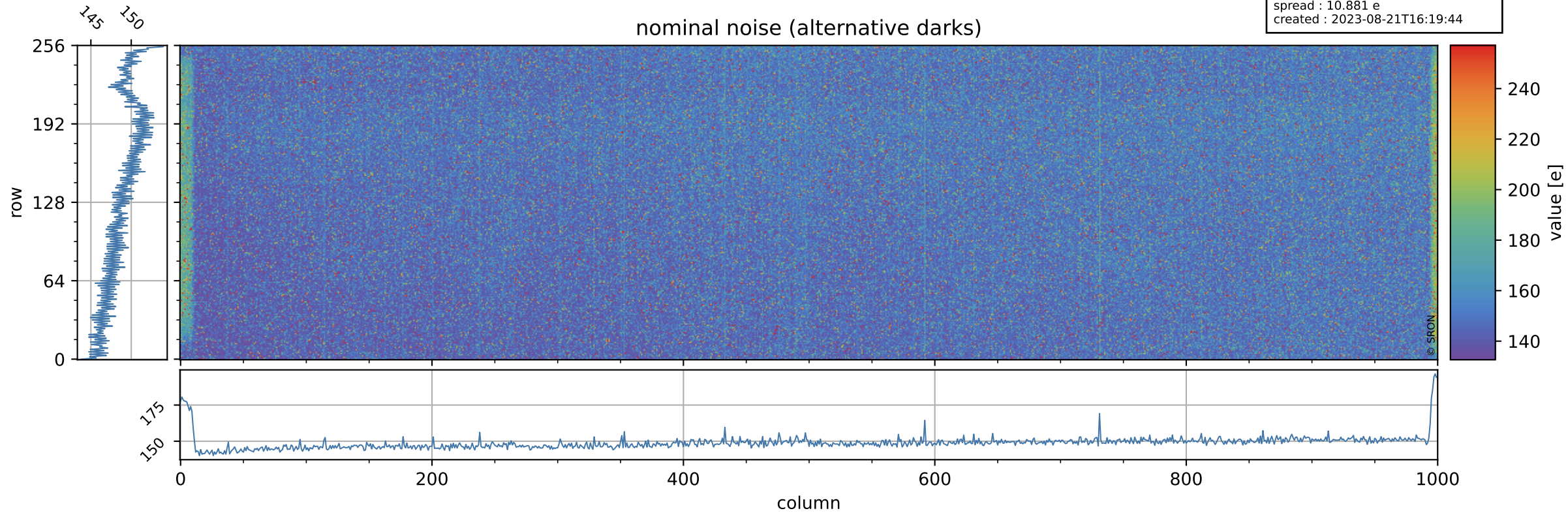


Tropomi SWIR background noise (swir)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.881 e
created : 2023-08-21T16:19:44

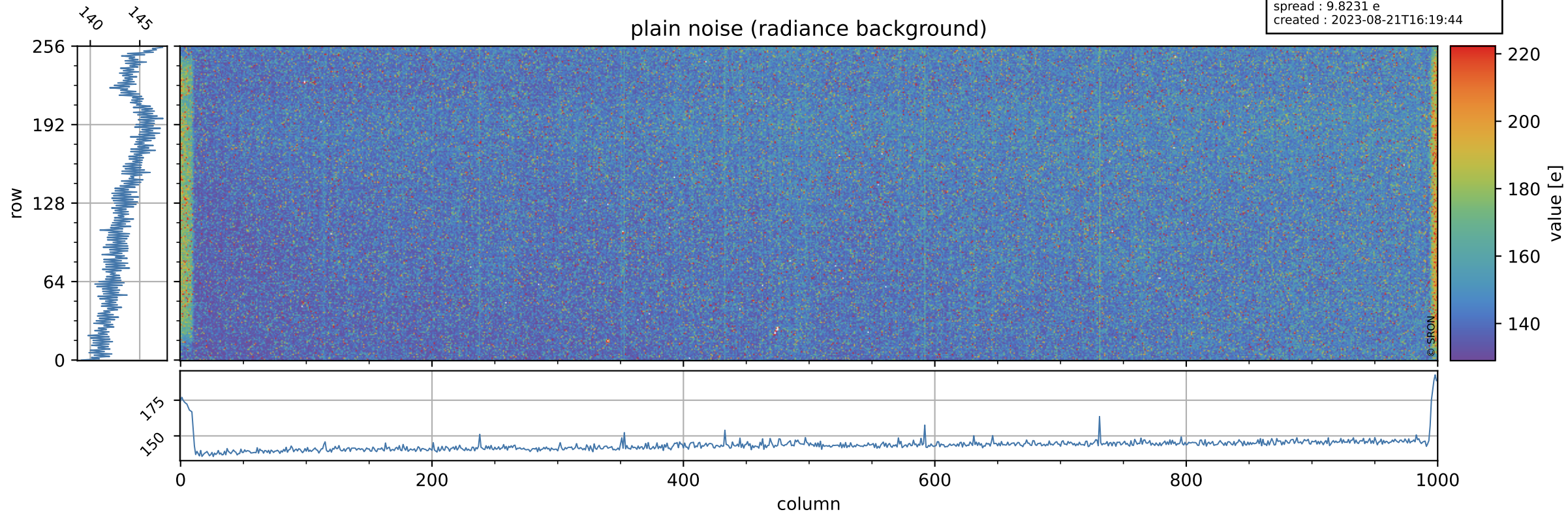
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8231 e
created : 2023-08-21T16:19:44

