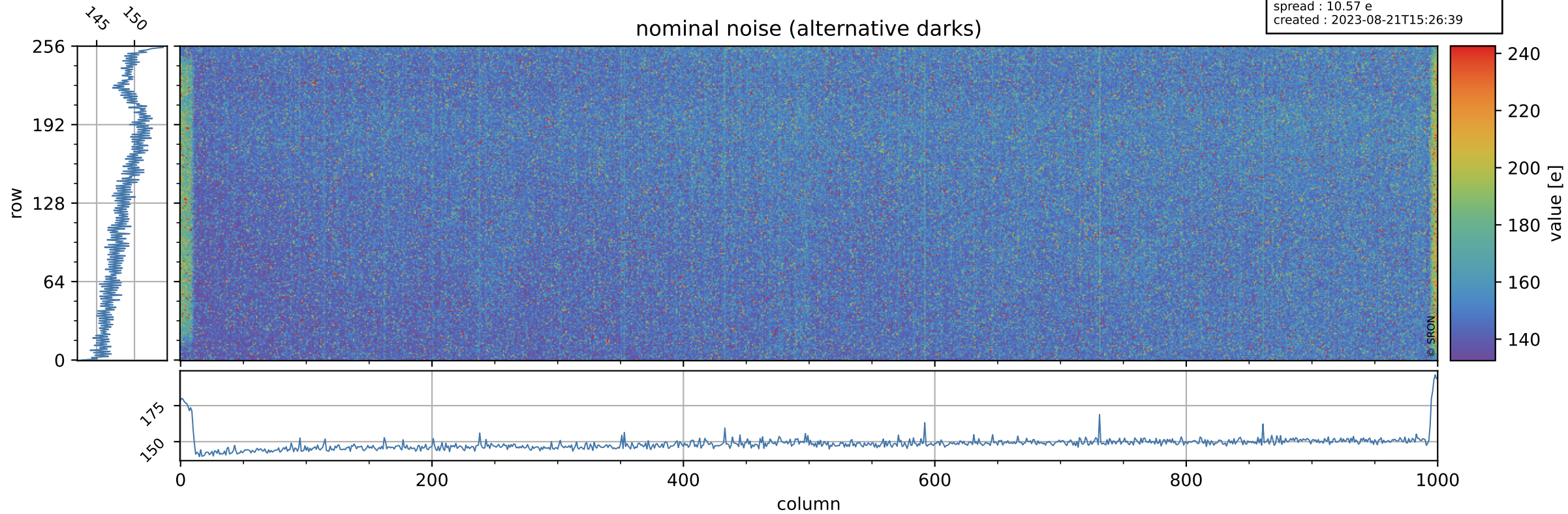


Tropomi SWIR background noise (swir)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.57 e
created : 2023-08-21T15:26:39

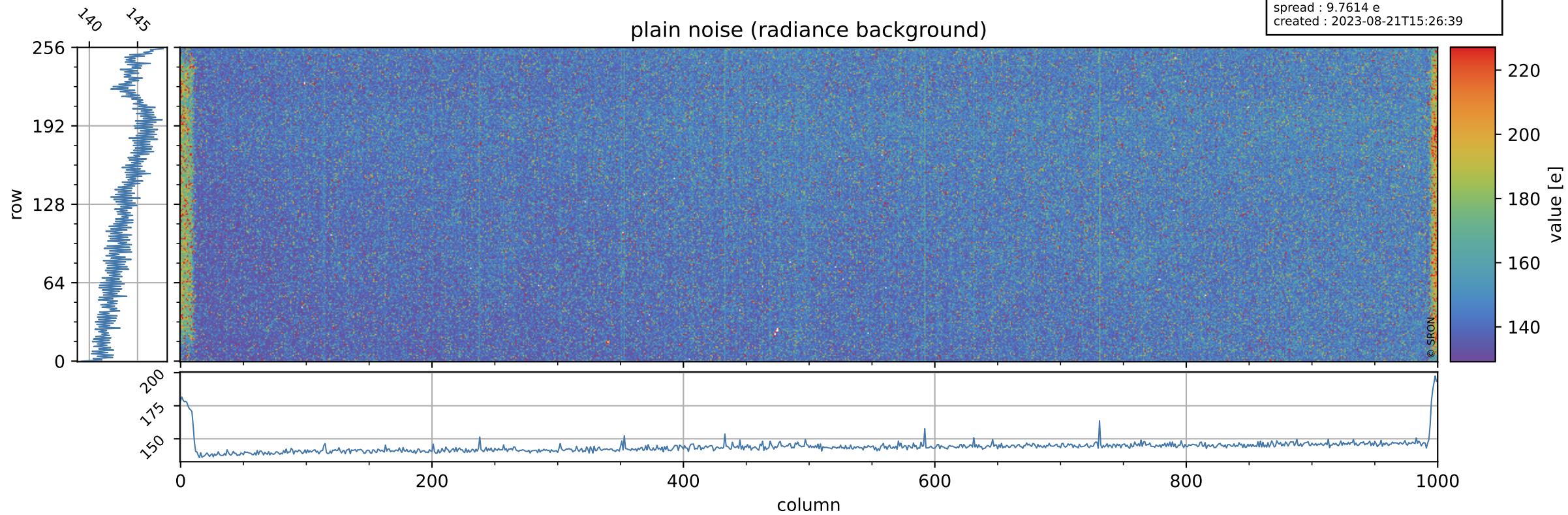
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.7614 e
created : 2023-08-21T15:26:39

