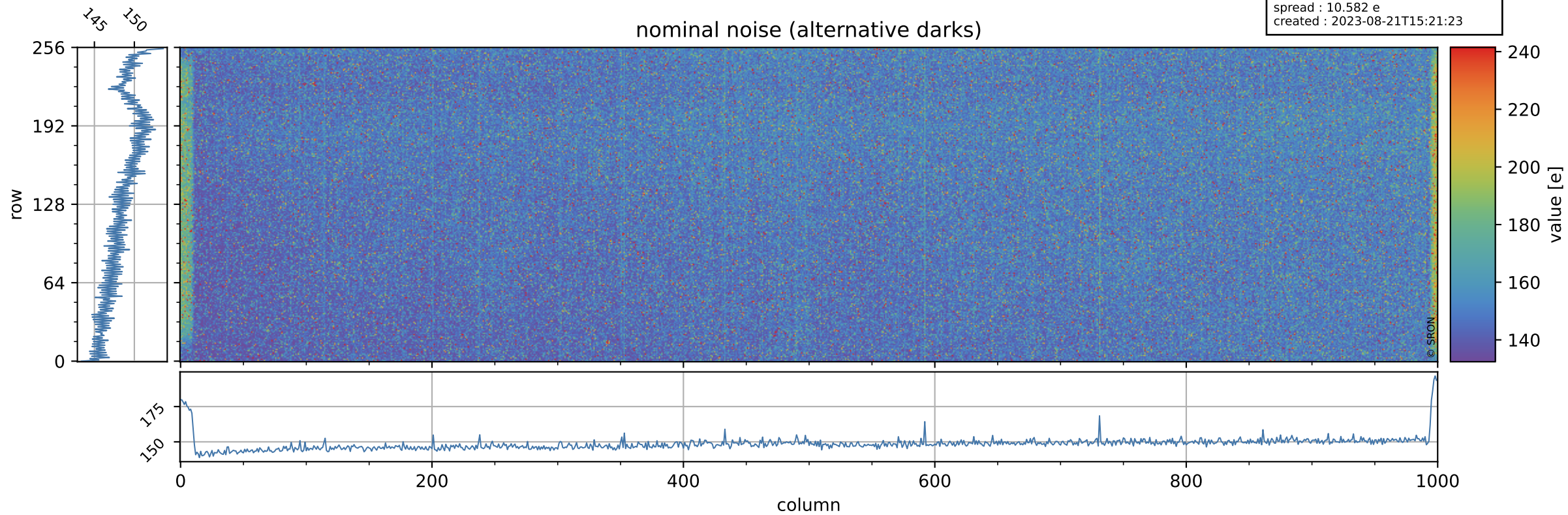


Tropomi SWIR background noise (swir)

orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.582 e
created : 2023-08-21T15:21:23

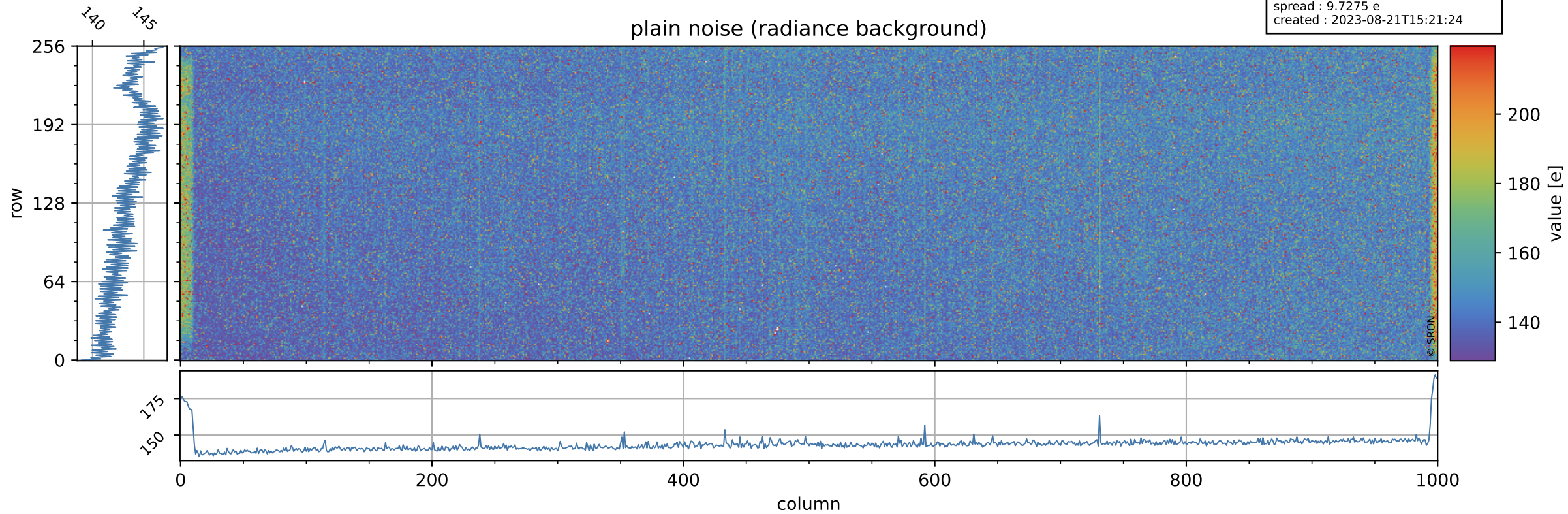
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7275 e
created : 2023-08-21T15:21:24

