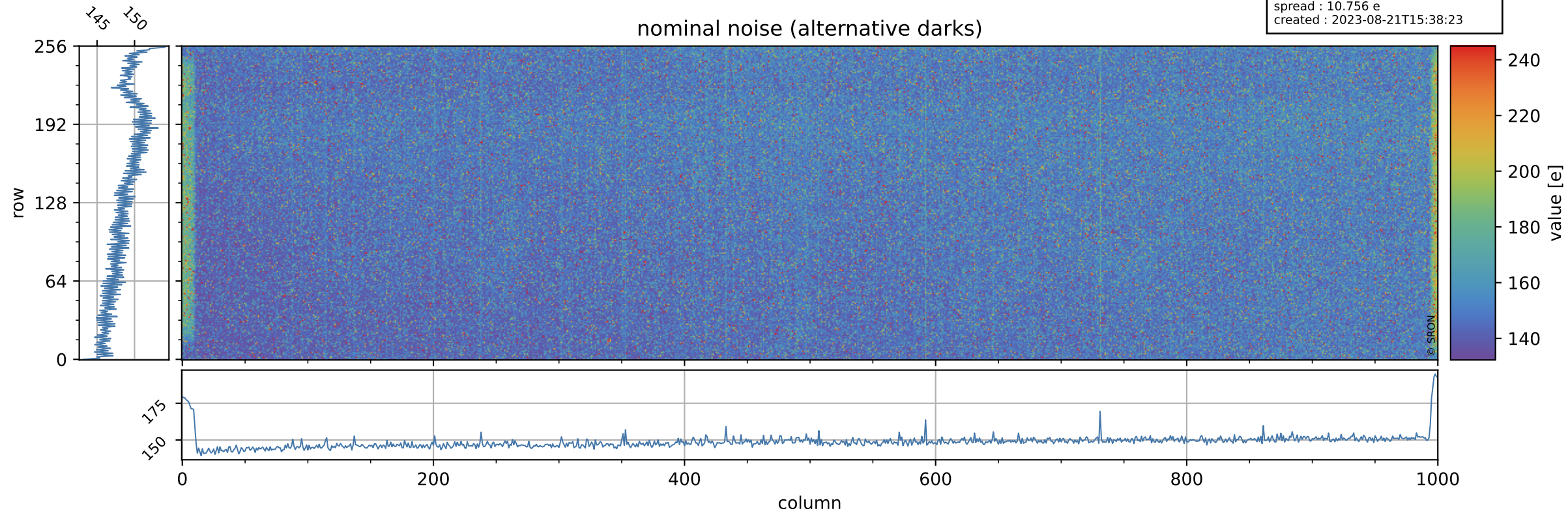


Tropomi SWIR background noise (swir)

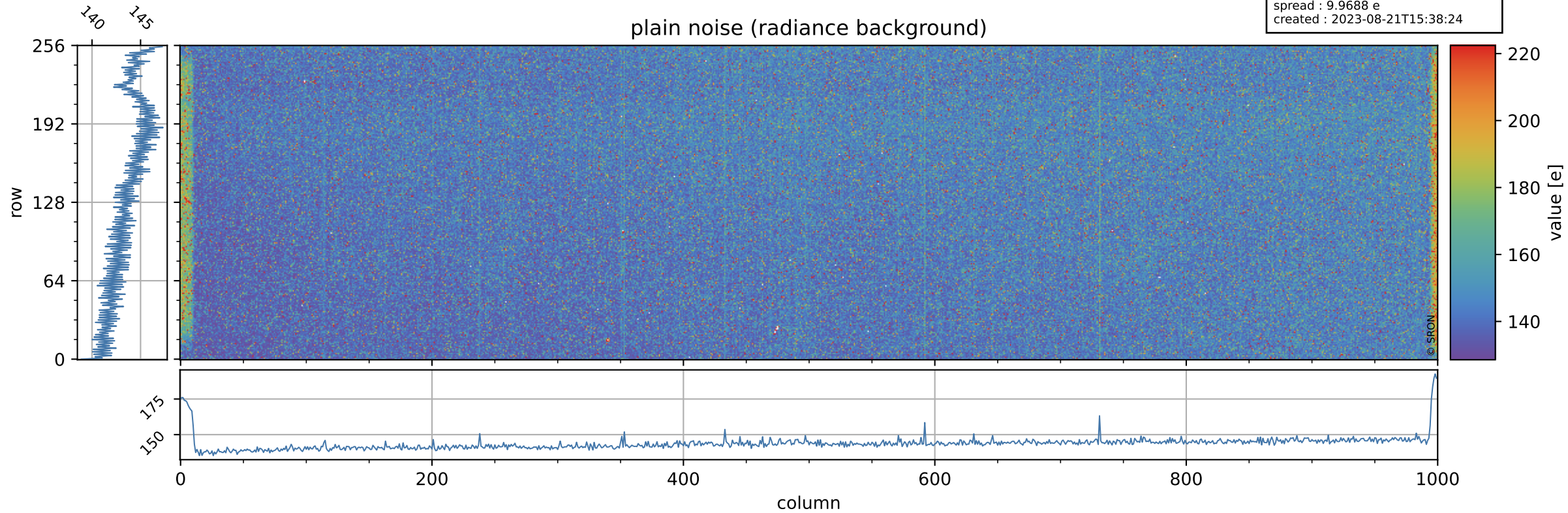
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.756 e
created : 2023-08-21T15:38:23