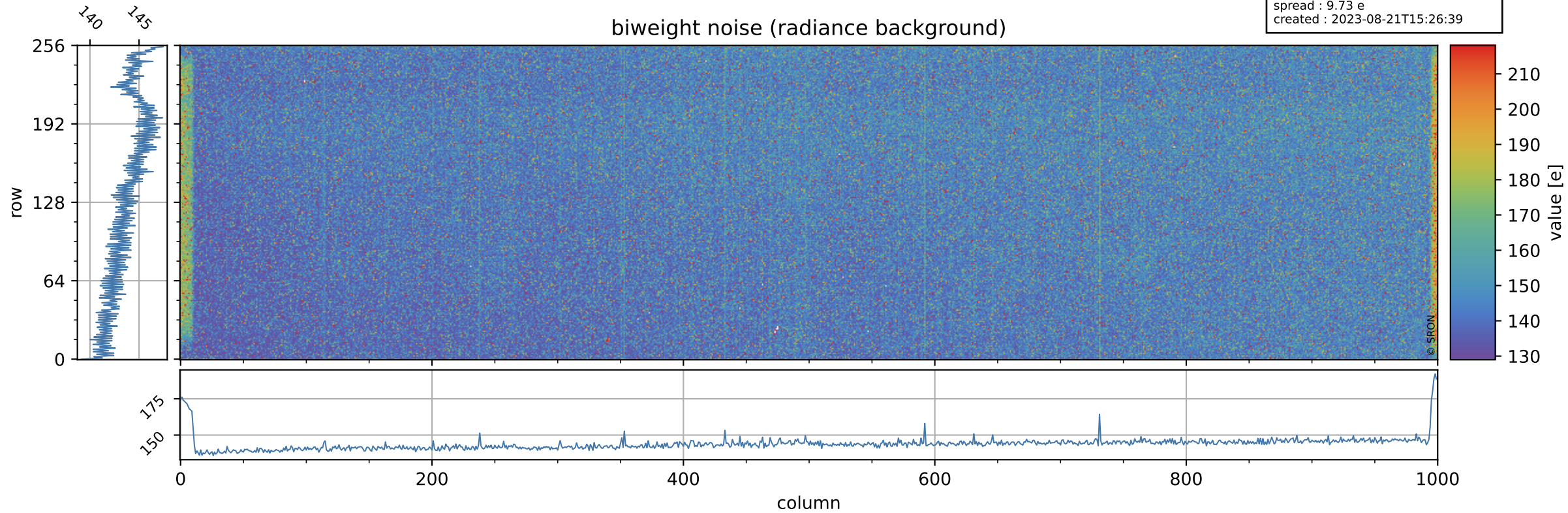
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.73 e
created : 2023-08-21T15:26:39