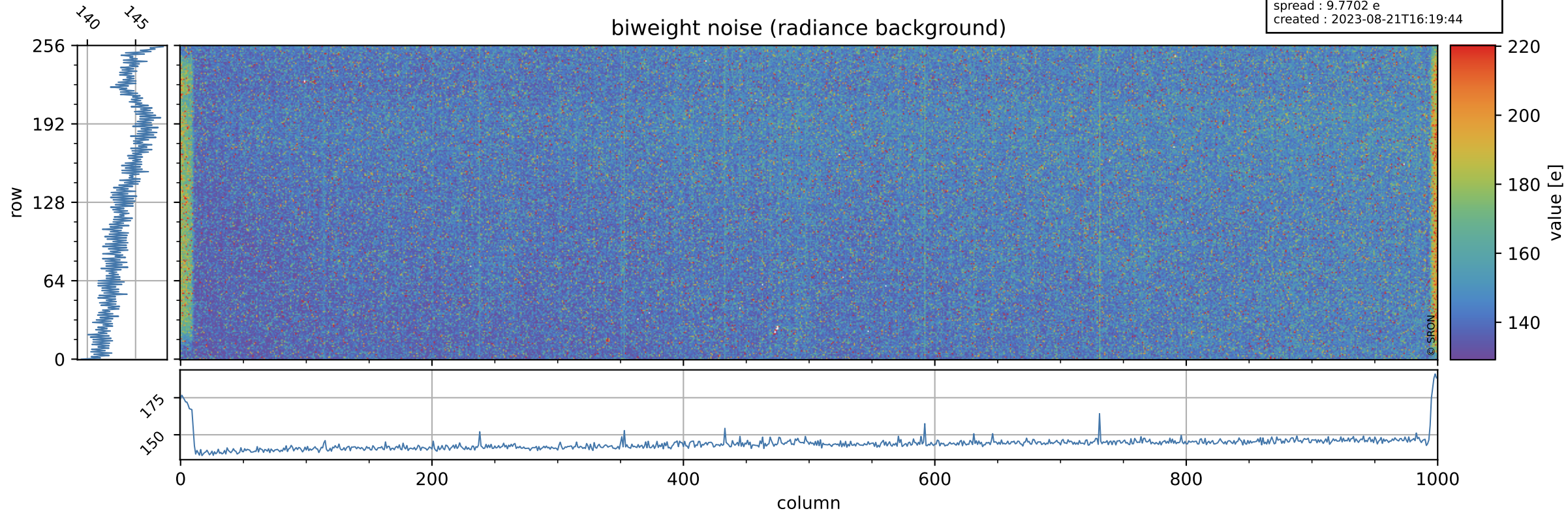
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7702 e
created : 2023-08-21T16:19:44