Tropomi SWIR background noise (swir)

orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.9688 e
created : 2023-08-21T15:38:24

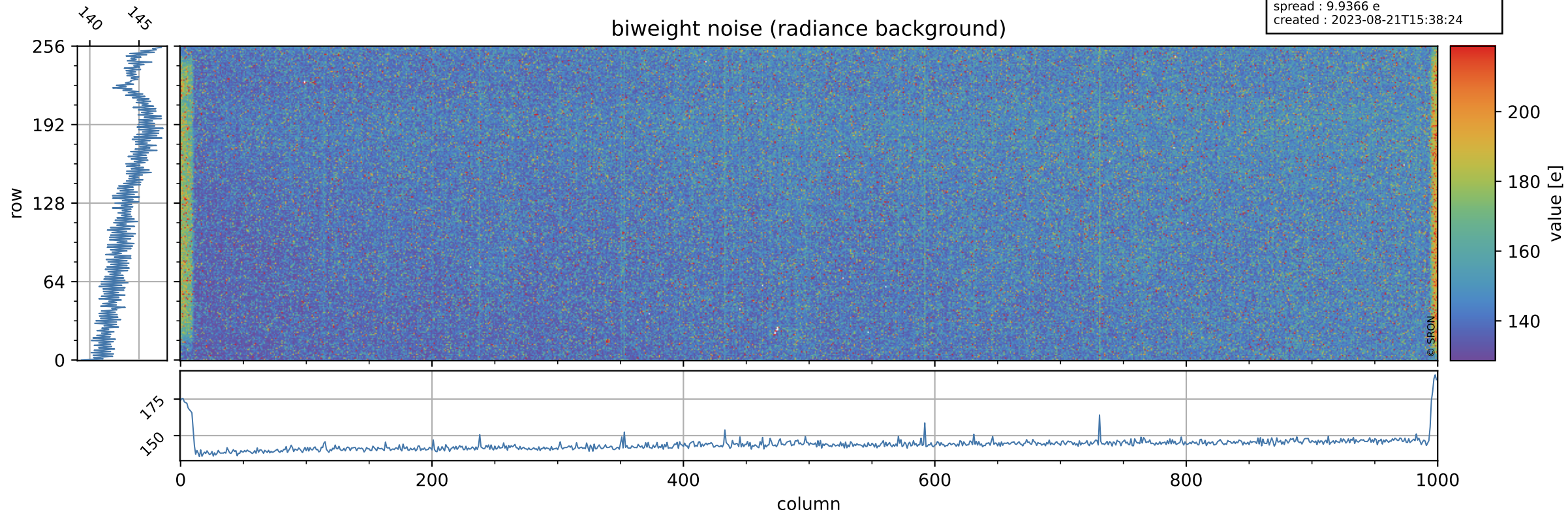
plain noise (radiance background)



Tropomi SWIR background noise (swir)

