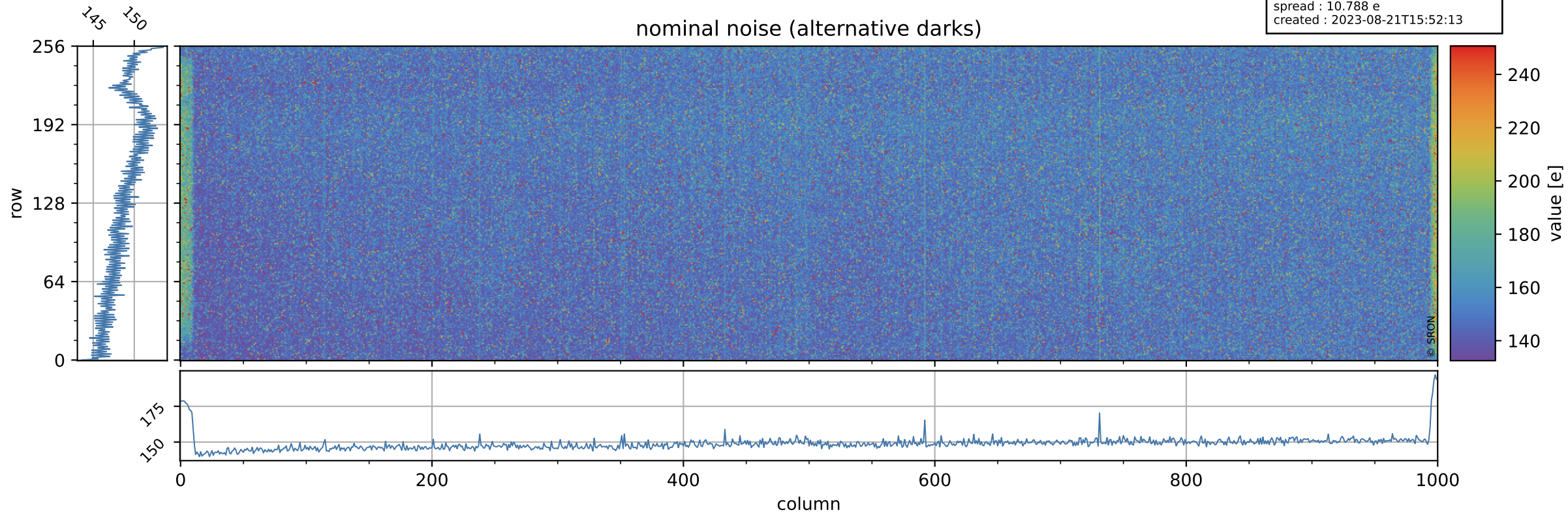


Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.788 e
created : 2023-08-21T15:52:13

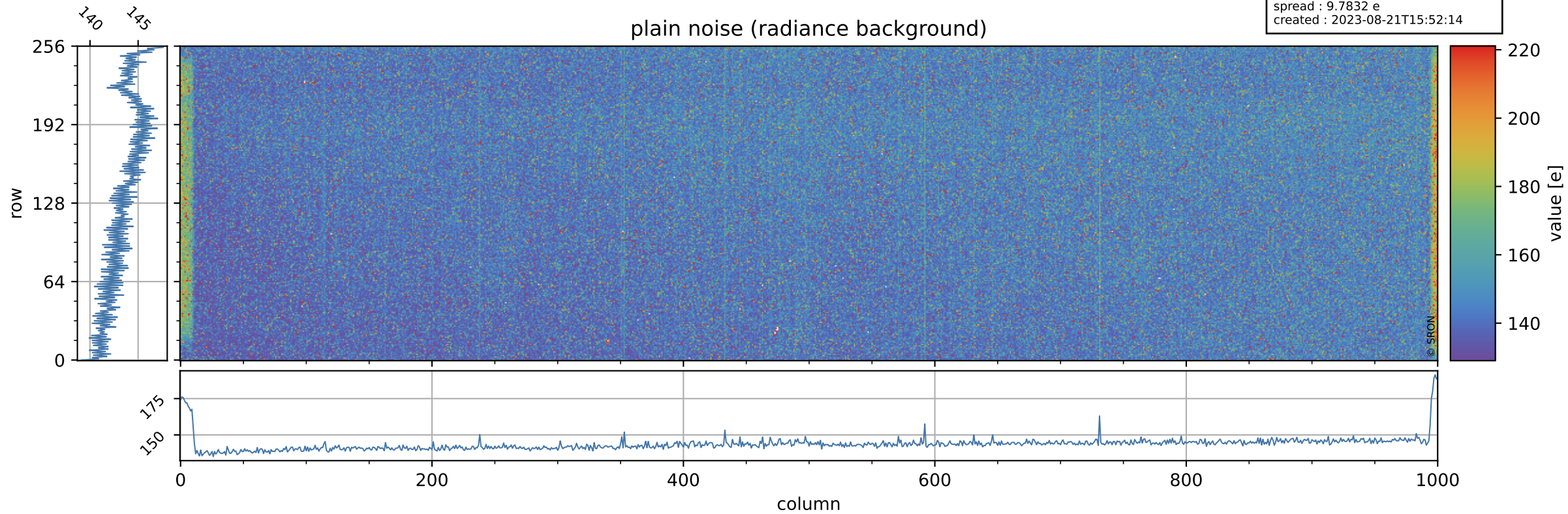
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7832 e
created : 2023-08-21T15:52:14