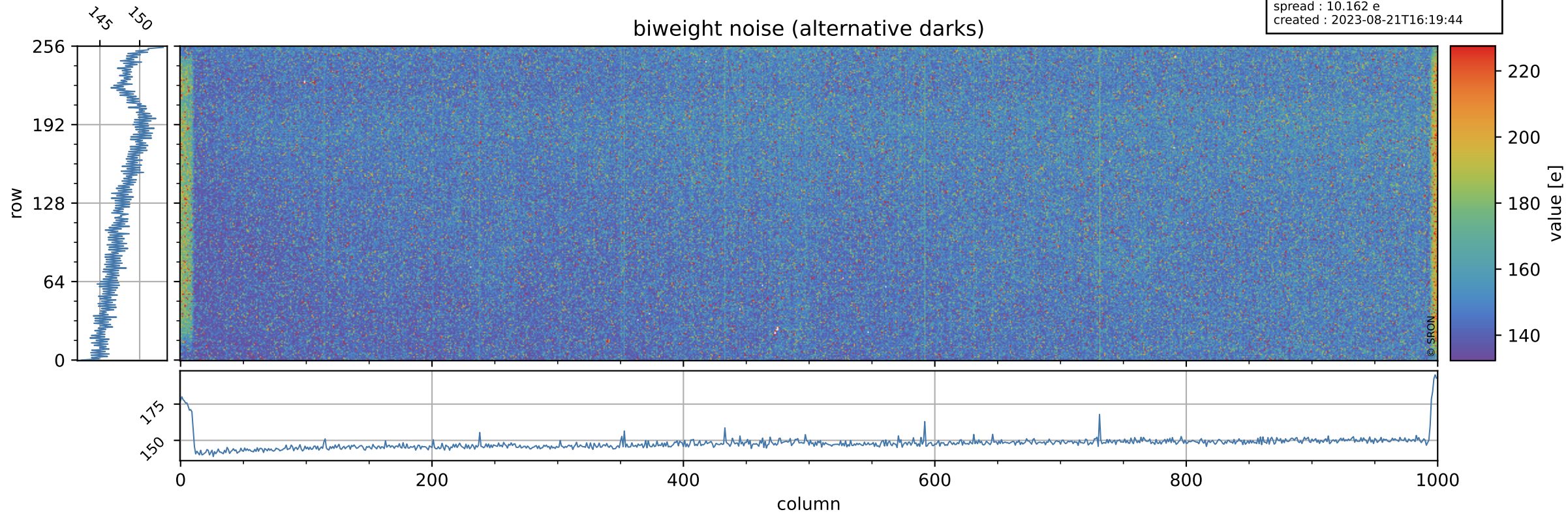
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.162 e
created : 2023-08-21T16:19:44

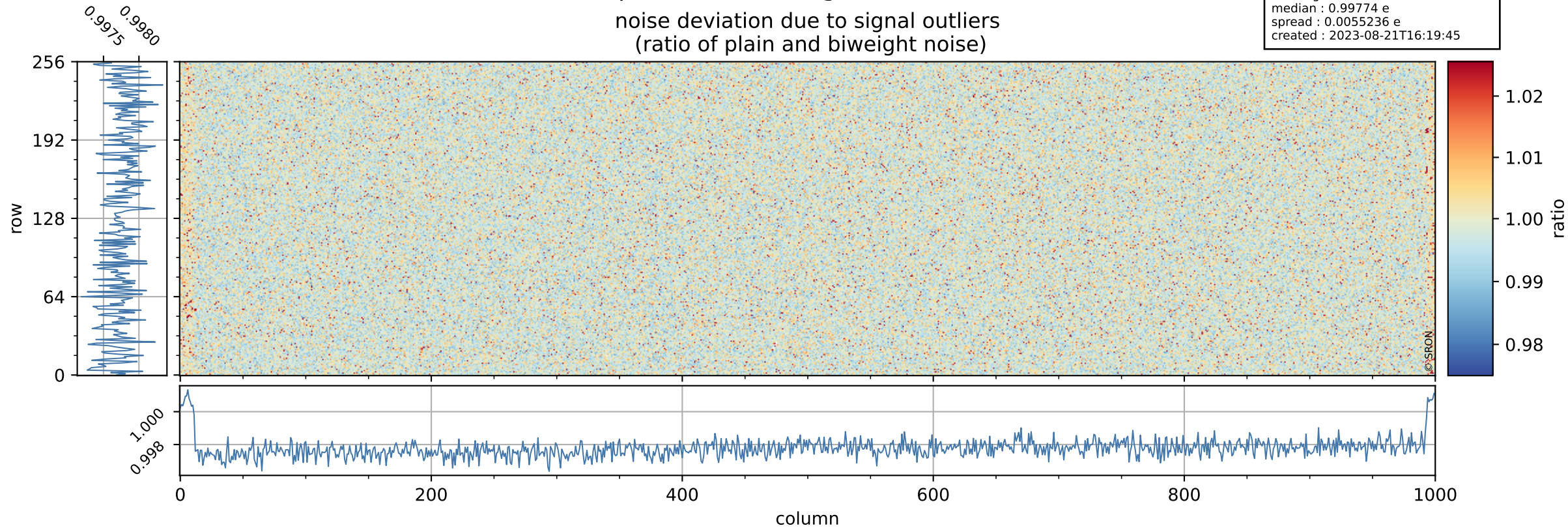
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