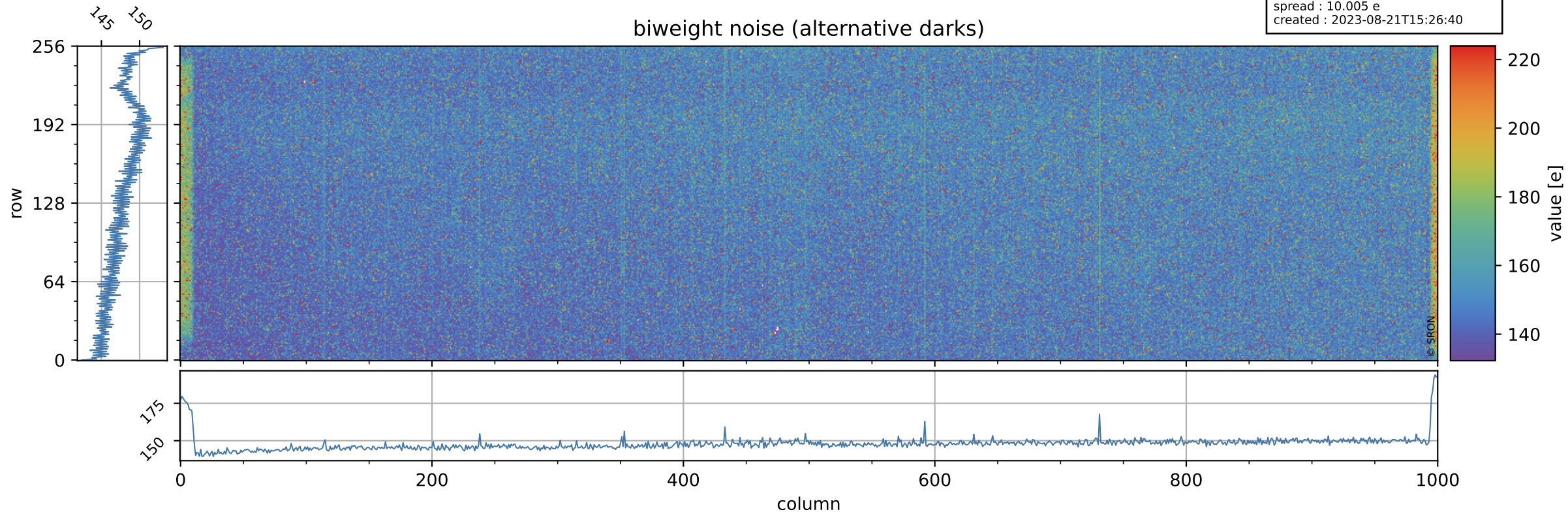
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.005 e
created : 2023-08-21T15:26:40

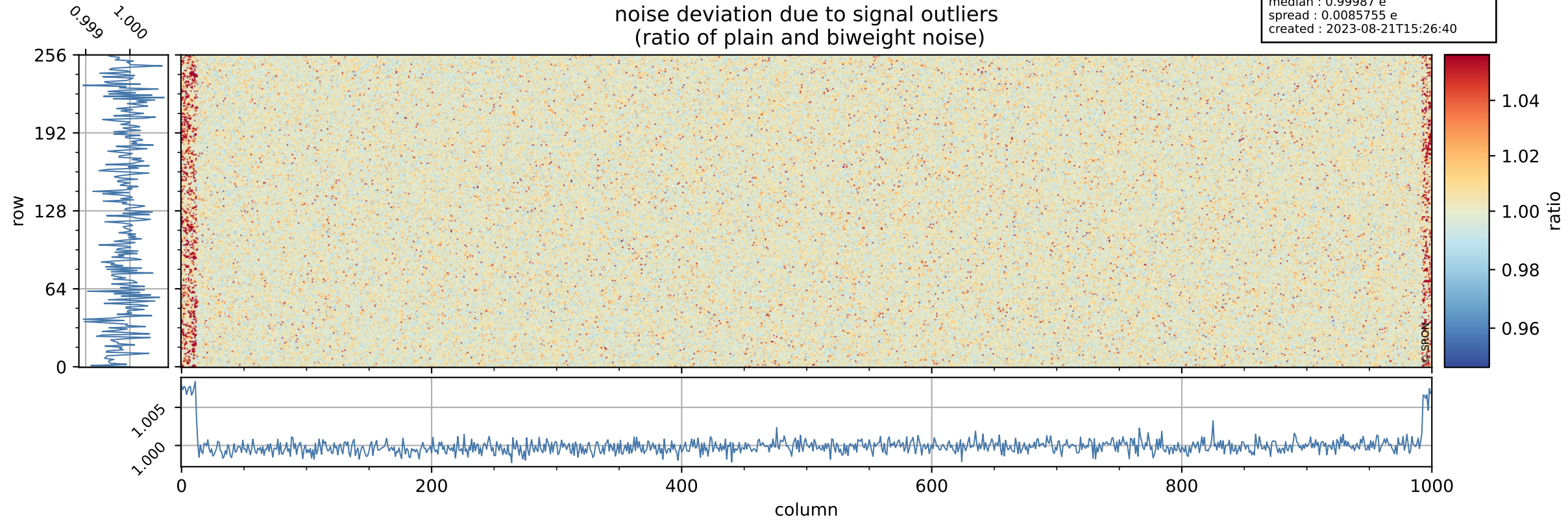
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

