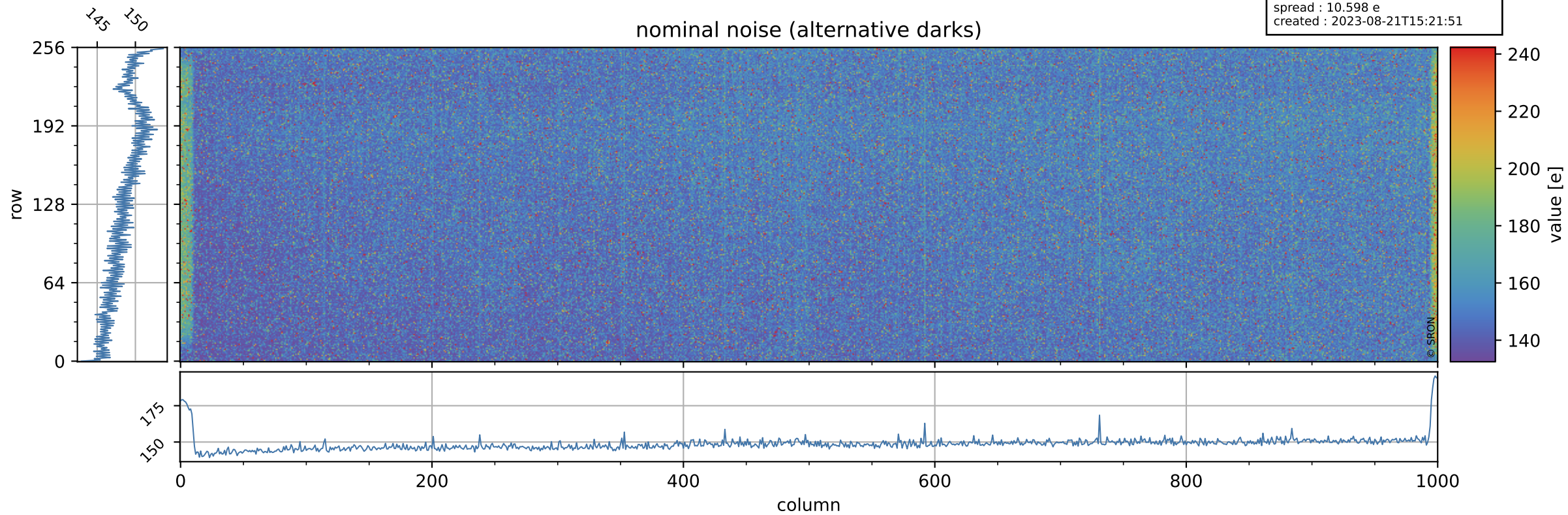


Tropomi SWIR background noise (swir)

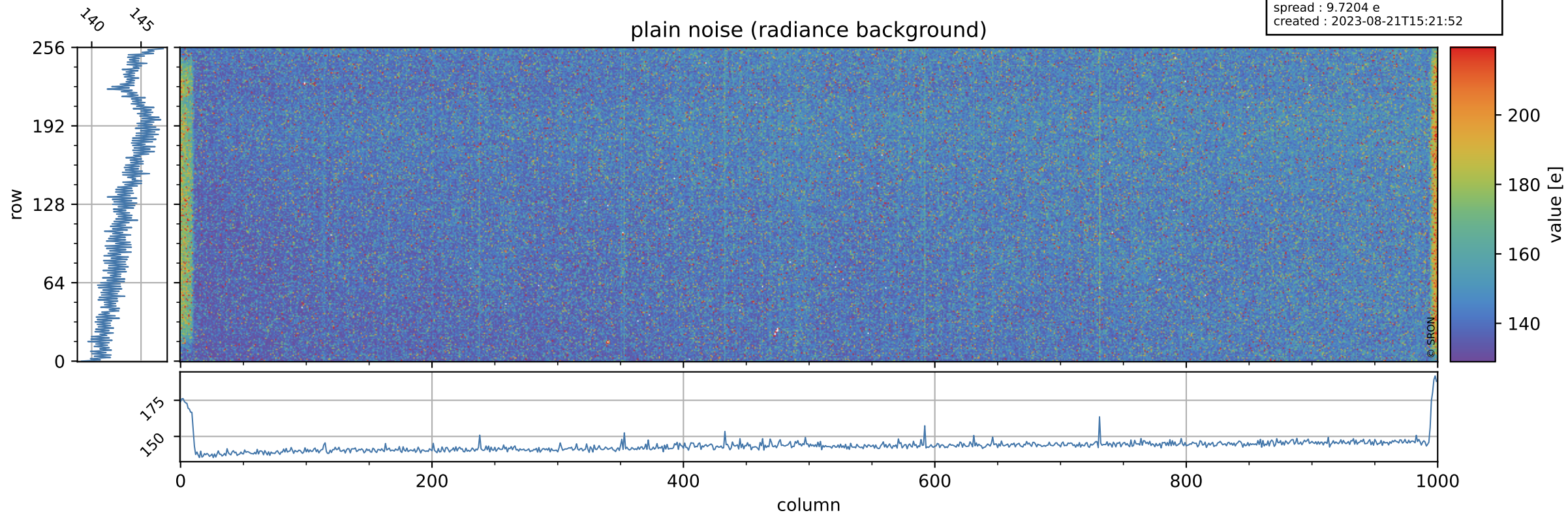
orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.598 e
created : 2023-08-21T15:21:51