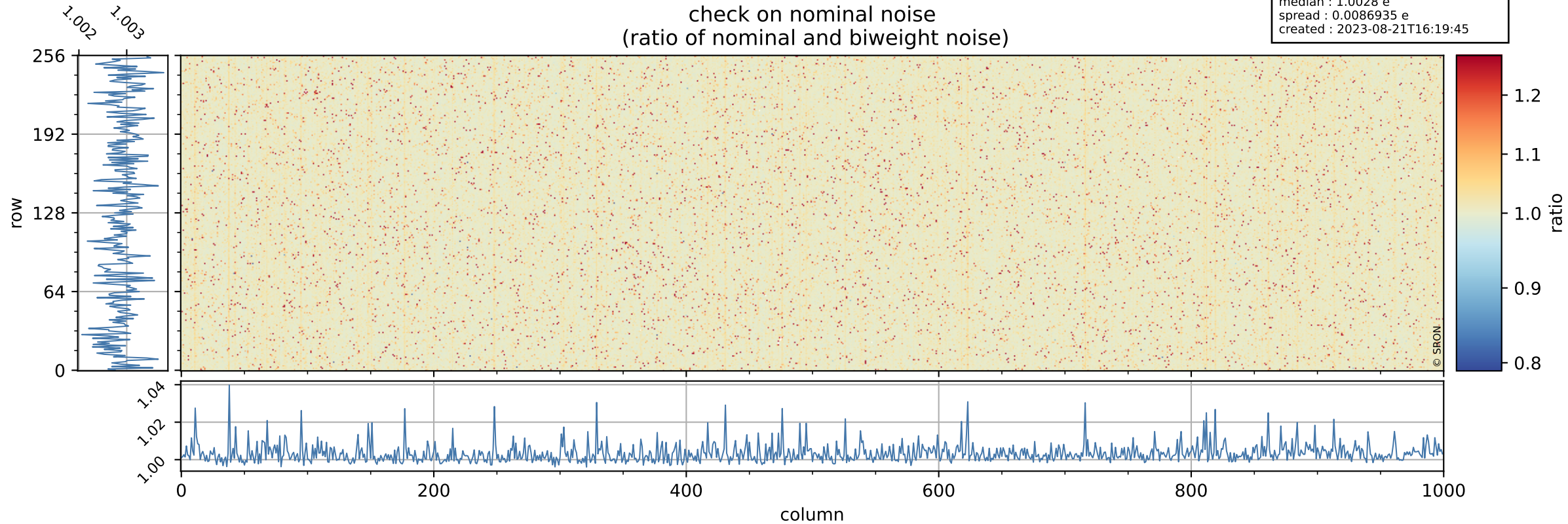
orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
median : 0.99774 e
spread : 0.0055236 e
created : 2023-08-21T16:19:45



Tropomi SWIR background noise (swir)