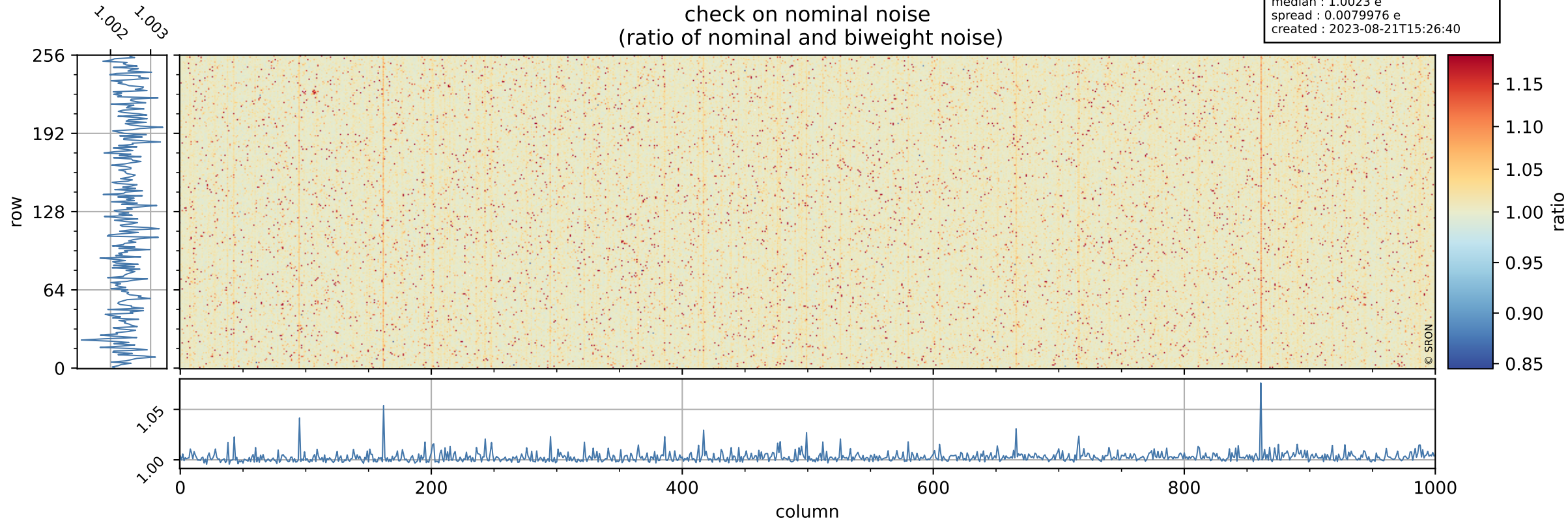
orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
median : 0.99987 e
spread : 0.0085755 e
created : 2023-08-21T15:26:40



Tropomi SWIR background noise (swir)

