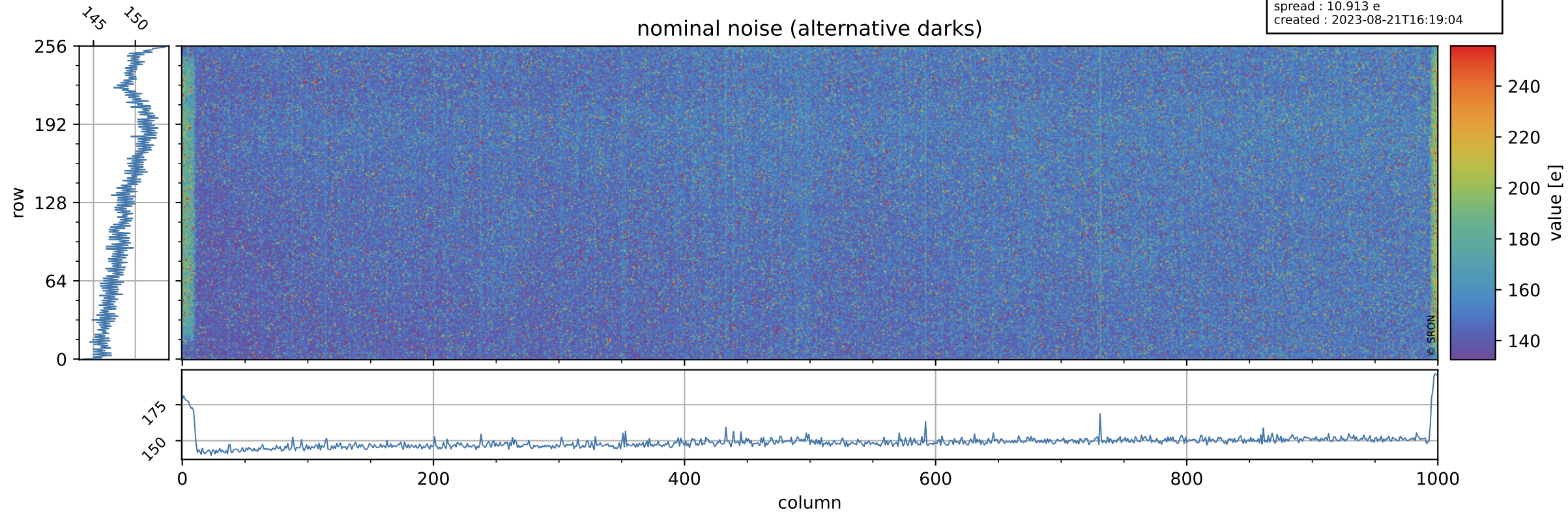


Tropomi SWIR background noise (swir)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.913 e
created : 2023-08-21T16:19:04

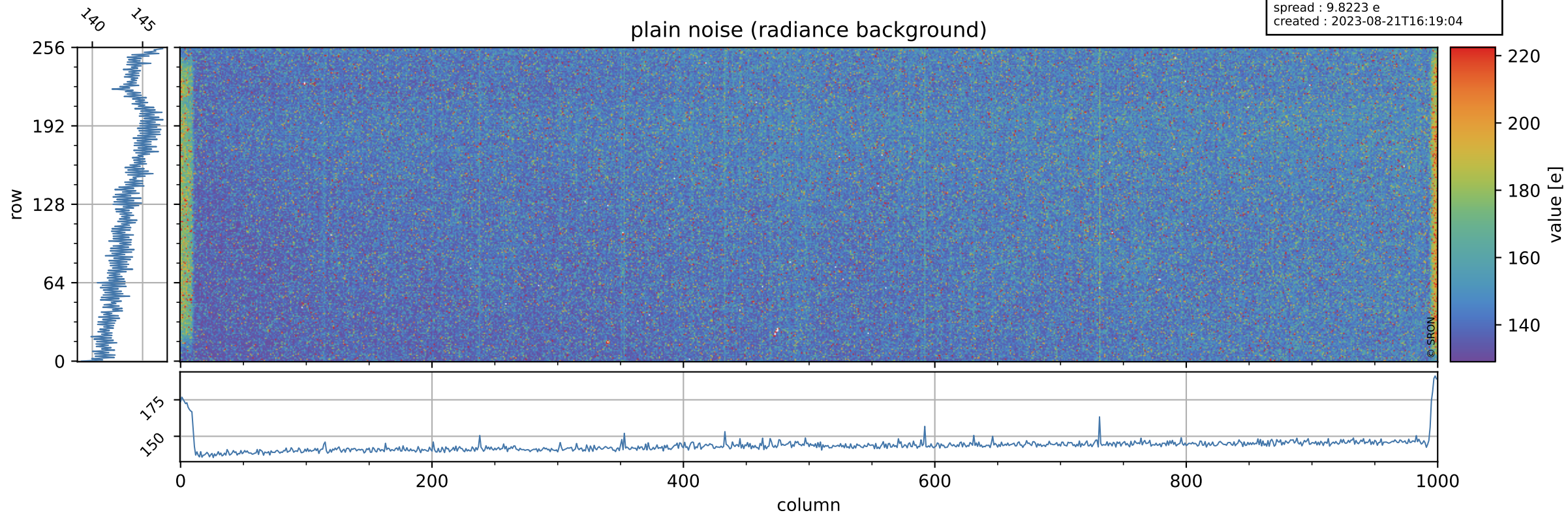
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8223 e
created : 2023-08-21T16:19:04