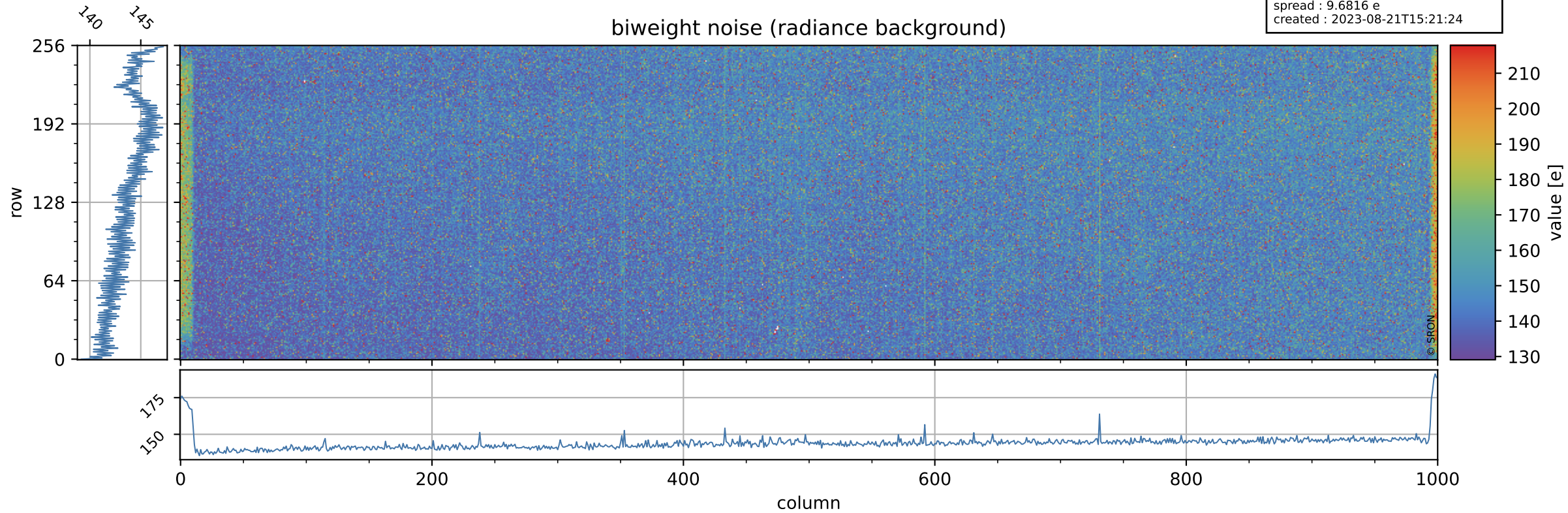
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.6816 e
created : 2023-08-21T15:21:24

