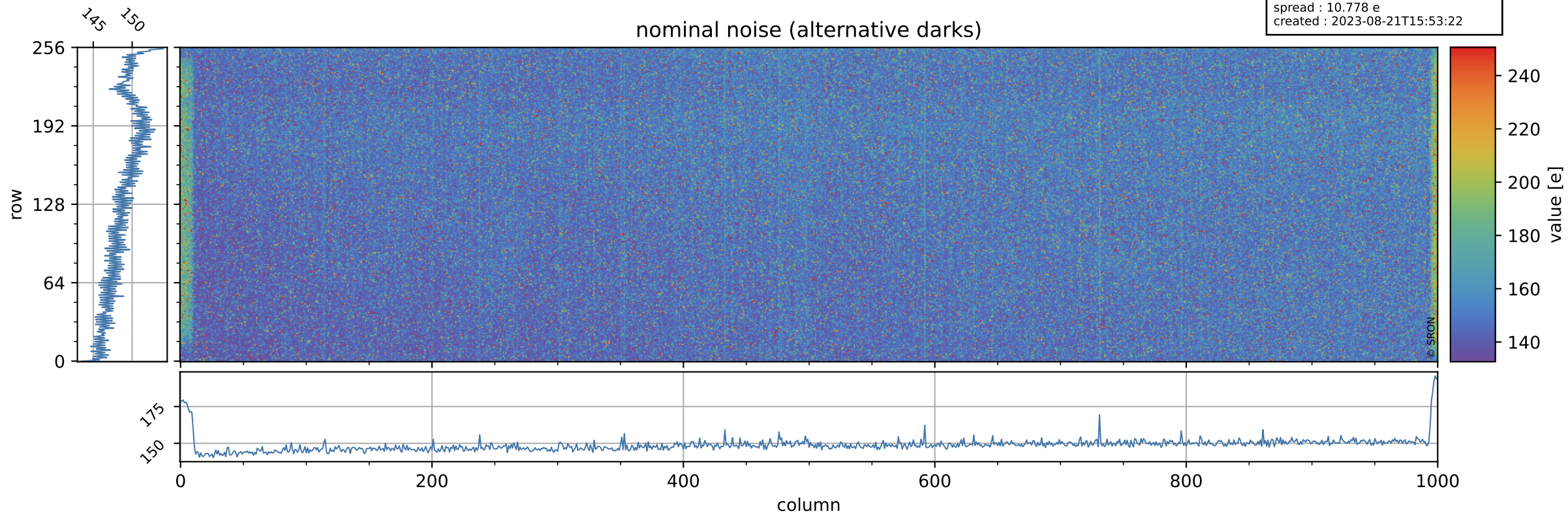


Tropomi SWIR background noise (swir)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.778 e
created : 2023-08-21T15:53:22

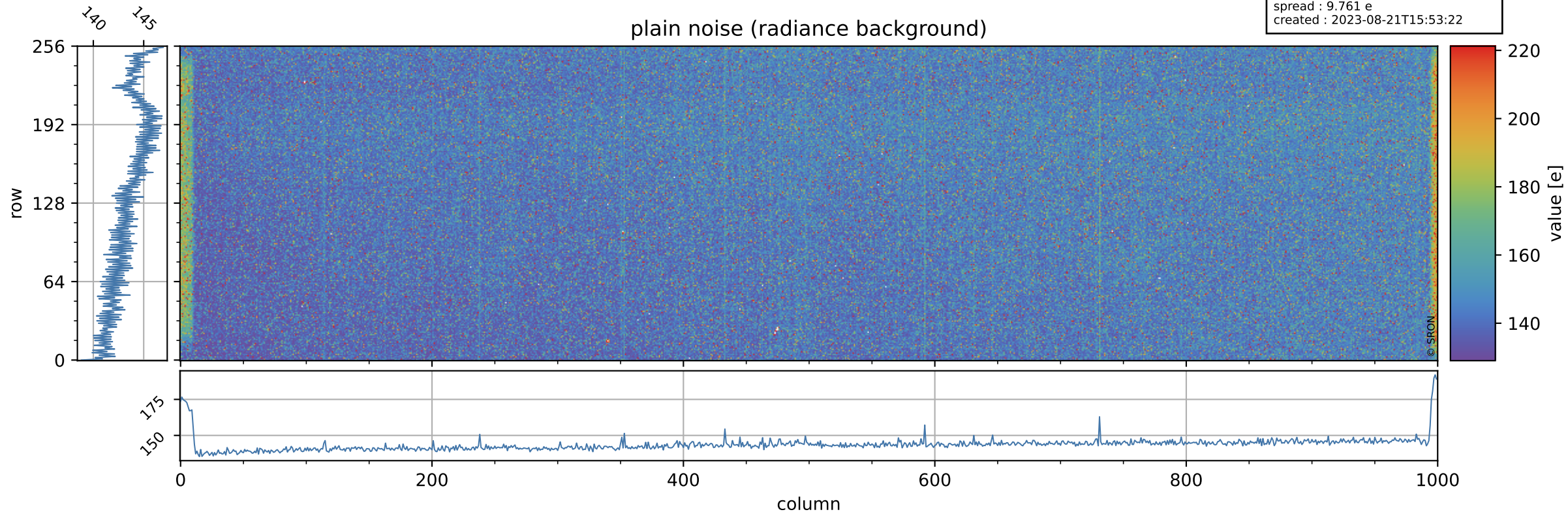
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.761 e
created : 2023-08-21T15:53:22

