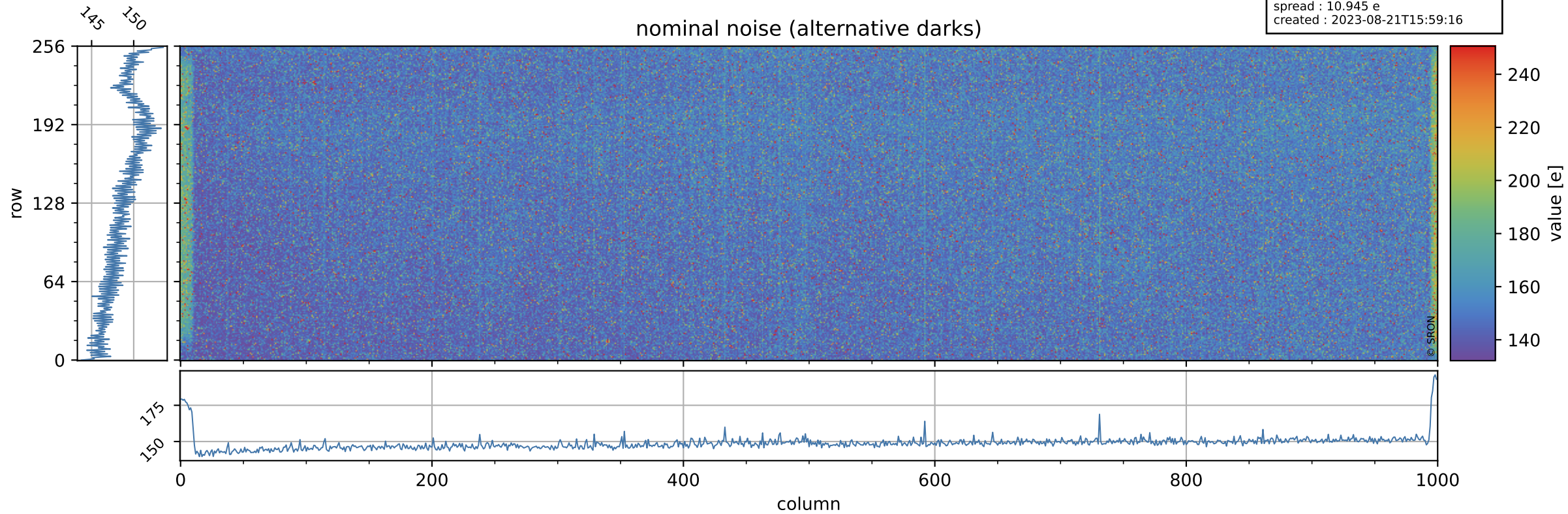


Tropomi SWIR background noise (swir)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.945 e
created : 2023-08-21T15:59:16

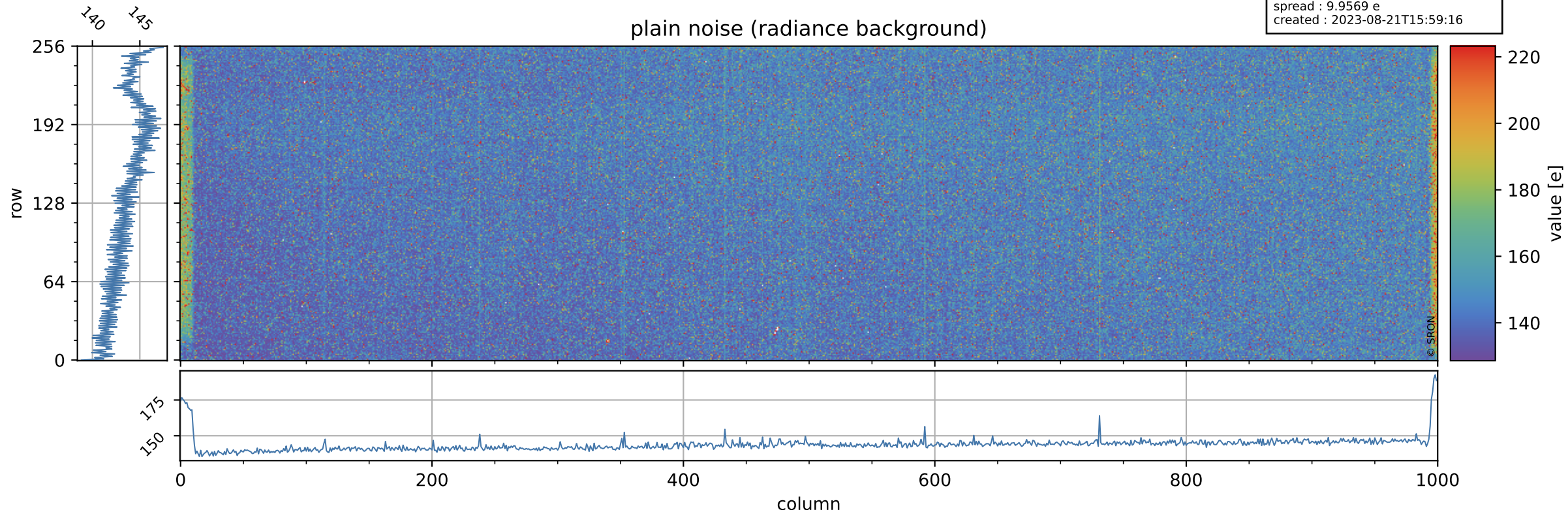
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9569 e
created : 2023-08-21T15:59:16