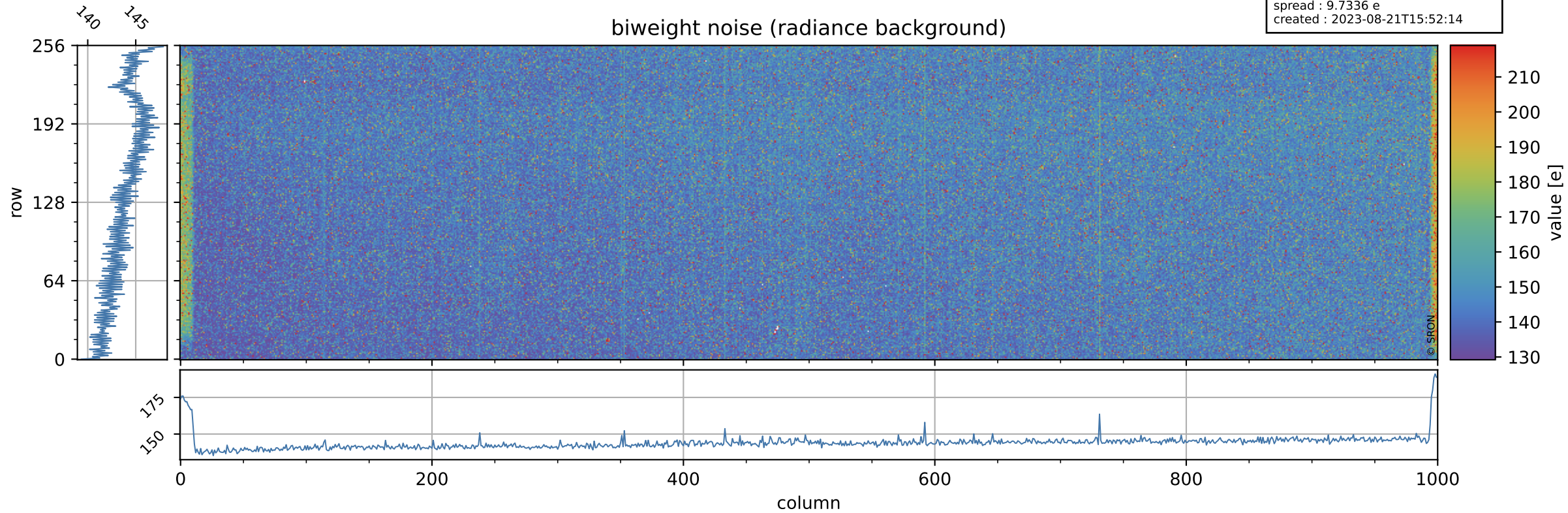
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7336 e
created : 2023-08-21T15:52:14