Tropomi SWIR background noise (swir)

orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7204 e
created : 2023-08-21T15:21:52

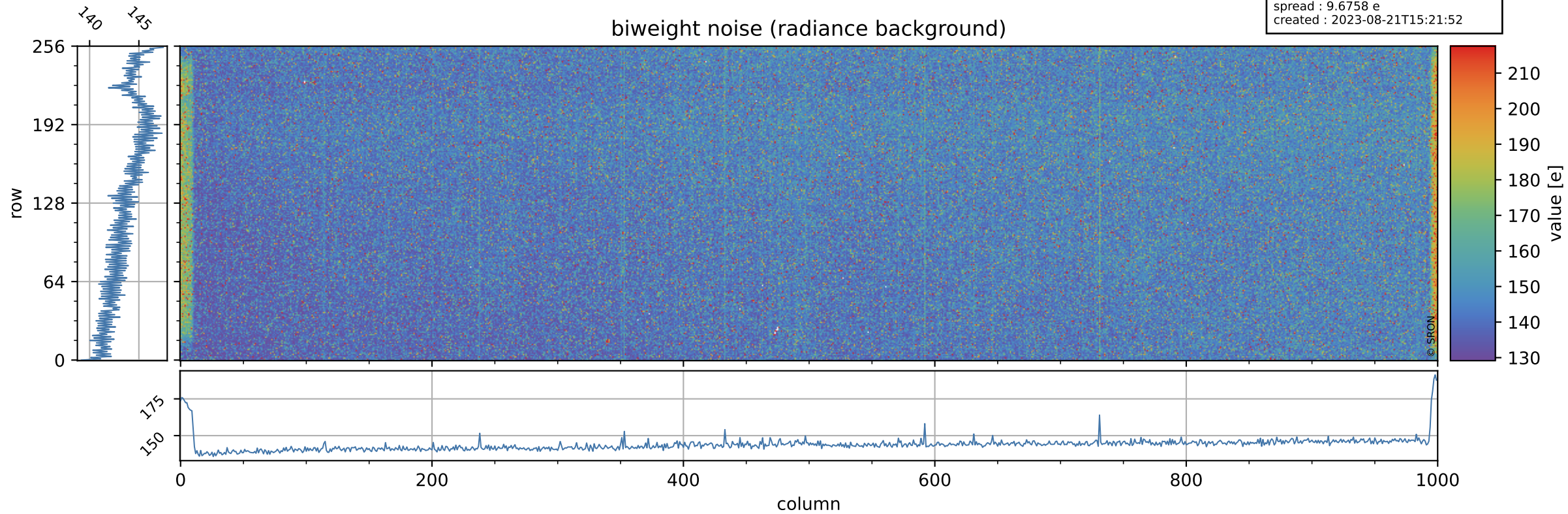
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6758 e
created : 2023-08-21T15:21:52