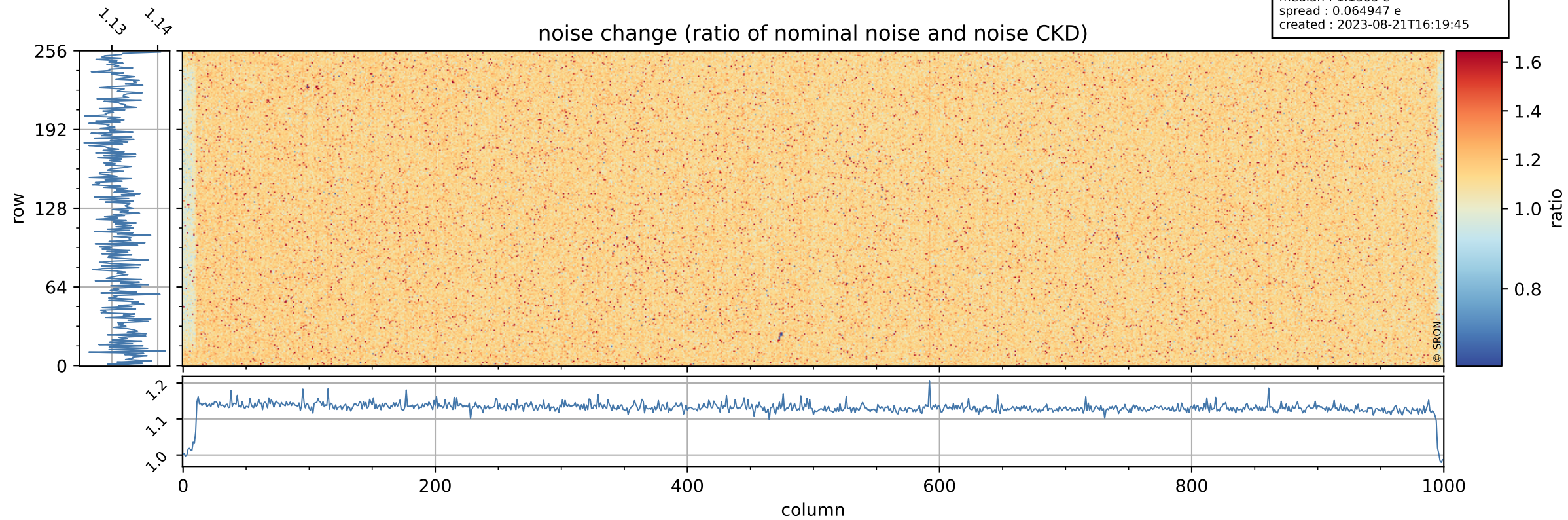
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
median : 1.0028 e
spread : 0.0086935 e
created : 2023-08-21T16:19:45



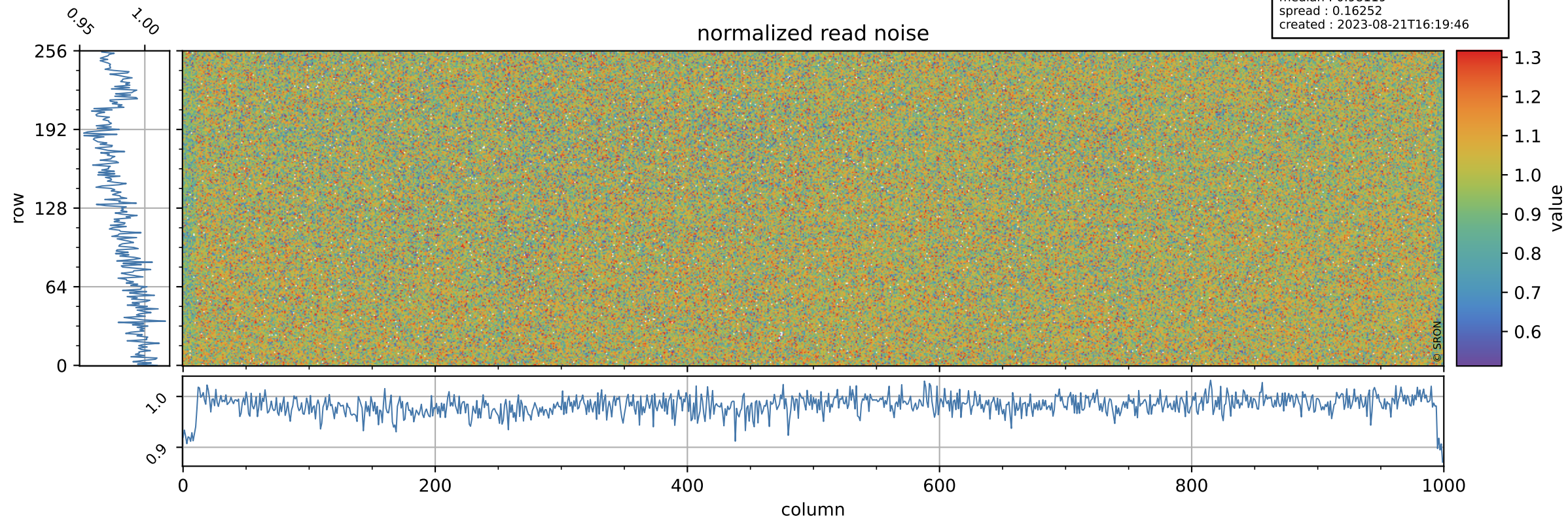
Tropomi SWIR background noise (swir)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
median : 1.1305 e
spread : 0.064947 e
created : 2023-08-21T16:19:45