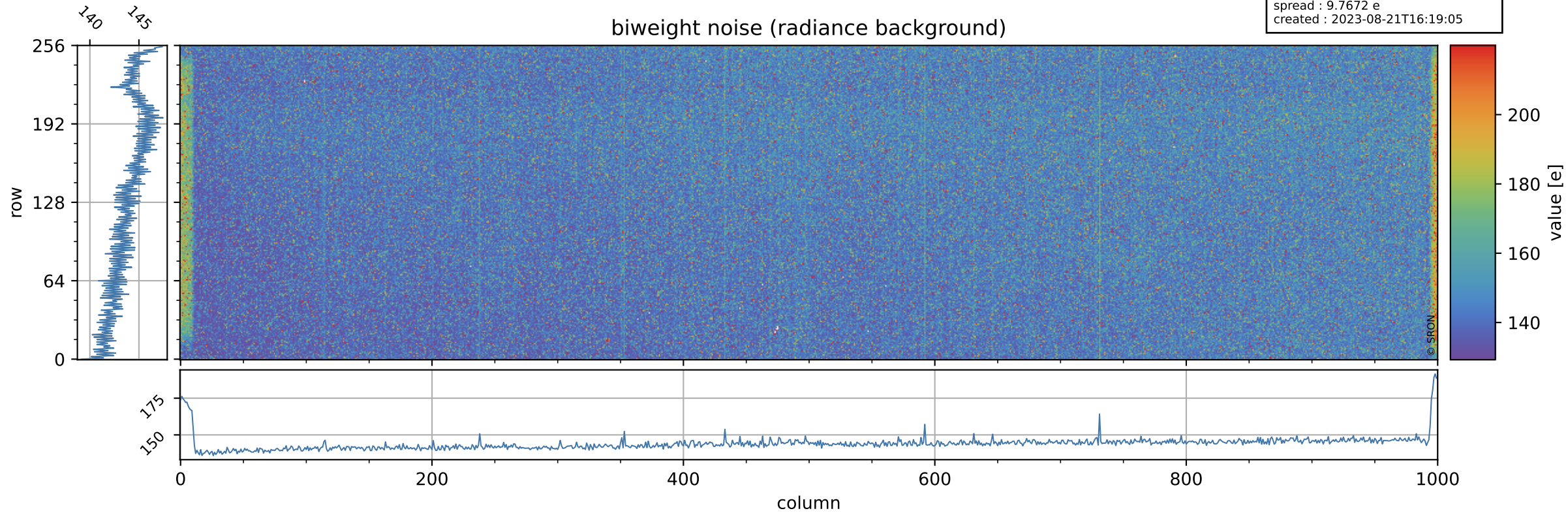
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7672 e
created : 2023-08-21T16:19:05