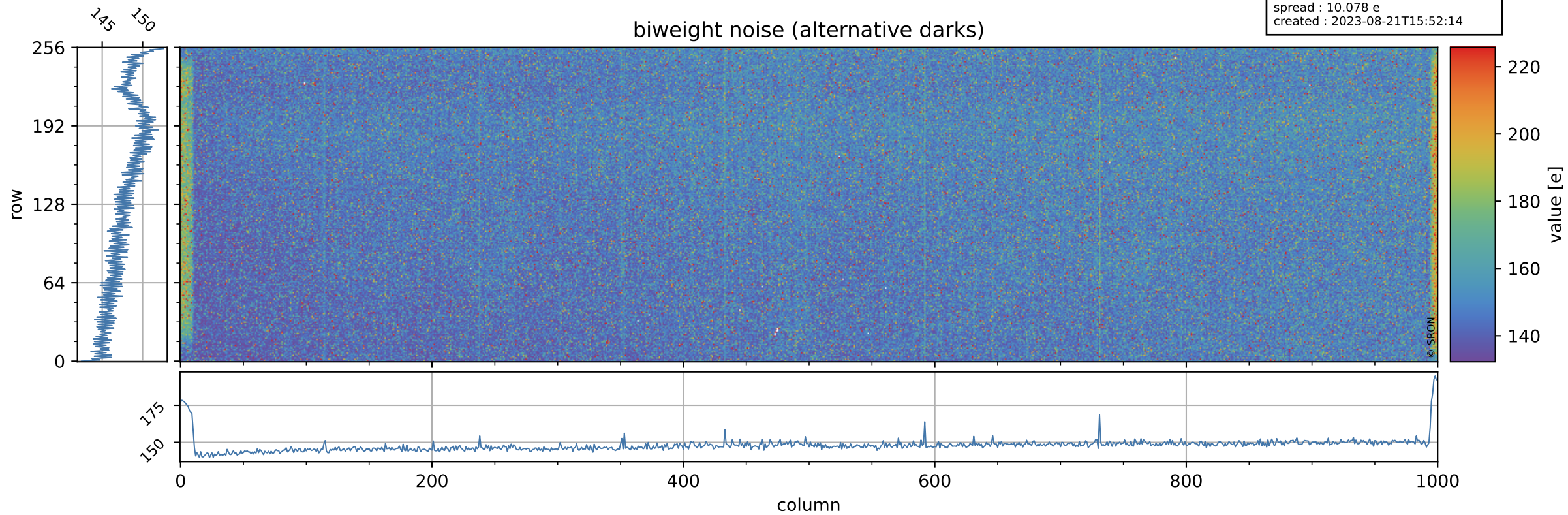
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.078 e
created : 2023-08-21T15:52:14

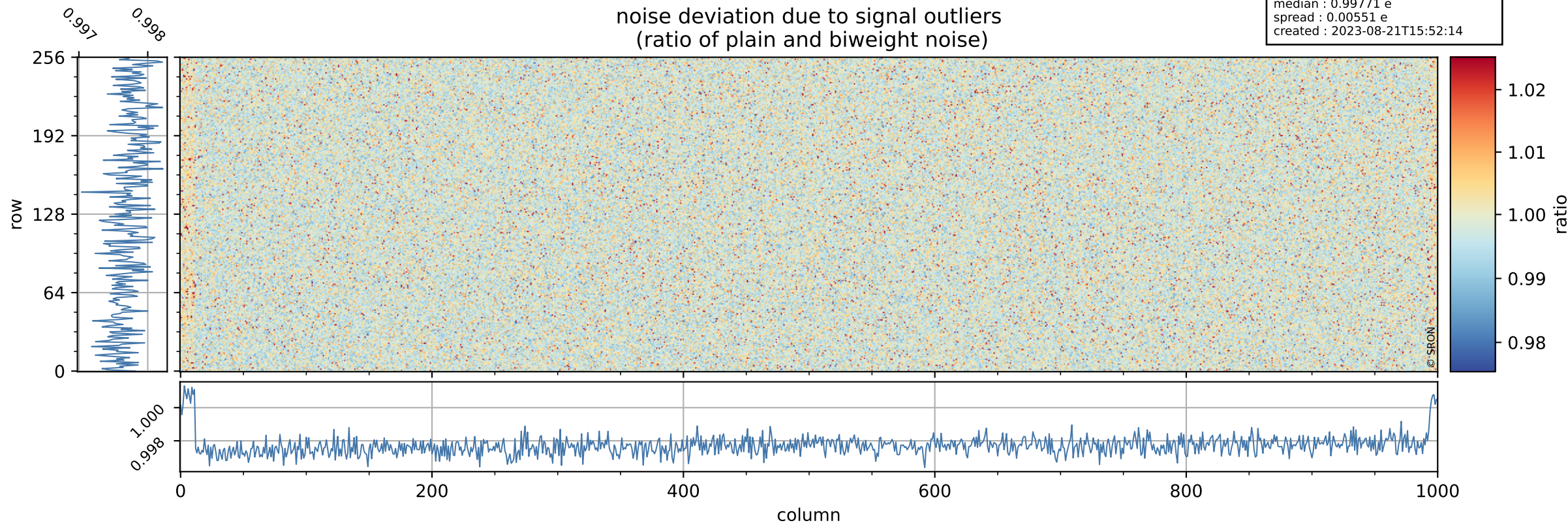
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

