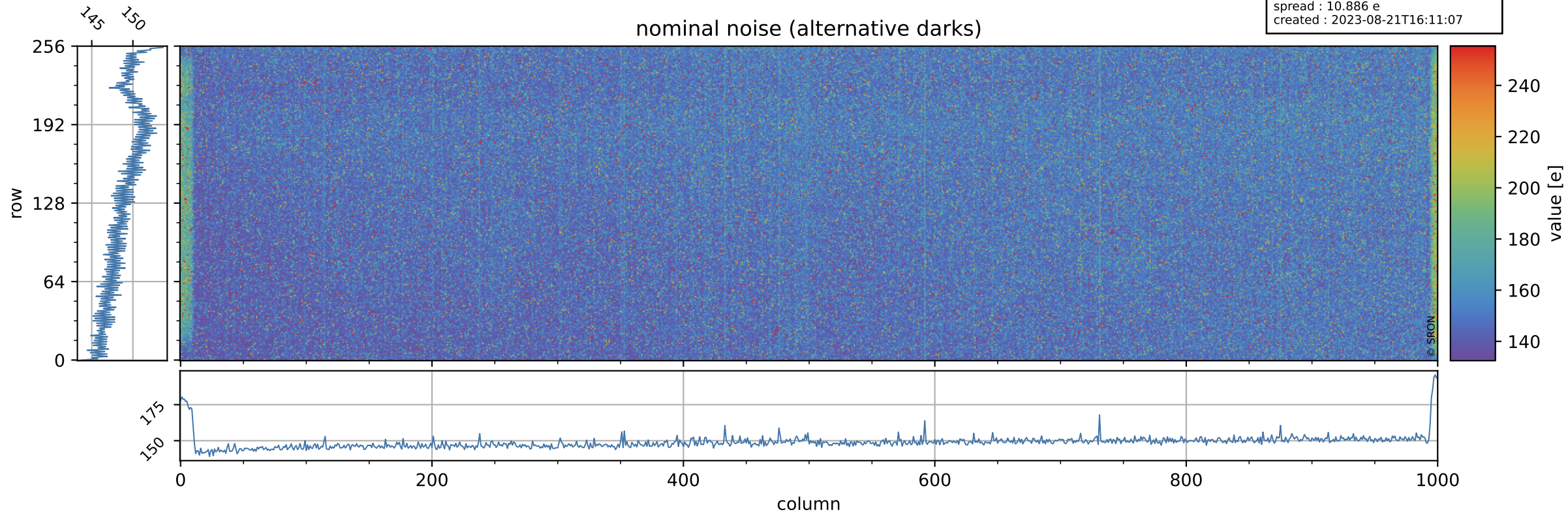


Tropomi SWIR background noise (swir)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.886 e
created : 2023-08-21T16:11:07

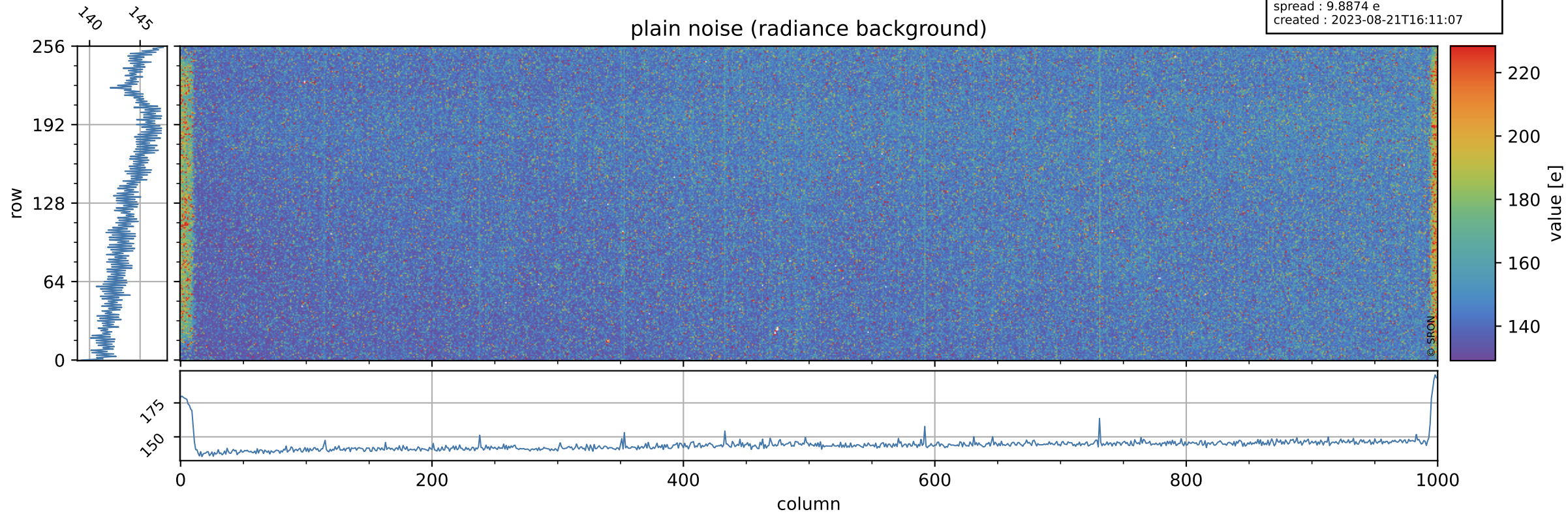
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8874 e
created : 2023-08-21T16:11:07

