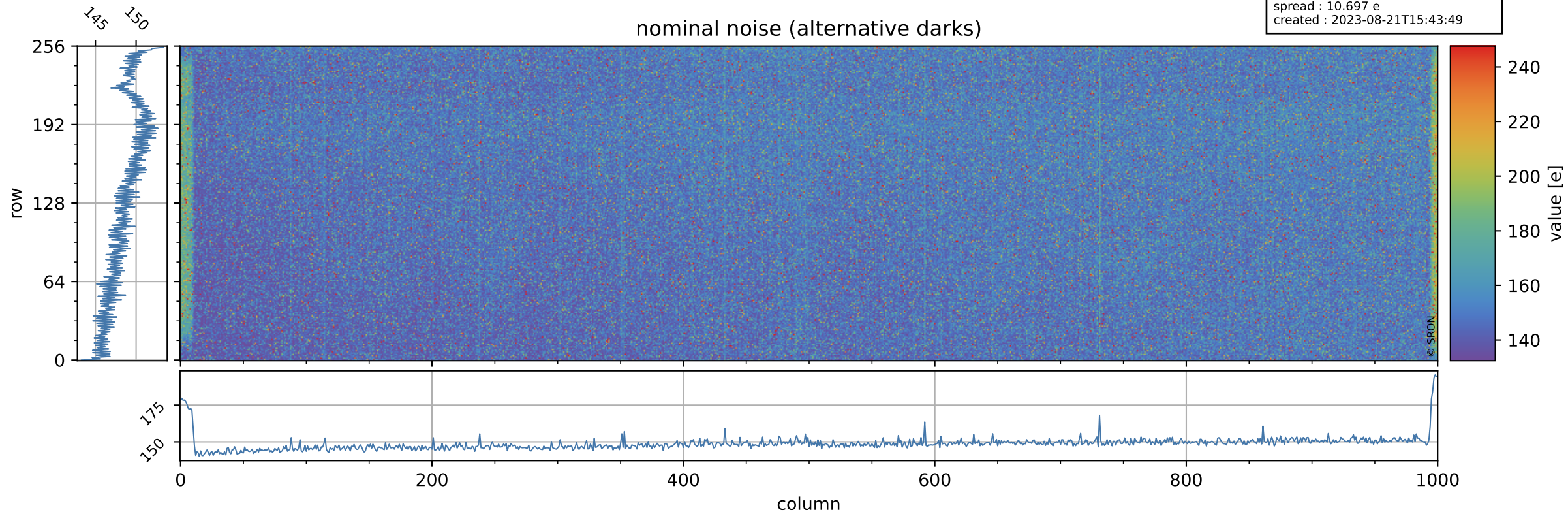


Tropomi SWIR background noise (swir)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.697 e
created : 2023-08-21T15:43:49