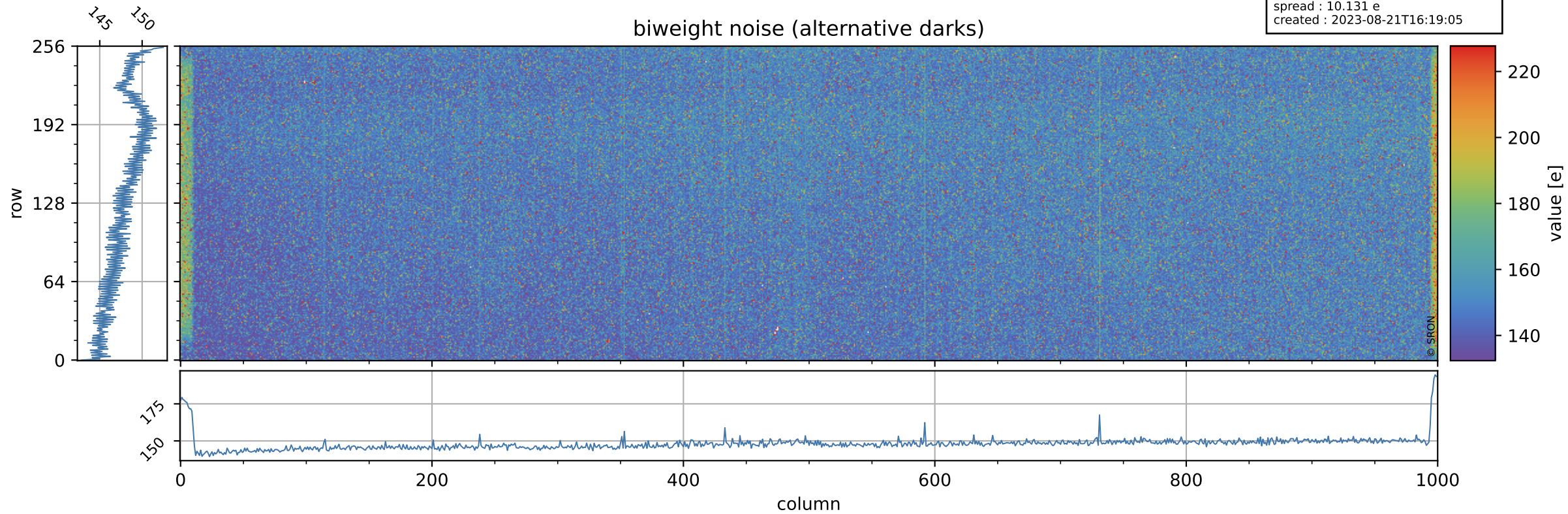
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.131 e
created : 2023-08-21T16:19:05

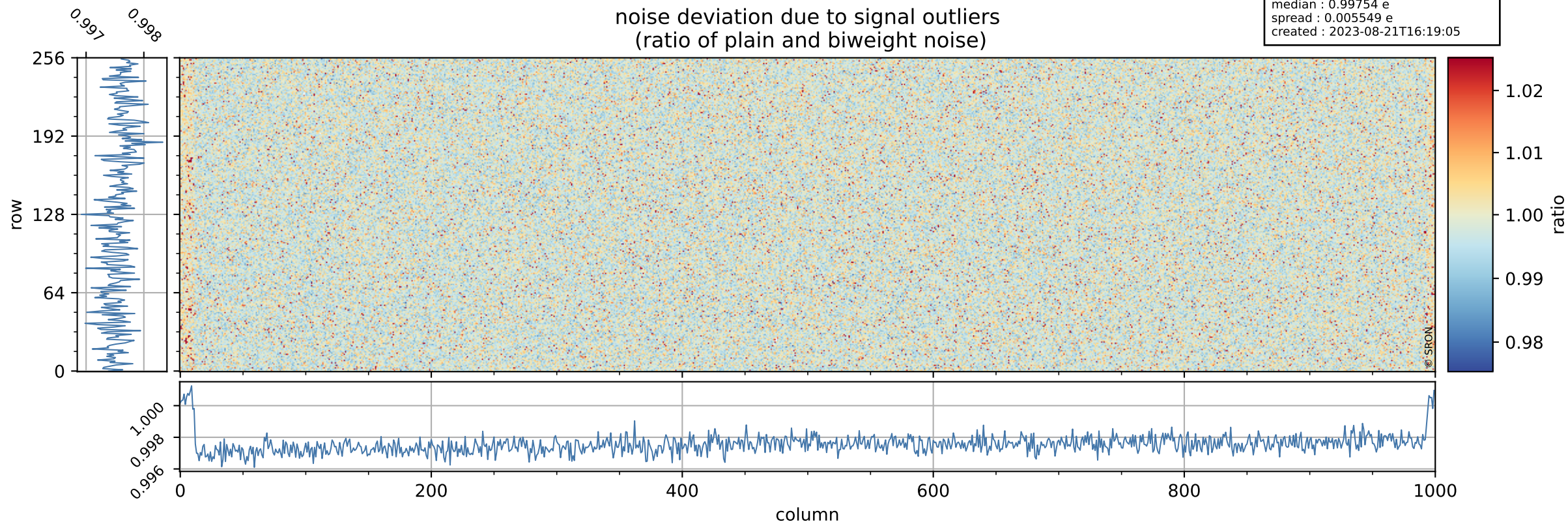
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