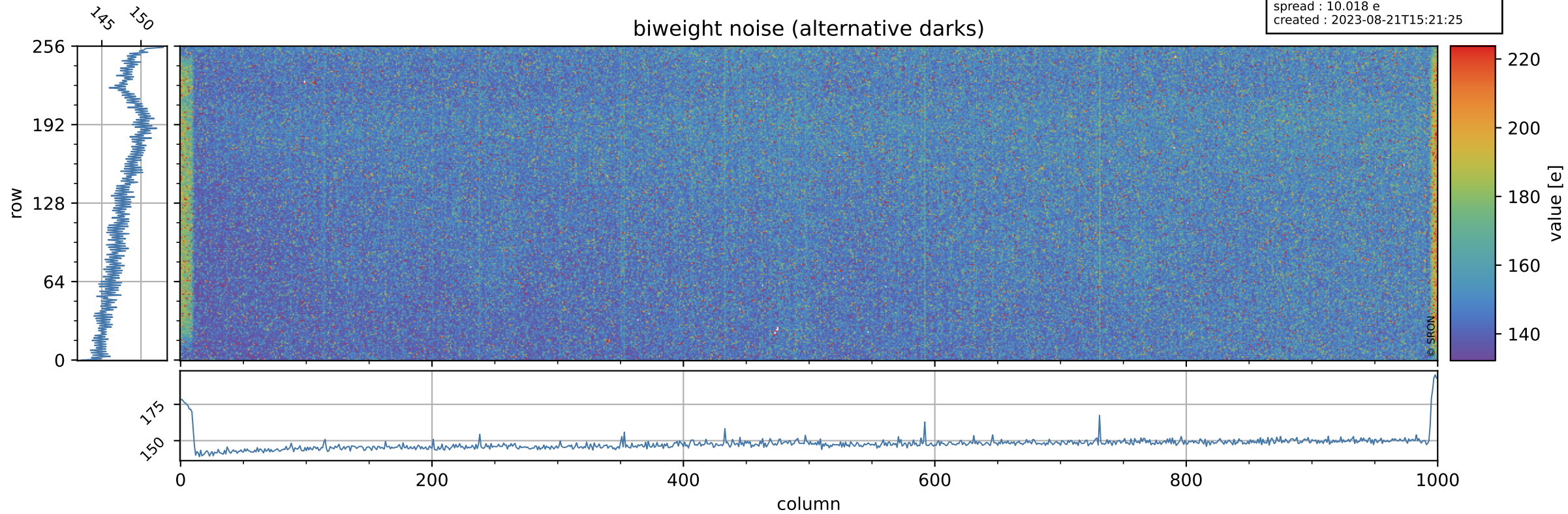
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.018 e
created : 2023-08-21T15:21:25

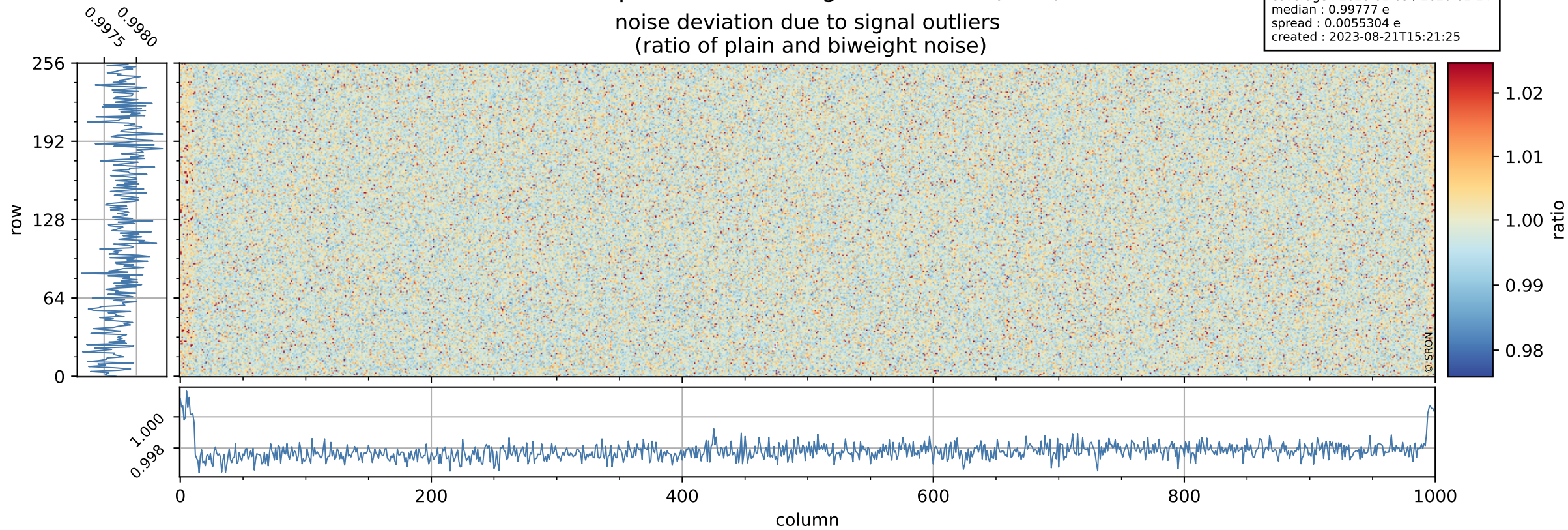
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

