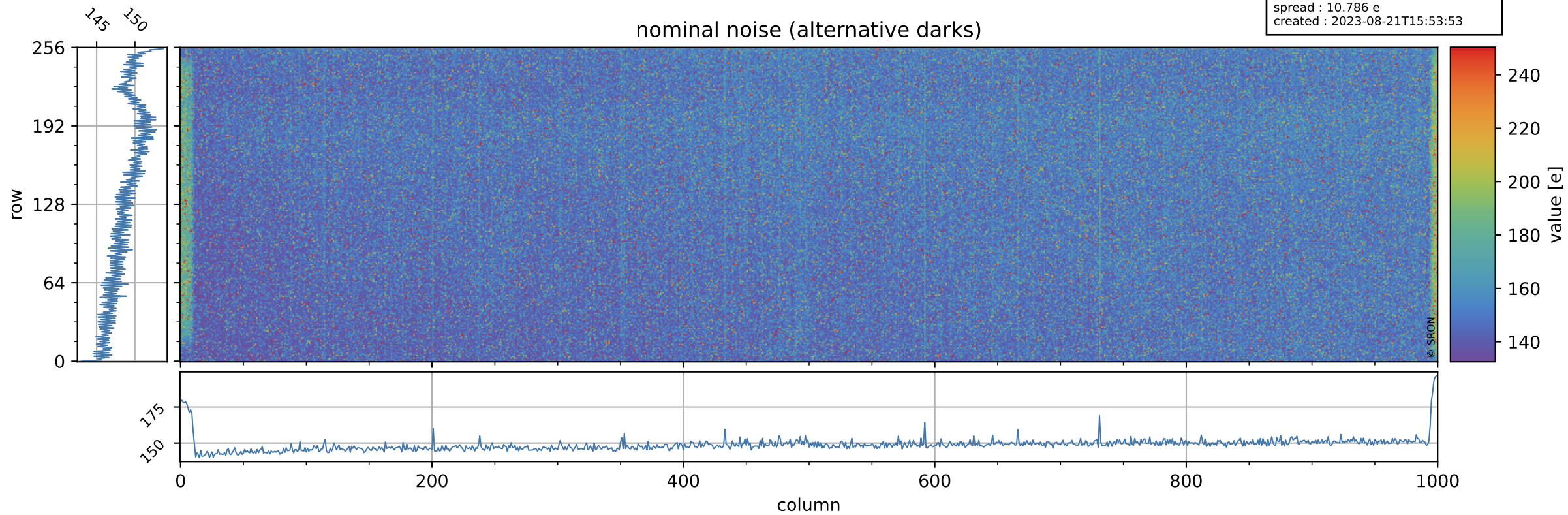


Tropomi SWIR background noise (swir)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.786 e
created : 2023-08-21T15:53:53

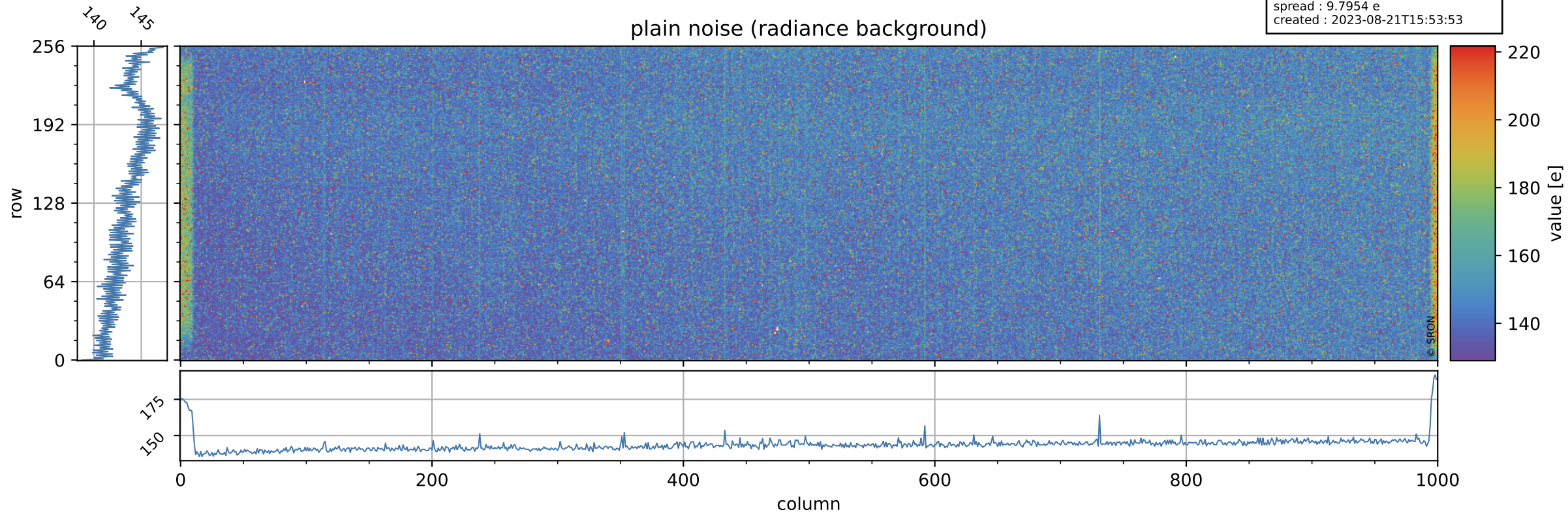
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.7954 e
created : 2023-08-21T15:53:53