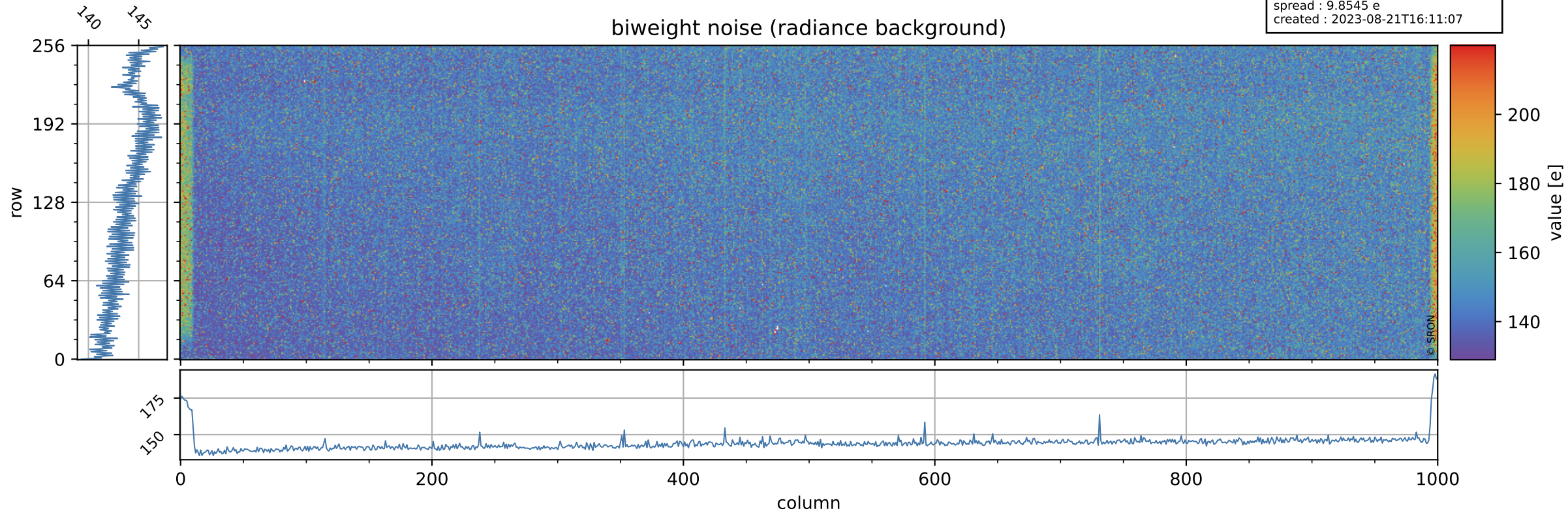
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8545 e
created : 2023-08-21T16:11:07