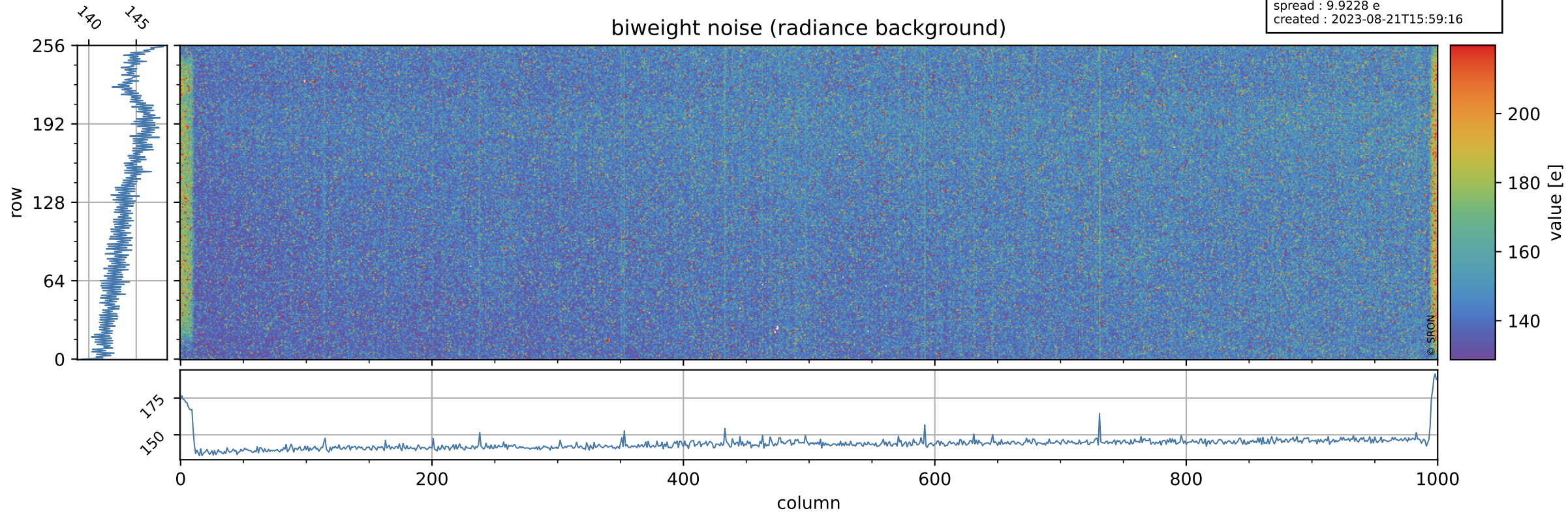
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9228 e
created : 2023-08-21T15:59:16