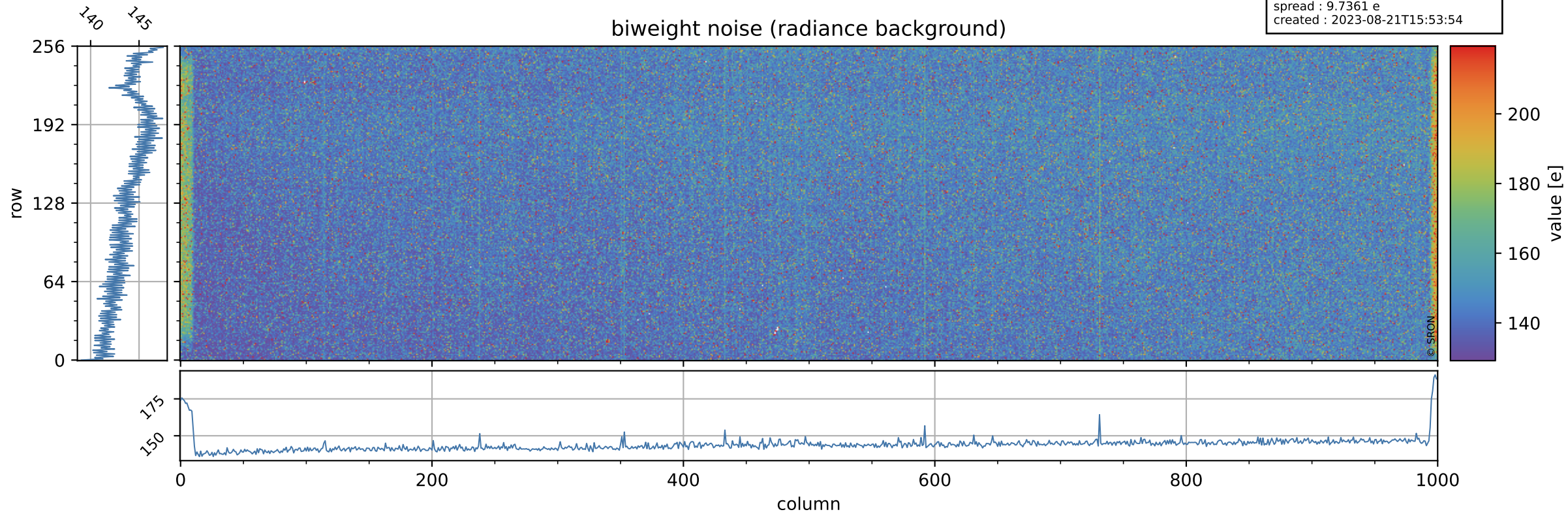
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7361 e
created : 2023-08-21T15:53:54