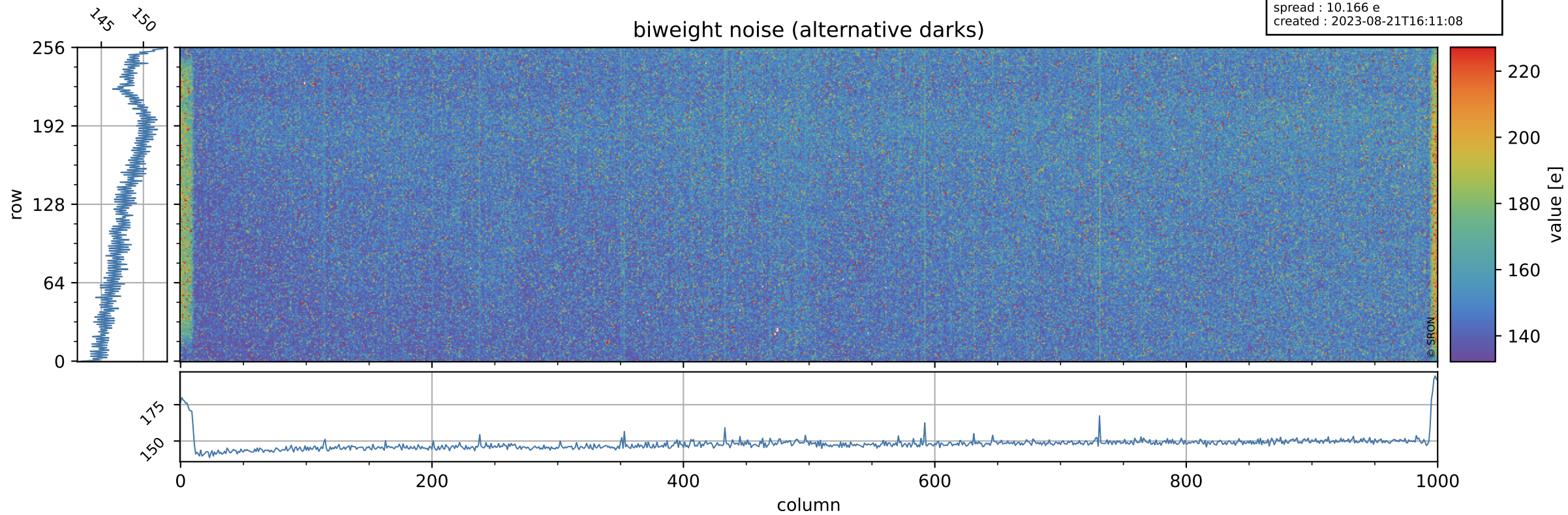
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.166 e
created : 2023-08-21T16:11:08

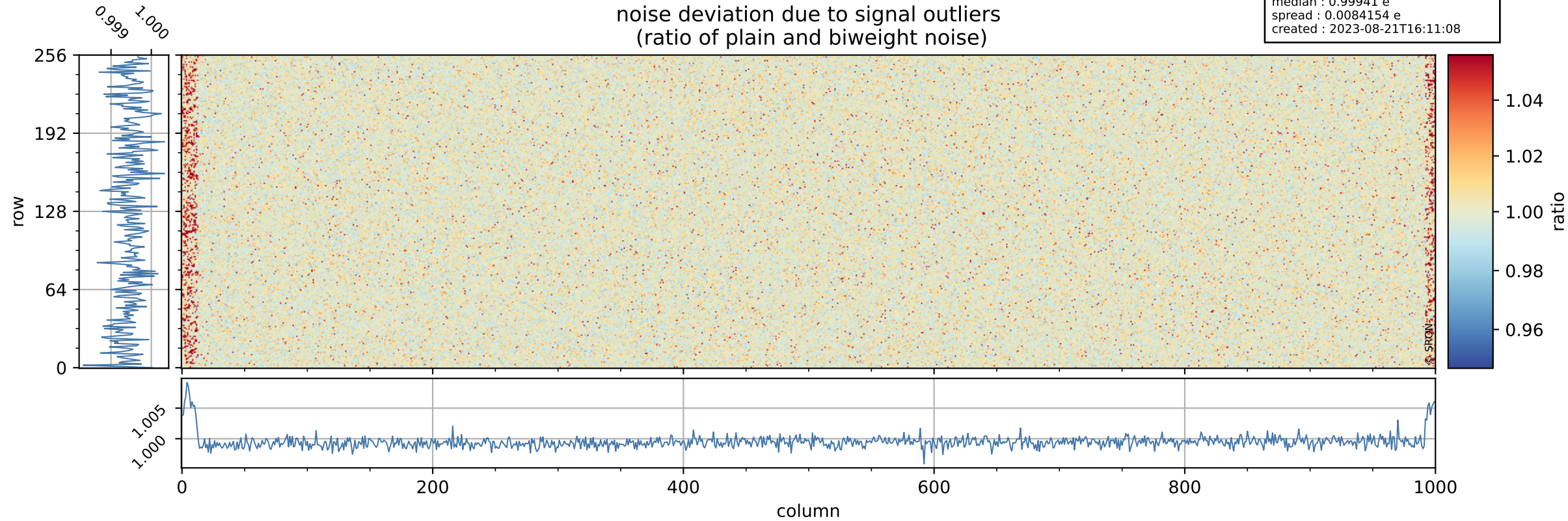
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