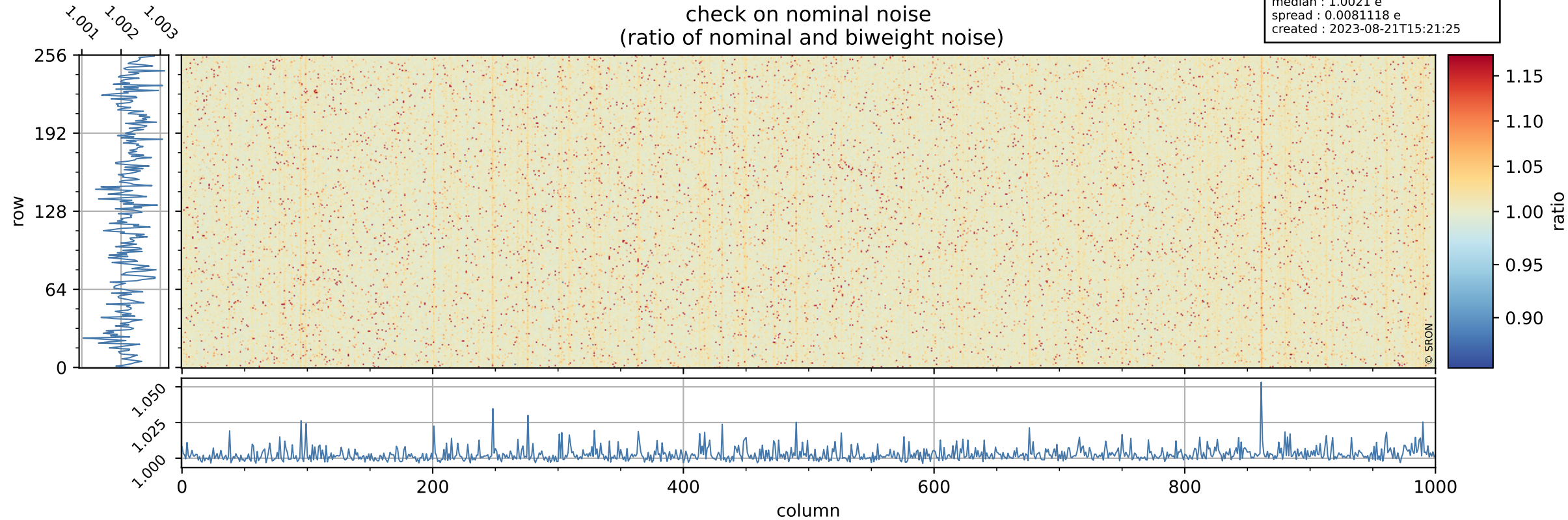
orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
median : 0.99777 e
spread : 0.0055304 e
created : 2023-08-21T15:21:25



Tropomi SWIR background noise (swir)