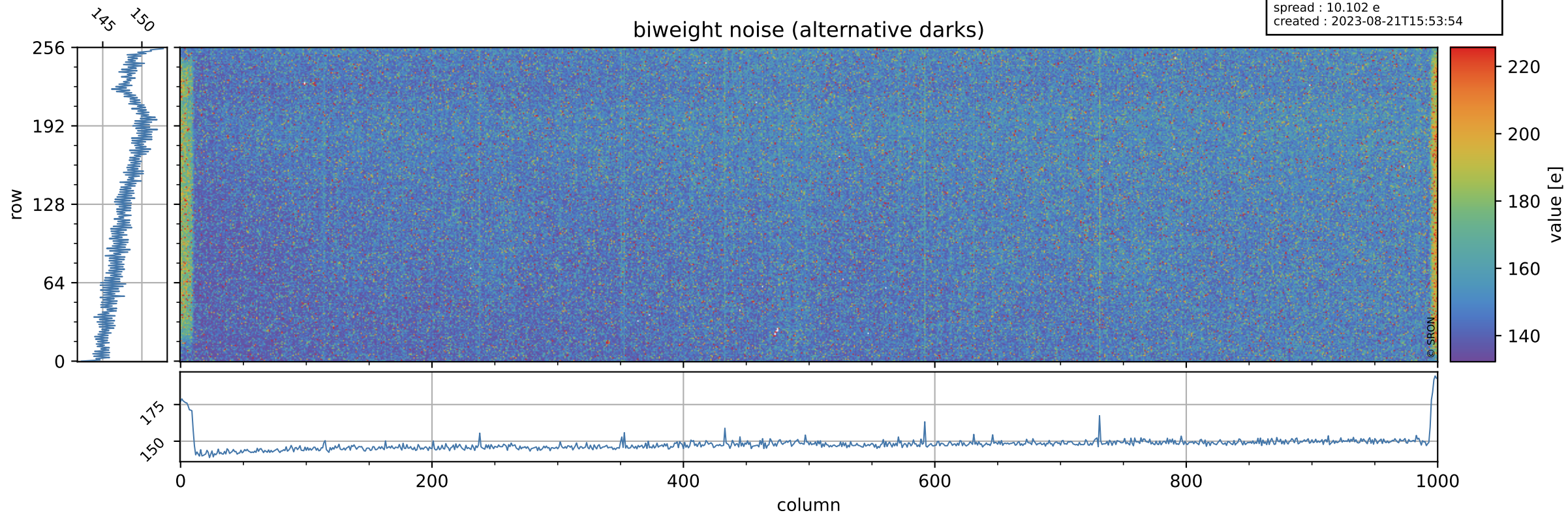
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.102 e
created : 2023-08-21T15:53:54

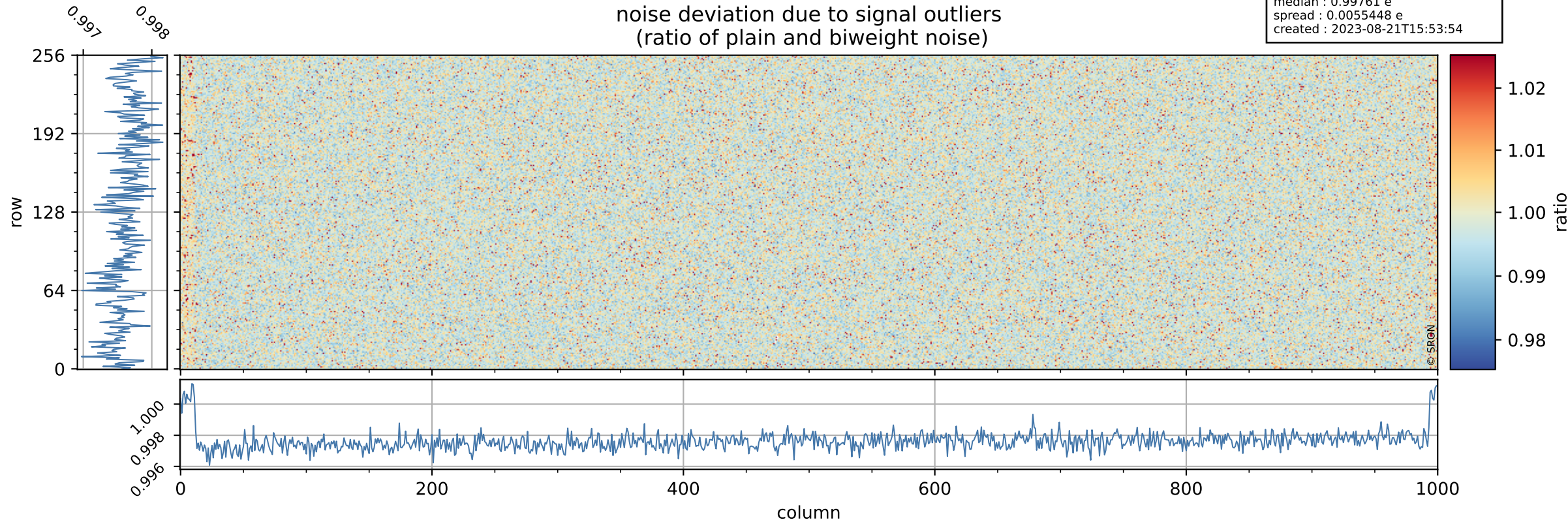
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