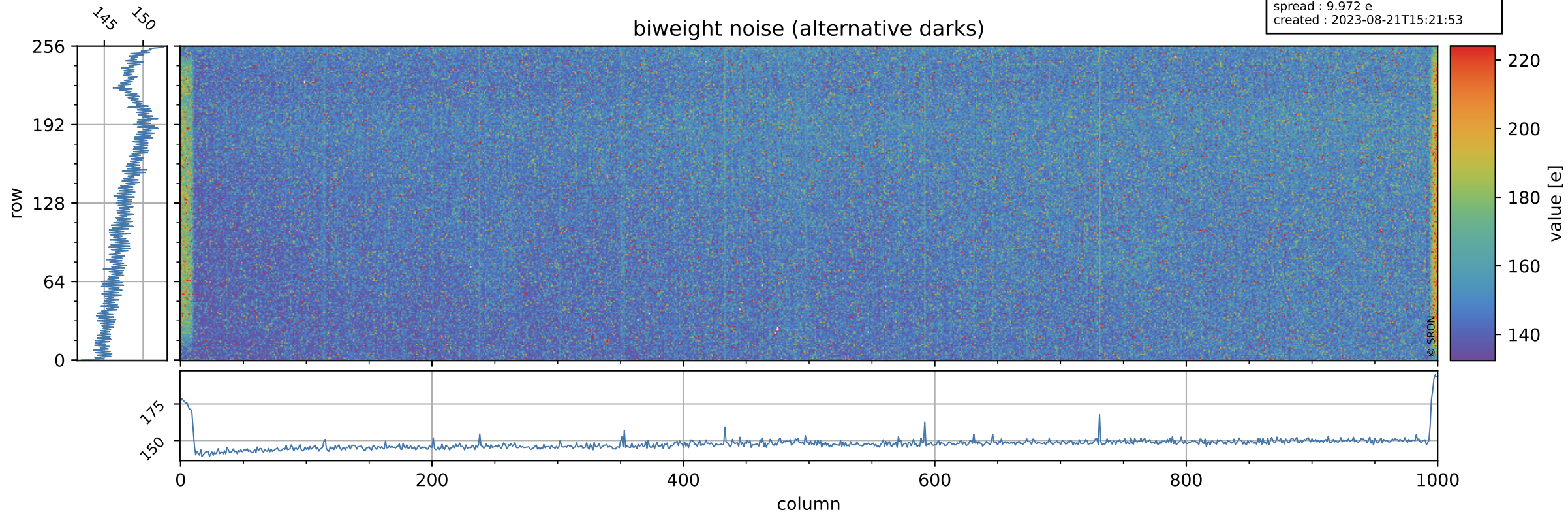
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 9.972 e
created : 2023-08-21T15:21:53

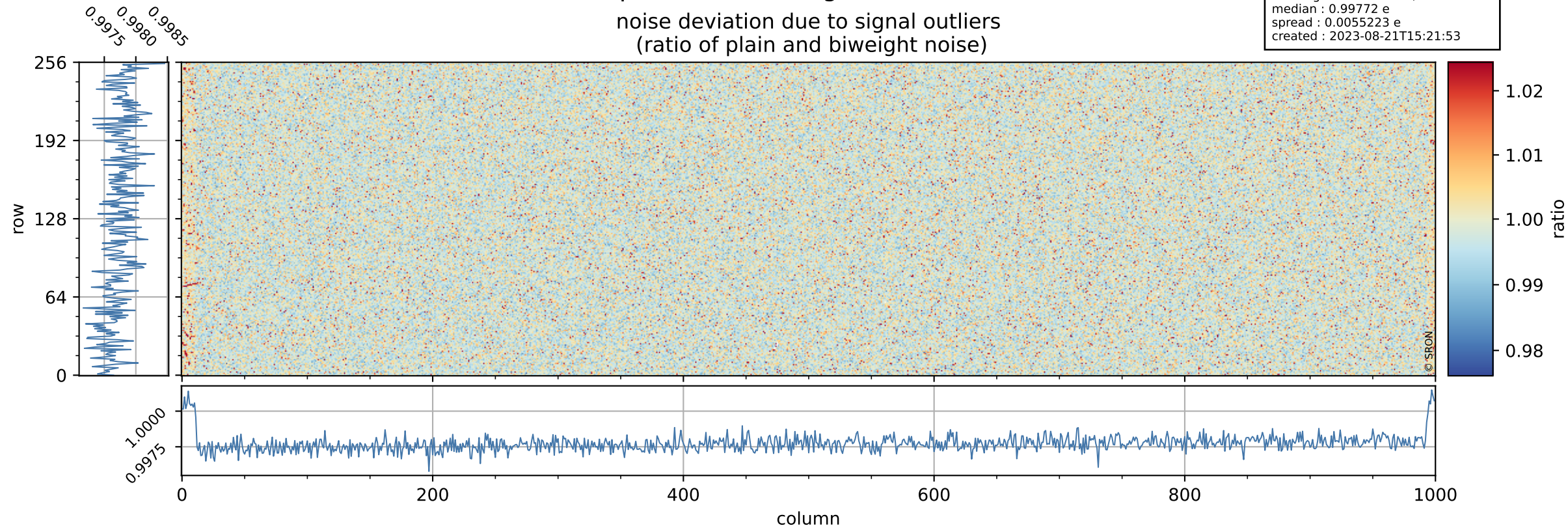
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