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

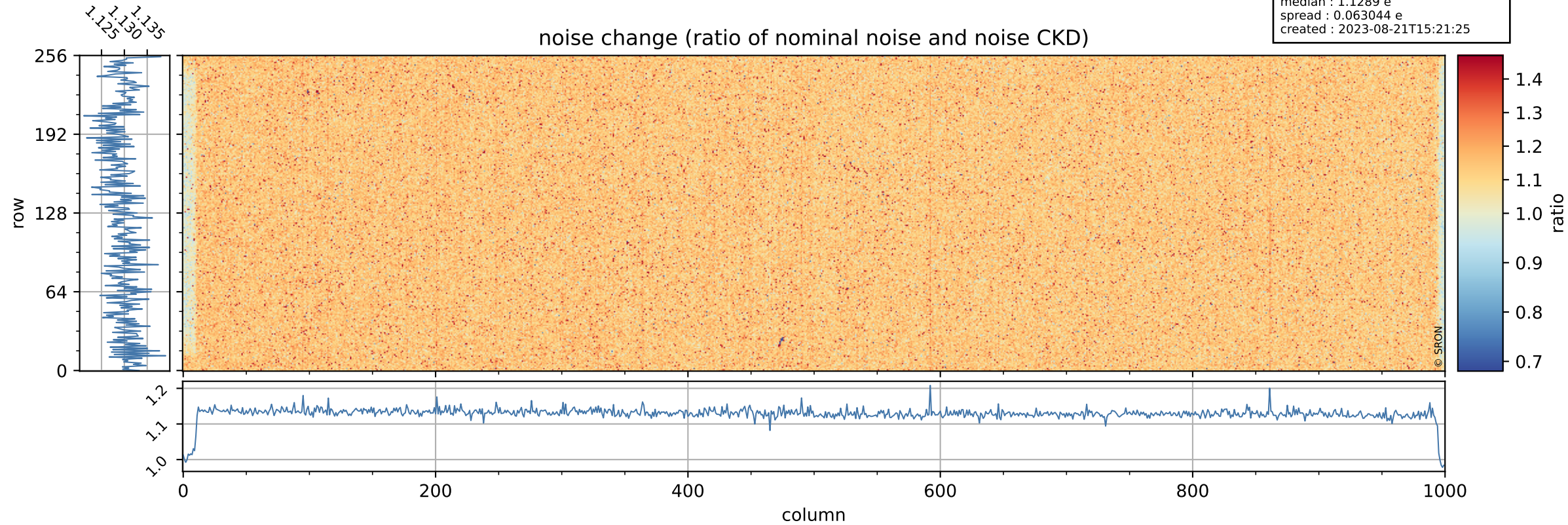
orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
median : 1.0021 e
spread : 0.0081118 e
created : 2023-08-21T15:21:25



Tropomi SWIR background noise (swir)

orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
median : 1.1289 e
spread : 0.063044 e
created : 2023-08-21T15:21:25

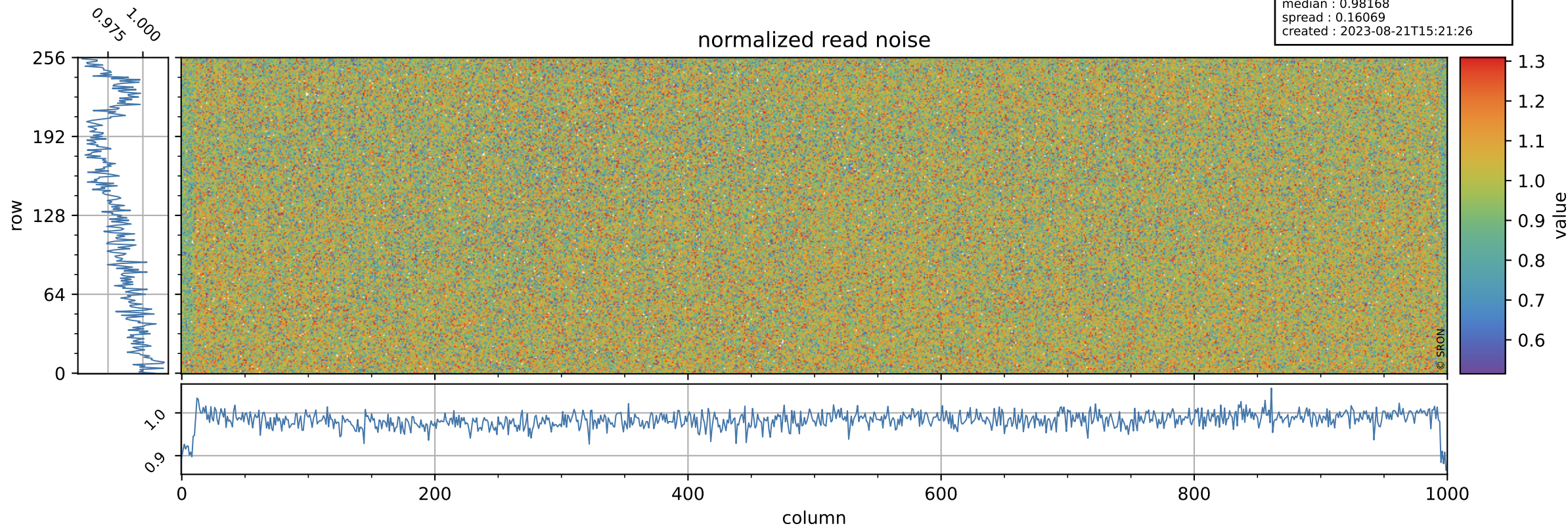
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