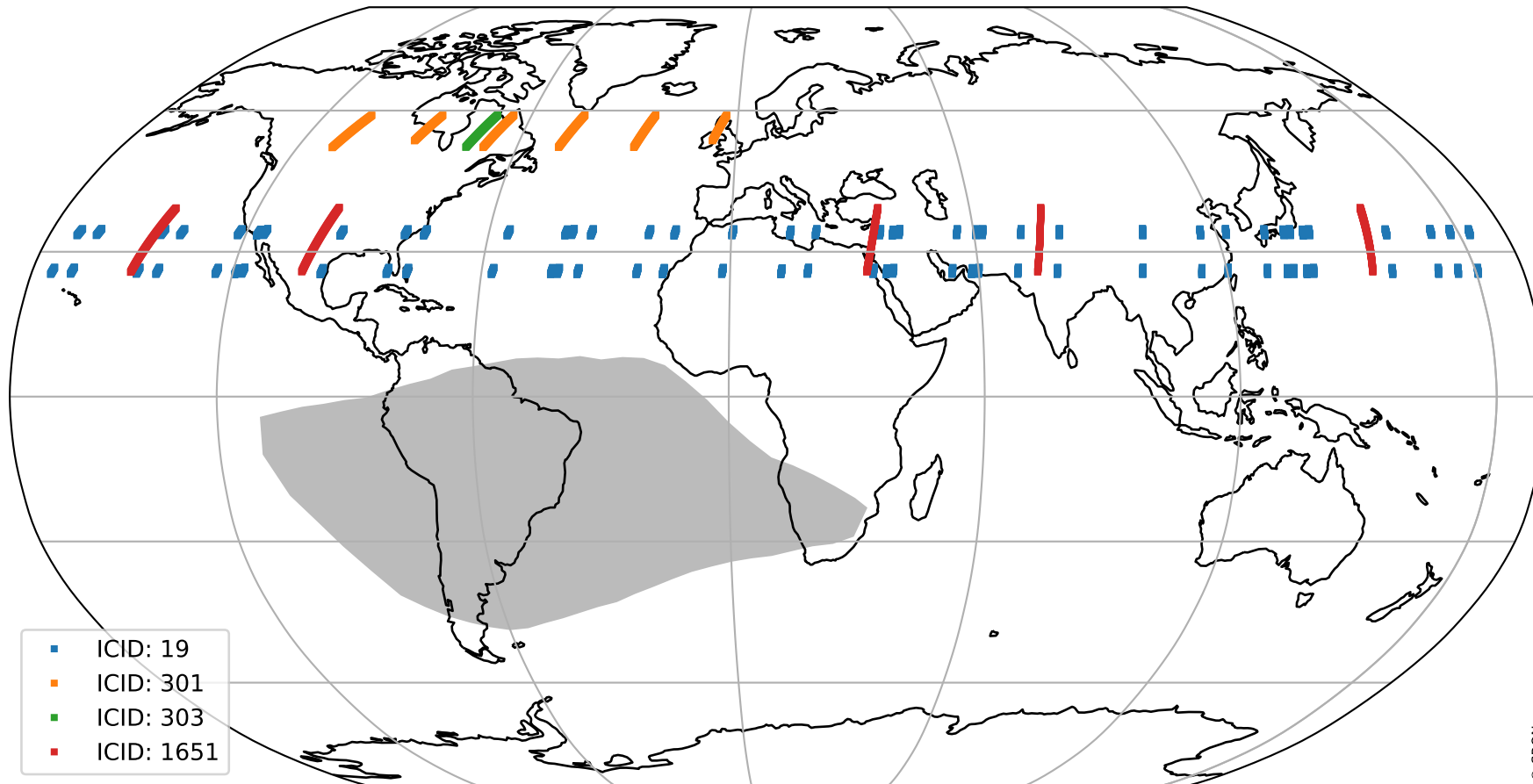
Tropomi SWIR background noise (swir)

orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
median : 0.98119
spread : 0.16252
created : 2023-08-21T16:19:46



