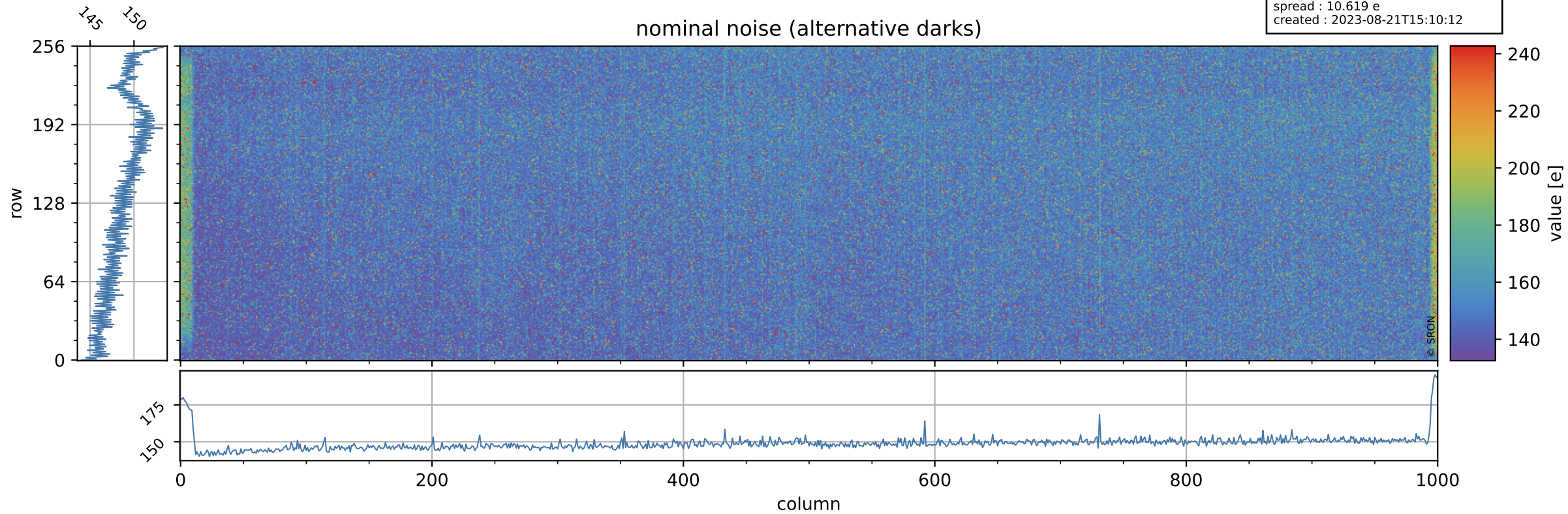


Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.619 e
created : 2023-08-21T15:10:12

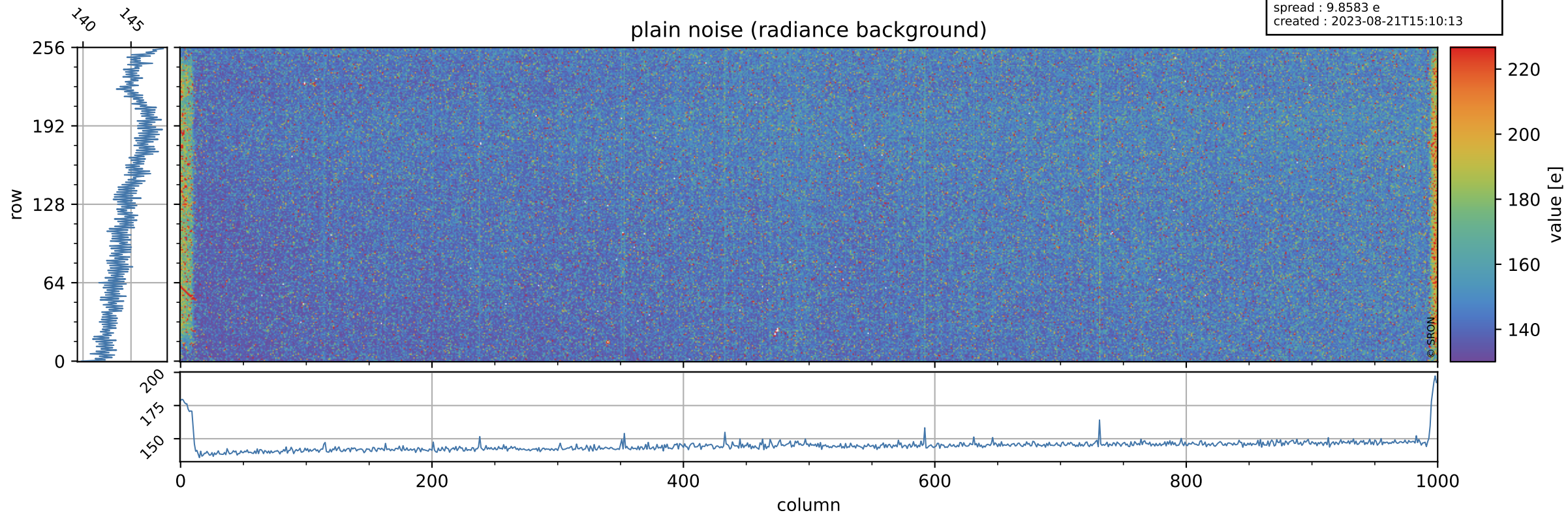
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
n_coad, t_exp : 1, 0.8383
median : 144.59 e
spread : 9.8583 e
created : 2023-08-21T15:10:13