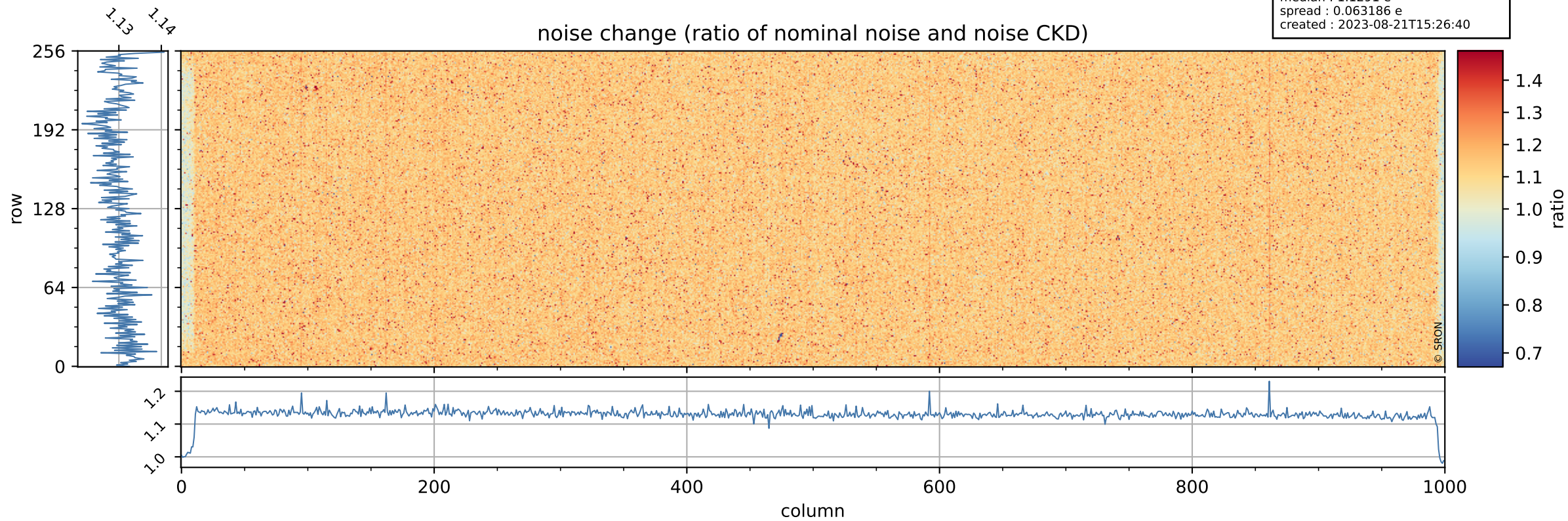
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
median : 1.0023 e
spread : 0.0079976 e
created : 2023-08-21T15:26:40



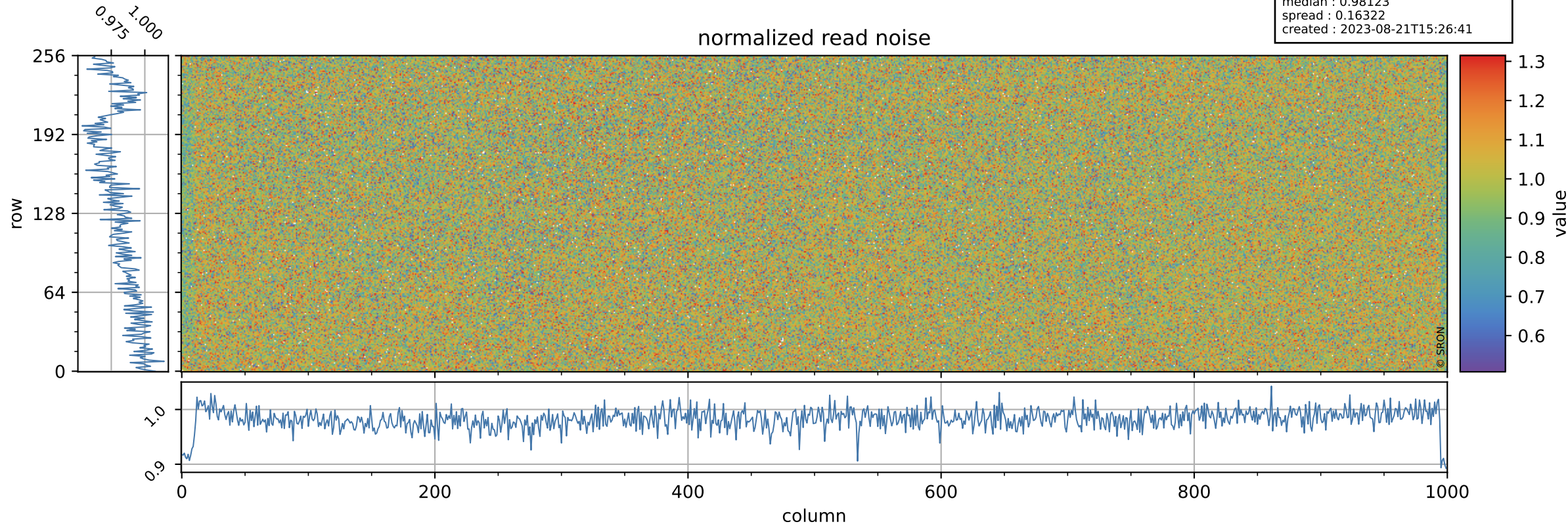
Tropomi SWIR background noise (swir)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
median : 1.1291 e
spread : 0.063186 e
created : 2023-08-21T15:26:40



