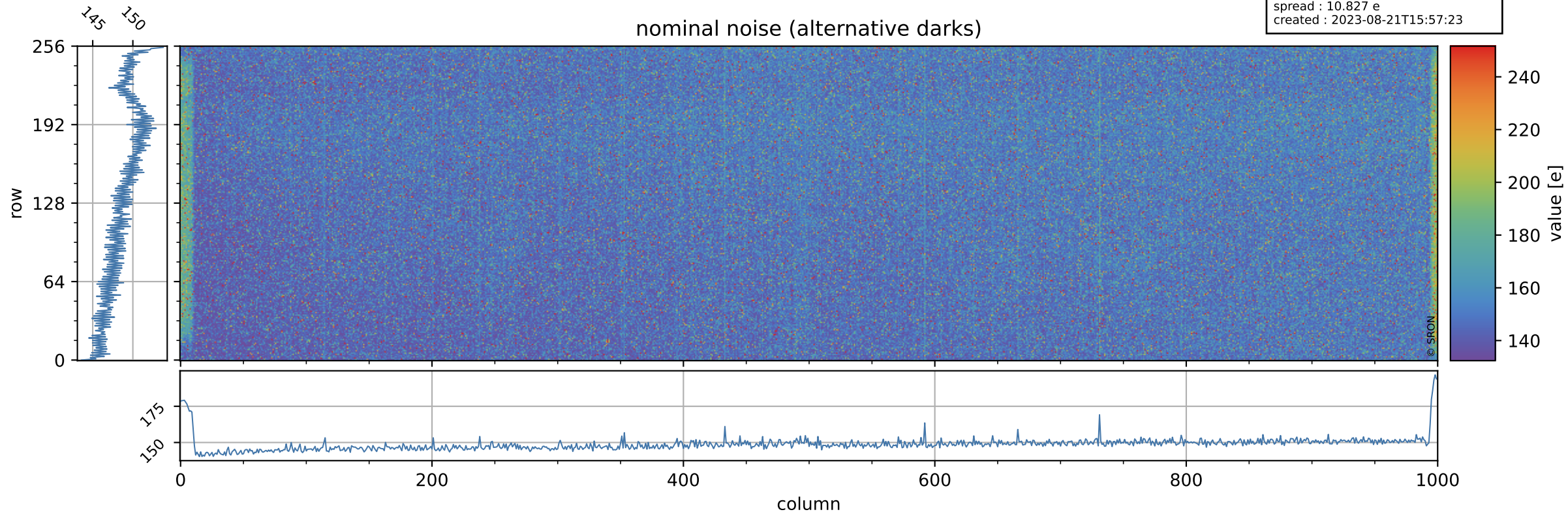


Tropomi SWIR background noise (swir)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.827 e
created : 2023-08-21T15:57:23

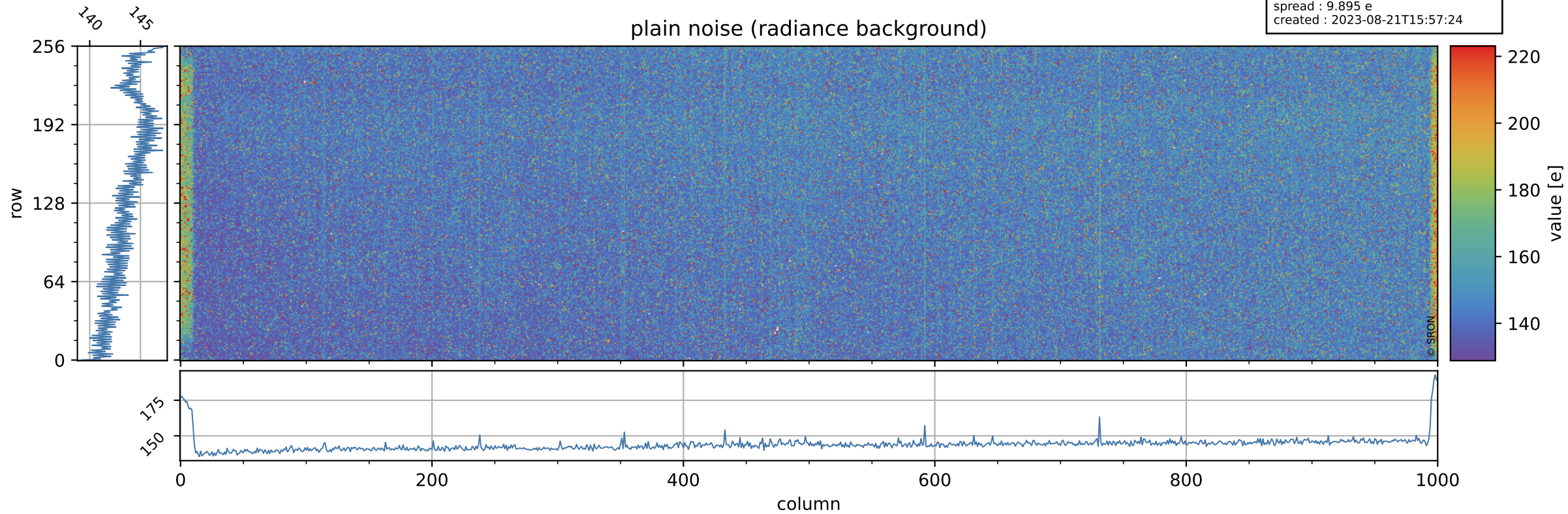
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.895 e
created : 2023-08-21T15:57:24