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

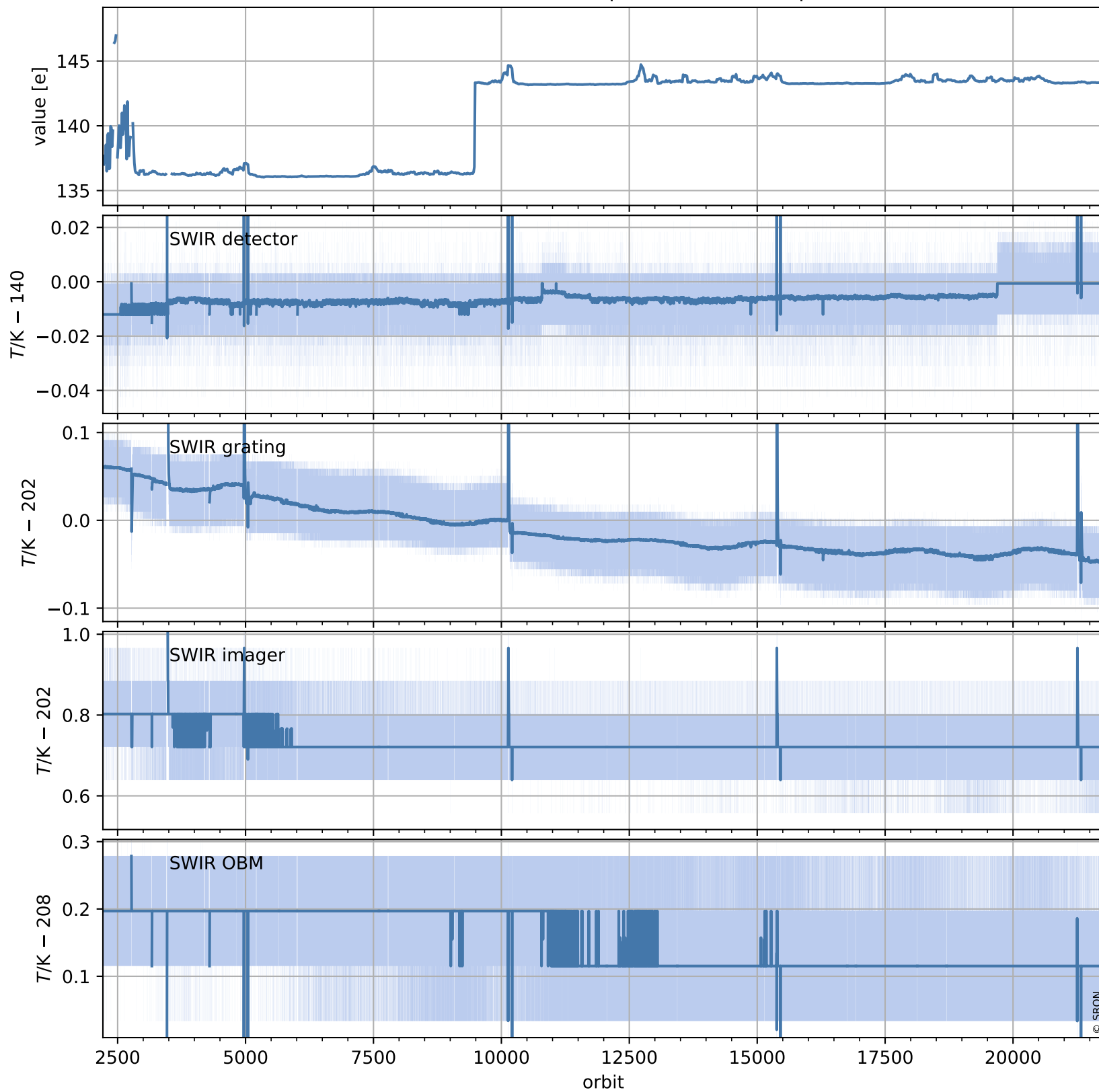
orbits : 12 in [21682, 21772]
coverage : 2021-12-20 / 2021-12-25
created : 2023-08-21T16:19:46