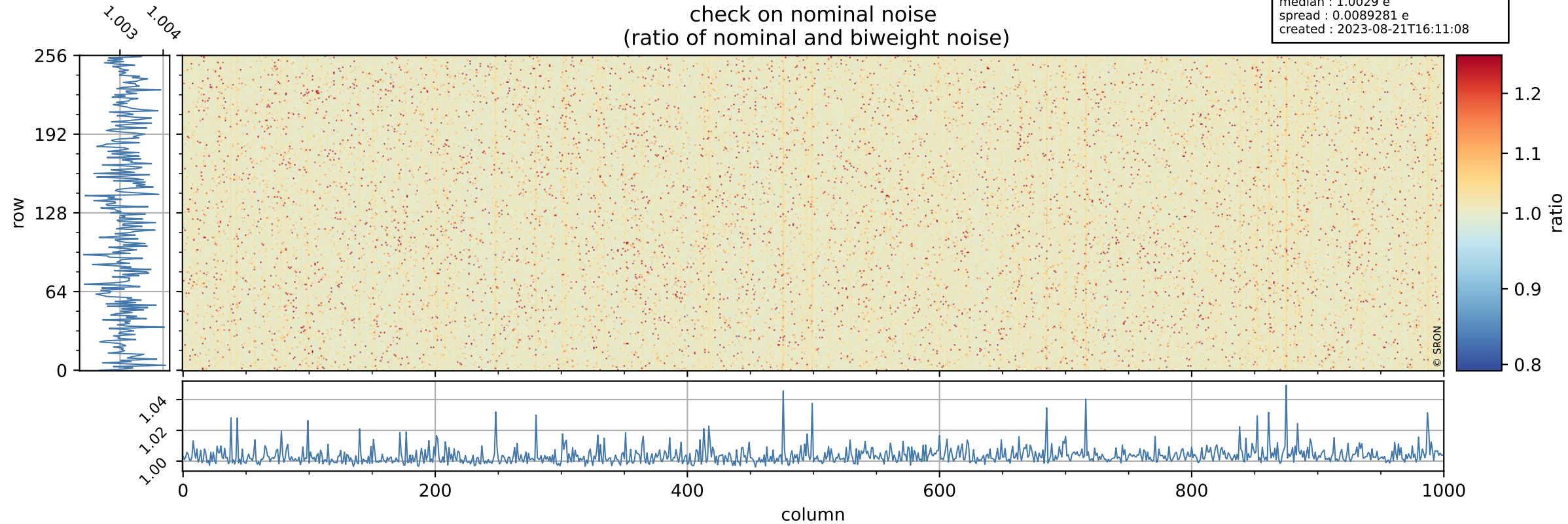
orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
median : 0.99941 e
spread : 0.0084154 e
created : 2023-08-21T16:11:08



Tropomi SWIR background noise (swir)