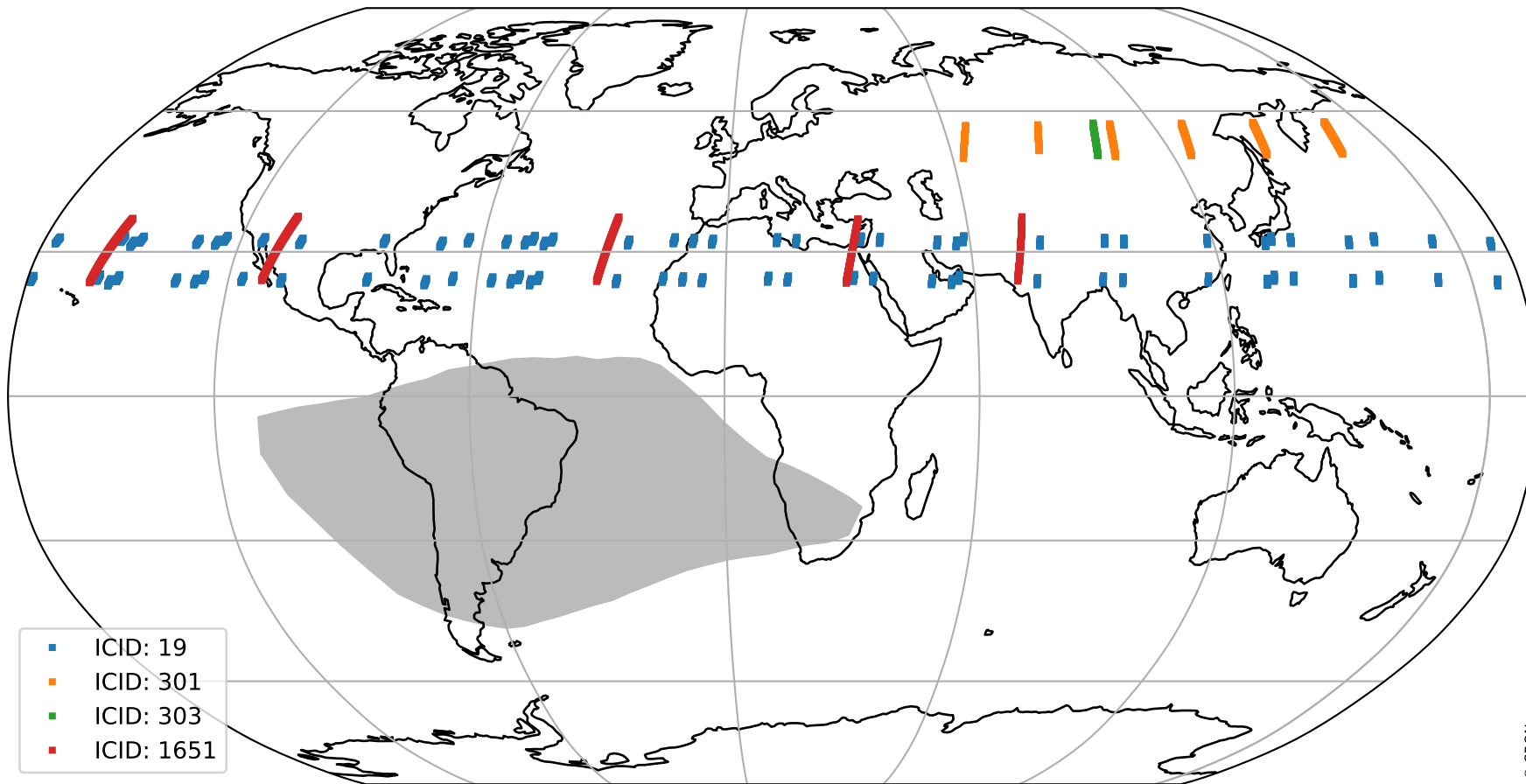
orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
median : 0.98168
spread : 0.16069
created : 2023-08-21T15:21:26