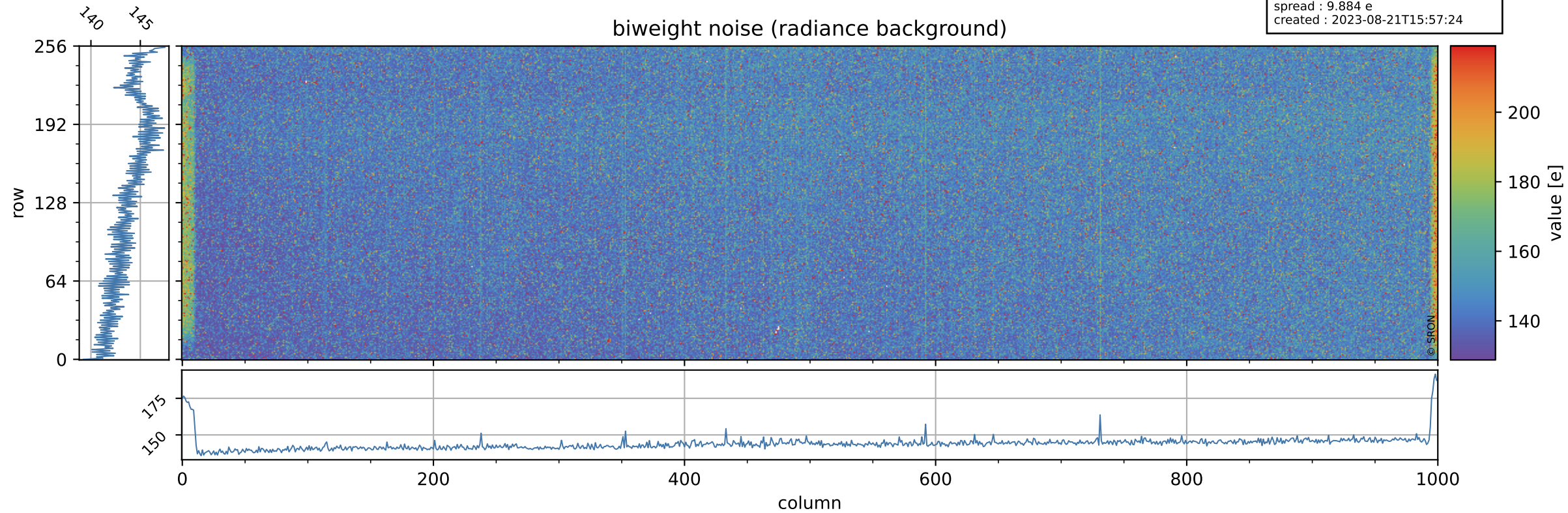
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.884 e
created : 2023-08-21T15:57:24