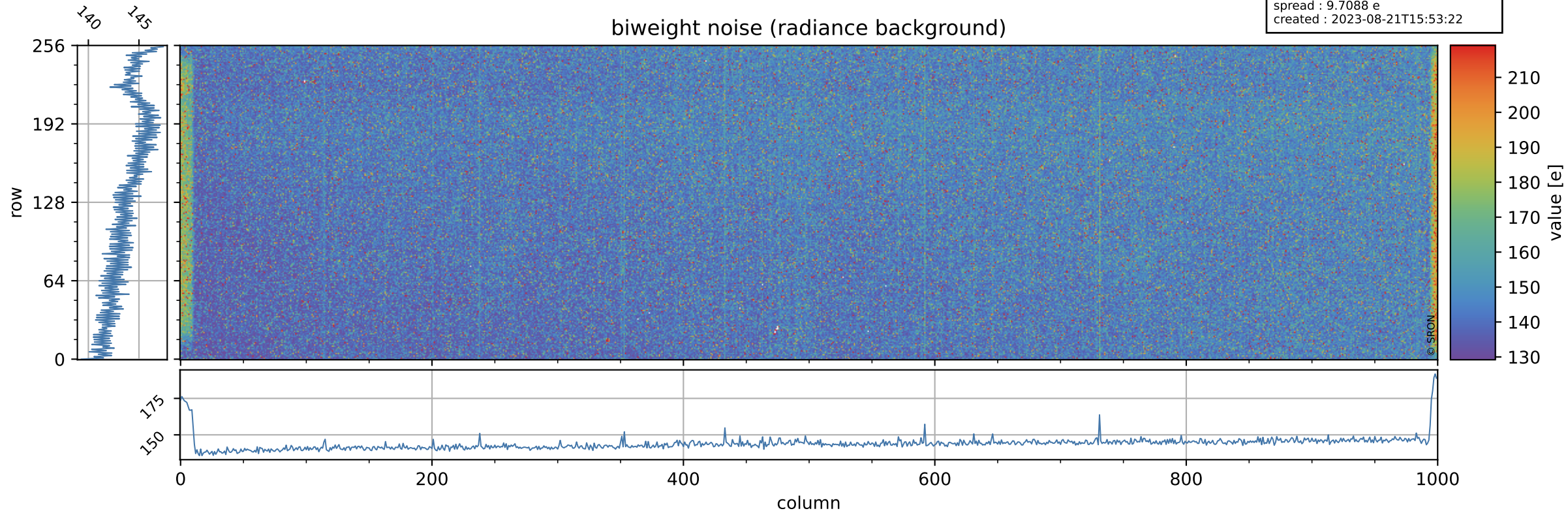
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7088 e
created : 2023-08-21T15:53:22