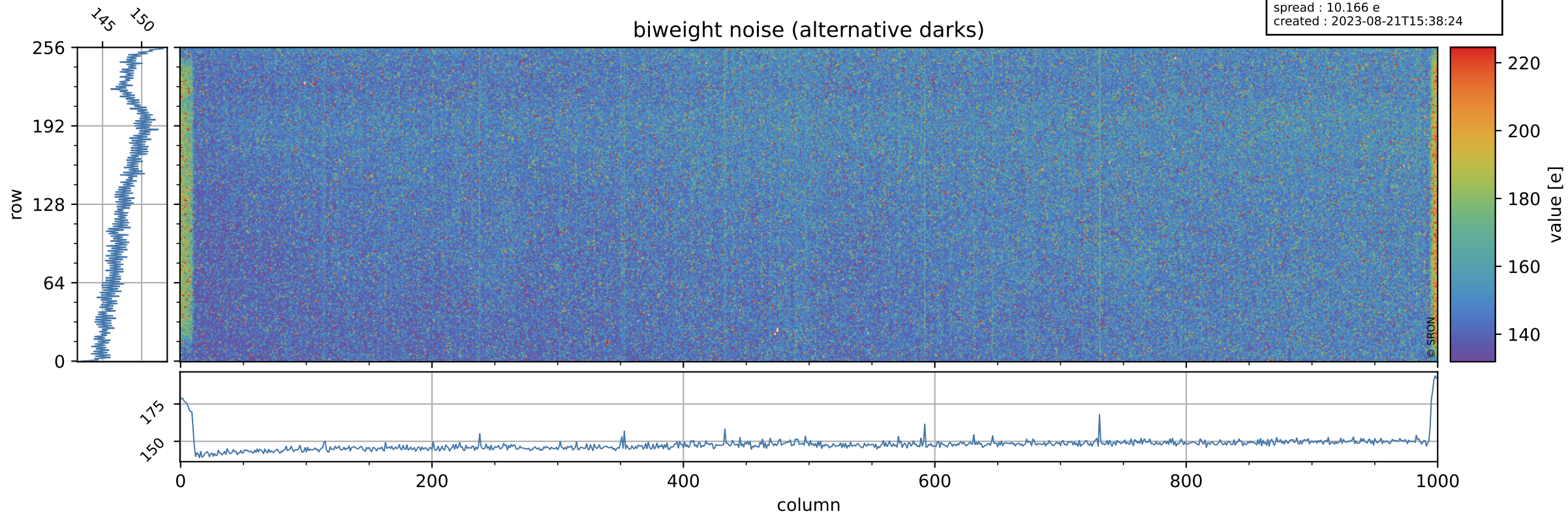
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.9366 e
created : 2023-08-21T15:38:24

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

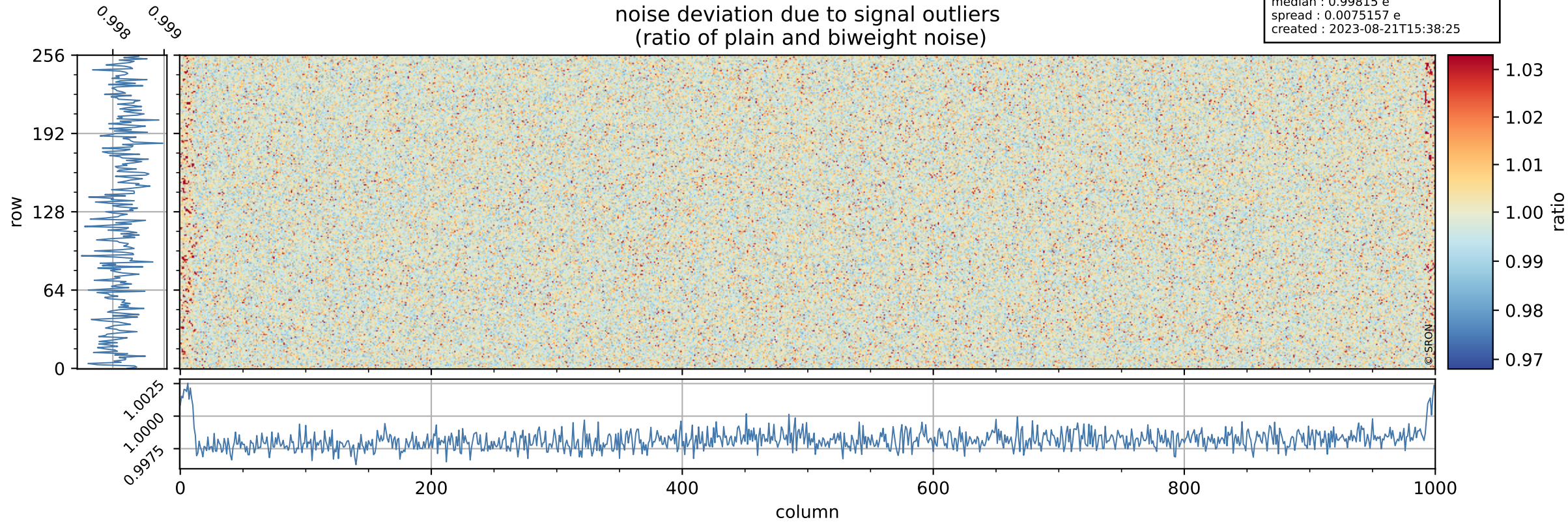
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.166 e
created : 2023-08-21T15:38:24