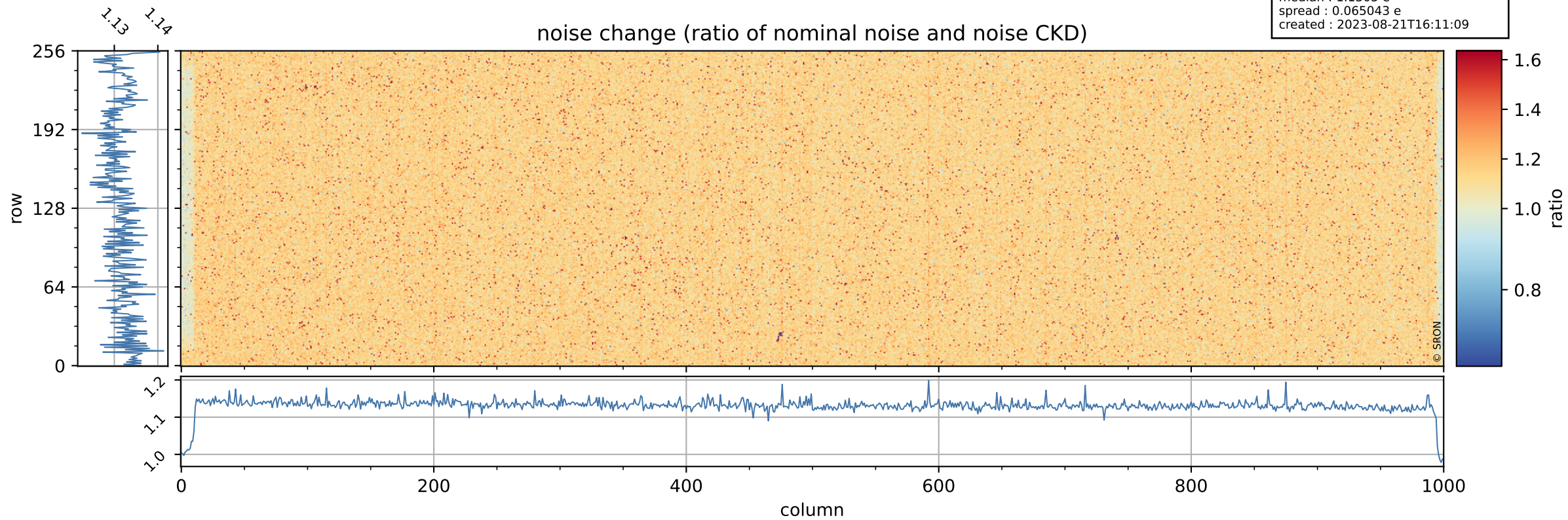
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
median : 1.0029 e
spread : 0.0089281 e
created : 2023-08-21T16:11:08



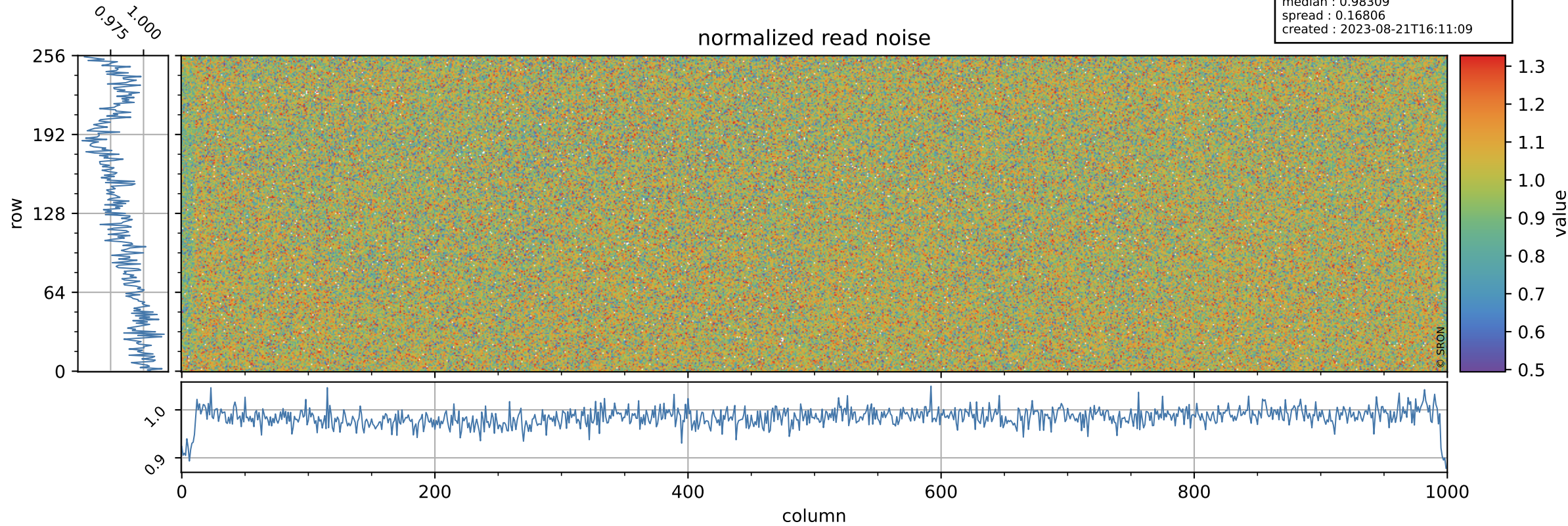
Tropomi SWIR background noise (swir)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
median : 1.1305 e
spread : 0.065043 e
created : 2023-08-21T16:11:09