normalized read noise



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

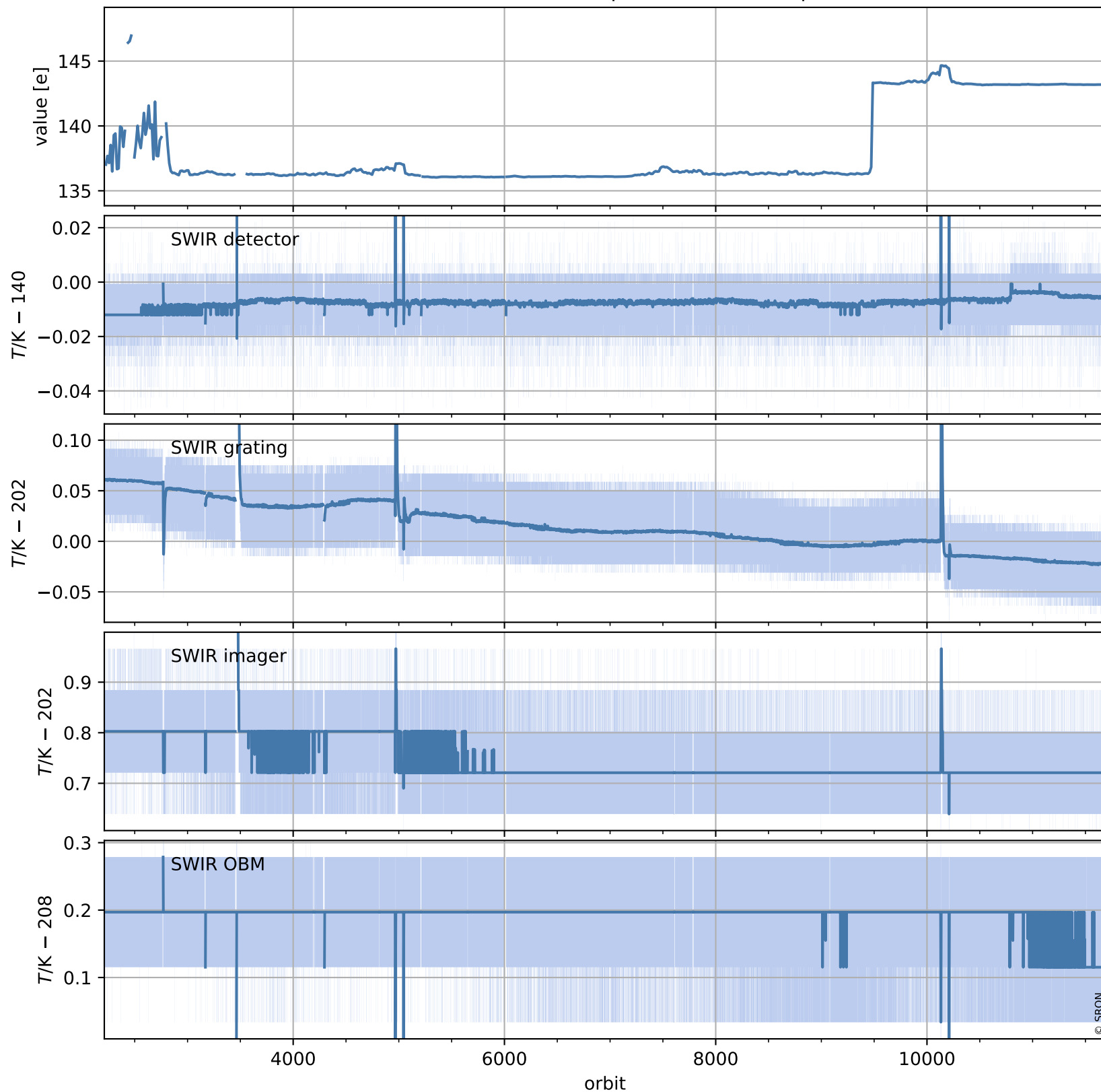
orbits : 12 in [11602, 11692]
coverage : 2020-01-09 / 2020-01-14
created : 2023-08-21T15:21:26