Tropomi SWIR background noise (swir)

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

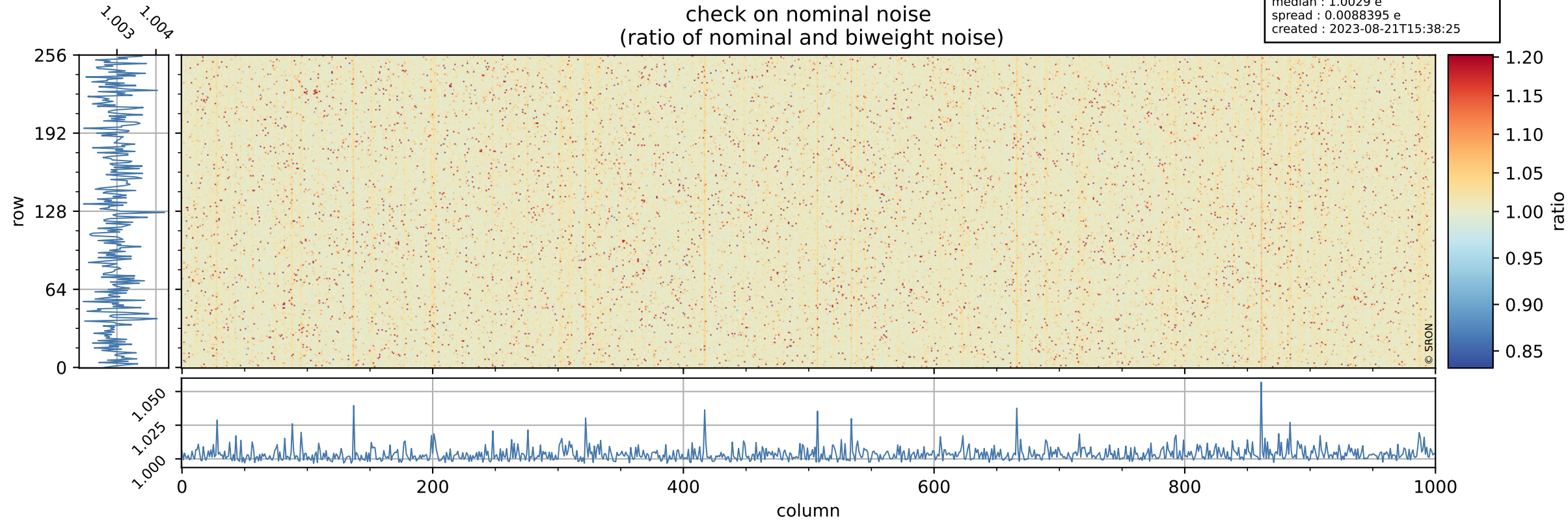
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
median : 0.99815 e
spread : 0.0075157 e
created : 2023-08-21T15:38:25



Tropomi SWIR background noise (swir)