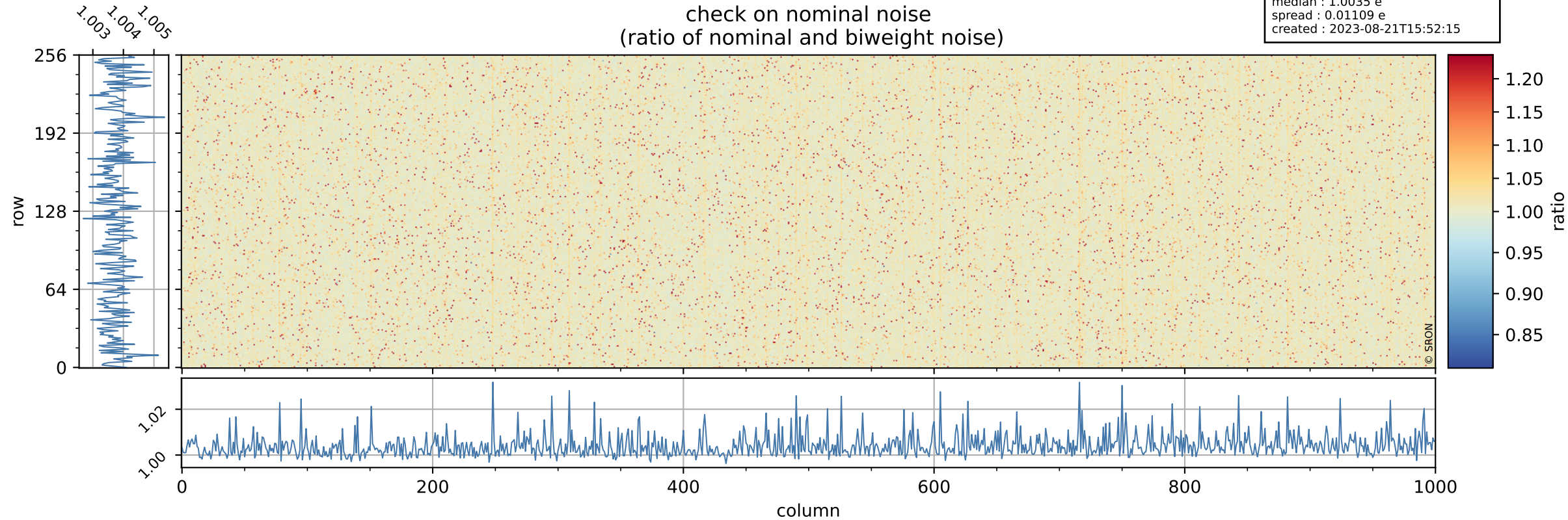
orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
median : 0.99771 e
spread : 0.00551 e
created : 2023-08-21T15:52:14



Tropomi SWIR background noise (swir)