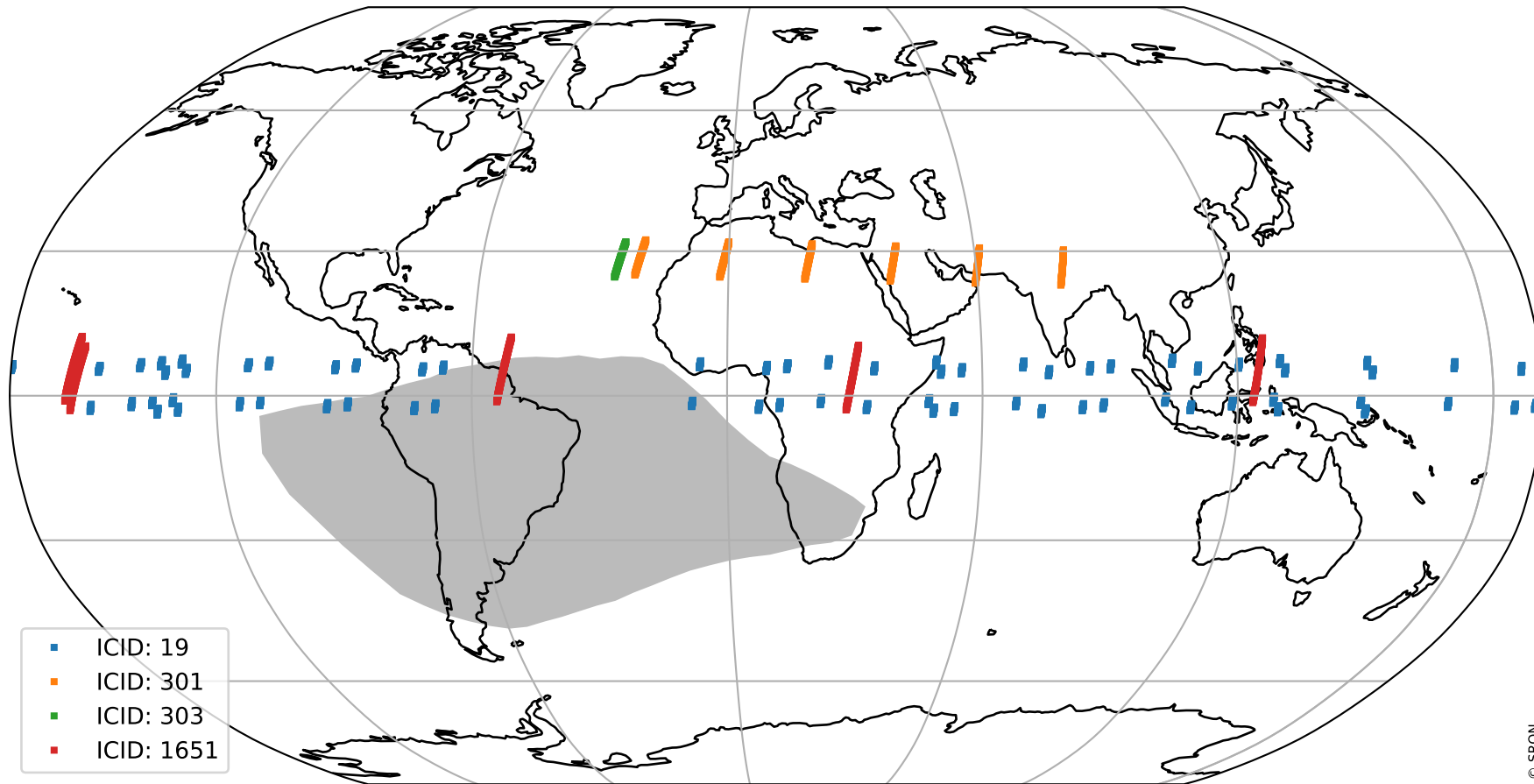
Tropomi SWIR background noise (swir)

orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
median : 0.98309
spread : 0.16806
created : 2023-08-21T16:11:09