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

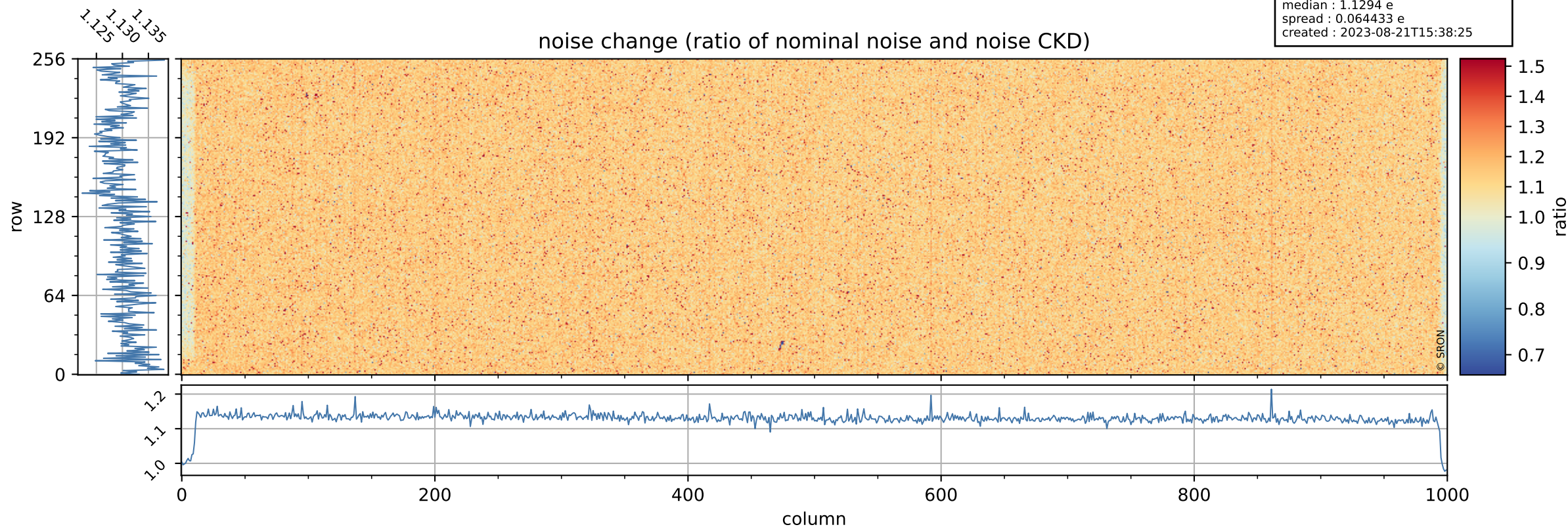
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
median : 1.0029 e
spread : 0.0088395 e
created : 2023-08-21T15:38:25



Tropomi SWIR background noise (swir)

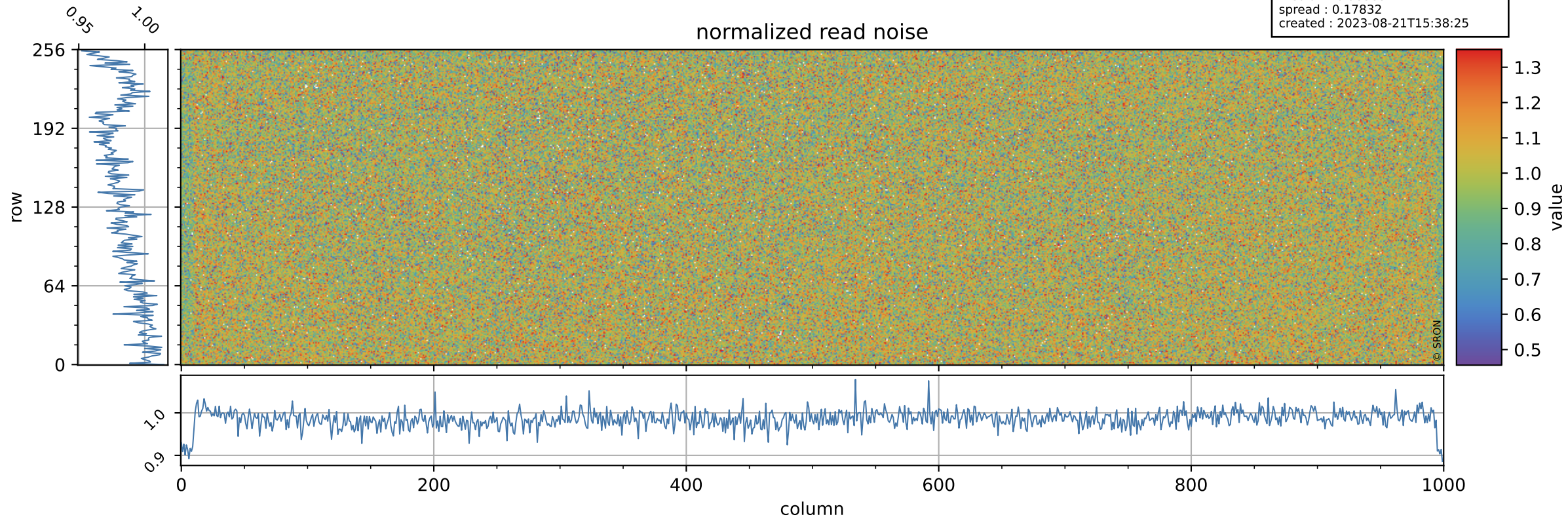
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
median : 1.1294 e
spread : 0.064433 e
created : 2023-08-21T15:38:25

noise change (ratio of nominal noise and noise CKD)