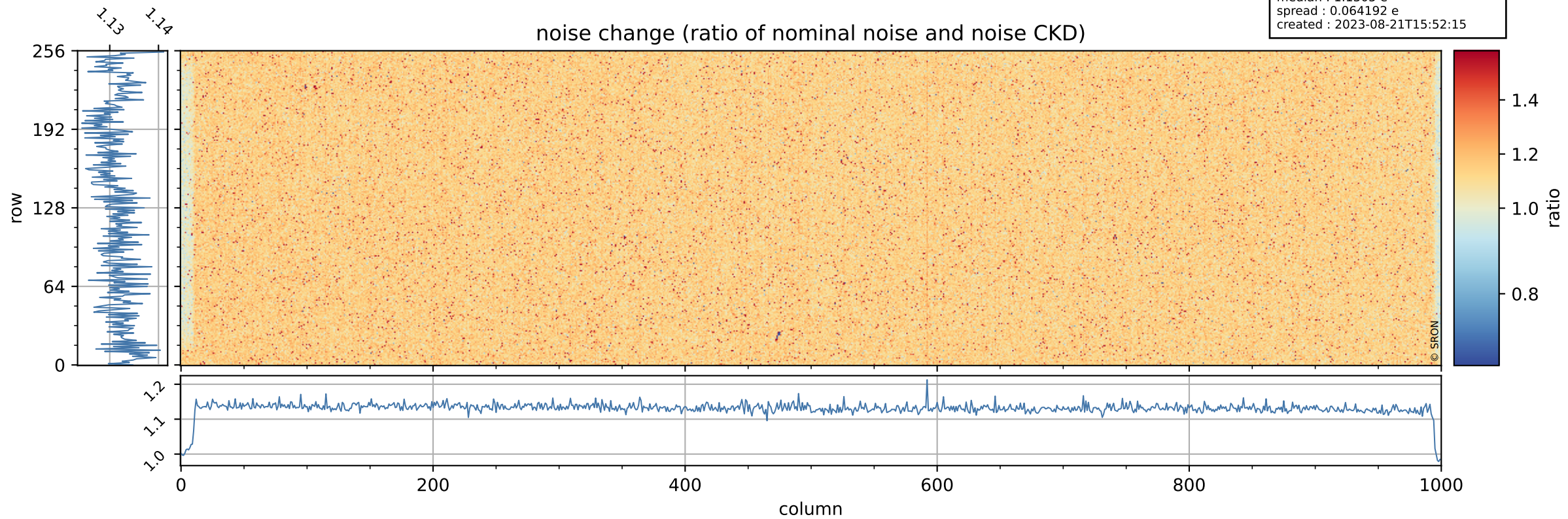
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
median : 1.0035 e
spread : 0.01109 e
created : 2023-08-21T15:52:15



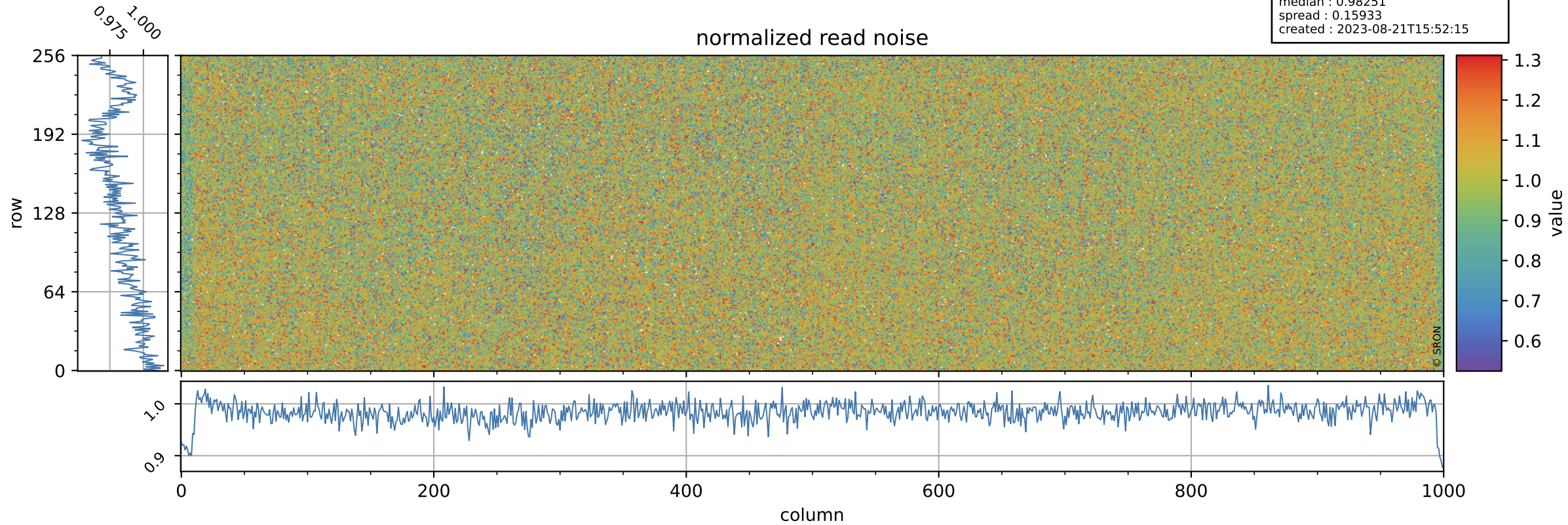
Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
median : 1.1305 e
spread : 0.064192 e
created : 2023-08-21T15:52:15