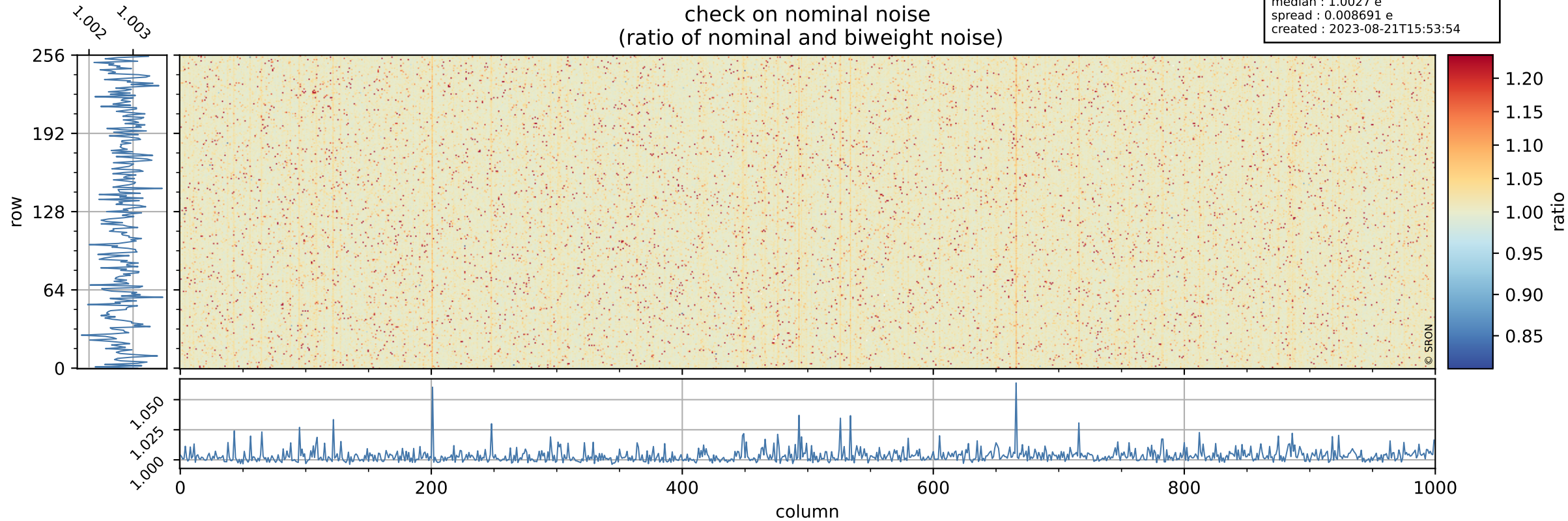
orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
median : 0.99761 e
spread : 0.0055448 e
created : 2023-08-21T15:53:54



Tropomi SWIR background noise (swir)