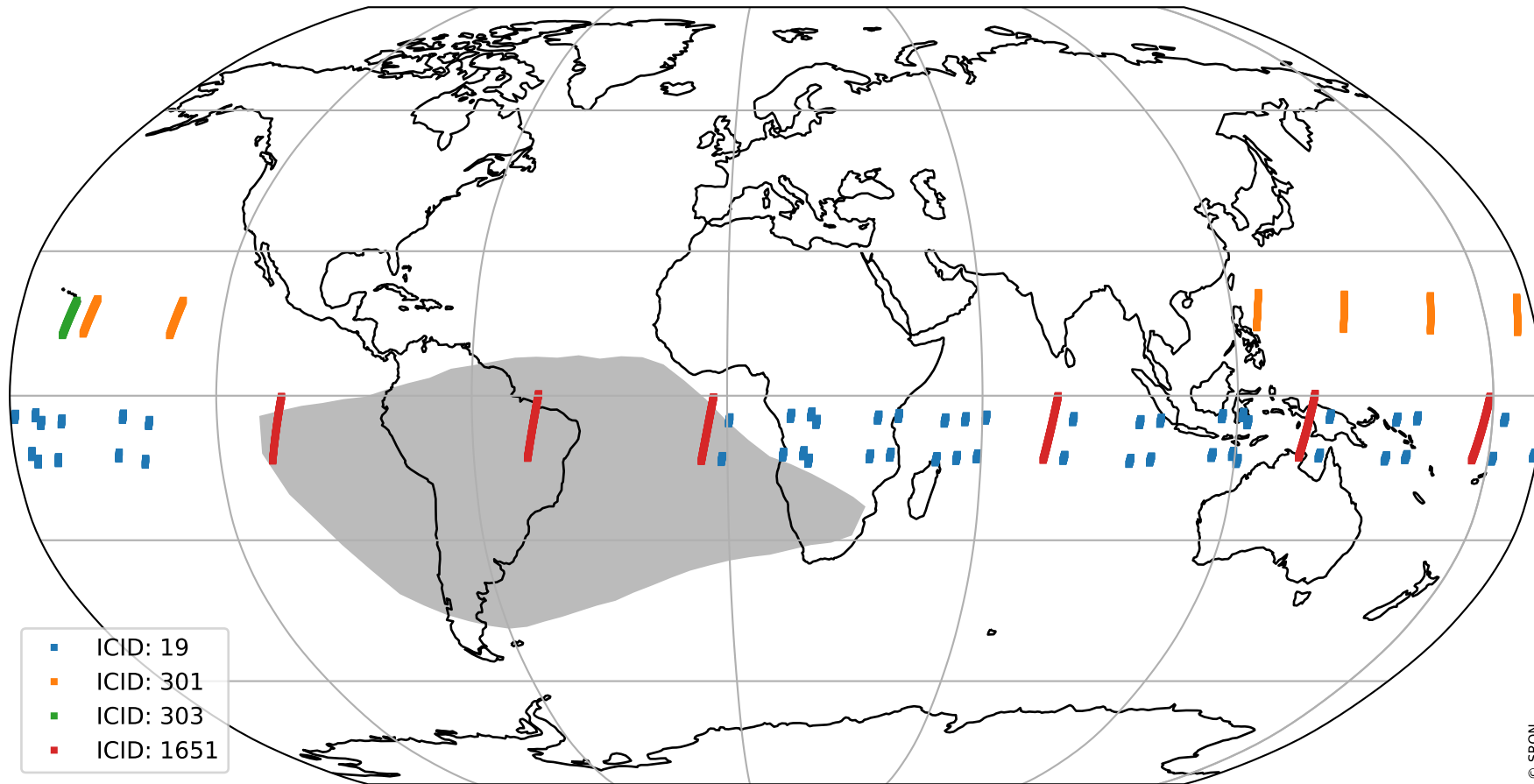
Tropomi SWIR background noise (swir)

orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
median : 0.98383
spread : 0.17832
created : 2023-08-21T15:38:25