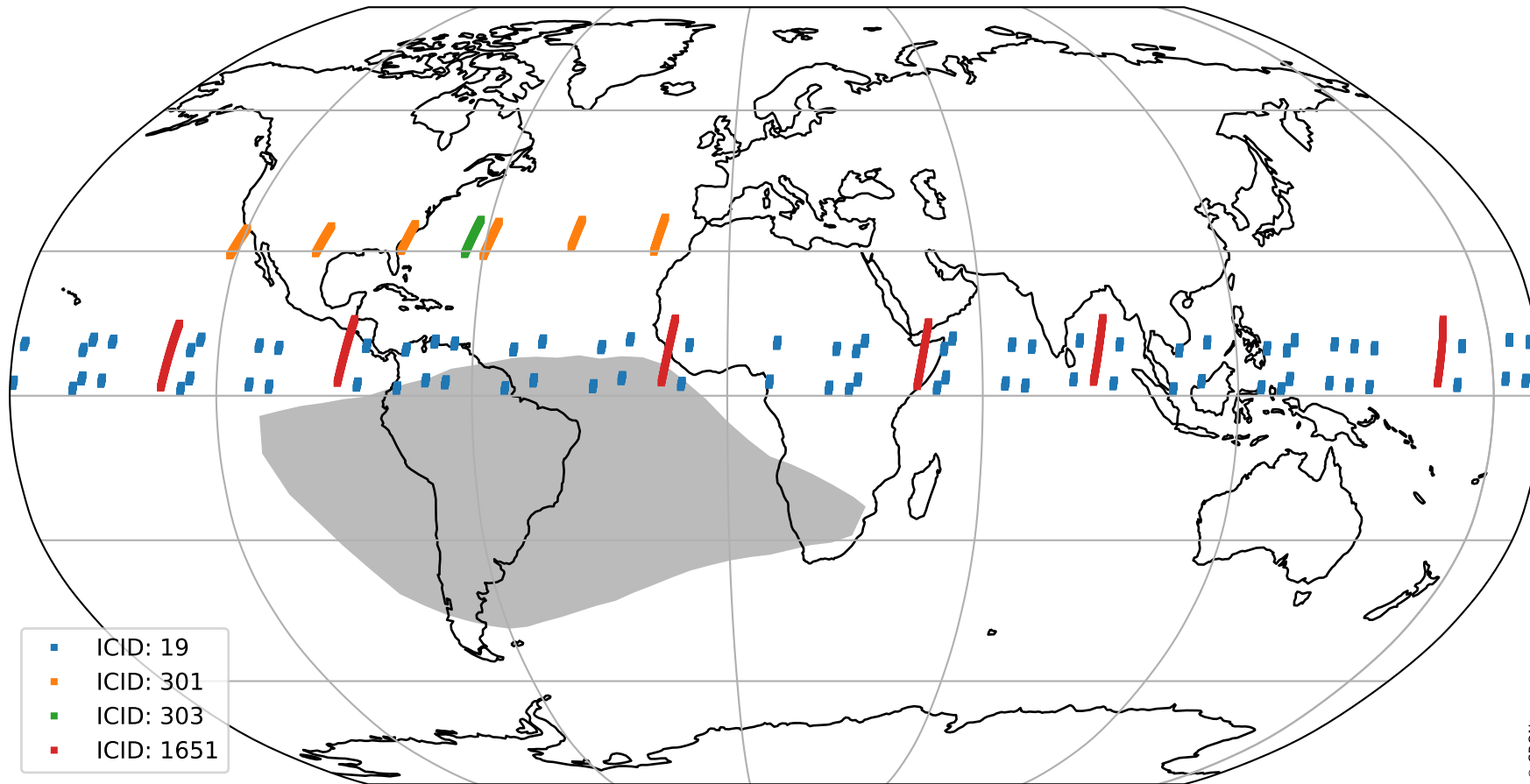
Tropomi SWIR background noise (swir)

orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
median : 0.98123
spread : 0.16322
created : 2023-08-21T15:26:41