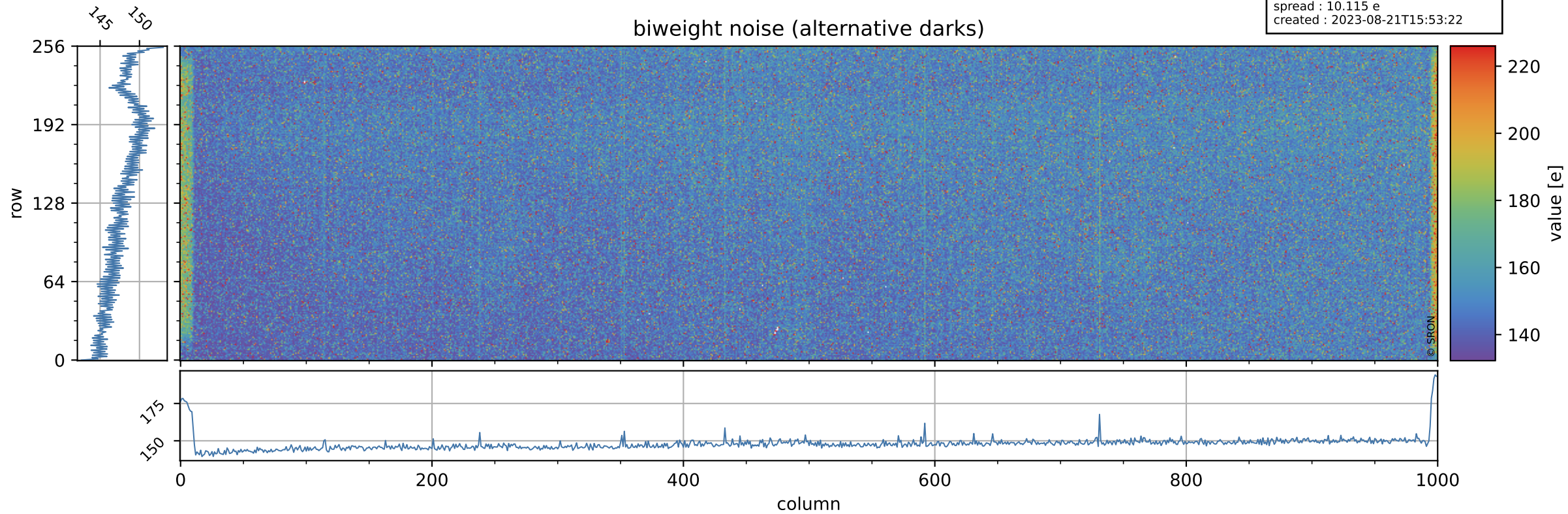
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.115 e
created : 2023-08-21T15:53:22

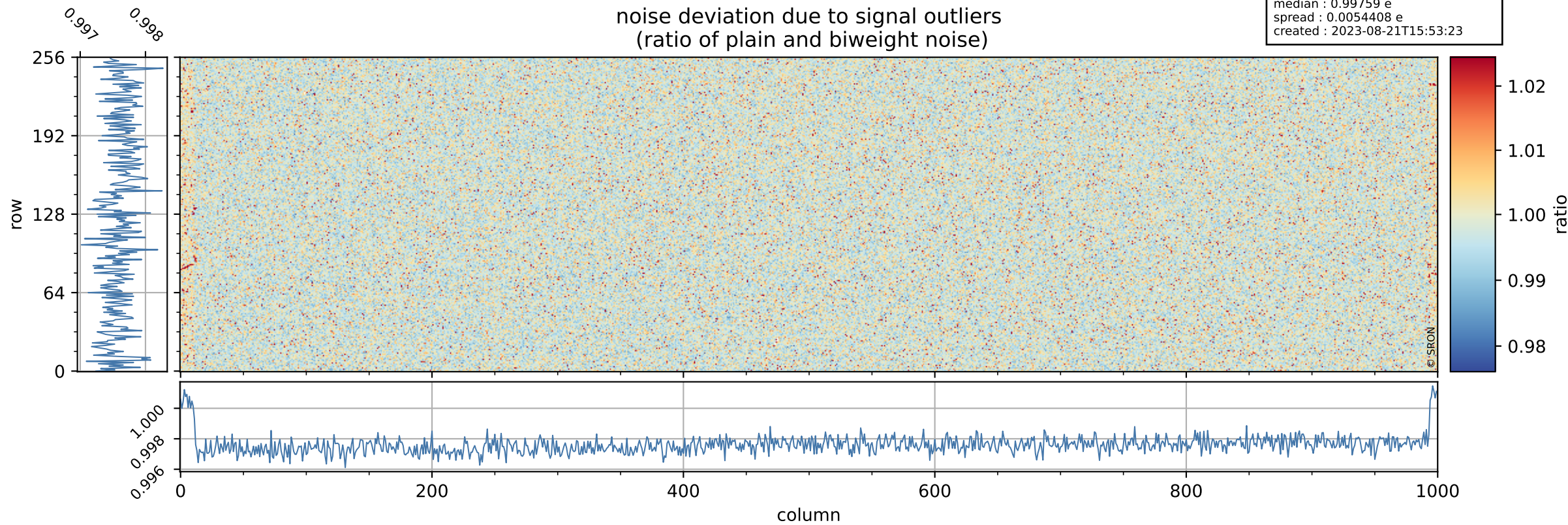
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