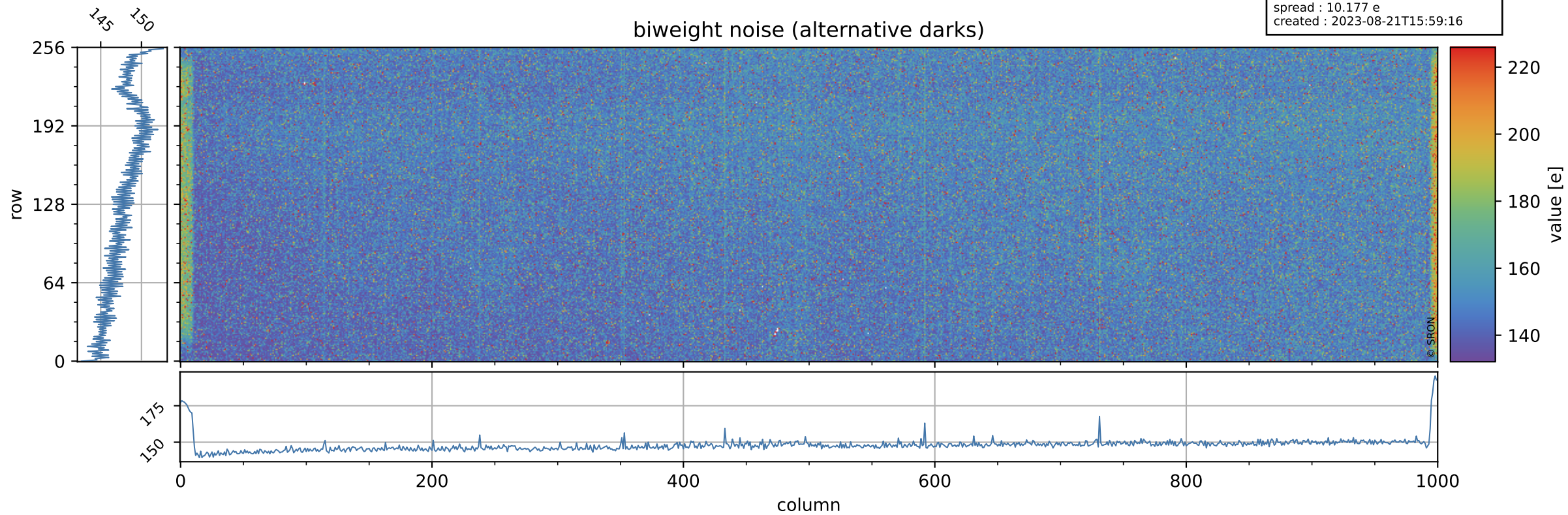
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.177 e
created : 2023-08-21T15:59:16

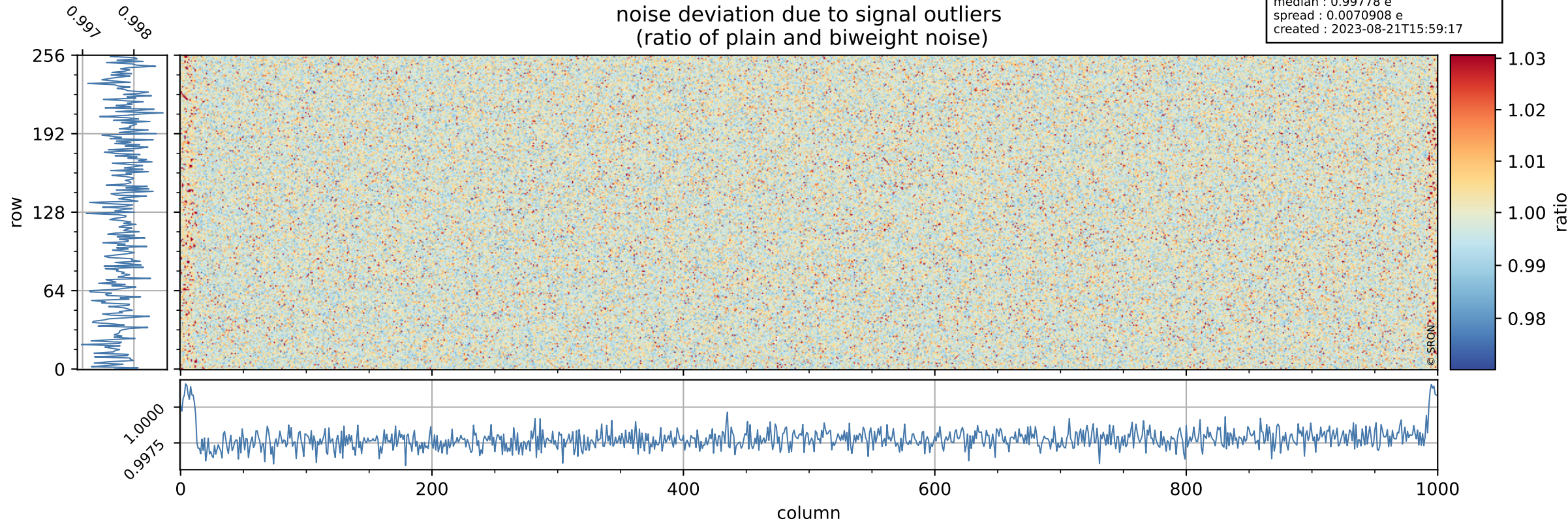
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