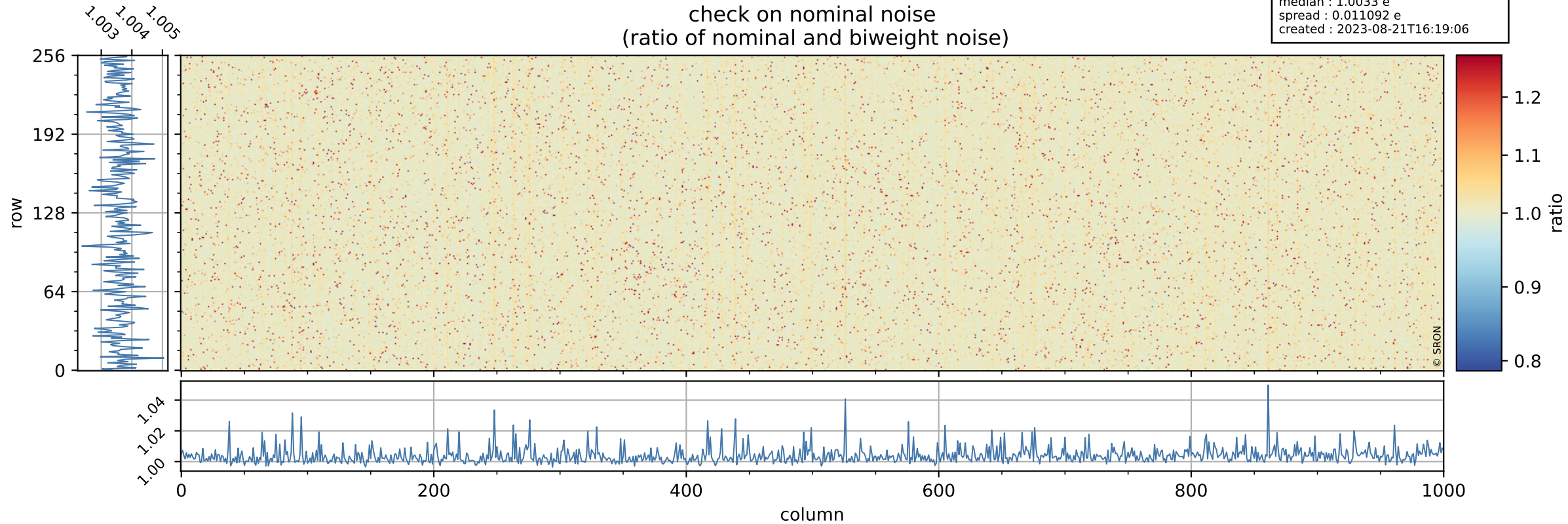
orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
median : 0.99754 e
spread : 0.005549 e
created : 2023-08-21T16:19:05



Tropomi SWIR background noise (swir)