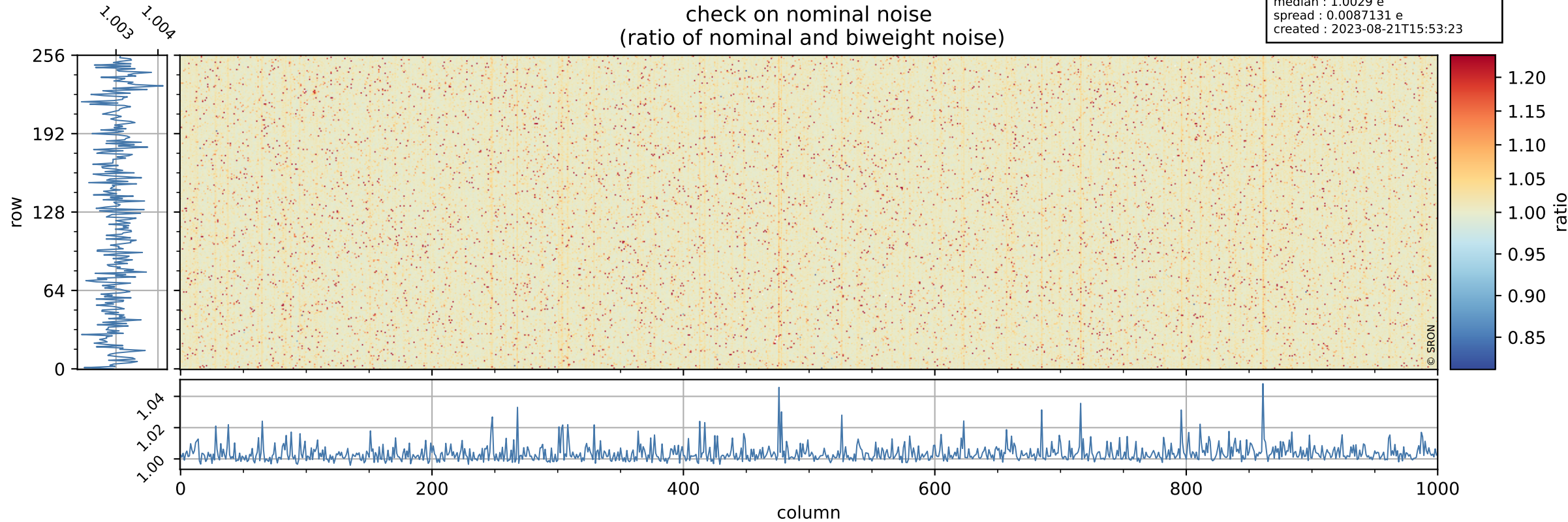
orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
median : 0.99759 e
spread : 0.0054408 e
created : 2023-08-21T15:53:23



Tropomi SWIR background noise (swir)