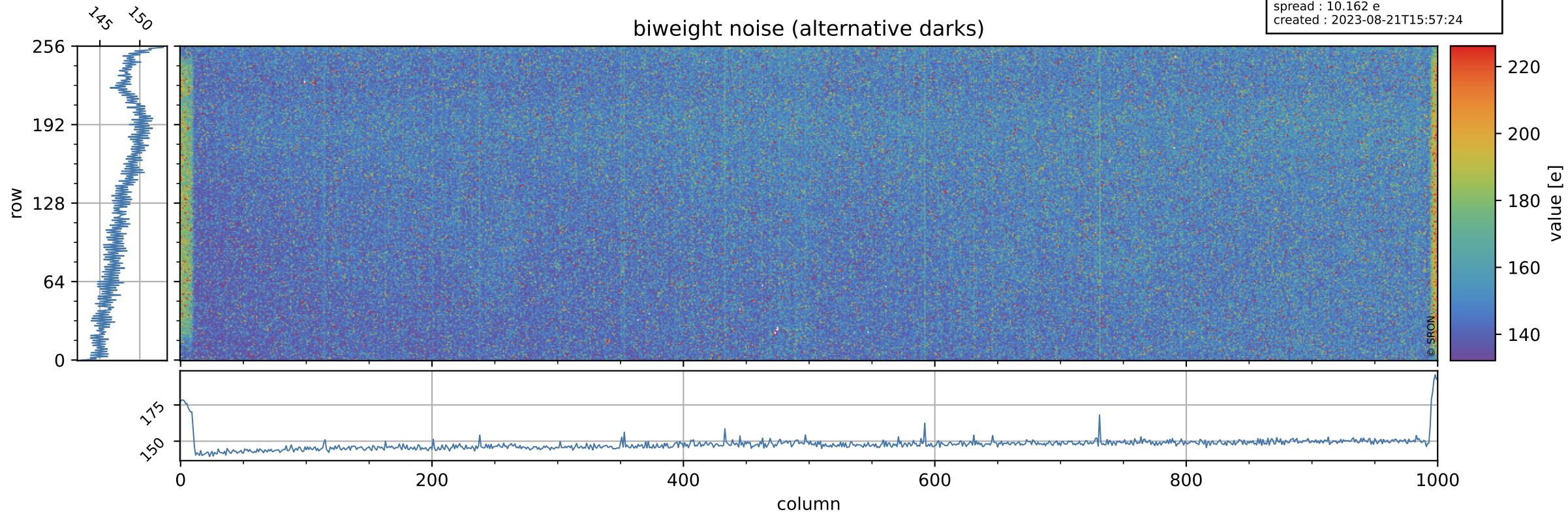
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.162 e
created : 2023-08-21T15:57:24

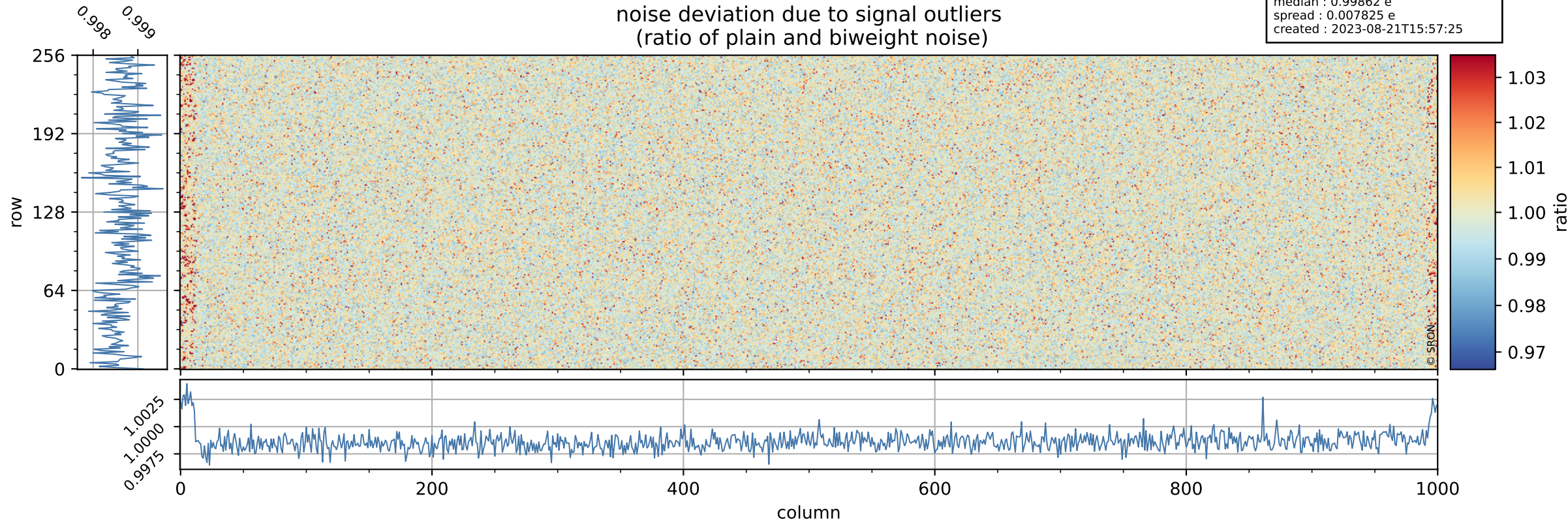
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