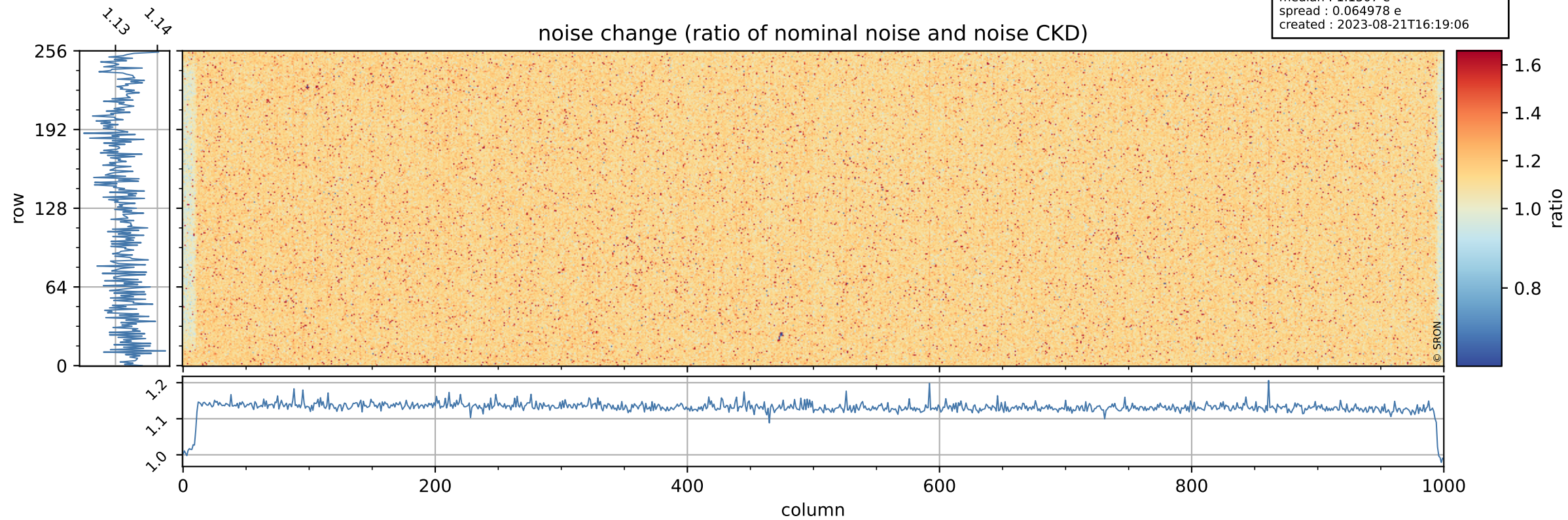
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
median : 1.0033 e
spread : 0.011092 e
created : 2023-08-21T16:19:06



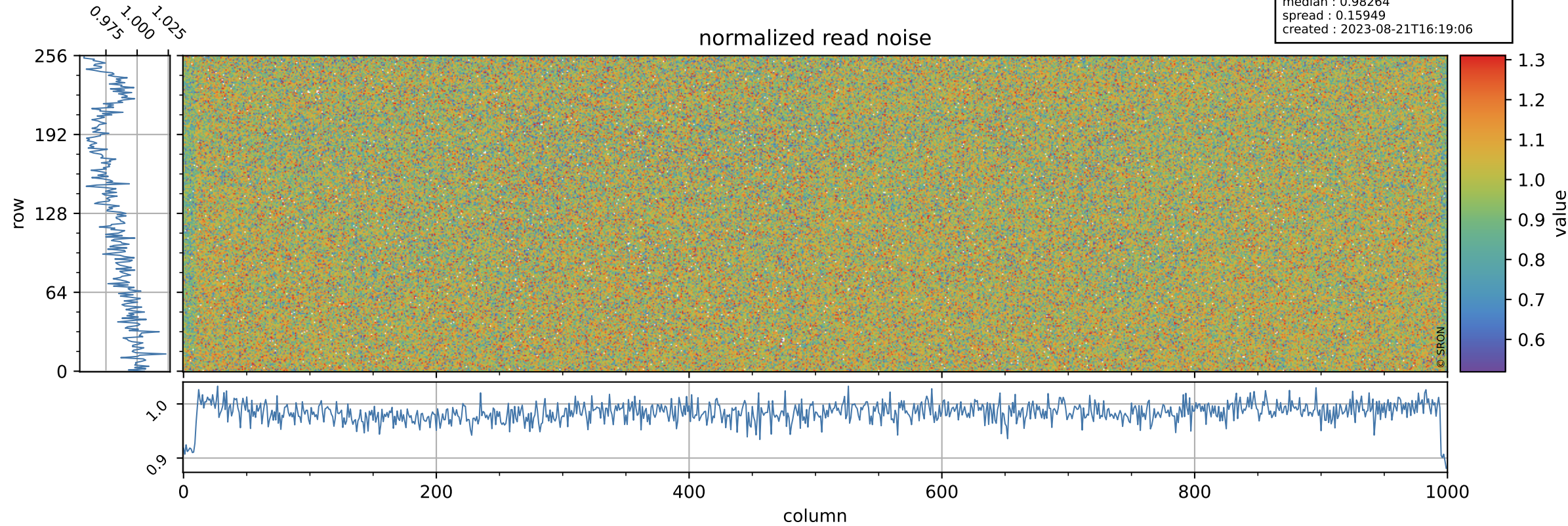
Tropomi SWIR background noise (swir)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
median : 1.1307 e
spread : 0.064978 e
created : 2023-08-21T16:19:06