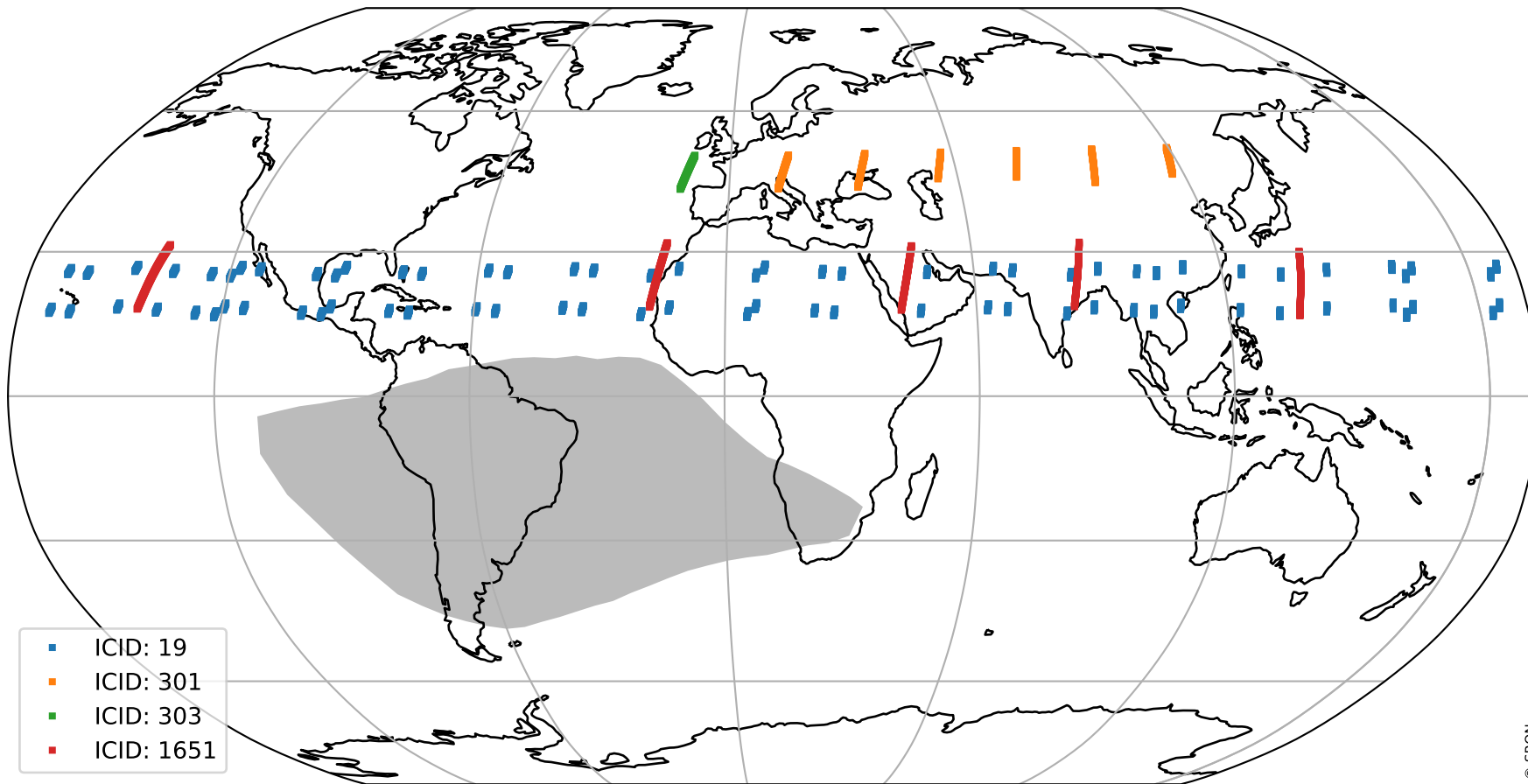
Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
median : 0.98251
spread : 0.15933
created : 2023-08-21T15:52:15