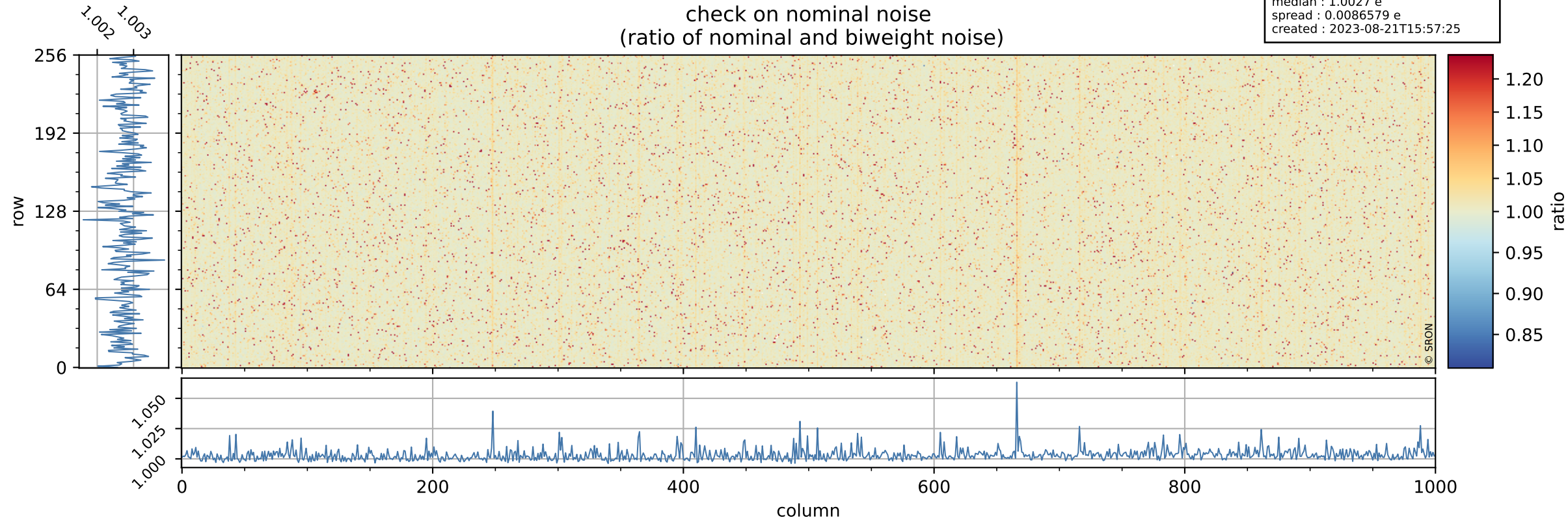
orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
median : 0.99862 e
spread : 0.007825 e
created : 2023-08-21T15:57:25



Tropomi SWIR background noise (swir)