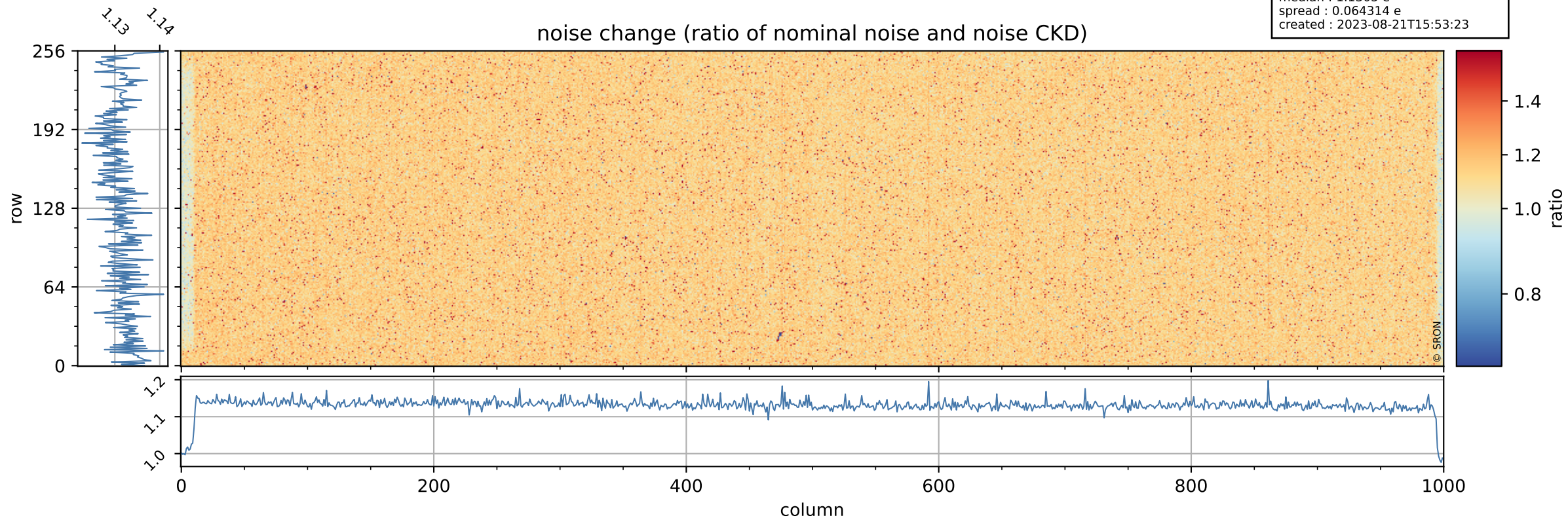
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
median : 1.0029 e
spread : 0.0087131 e
created : 2023-08-21T15:53:23



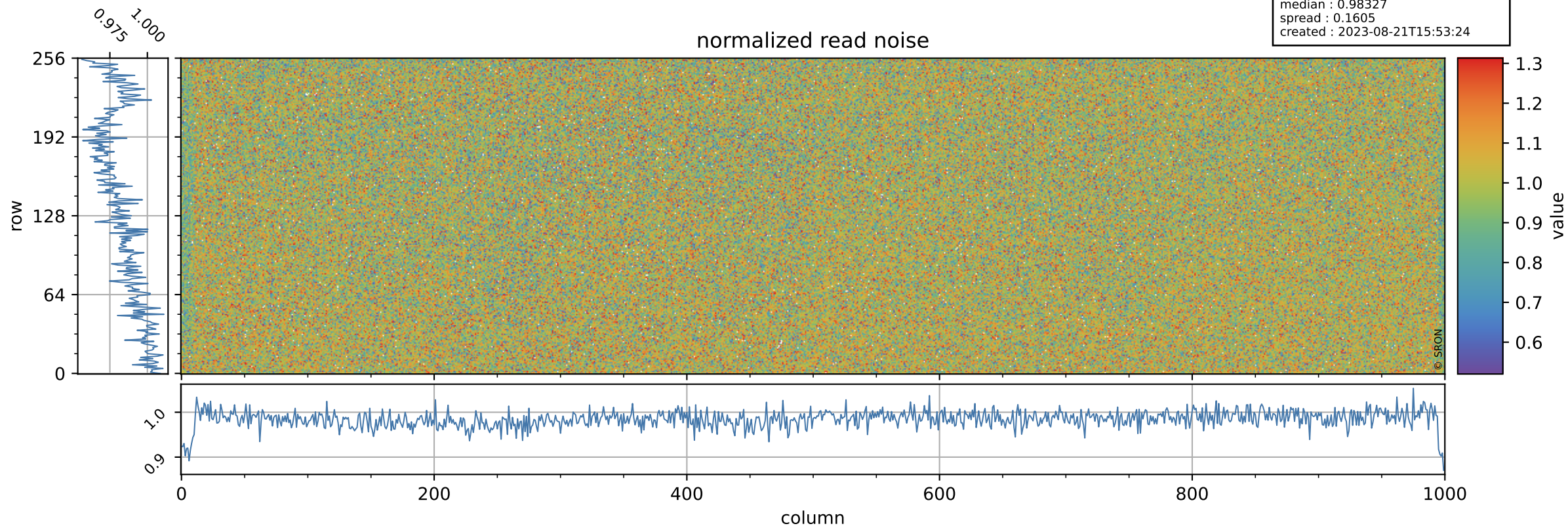
Tropomi SWIR background noise (swir)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
median : 1.1305 e
spread : 0.064314 e
created : 2023-08-21T15:53:23