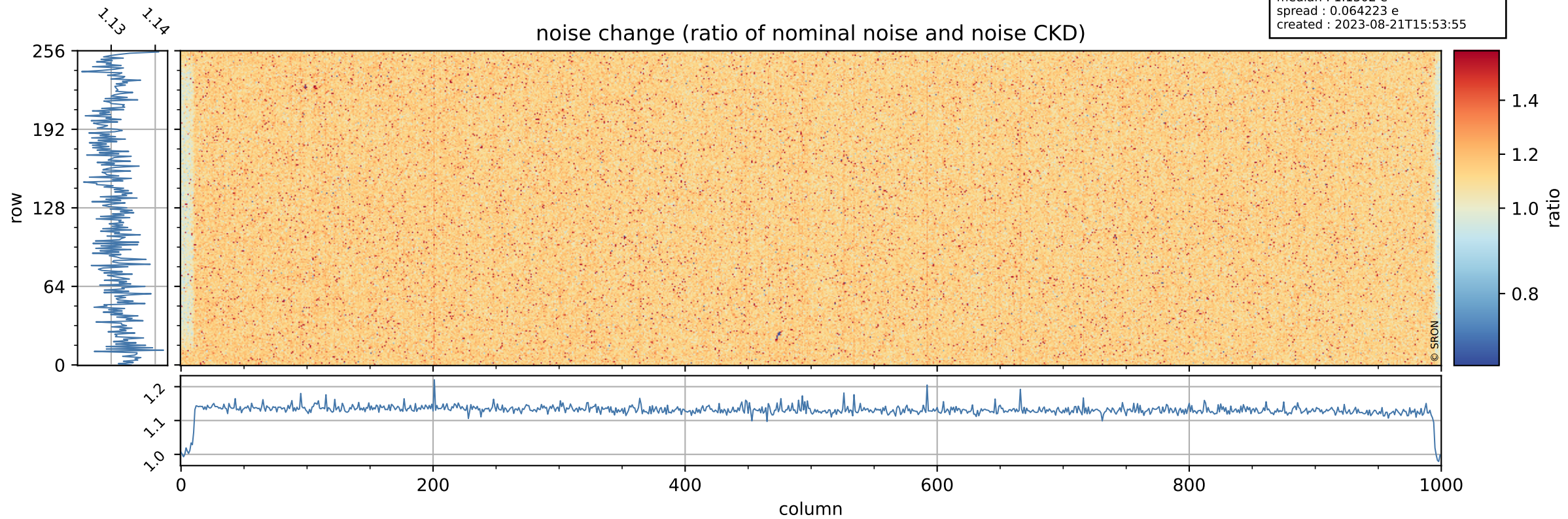
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
median : 1.0027 e
spread : 0.008691 e
created : 2023-08-21T15:53:54



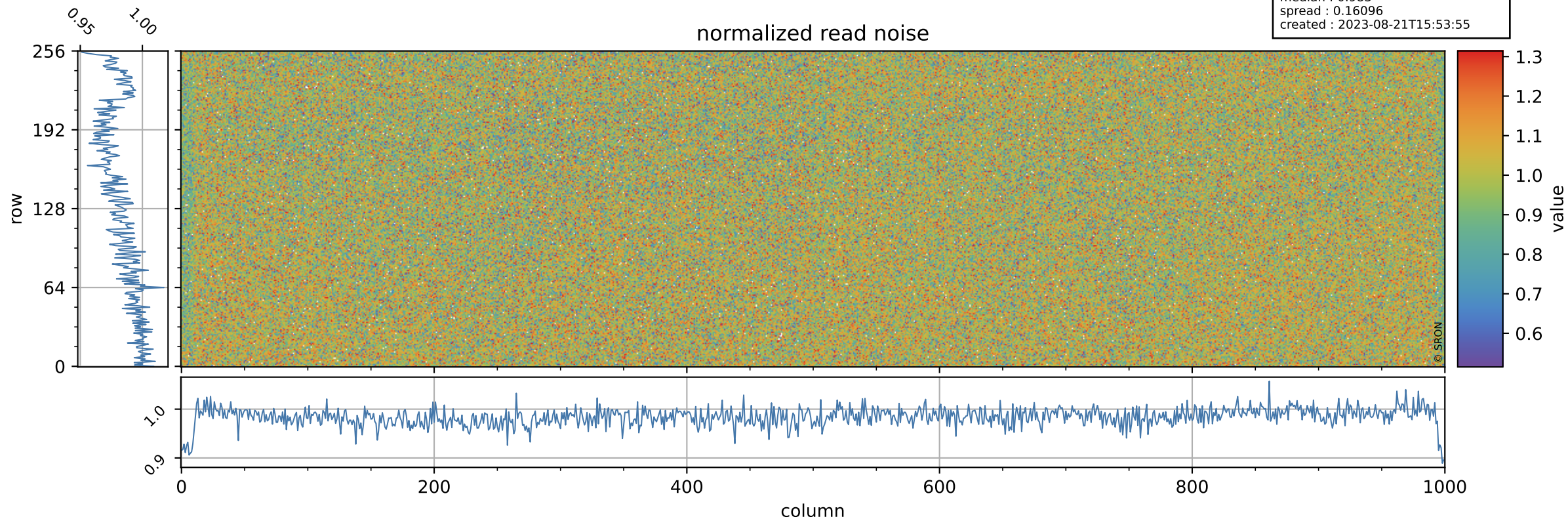
Tropomi SWIR background noise (swir)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
median : 1.1302 e
spread : 0.064223 e
created : 2023-08-21T15:53:55