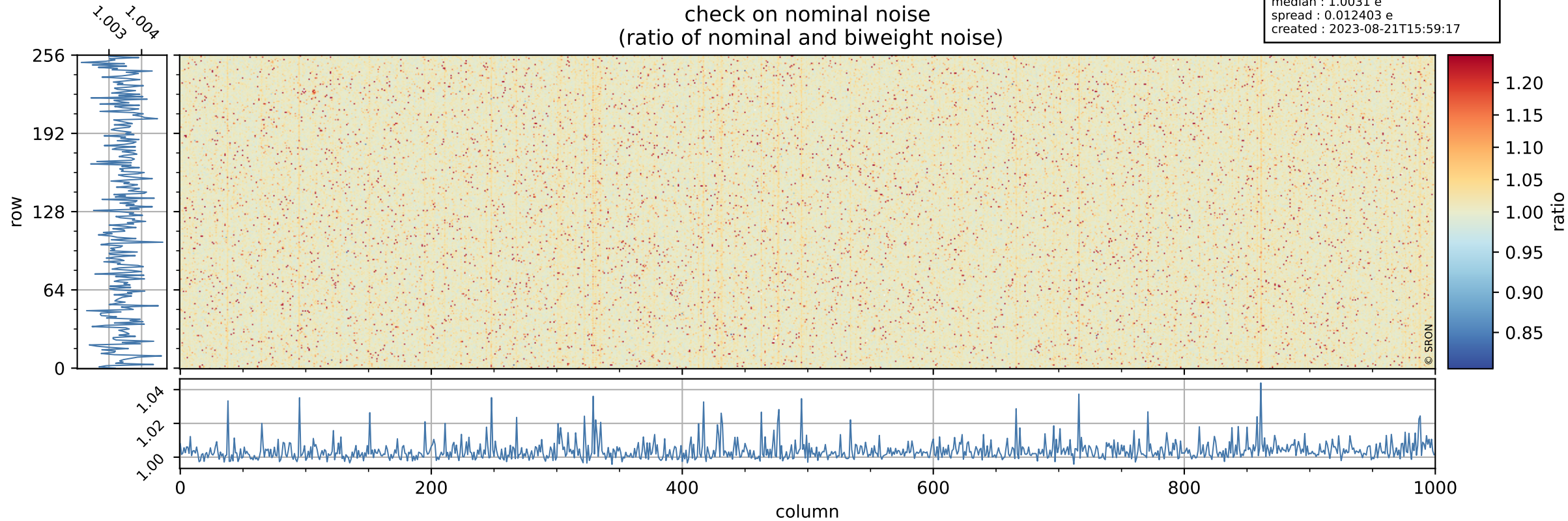
orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
median : 0.99778 e
spread : 0.0070908 e
created : 2023-08-21T15:59:17



Tropomi SWIR background noise (swir)