Tropomi SWIR background noise (swir)

orbits : [2212, 21772]
coverage : 2018-03-18 / 2021-12-25
created : 2023-08-21T16:19:46

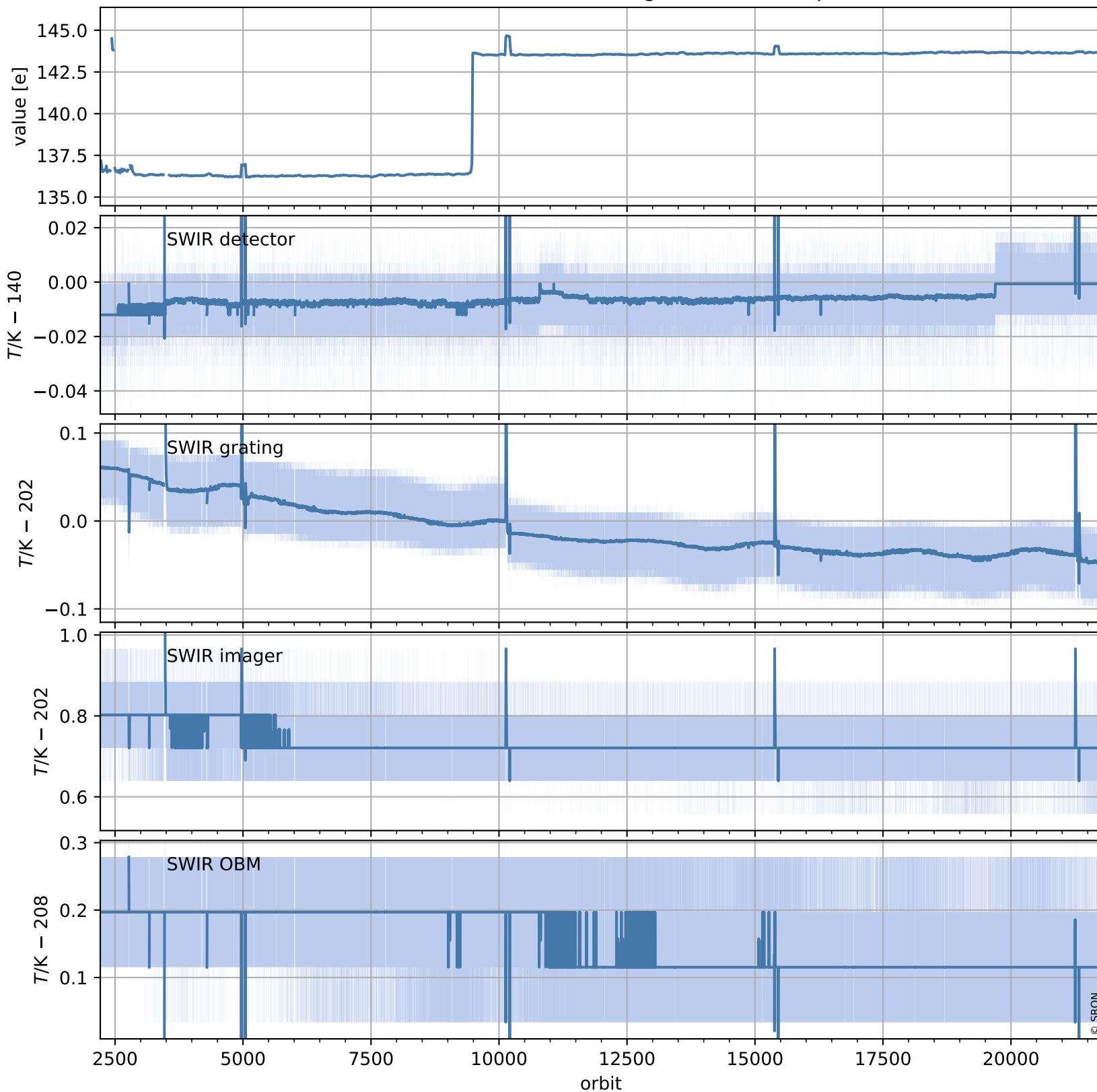
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21772]
coverage : 2018-03-18 / 2021-12-25
created : 2023-08-21T16:19:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21772]
coverage : 2018-03-18 / 2021-12-25
created : 2023-08-21T16:19:48

trend of normalized read-noise & temperatures