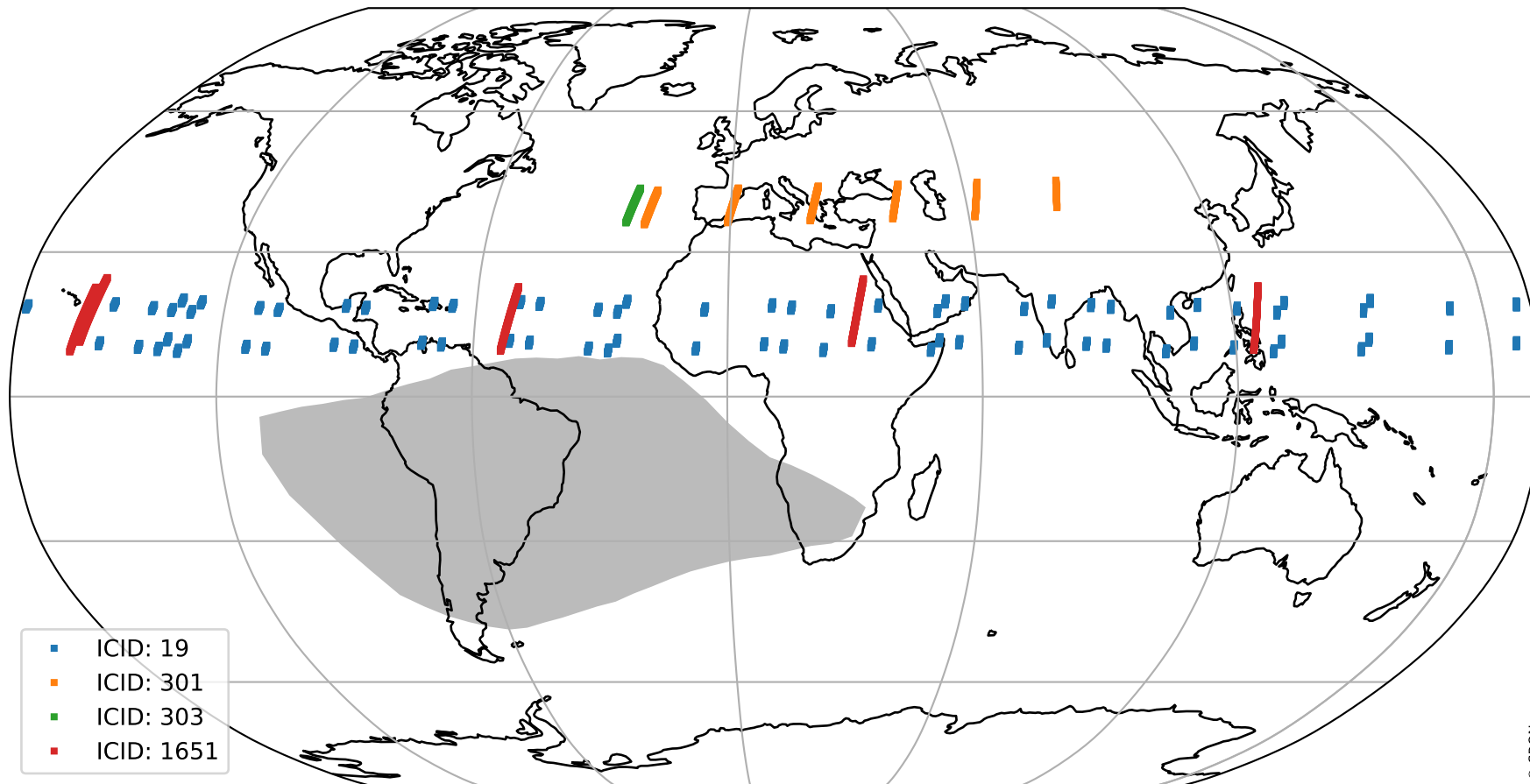
Tropomi SWIR background noise (swir)

orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
median : 0.983
spread : 0.16096
created : 2023-08-21T15:53:55