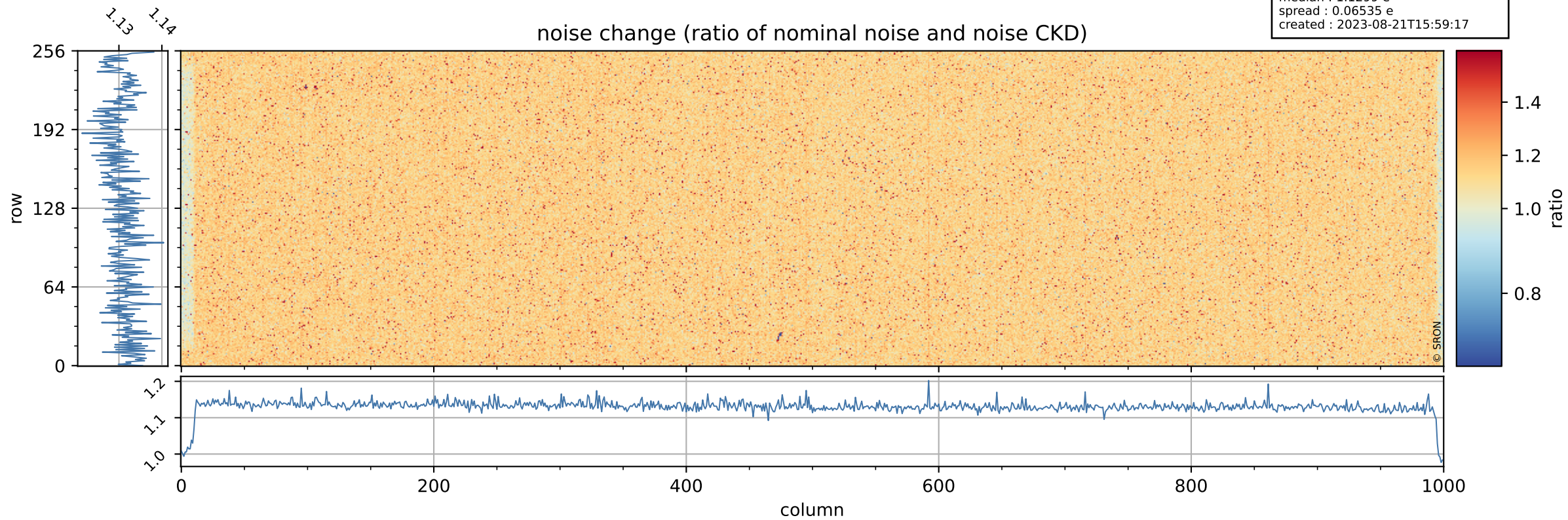
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
median : 1.0031 e
spread : 0.012403 e
created : 2023-08-21T15:59:17



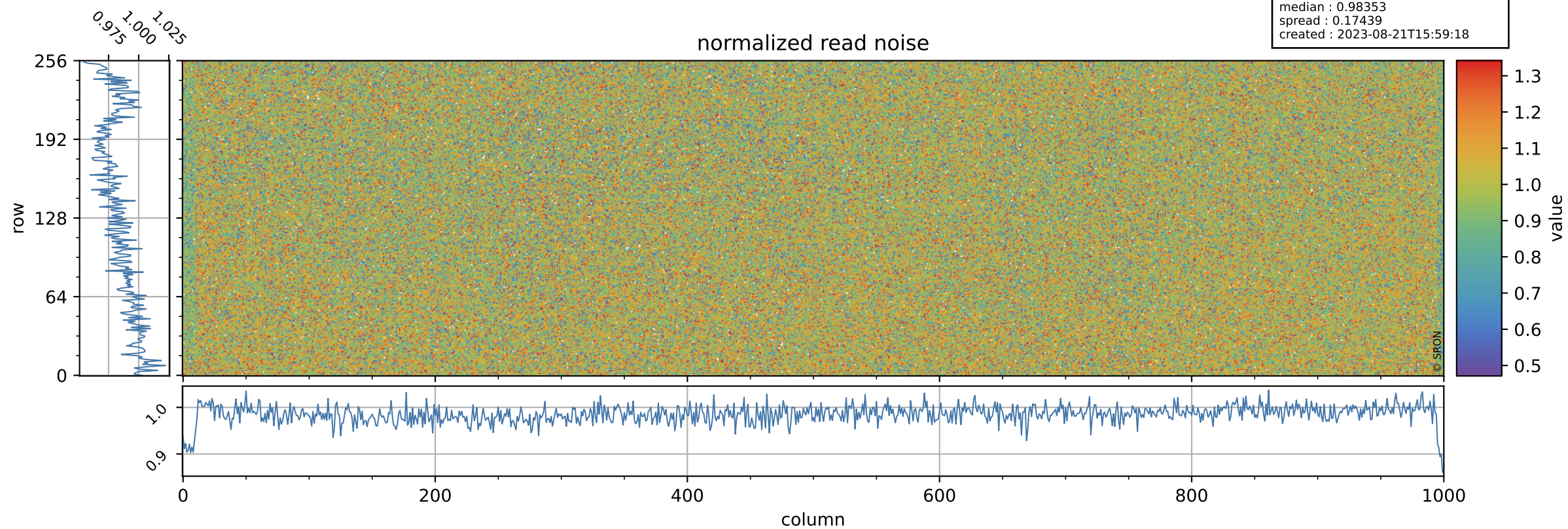
Tropomi SWIR background noise (swir)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
median : 1.1299 e
spread : 0.06535 e
created : 2023-08-21T15:59:17