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

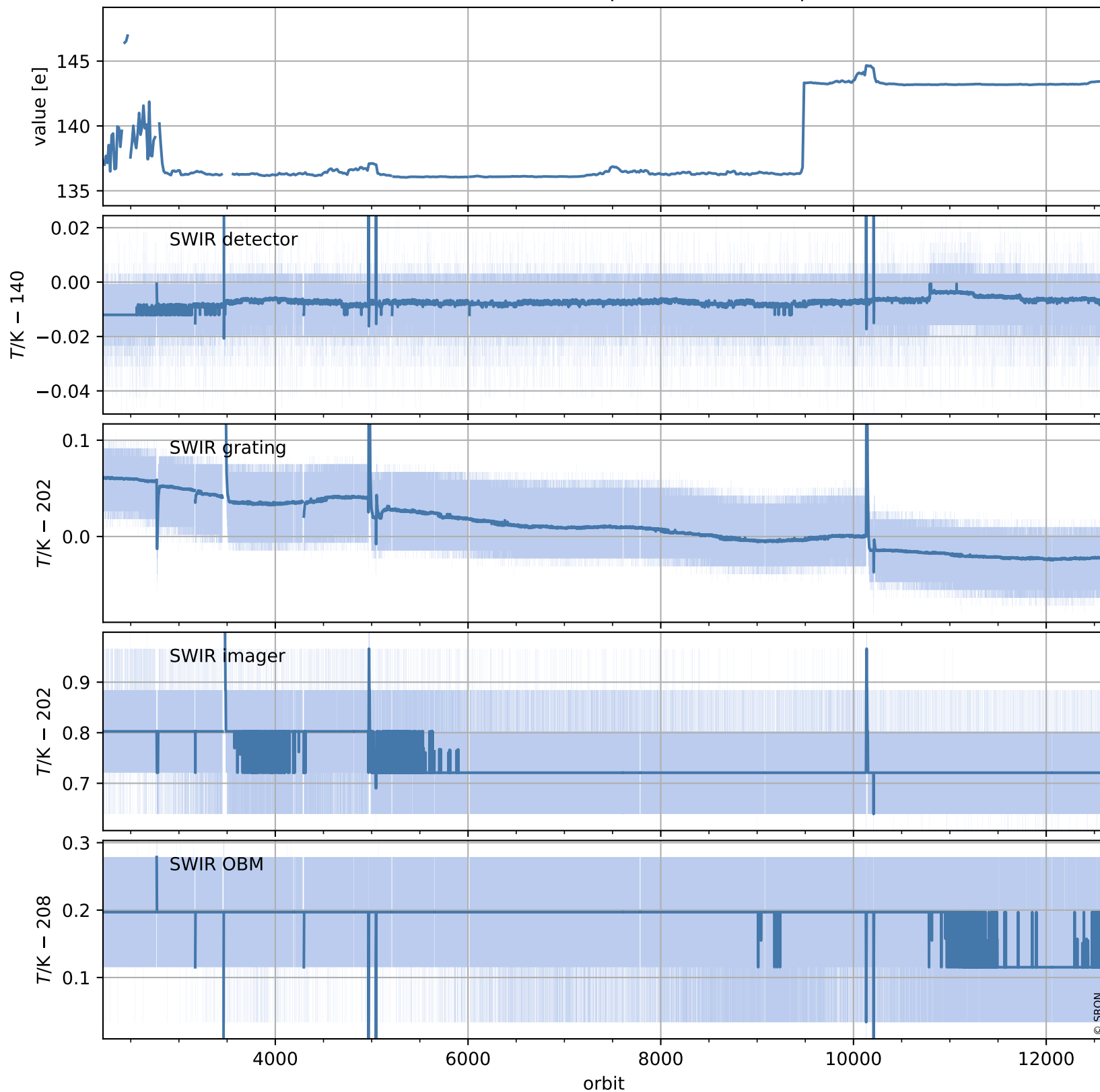
orbits : 13 in [12532, 12607]
coverage : 2020-03-14 / 2020-03-19
created : 2023-08-21T15:26:41