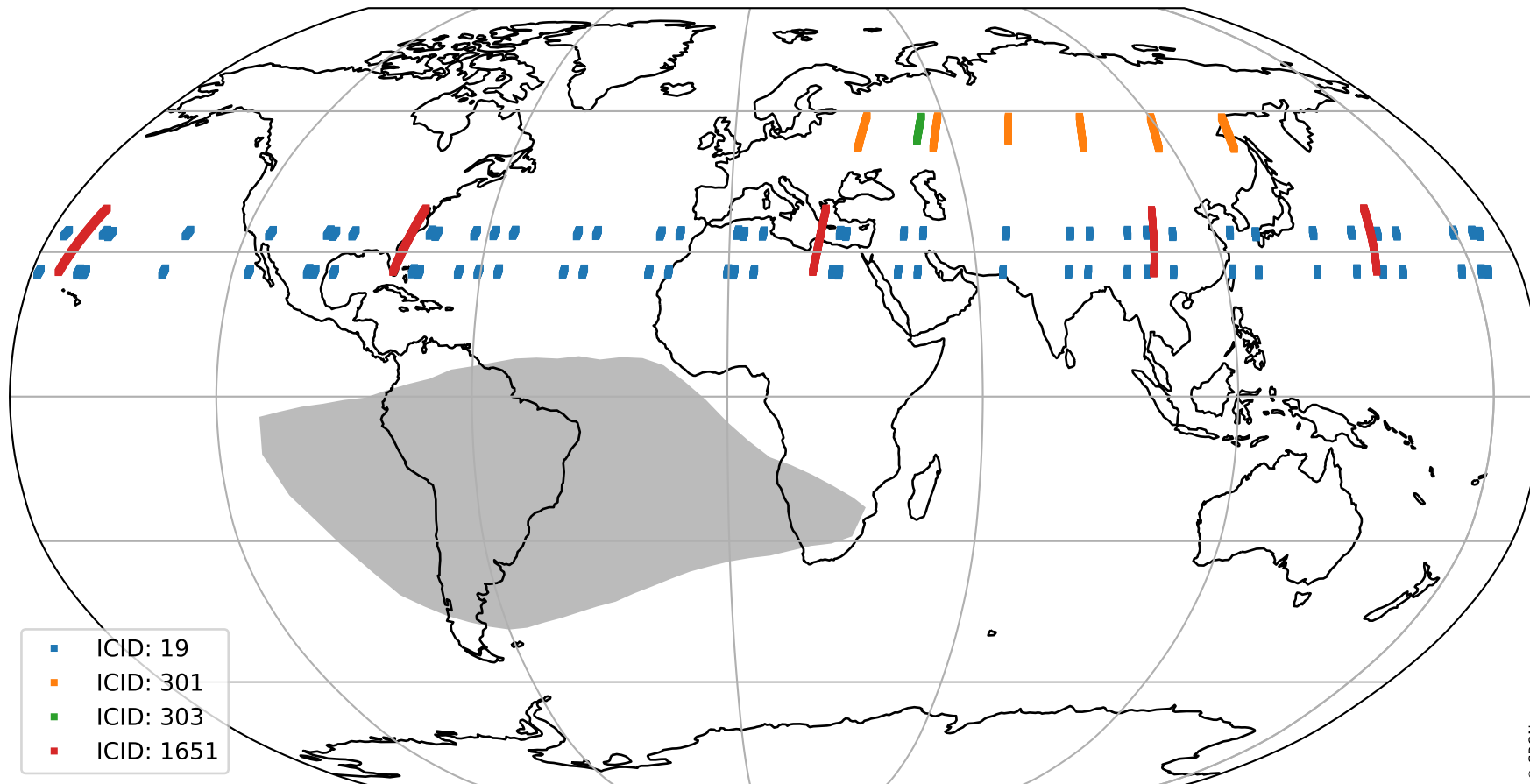
Tropomi SWIR background noise (swir)

orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
median : 0.98264
spread : 0.15949
created : 2023-08-21T16:19:06