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

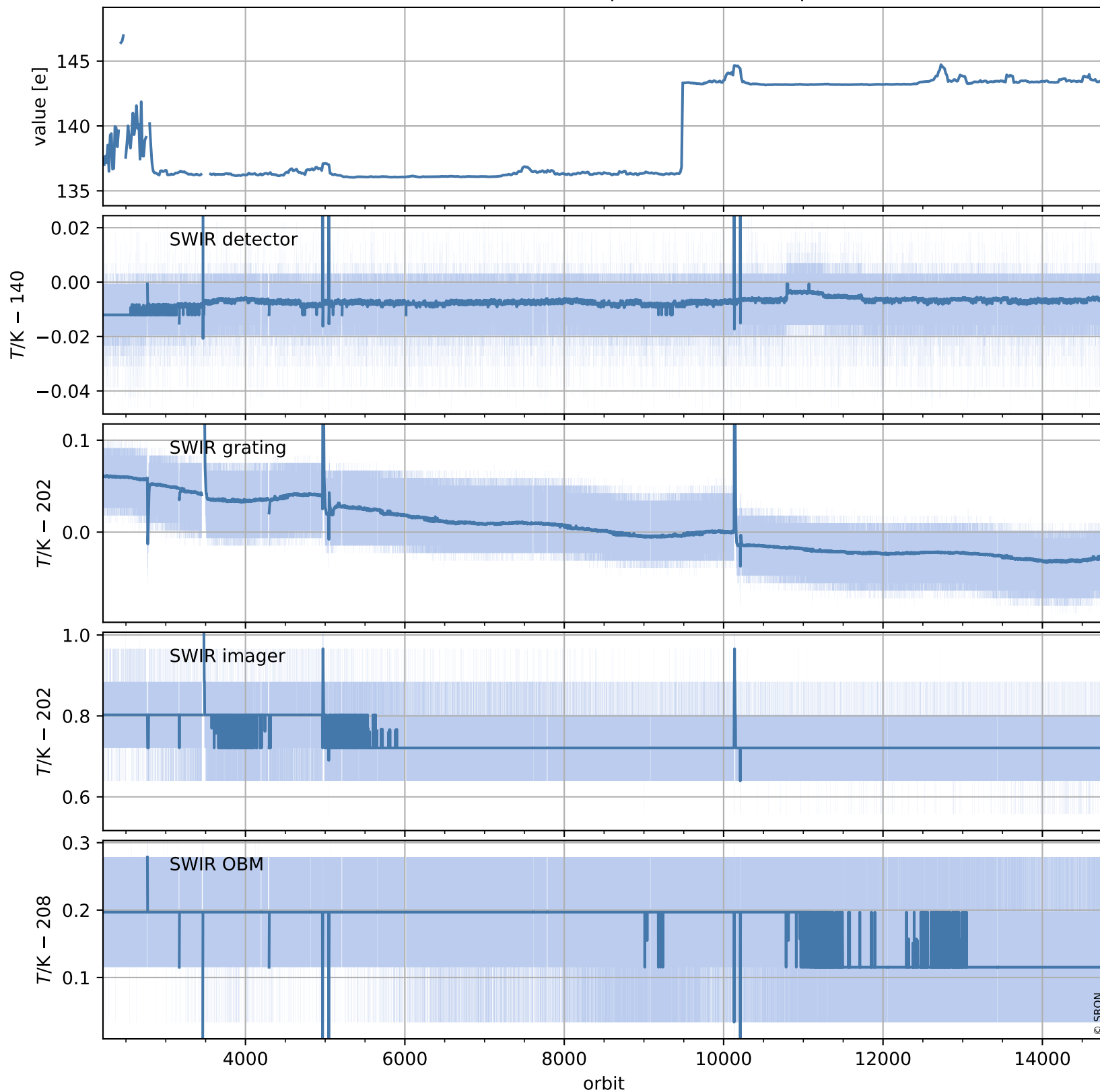
orbits : 13 in [14707, 14782]
coverage : 2020-08-14 / 2020-08-19
created : 2023-08-21T15:38:26