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

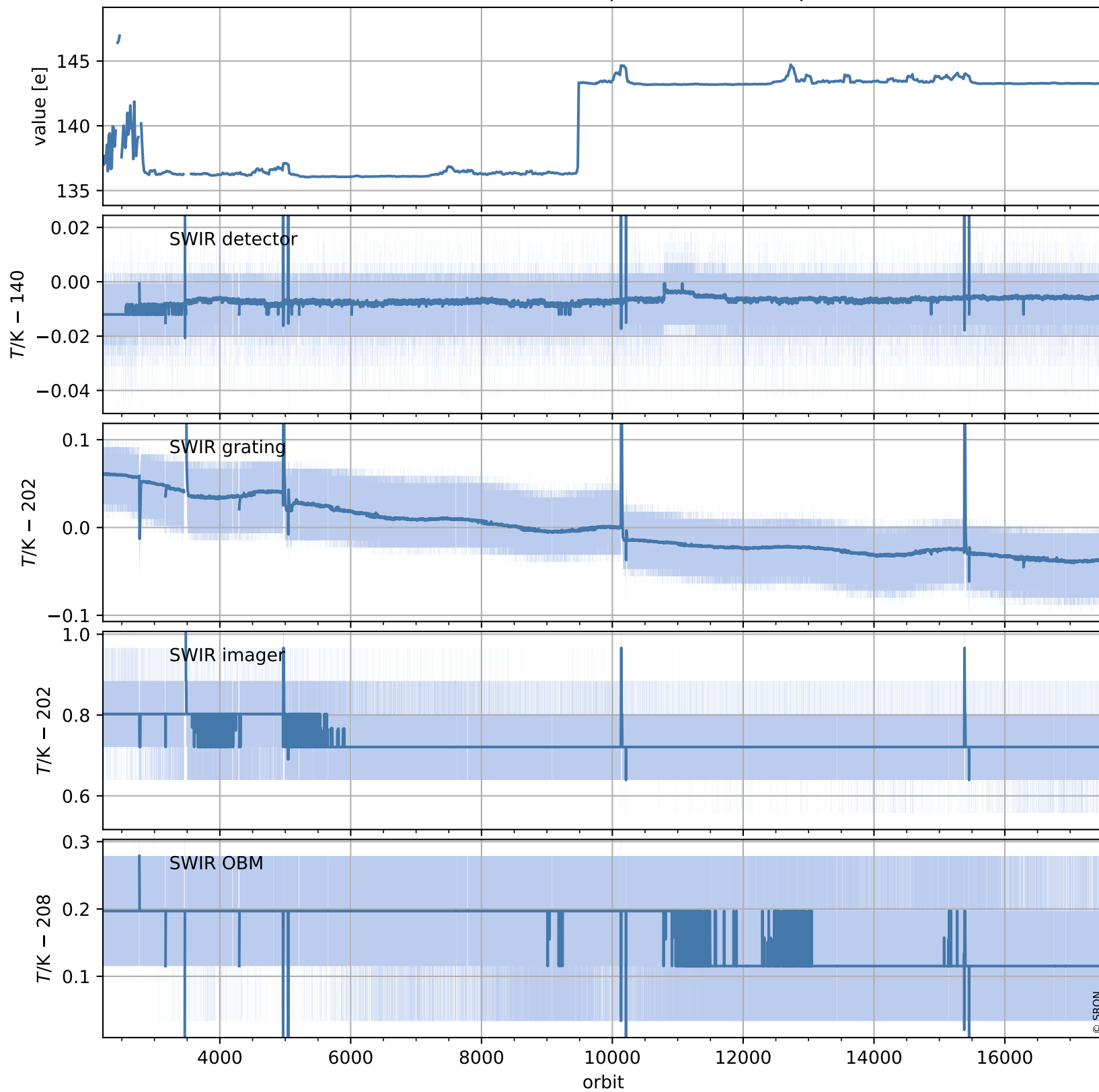
orbits : 12 in [17422, 17512]
coverage : 2021-02-22 / 2021-02-28
created : 2023-08-21T15:53:55