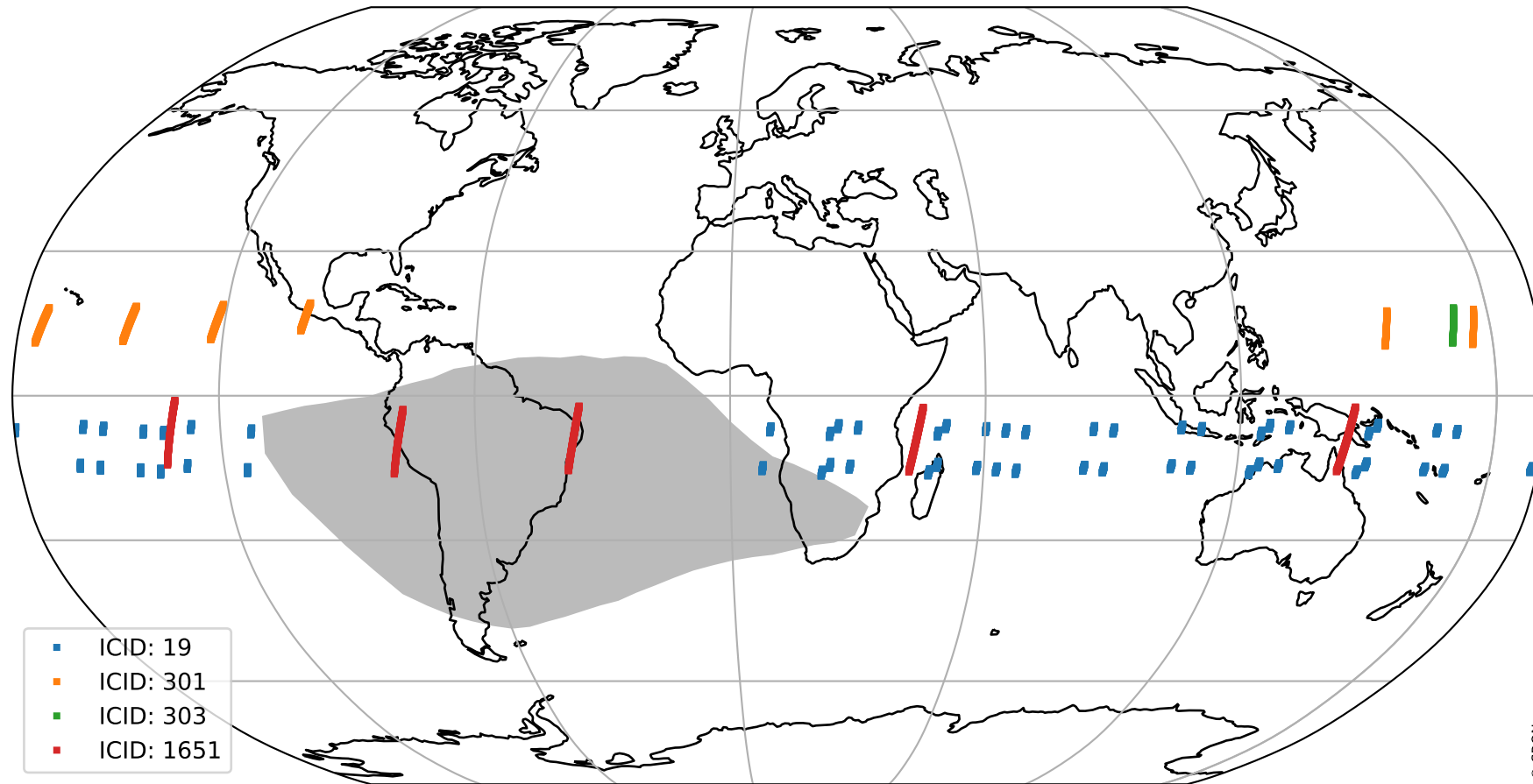
Tropomi SWIR background noise (swir)

orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
median : 0.98353
spread : 0.17439
created : 2023-08-21T15:59:18



