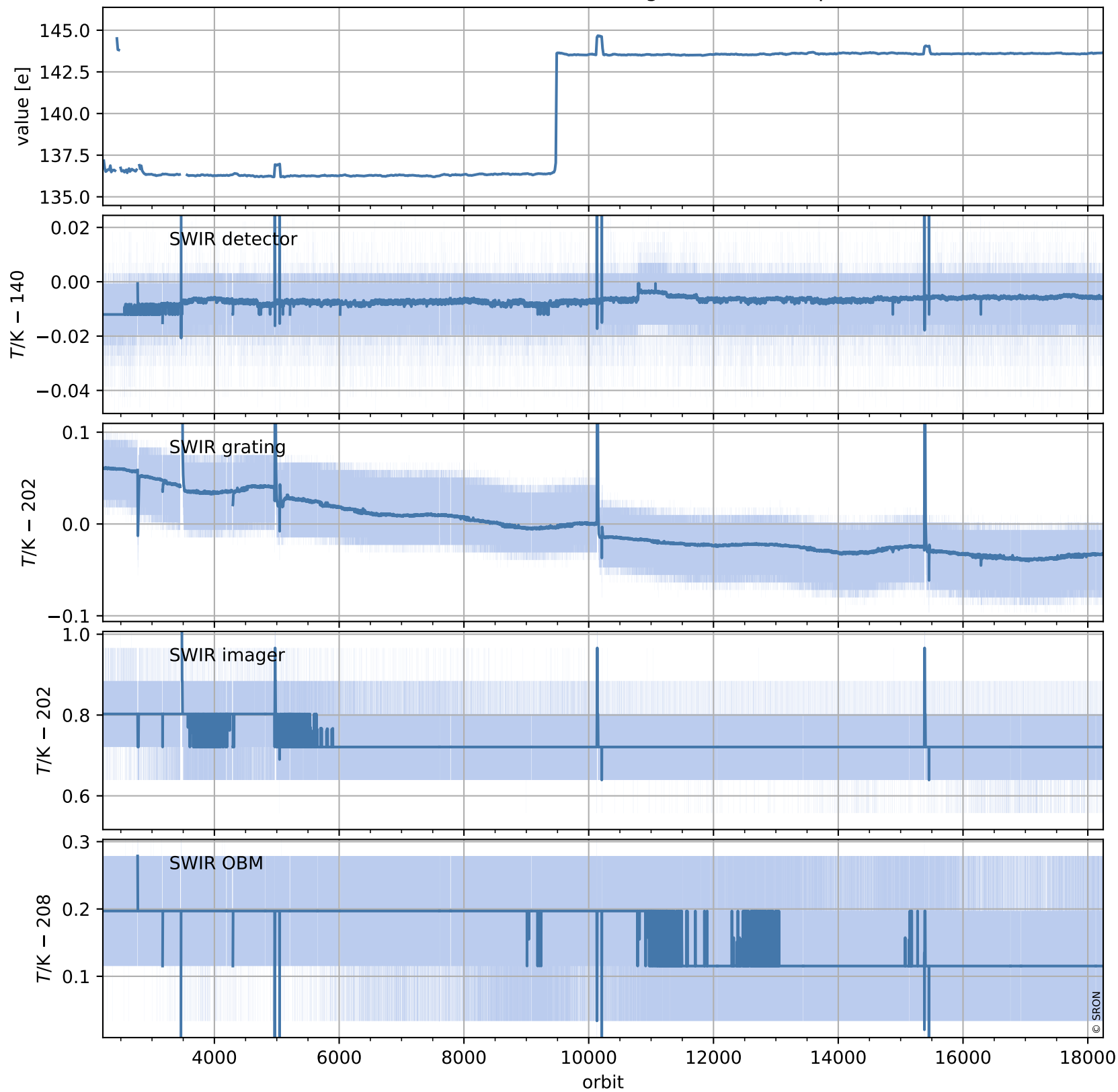
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18247]
coverage : 2018-03-18 / 2021-04-21
created : 2023-08-21T15:58:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18247]
coverage : 2018-03-18 / 2021-04-21
created : 2023-08-21T15:58:15

trend of normalized read-noise & temperatures