Tropomi SWIR background noise (swir)

orbits : [2212, 14782]
coverage : 2018-03-18 / 2020-08-19
created : 2023-08-21T15:38:26

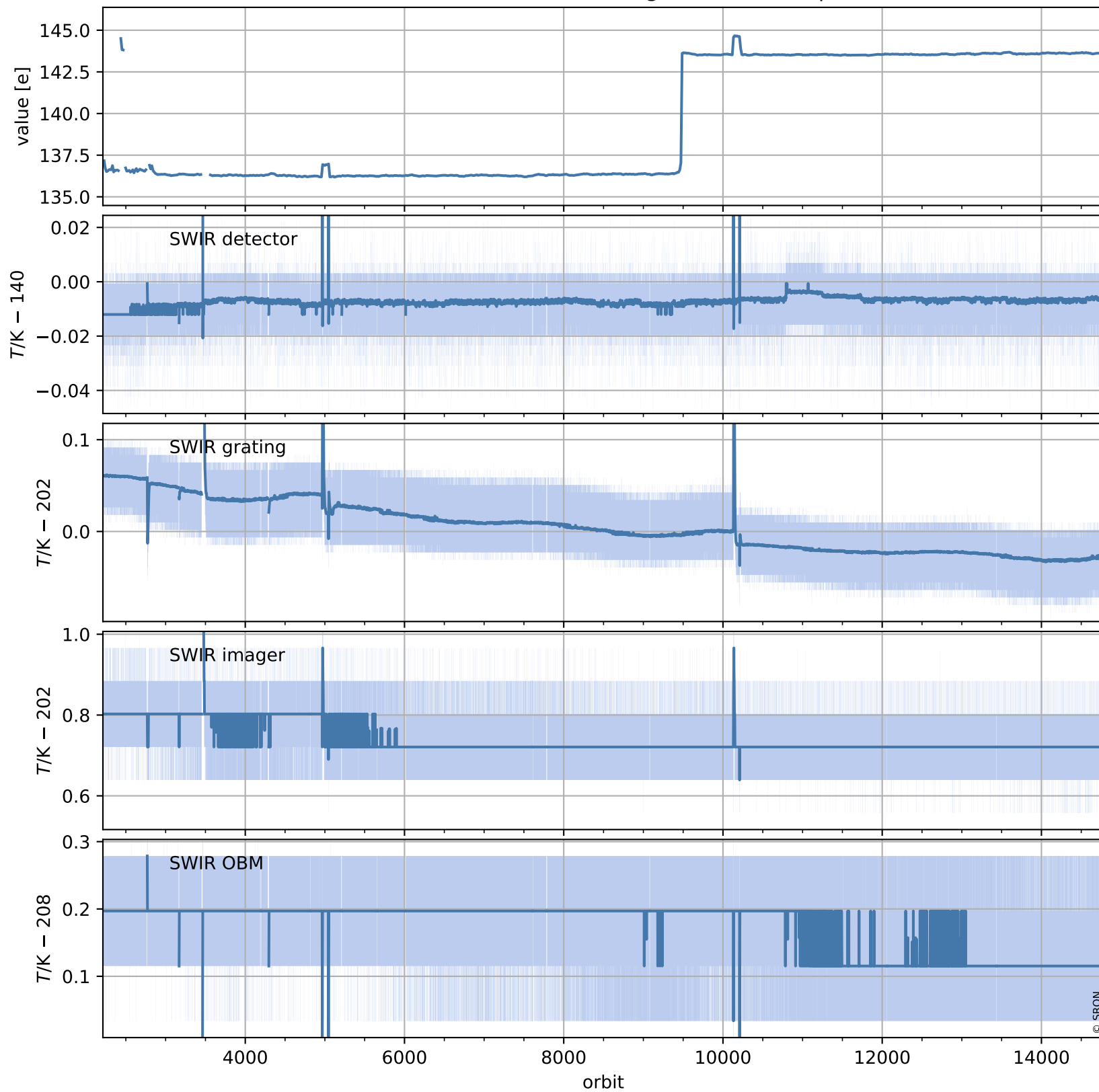
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14782]
coverage : 2018-03-18 / 2020-08-19
created : 2023-08-21T15:38:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14782]
coverage : 2018-03-18 / 2020-08-19
created : 2023-08-21T15:38:27

trend of normalized read-noise & temperatures