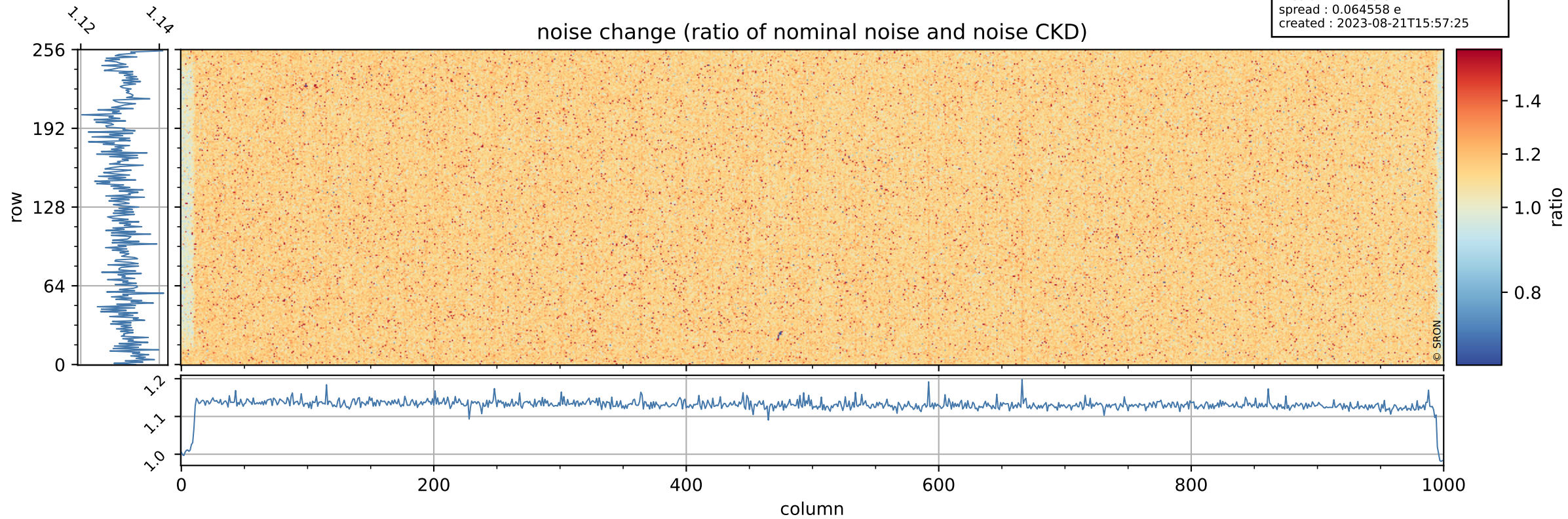
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
median : 1.0027 e
spread : 0.0086579 e
created : 2023-08-21T15:57:25



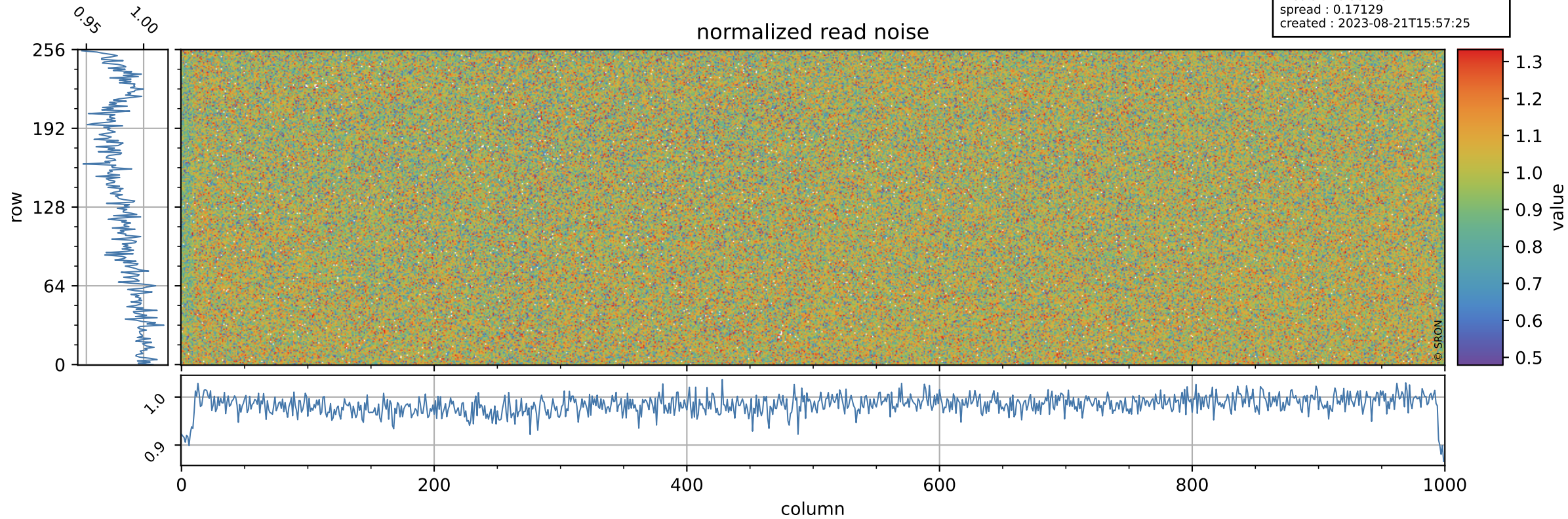
Tropomi SWIR background noise (swir)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
median : 1.1298 e
spread : 0.064558 e
created : 2023-08-21T15:57:25