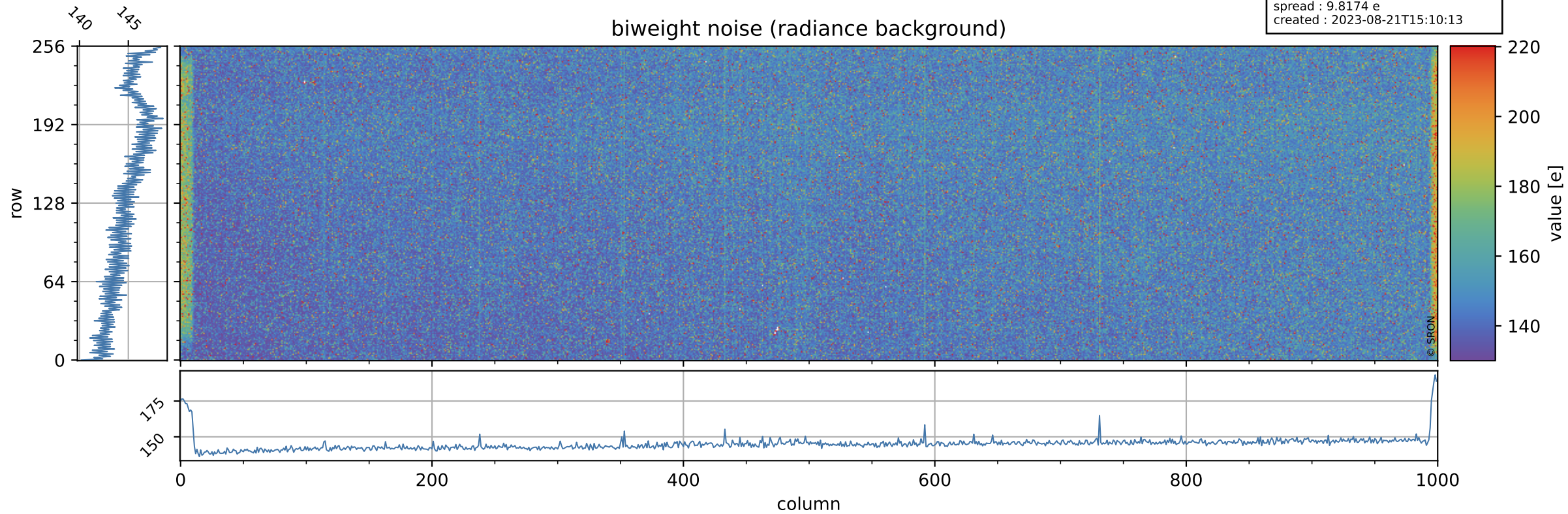
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
n_coad, t_exp : 1, 0.8383
median : 144.76 e
spread : 9.8174 e
created : 2023-08-21T15:10:13