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

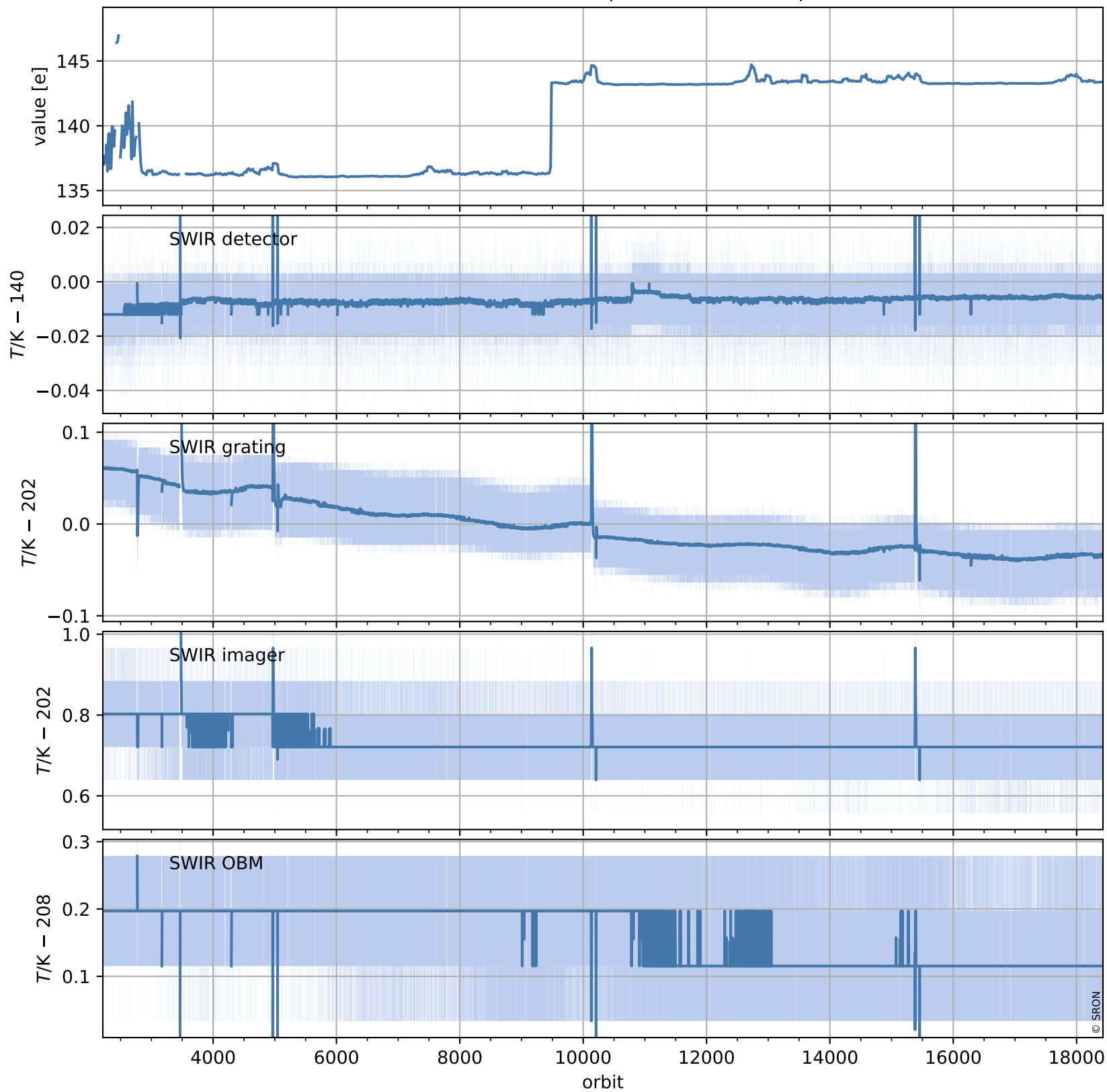
orbits : 12 in [18337, 18427]
coverage : 2021-04-28 / 2021-05-04
created : 2023-08-21T15:59:18