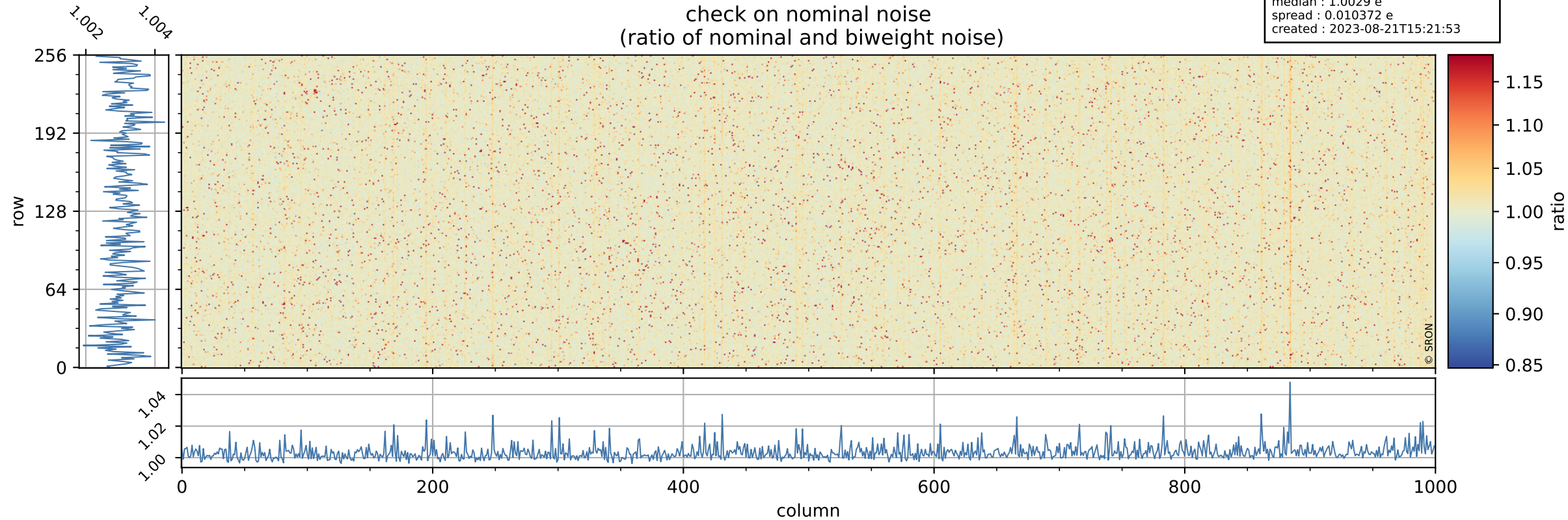
orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
median : 0.99772 e
spread : 0.0055223 e
created : 2023-08-21T15:21:53



Tropomi SWIR background noise (swir)