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

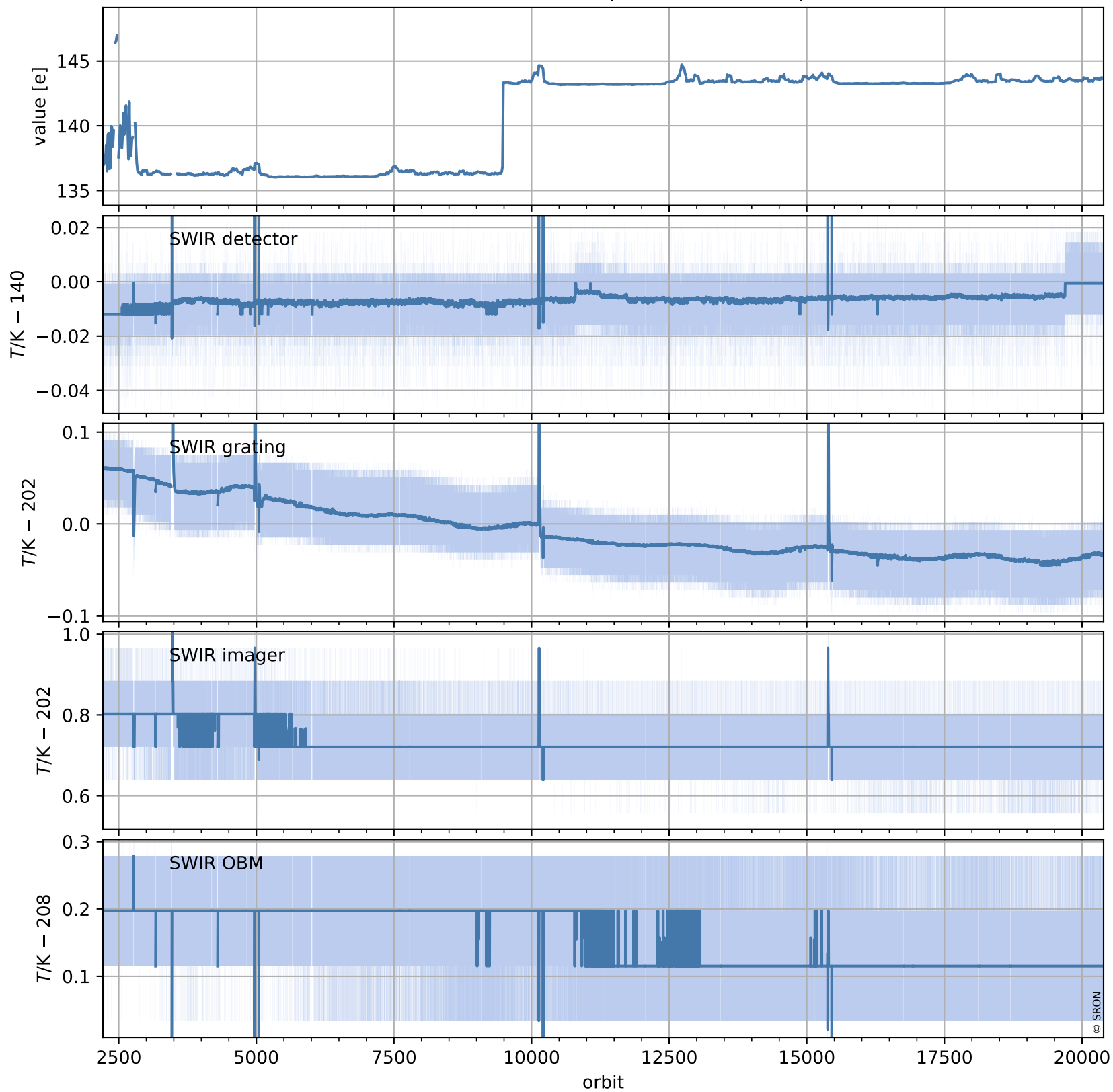
orbits : 12 in [20302, 20392]
coverage : 2021-09-13 / 2021-09-19
created : 2023-08-21T16:11:09