Tropomi SWIR background noise (swir)

orbits : [2212, 12607]
coverage : 2018-03-18 / 2020-03-19
created : 2023-08-21T15:26:41

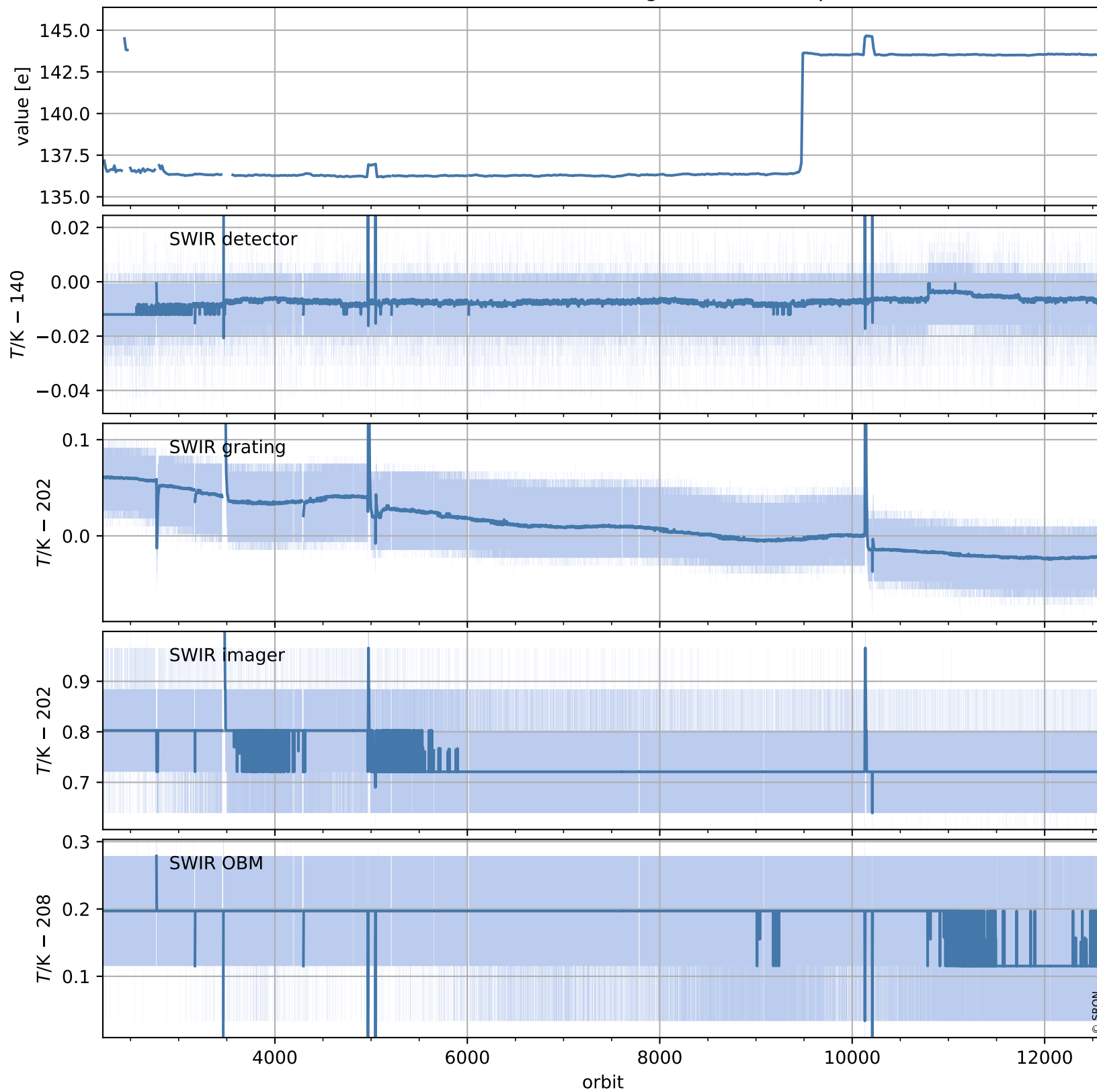
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12607]
coverage : 2018-03-18 / 2020-03-19
created : 2023-08-21T15:26:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12607]
coverage : 2018-03-18 / 2020-03-19
created : 2023-08-21T15:26:43

trend of normalized read-noise & temperatures