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

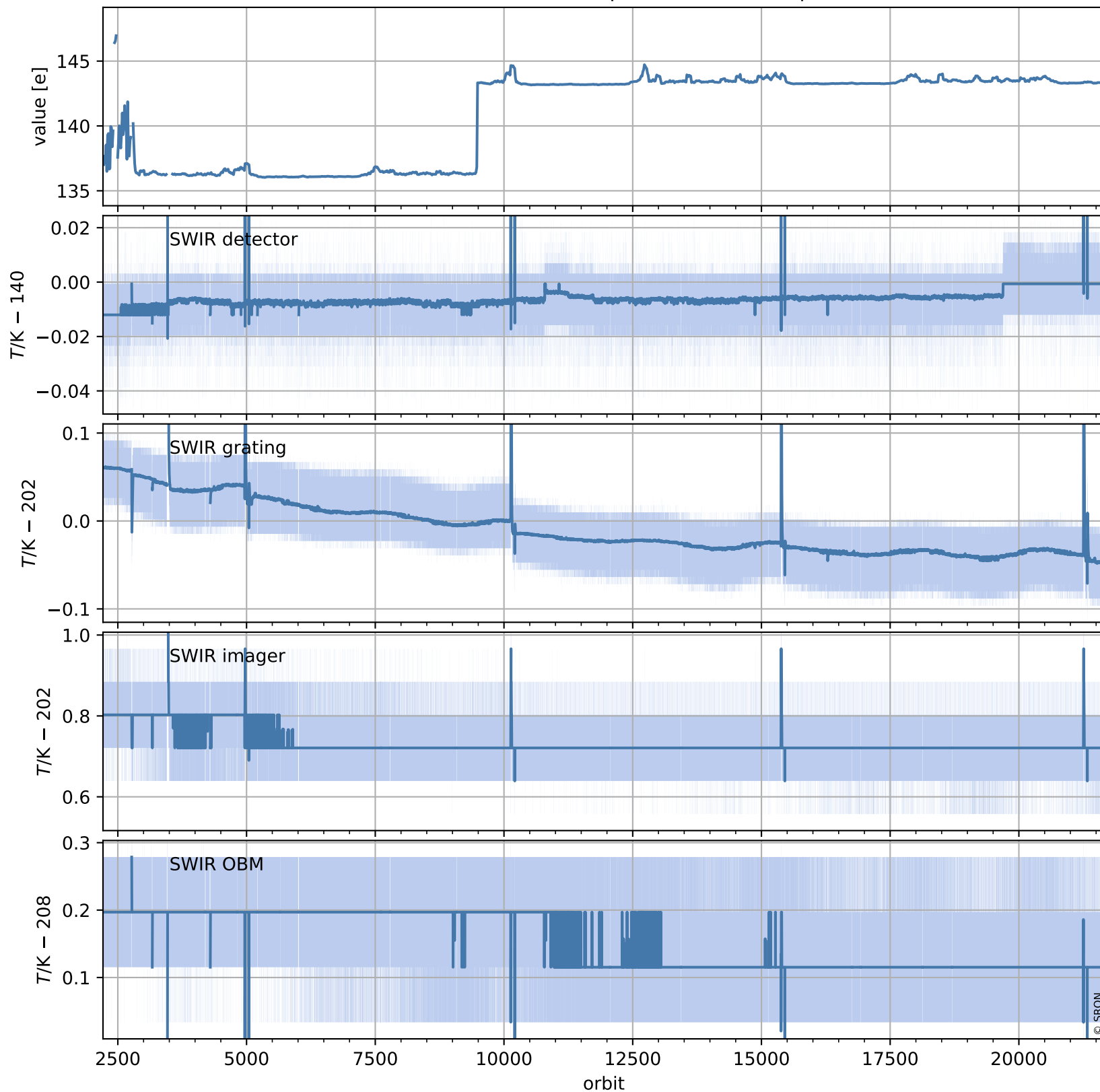
orbits : 12 in [21577, 21667]
coverage : 2021-12-12 / 2021-12-18
created : 2023-08-21T16:19:07