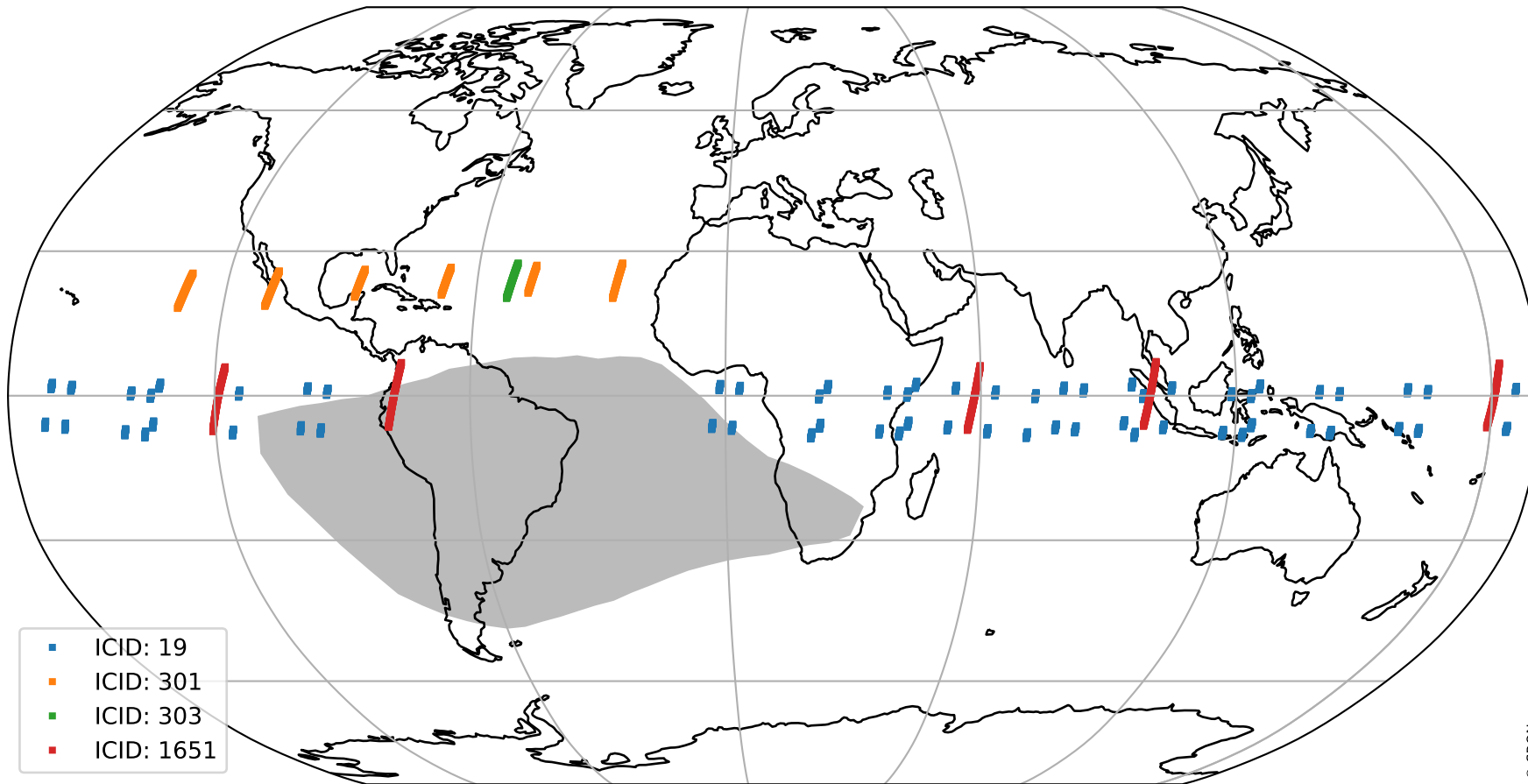
Tropomi SWIR background noise (swir)

orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
median : 0.98228
spread : 0.17129
created : 2023-08-21T15:57:25