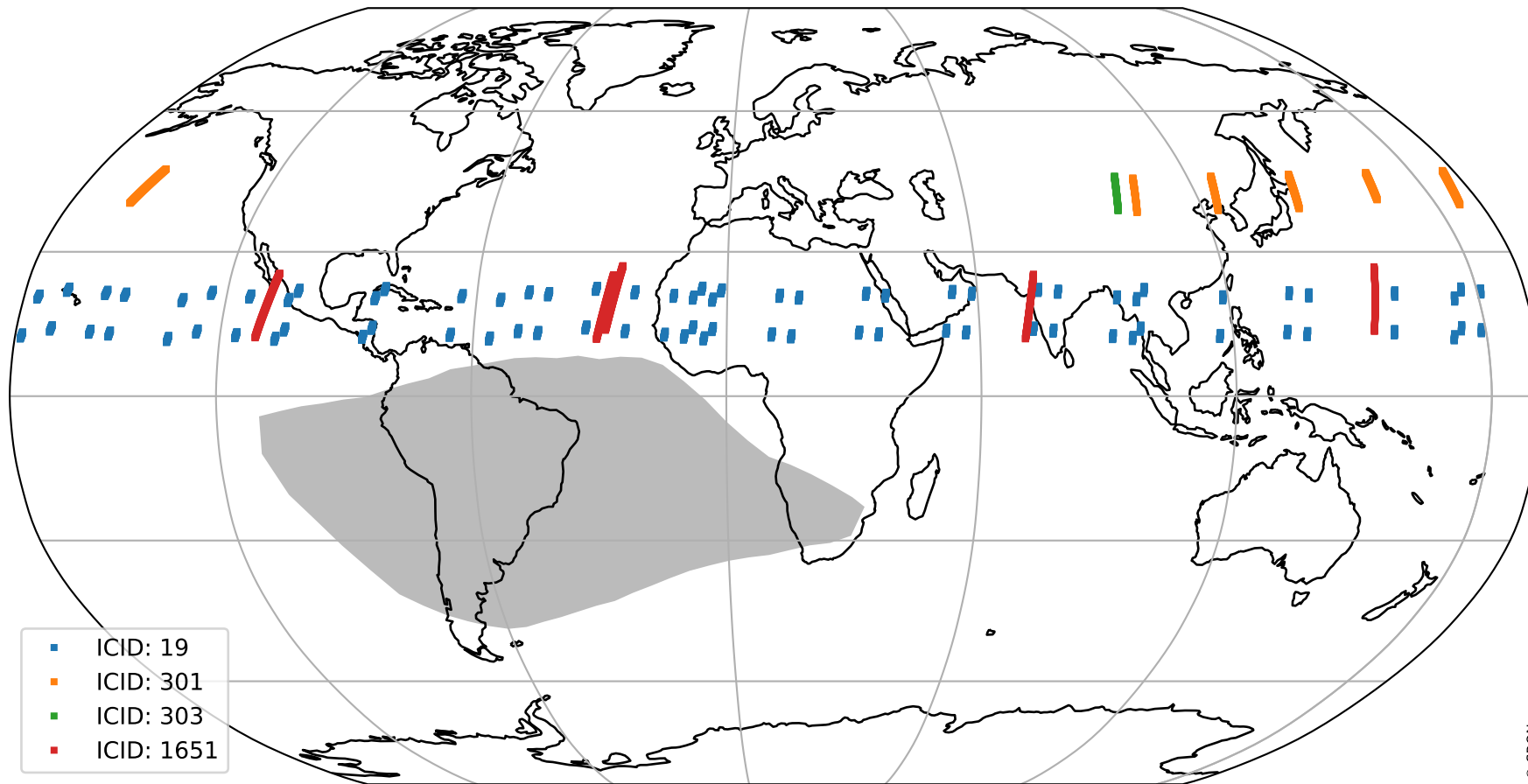
Tropomi SWIR background noise (swir)

orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
median : 0.98327
spread : 0.1605
created : 2023-08-21T15:53:24