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

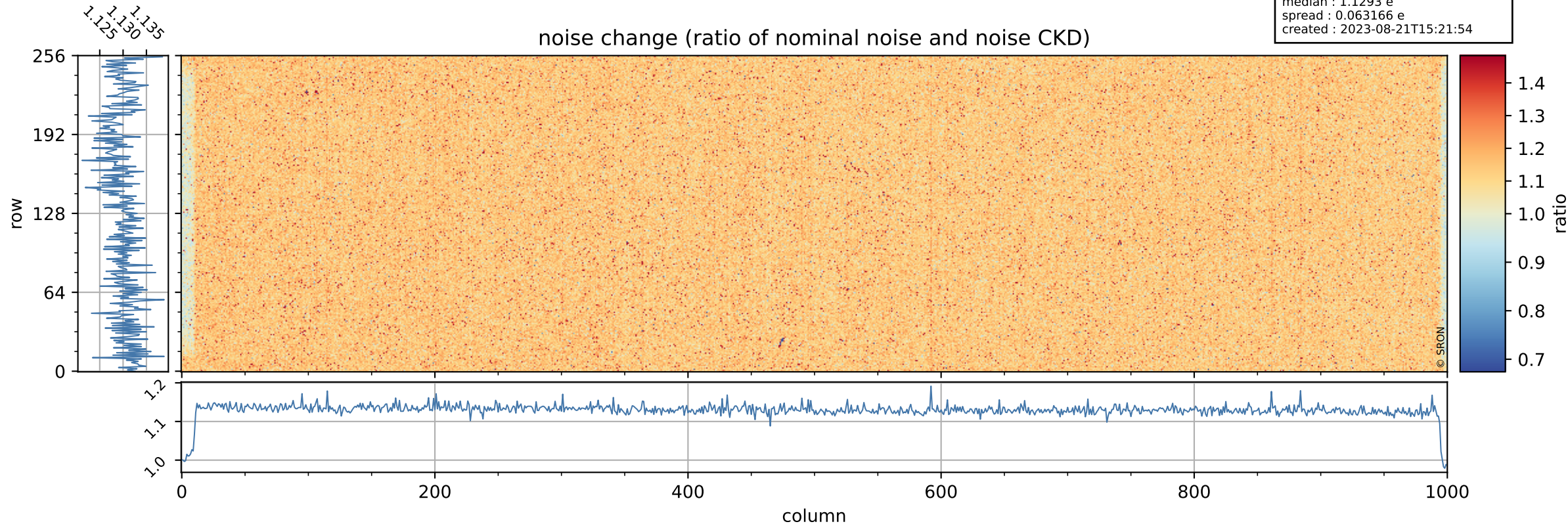
orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
median : 1.0029 e
spread : 0.010372 e
created : 2023-08-21T15:21:53



Tropomi SWIR background noise (swir)

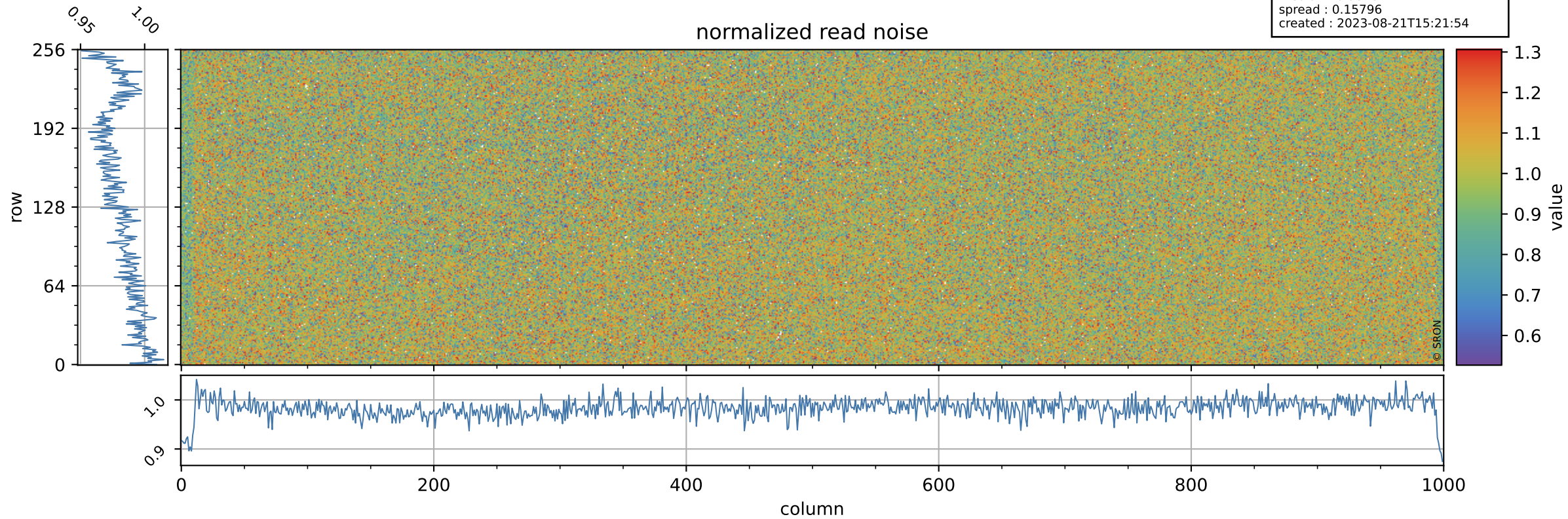
orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
median : 1.1293 e
spread : 0.063166 e
created : 2023-08-21T15:21:54

noise change (ratio of nominal noise and noise CKD)