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

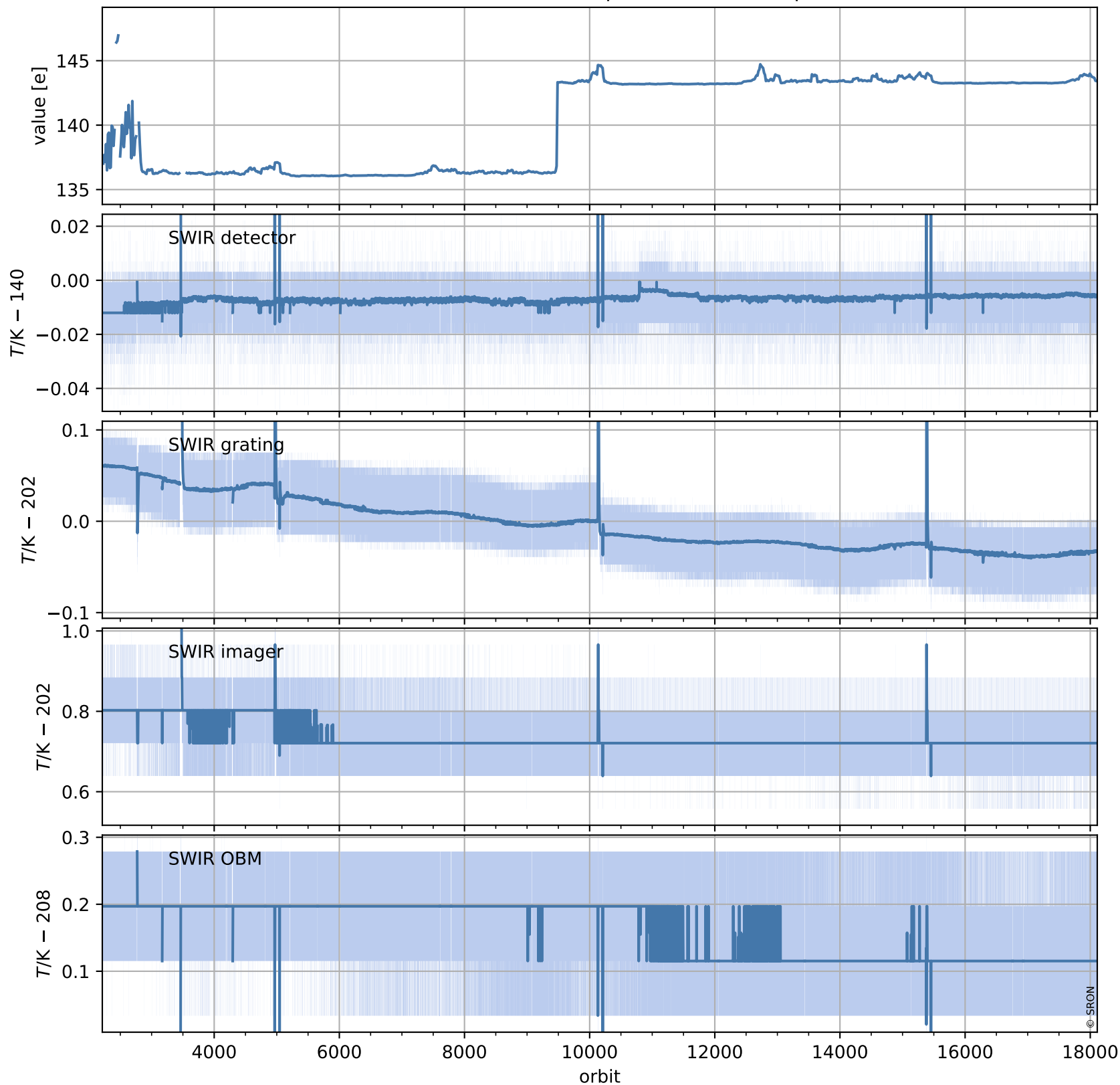
orbits : 12 in [18037, 18112]
coverage : 2021-04-06 / 2021-04-11
created : 2023-08-21T15:57:26