Tropomi SWIR background noise (swir)

orbits : [2212, 17512]
coverage : 2018-03-18 / 2021-02-28
created : 2023-08-21T15:53:56

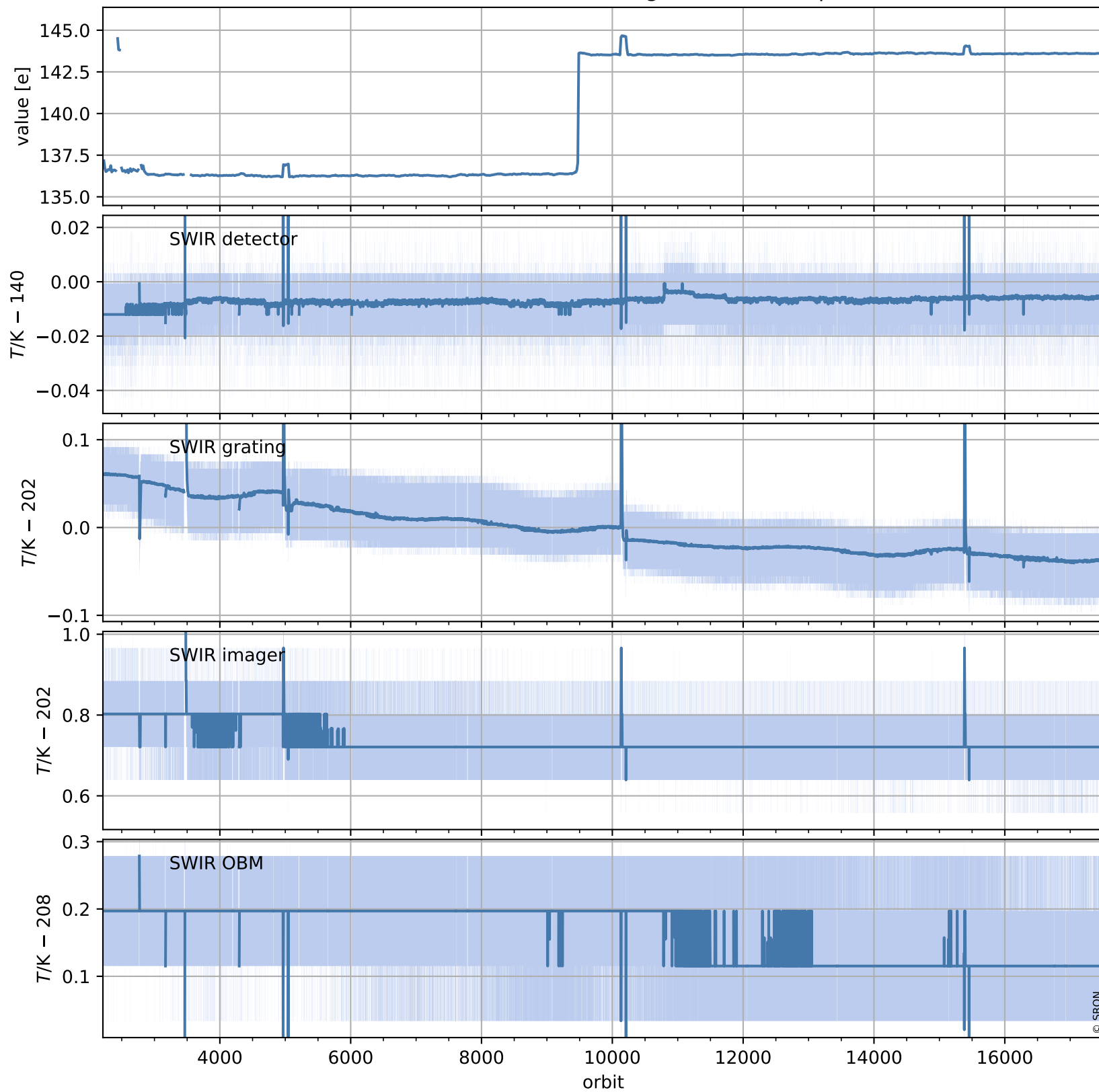
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17512]
coverage : 2018-03-18 / 2021-02-28
created : 2023-08-21T15:53:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17512]
coverage : 2018-03-18 / 2021-02-28
created : 2023-08-21T15:53:57

trend of normalized read-noise & temperatures