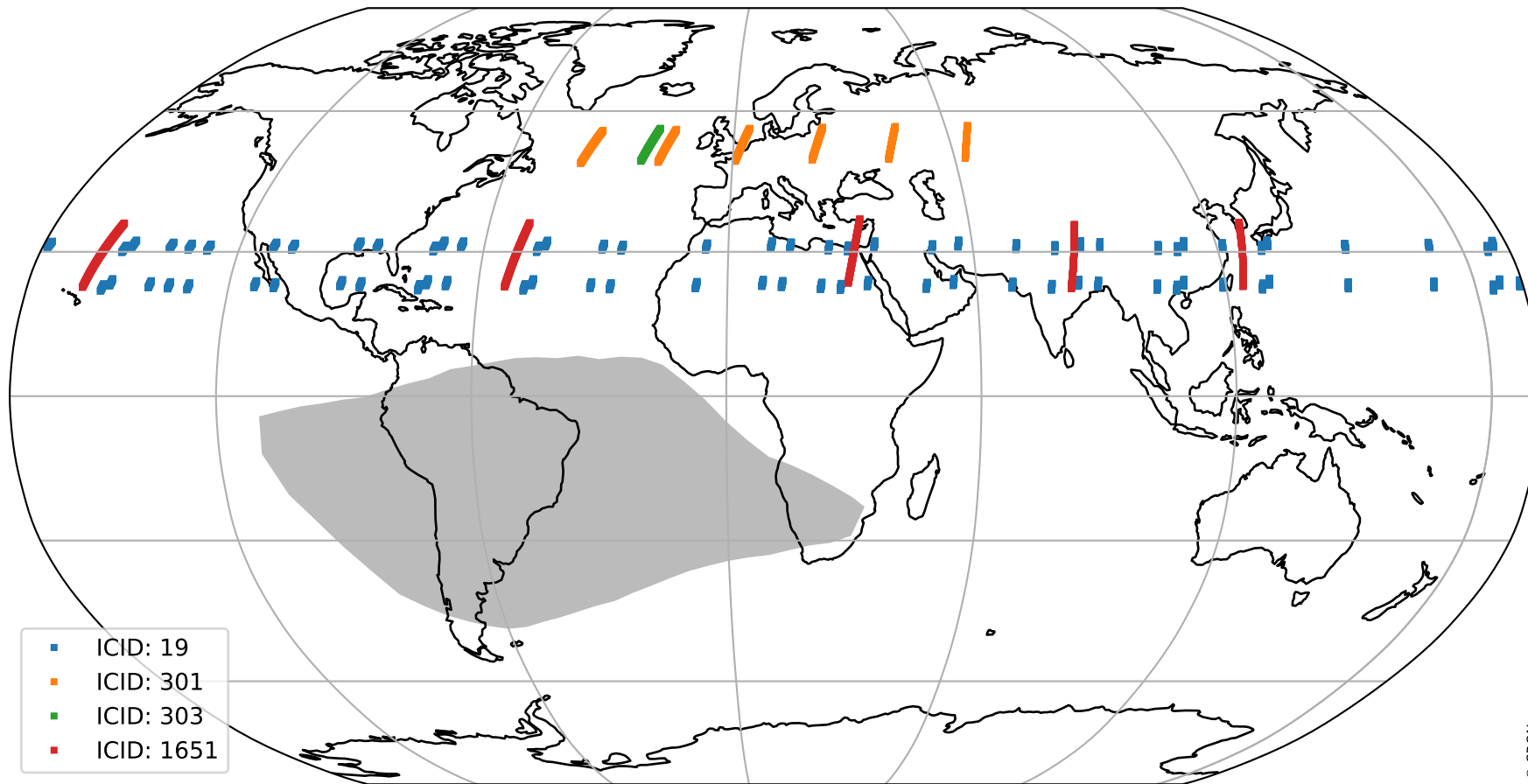
Tropomi SWIR background noise (swir)

orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
median : 0.98184
spread : 0.15796
created : 2023-08-21T15:21:54