Tropomi SWIR background noise (swir)

orbits : [2212, 18112]
coverage : 2018-03-18 / 2021-04-11
created : 2023-08-21T15:57:26

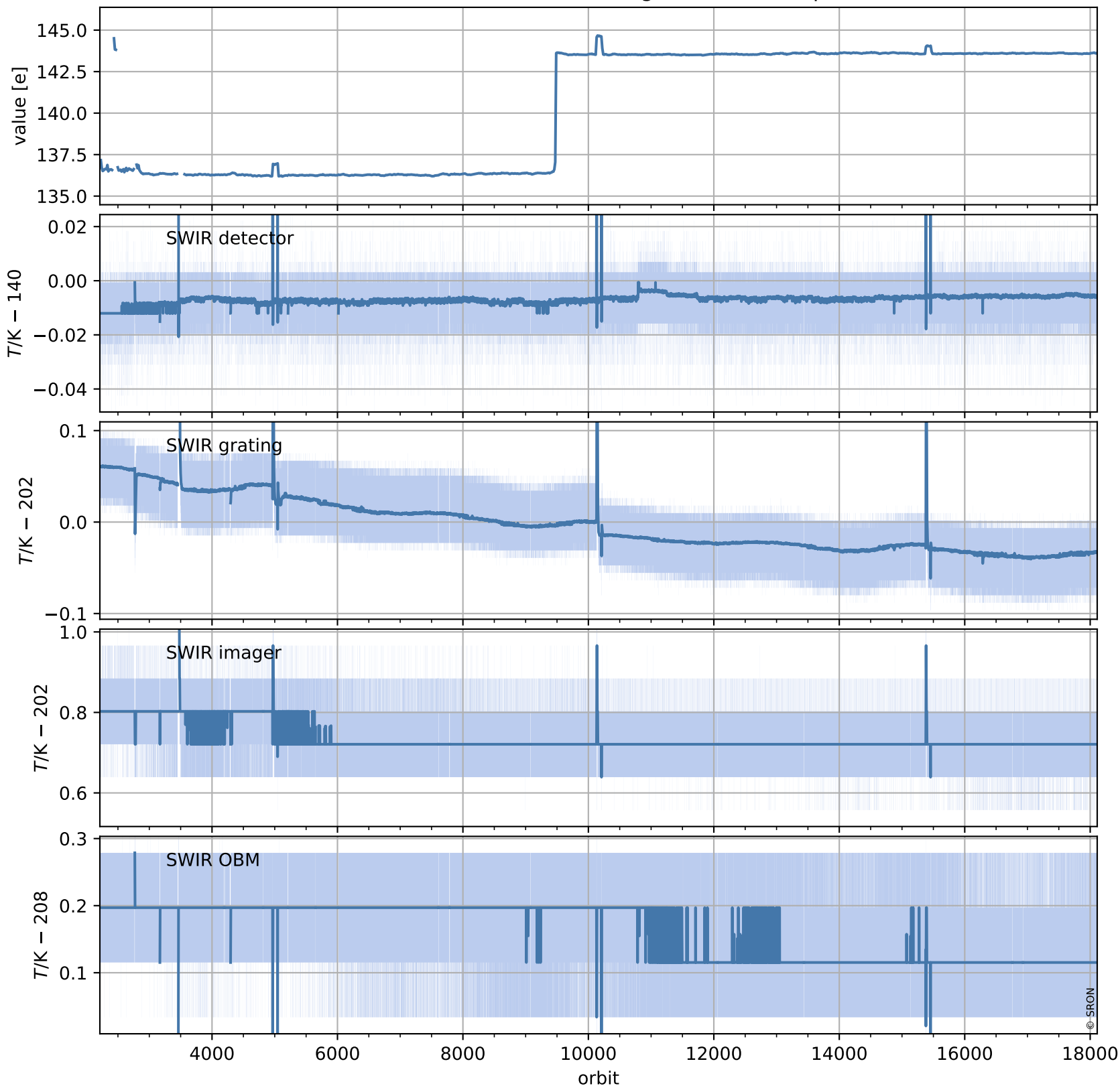
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18112]
coverage : 2018-03-18 / 2021-04-11
created : 2023-08-21T15:57:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18112]
coverage : 2018-03-18 / 2021-04-11
created : 2023-08-21T15:57:28

trend of normalized read-noise & temperatures