Tropomi SWIR background noise (swir)

orbits : [2212, 11692]
coverage : 2018-03-18 / 2020-01-14
created : 2023-08-21T15:21:27

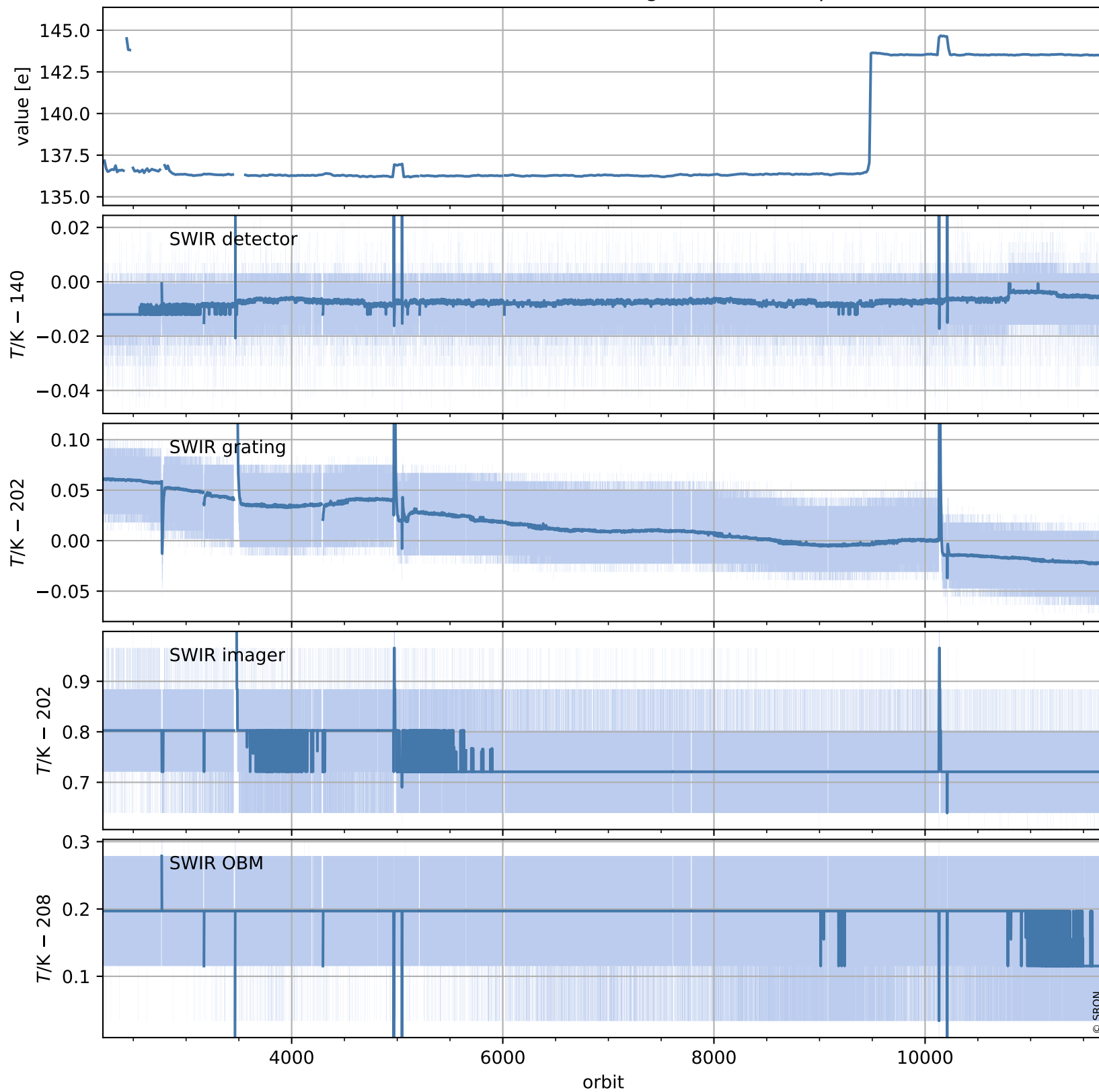
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11692]
coverage : 2018-03-18 / 2020-01-14
created : 2023-08-21T15:21:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11692]
coverage : 2018-03-18 / 2020-01-14
created : 2023-08-21T15:21:28

trend of normalized read-noise & temperatures