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

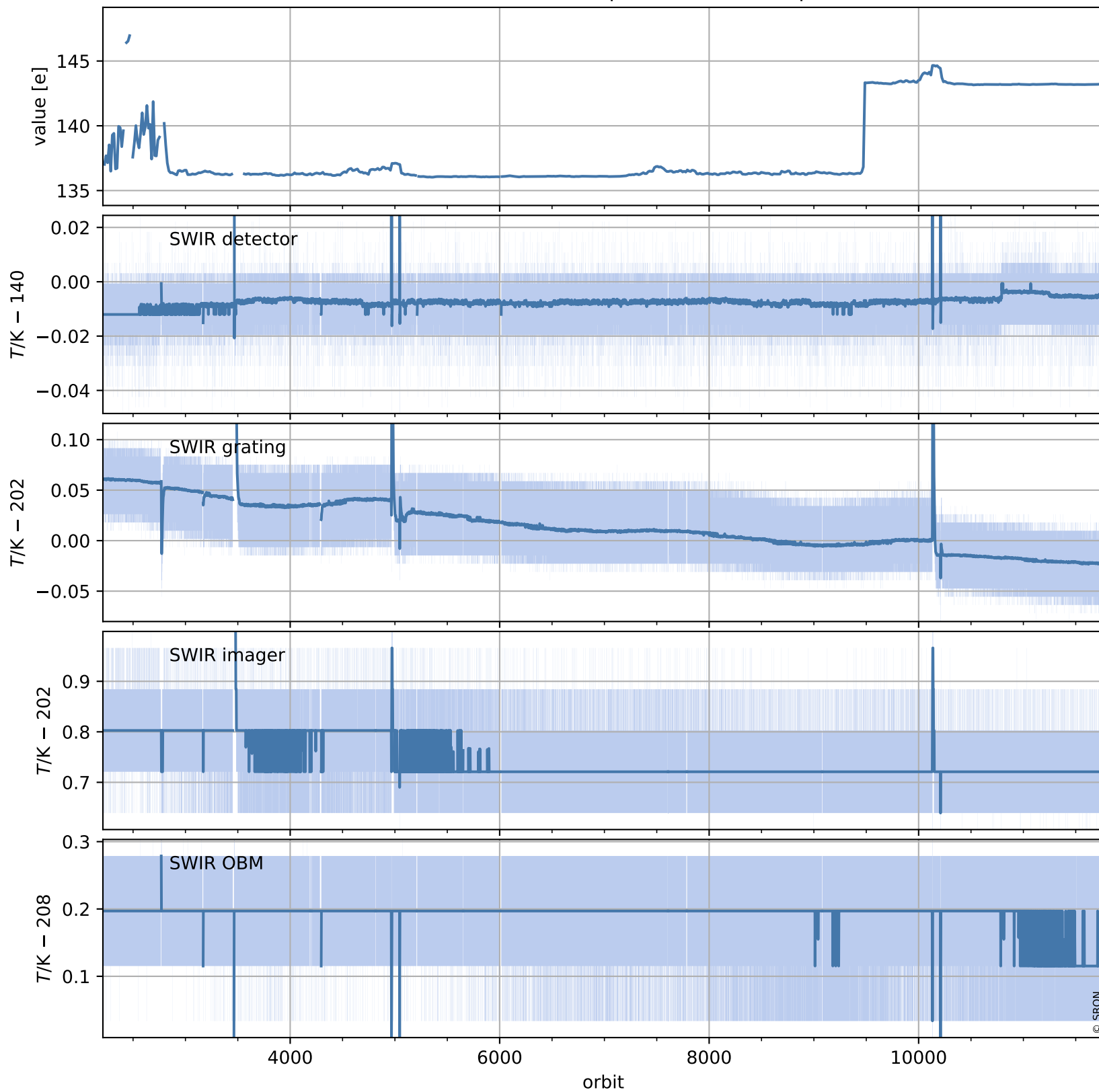
orbits : 12 in [11677, 11767]
coverage : 2020-01-14 / 2020-01-20
created : 2023-08-21T15:21:54