Tropomi SWIR background noise (swir)

orbits : [2212, 21667]
coverage : 2018-03-18 / 2021-12-18
created : 2023-08-21T16:19:07

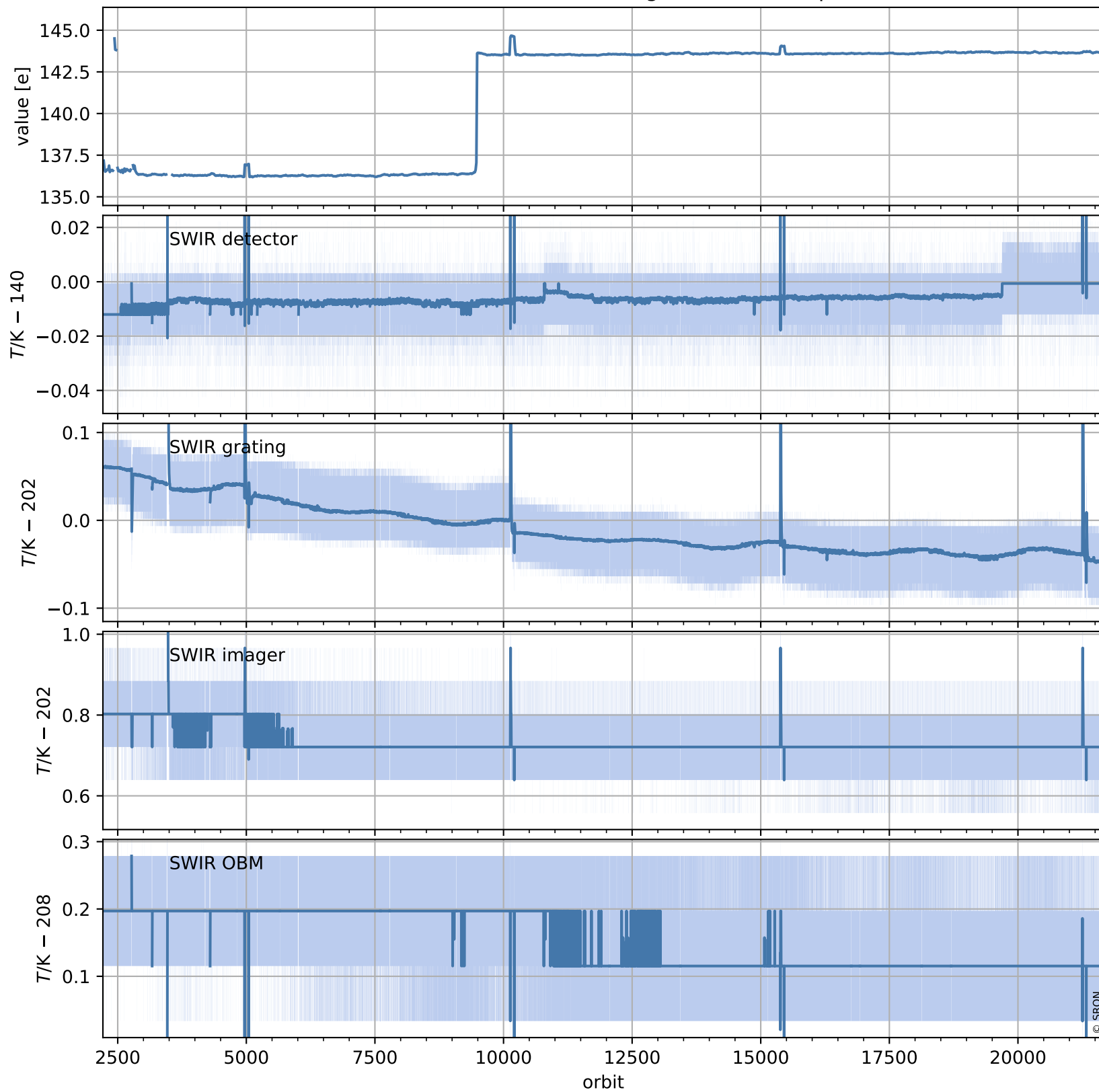
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21667]
coverage : 2018-03-18 / 2021-12-18
created : 2023-08-21T16:19:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21667]
coverage : 2018-03-18 / 2021-12-18
created : 2023-08-21T16:19:09

trend of normalized read-noise & temperatures