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

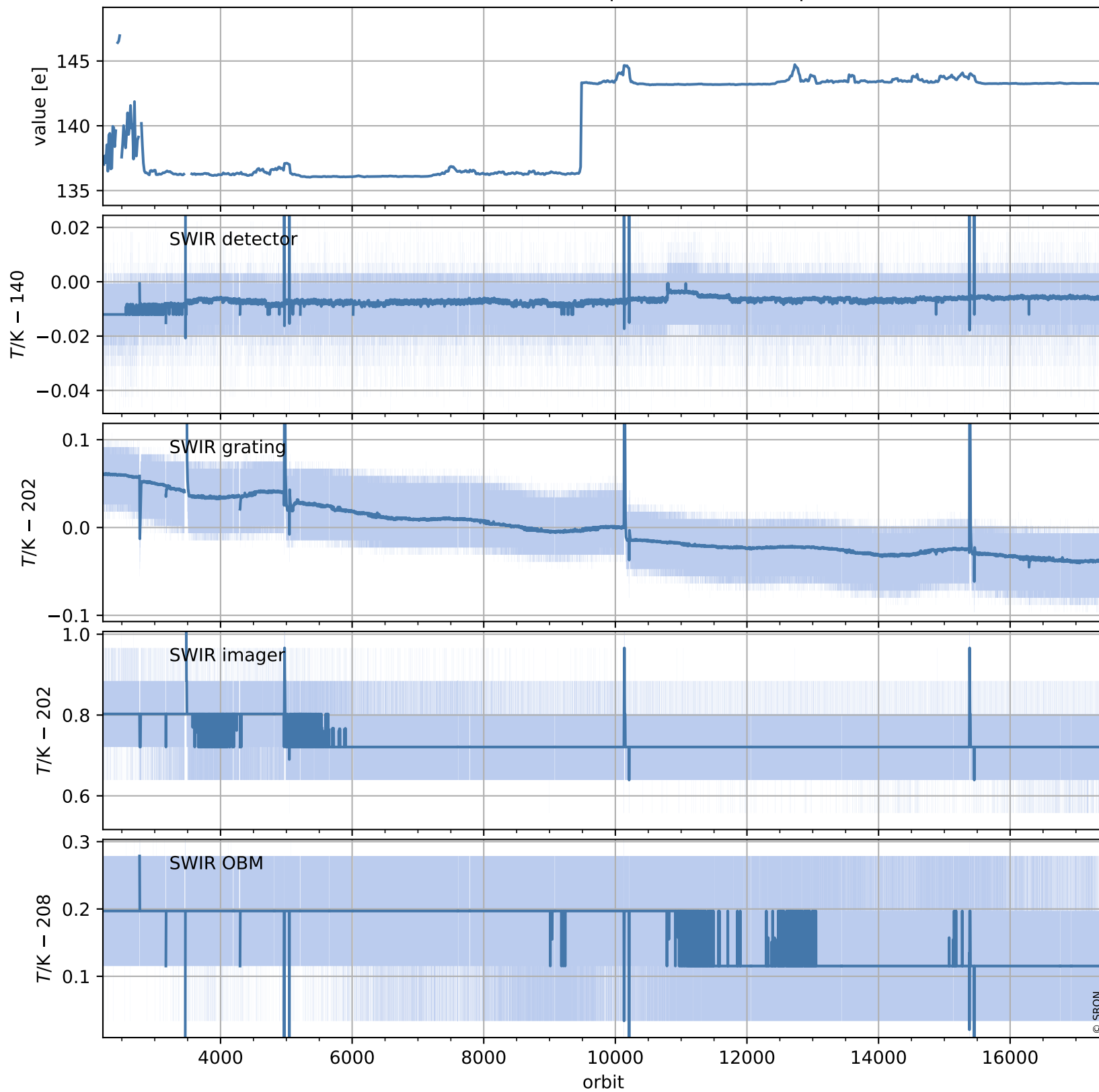
orbits : 12 in [17332, 17422]
coverage : 2021-02-16 / 2021-02-22
created : 2023-08-21T15:53:24