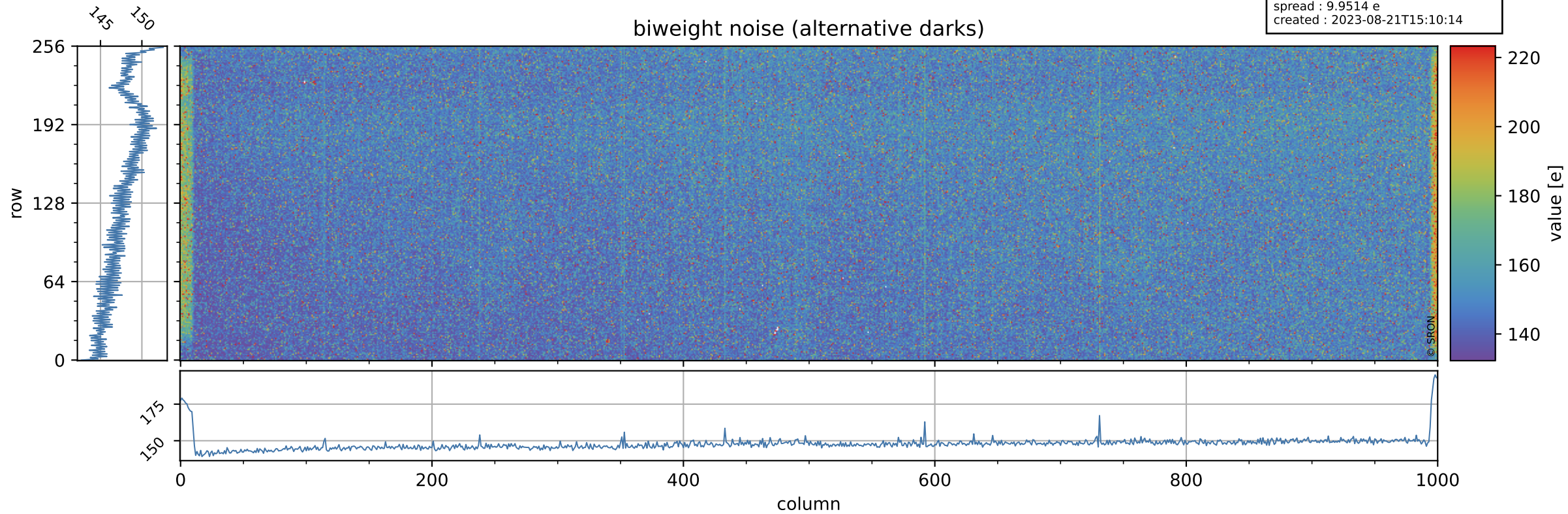
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9514 e
created : 2023-08-21T15:10:14

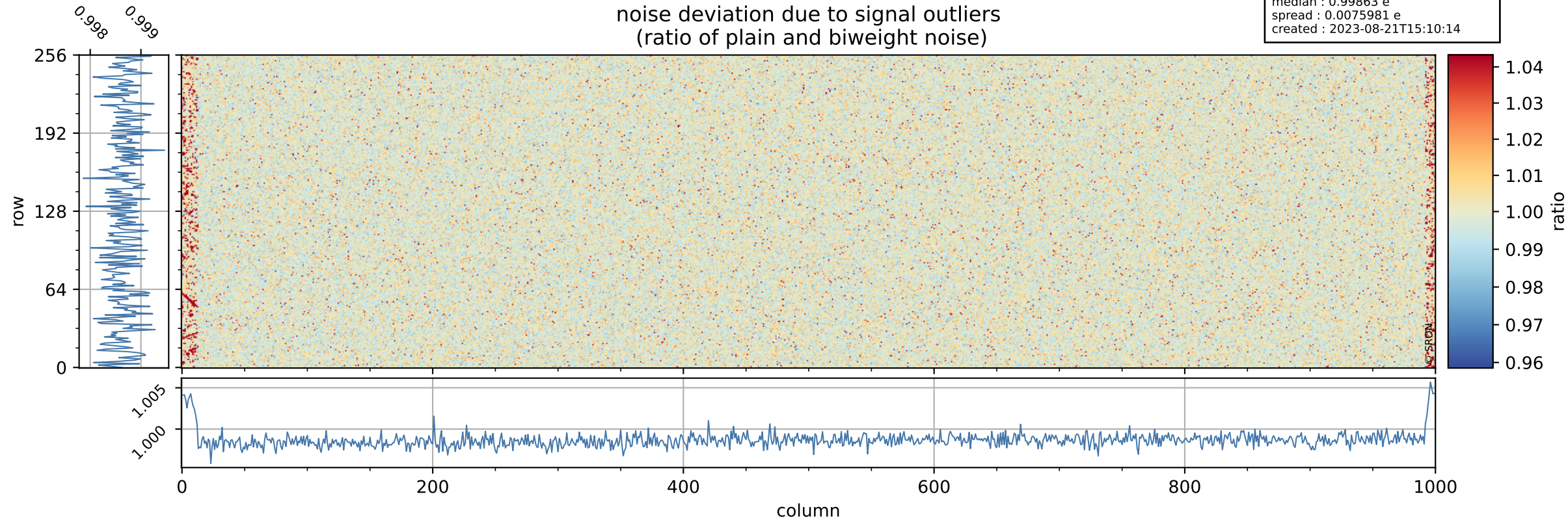
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