Tropomi SWIR background noise (swir)

orbits : [2212, 11767]
coverage : 2018-03-18 / 2020-01-20
created : 2023-08-21T15:21:55

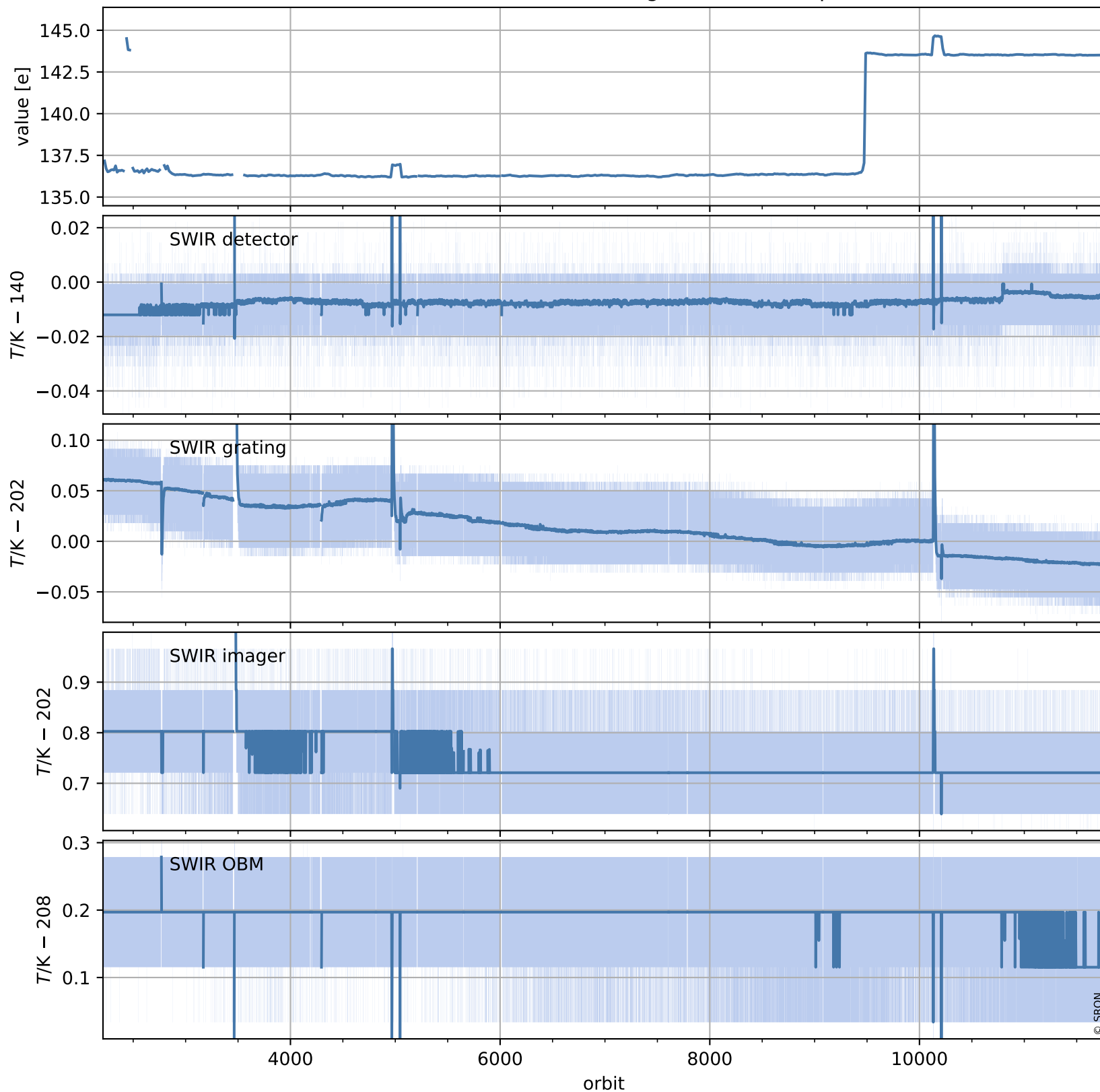
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11767]
coverage : 2018-03-18 / 2020-01-20
created : 2023-08-21T15:21:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11767]
coverage : 2018-03-18 / 2020-01-20
created : 2023-08-21T15:21:56

trend of normalized read-noise & temperatures