Tropomi SWIR background noise (swir)

orbits : [2212, 20392]
coverage : 2018-03-18 / 2021-09-19
created : 2023-08-21T16:11:10

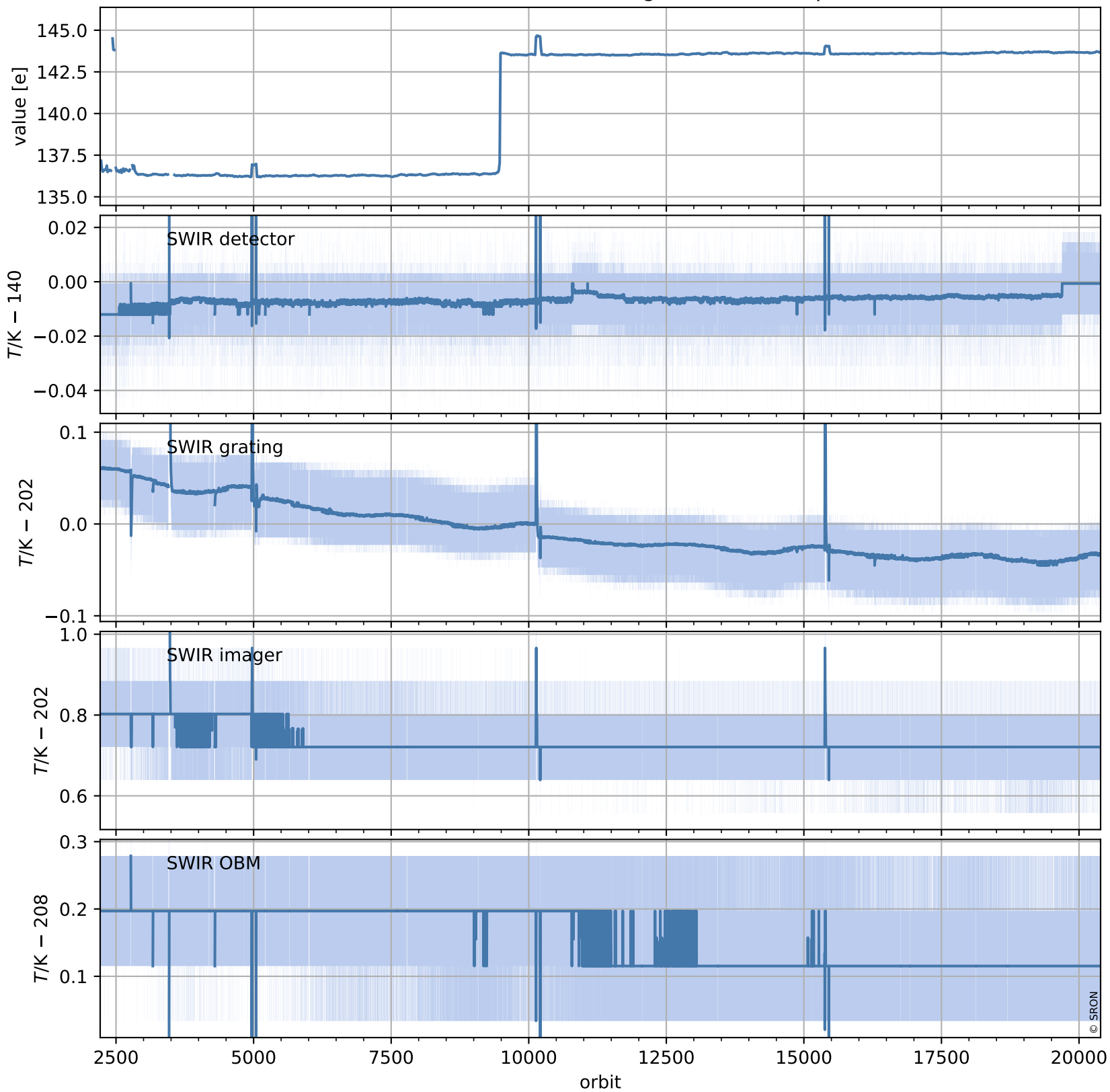
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20392]
coverage : 2018-03-18 / 2021-09-19
created : 2023-08-21T16:11:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20392]
coverage : 2018-03-18 / 2021-09-19
created : 2023-08-21T16:11:11

trend of normalized read-noise & temperatures