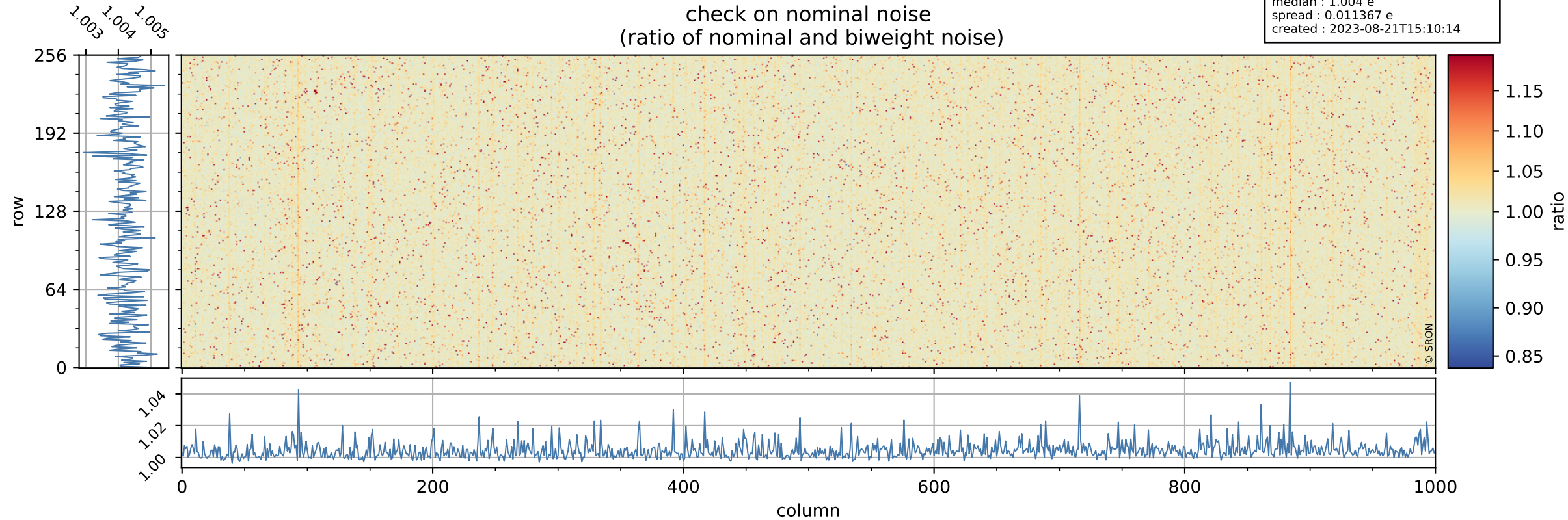
orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
median : 0.99863 e
spread : 0.0075981 e
created : 2023-08-21T15:10:14



Tropomi SWIR background noise (swir)