Tropomi SWIR background noise (swir)

orbits : [2212, 17422]
coverage : 2018-03-18 / 2021-02-22
created : 2023-08-21T15:53:24

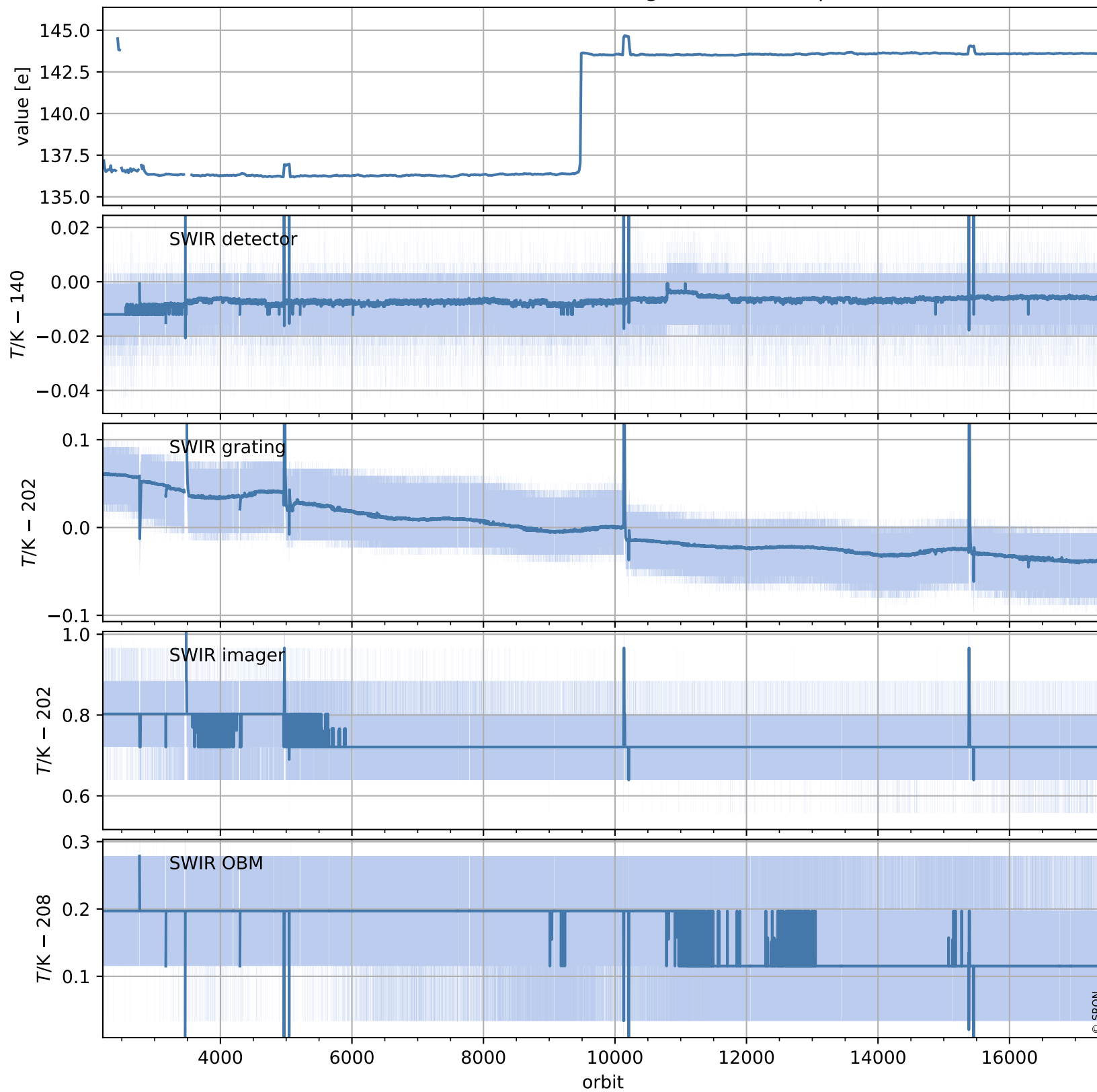
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17422]
coverage : 2018-03-18 / 2021-02-22
created : 2023-08-21T15:53:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17422]
coverage : 2018-03-18 / 2021-02-22
created : 2023-08-21T15:53:26

trend of normalized read-noise & temperatures