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

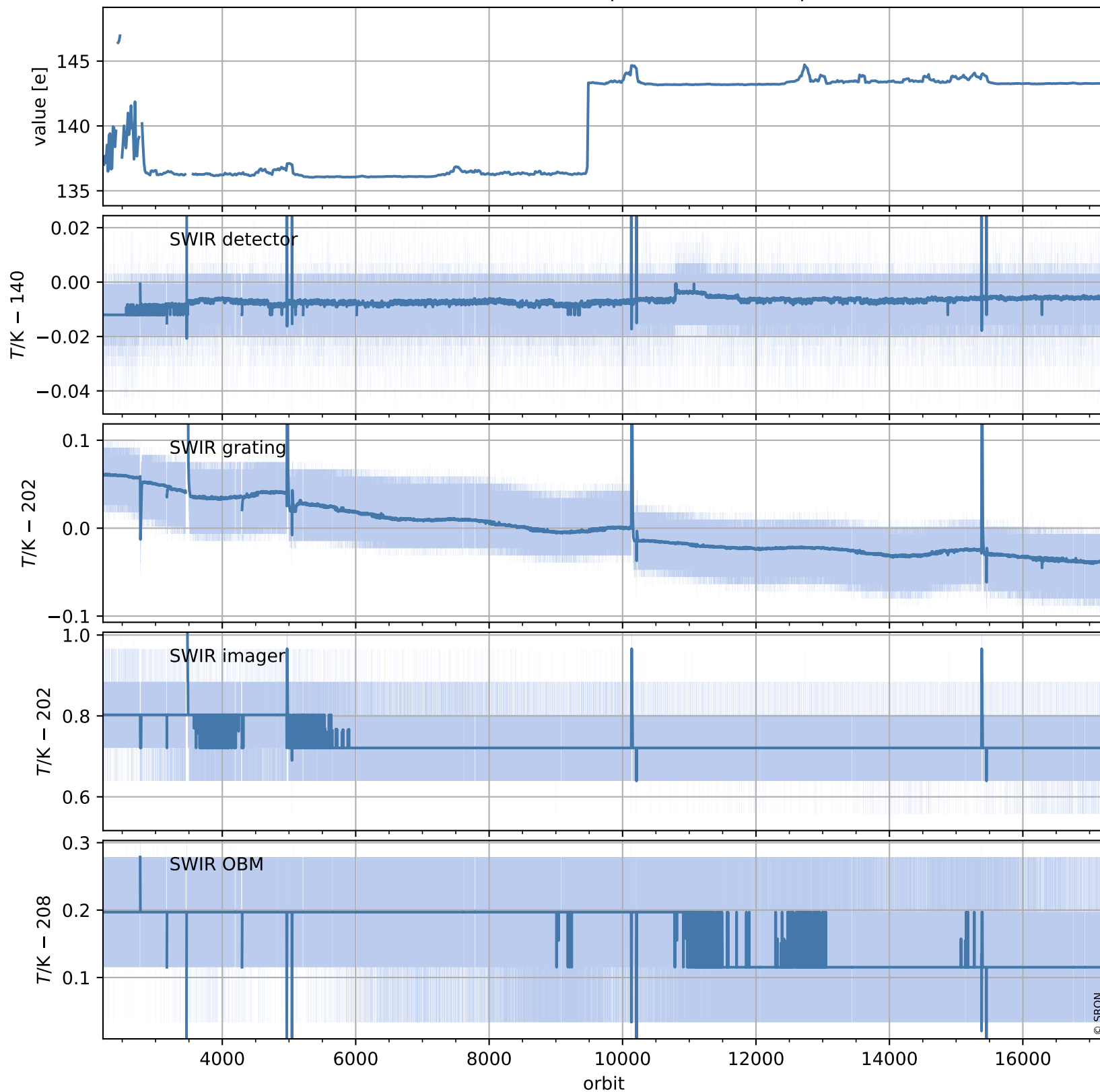
orbits : 12 in [17137, 17227]
coverage : 2021-02-02 / 2021-02-08
created : 2023-08-21T15:52:16