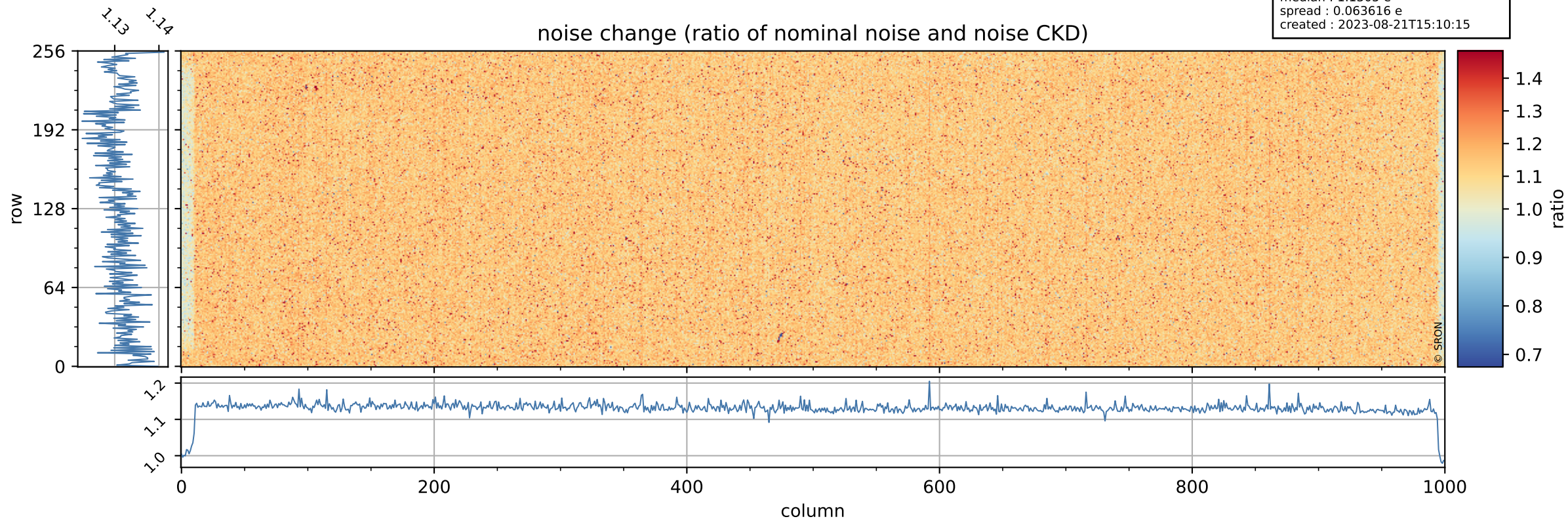
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
median : 1.004 e
spread : 0.011367 e
created : 2023-08-21T15:10:14



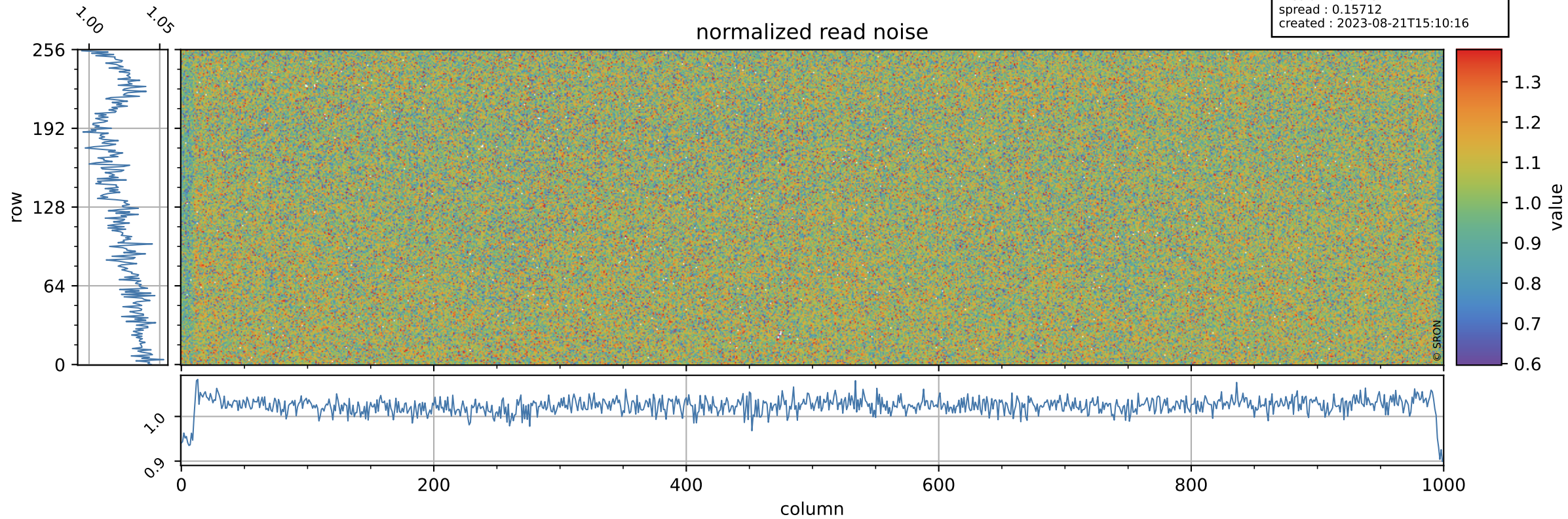
Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
median : 1.1305 e
spread : 0.063616 e
created : 2023-08-21T15:10:15