Tropomi SWIR background noise (swir)

orbits : [2212, 18427]
coverage : 2018-03-18 / 2021-05-04
created : 2023-08-21T15:59:18

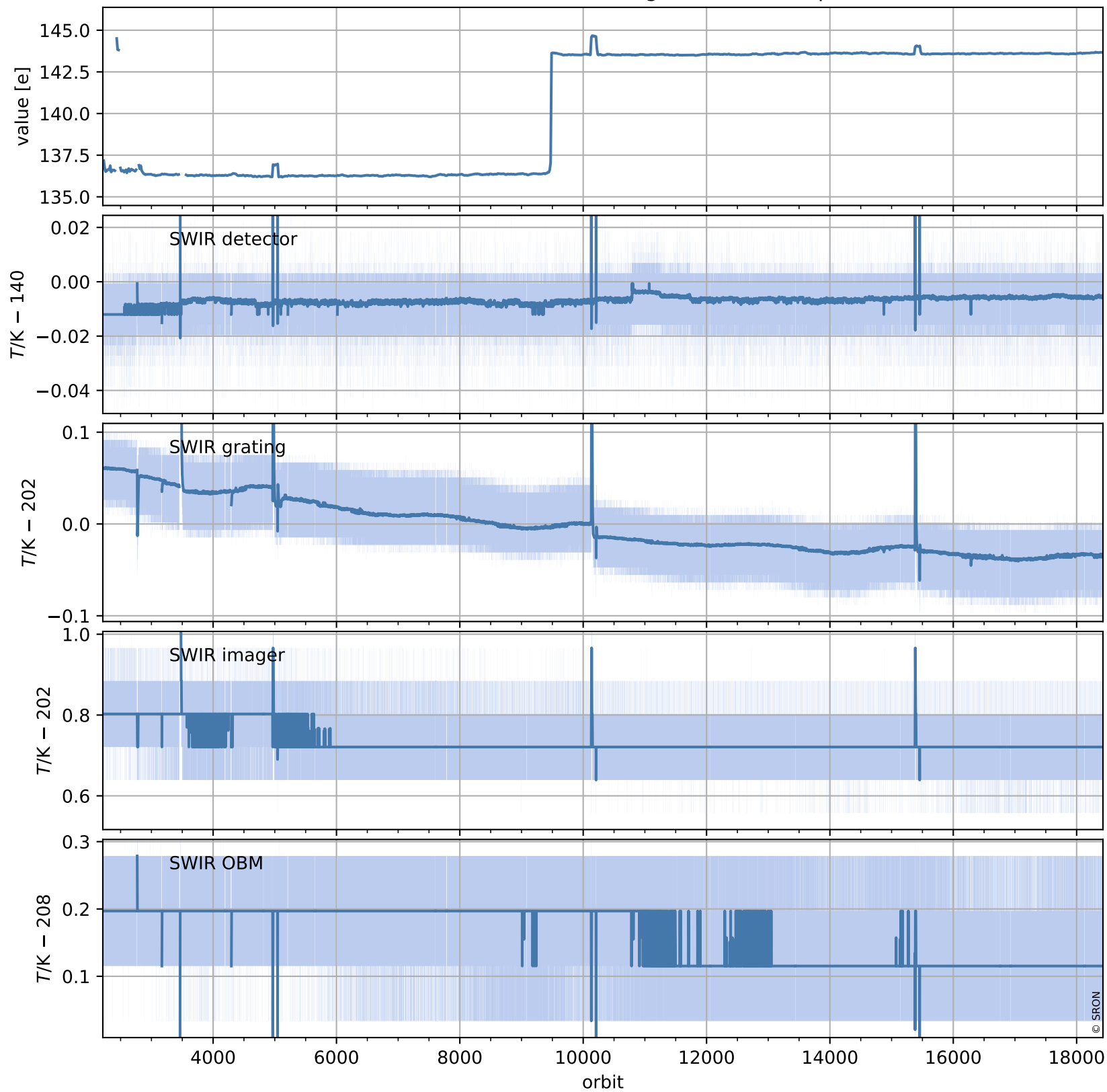
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18427]
coverage : 2018-03-18 / 2021-05-04
created : 2023-08-21T15:59:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18427]
coverage : 2018-03-18 / 2021-05-04
created : 2023-08-21T15:59:20

trend of normalized read-noise & temperatures