Tropomi SWIR background noise (swir)

orbits : [2212, 17227]
coverage : 2018-03-18 / 2021-02-08
created : 2023-08-21T15:52:16

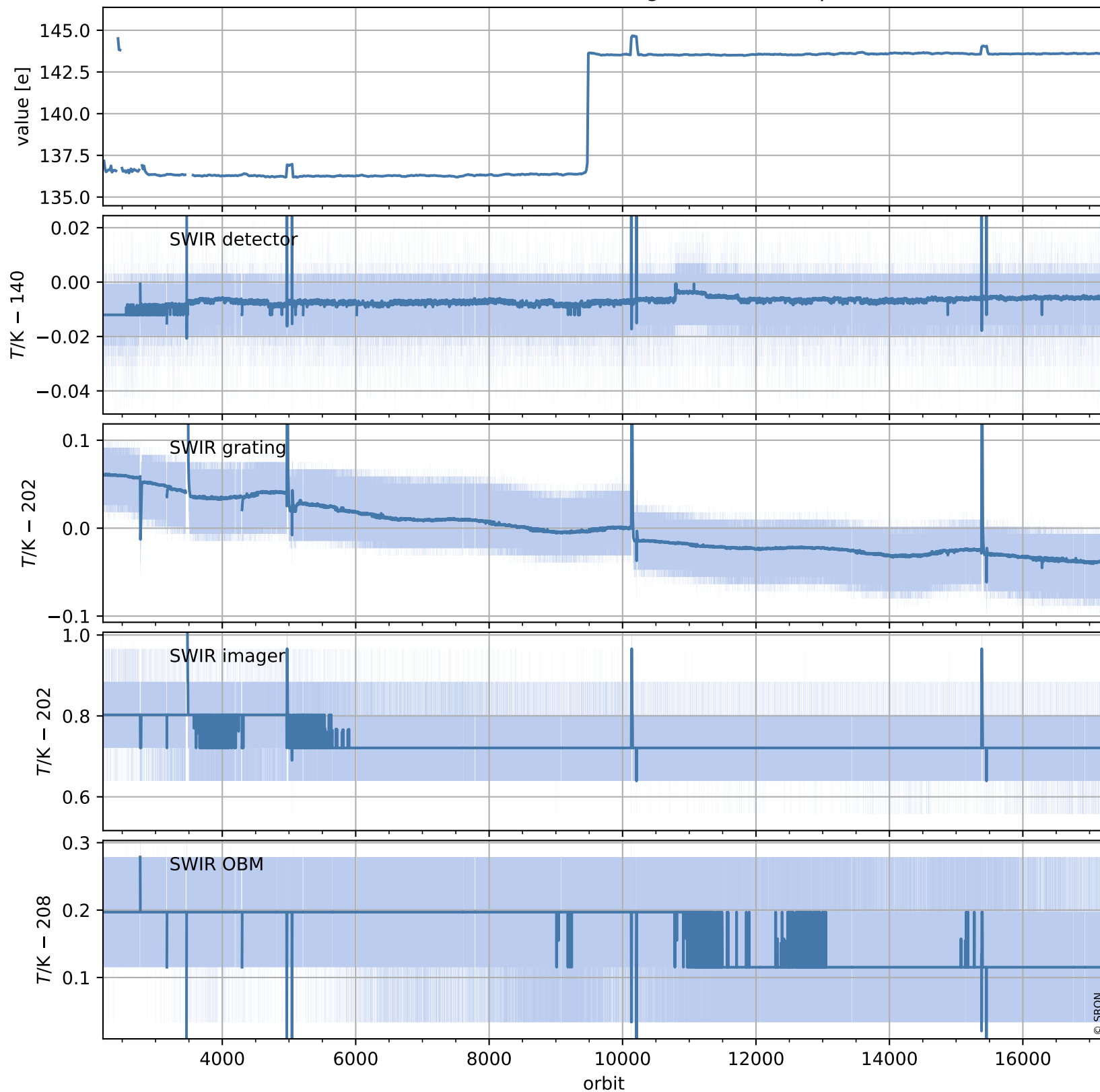
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17227]
coverage : 2018-03-18 / 2021-02-08
created : 2023-08-21T15:52:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17227]
coverage : 2018-03-18 / 2021-02-08
created : 2023-08-21T15:52:18

trend of normalized read-noise & temperatures