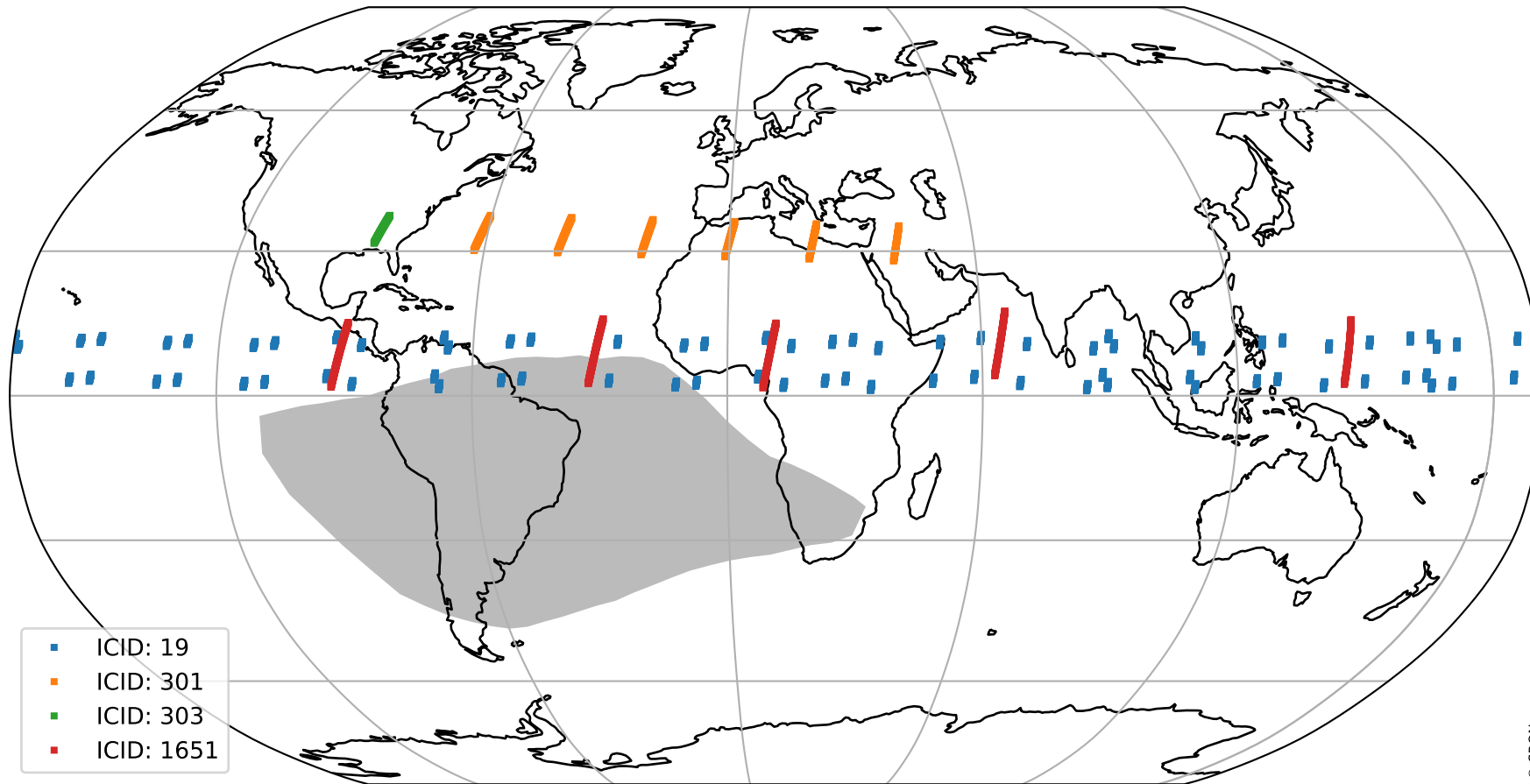
Tropomi SWIR background noise (swir)

orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
median : 1.0219
spread : 0.15712
created : 2023-08-21T15:10:16



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

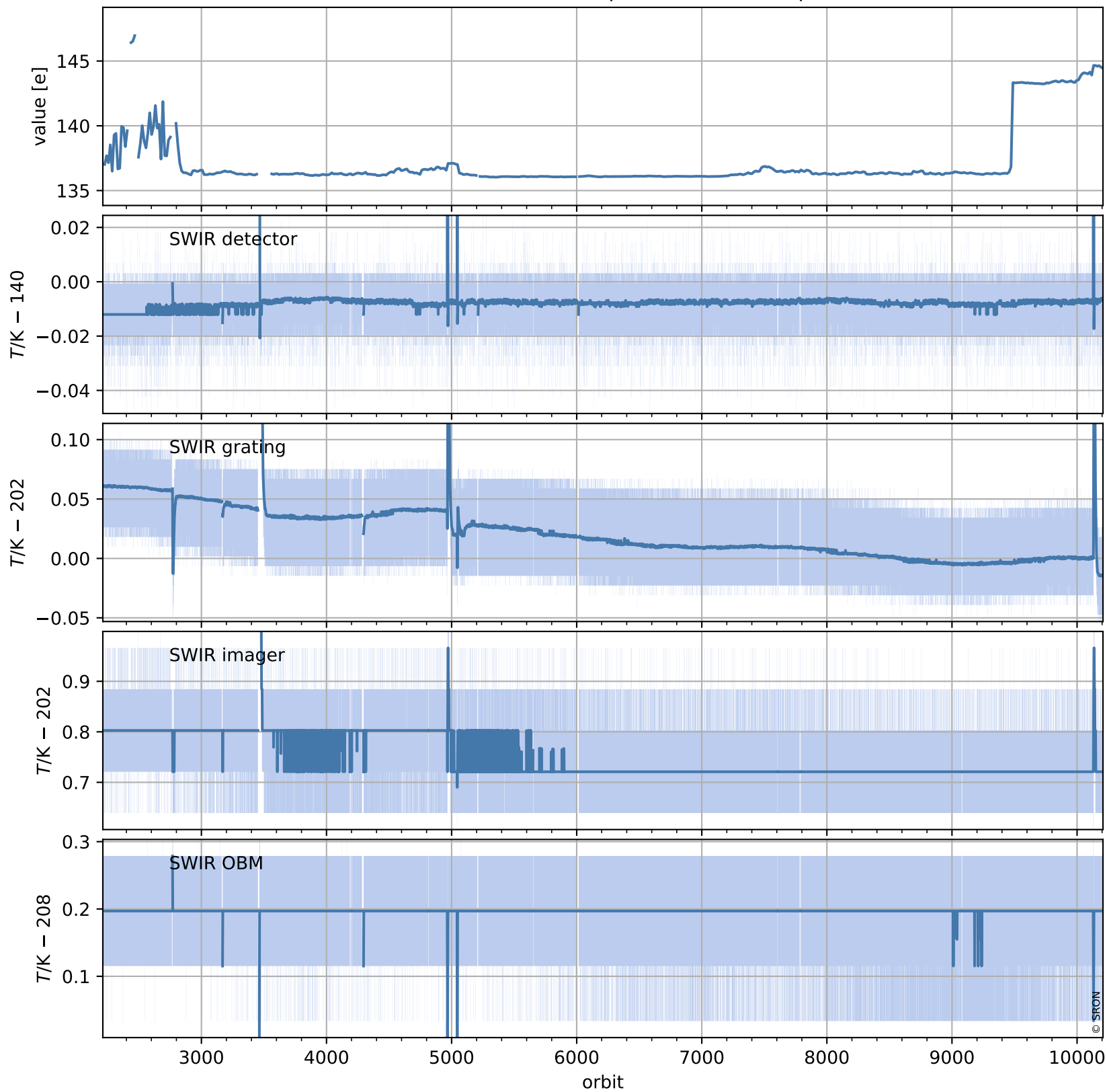
orbits : 12 in [10117, 10207]
coverage : 2019-09-26 / 2019-10-02
created : 2023-08-21T15:10:16



Tropomi SWIR background noise (swir)

orbits : [2212, 10207]
coverage : 2018-03-18 / 2019-10-02
created : 2023-08-21T15:10:17

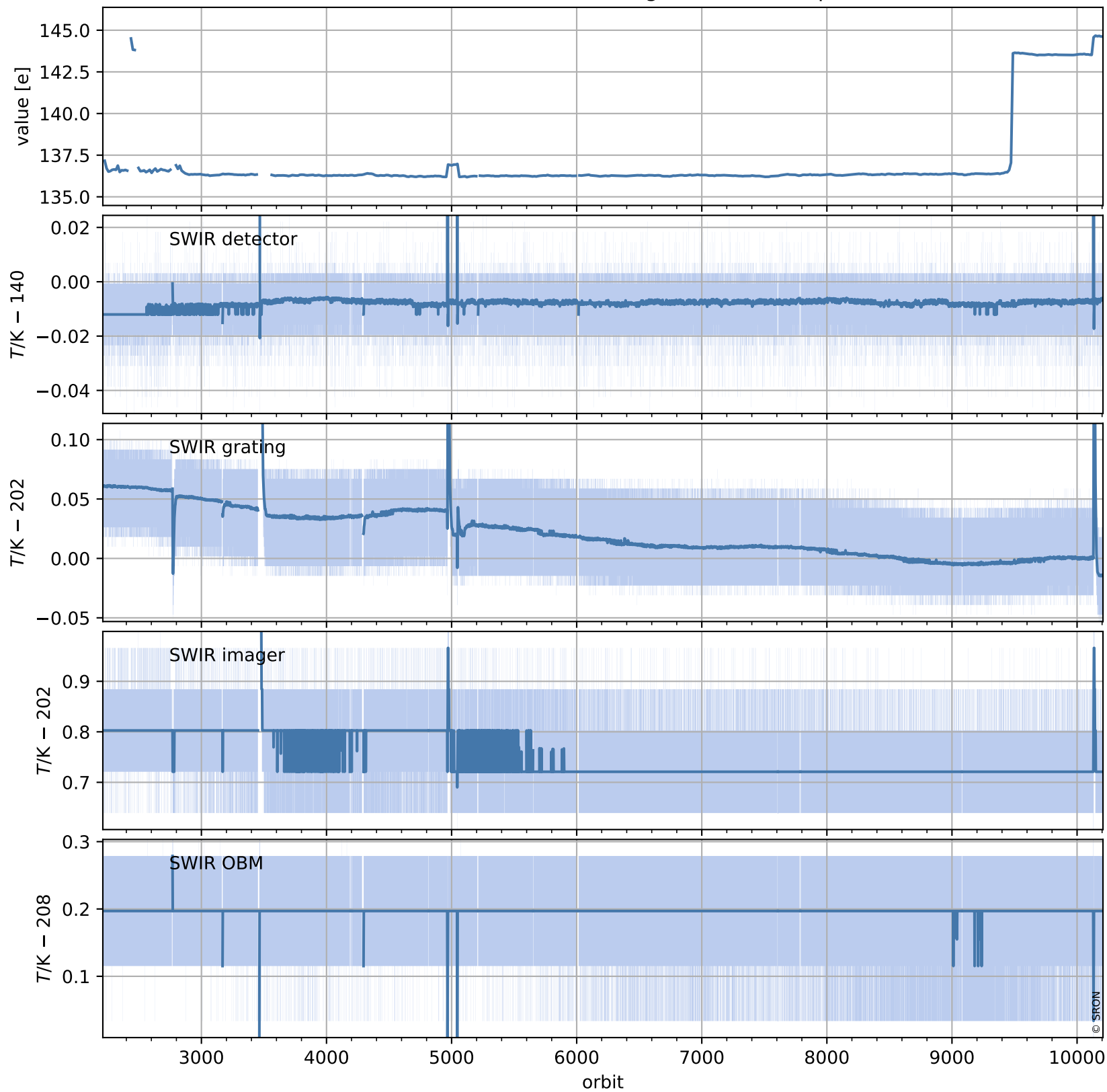
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10207]
coverage : 2018-03-18 / 2019-10-02
created : 2023-08-21T15:10:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10207]
coverage : 2018-03-18 / 2019-10-02
created : 2023-08-21T15:10:19

trend of normalized read-noise & temperatures