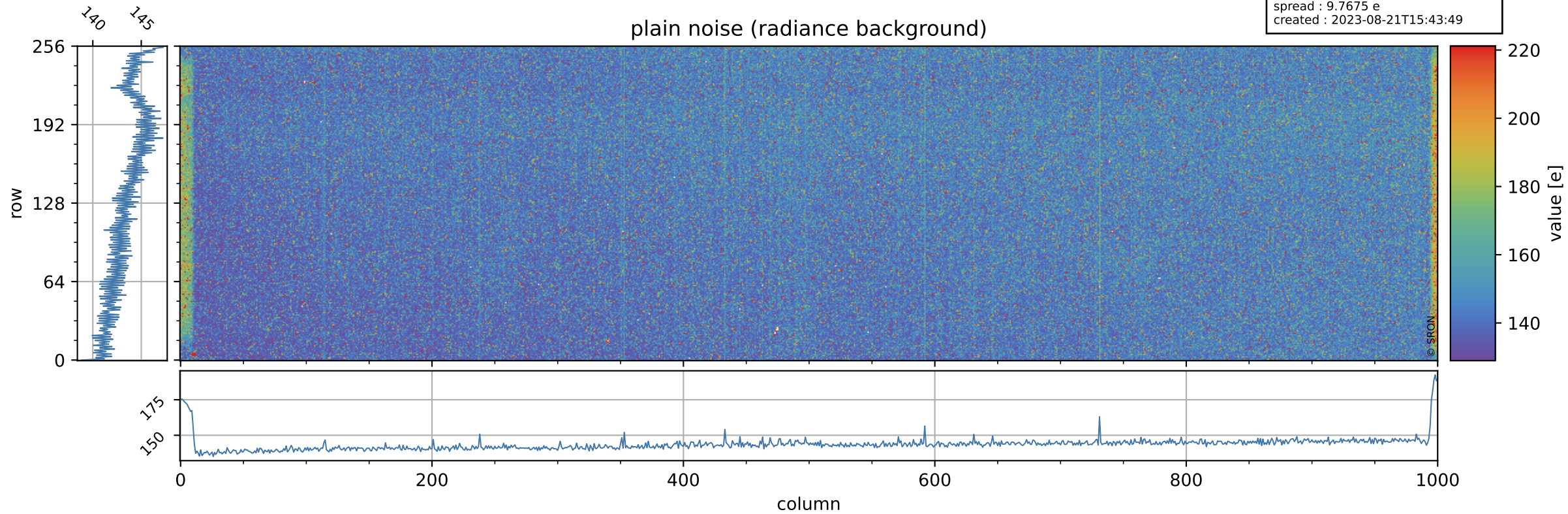
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7675 e
created : 2023-08-21T15:43:49

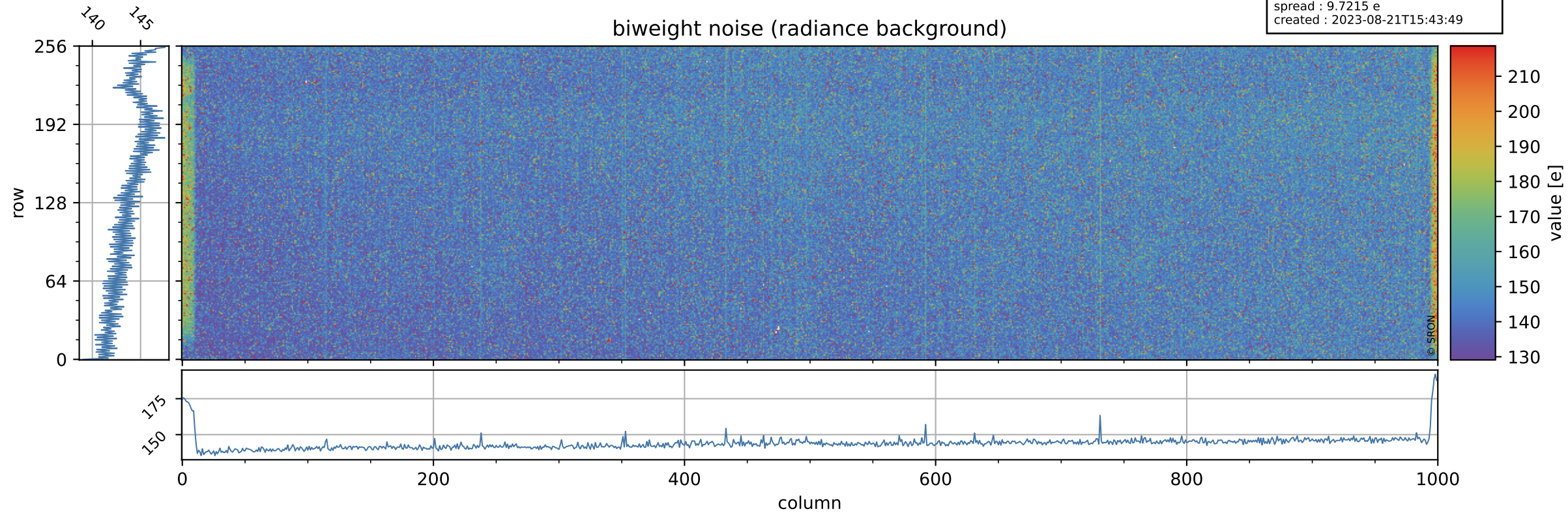
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7215 e
created : 2023-08-21T15:43:49

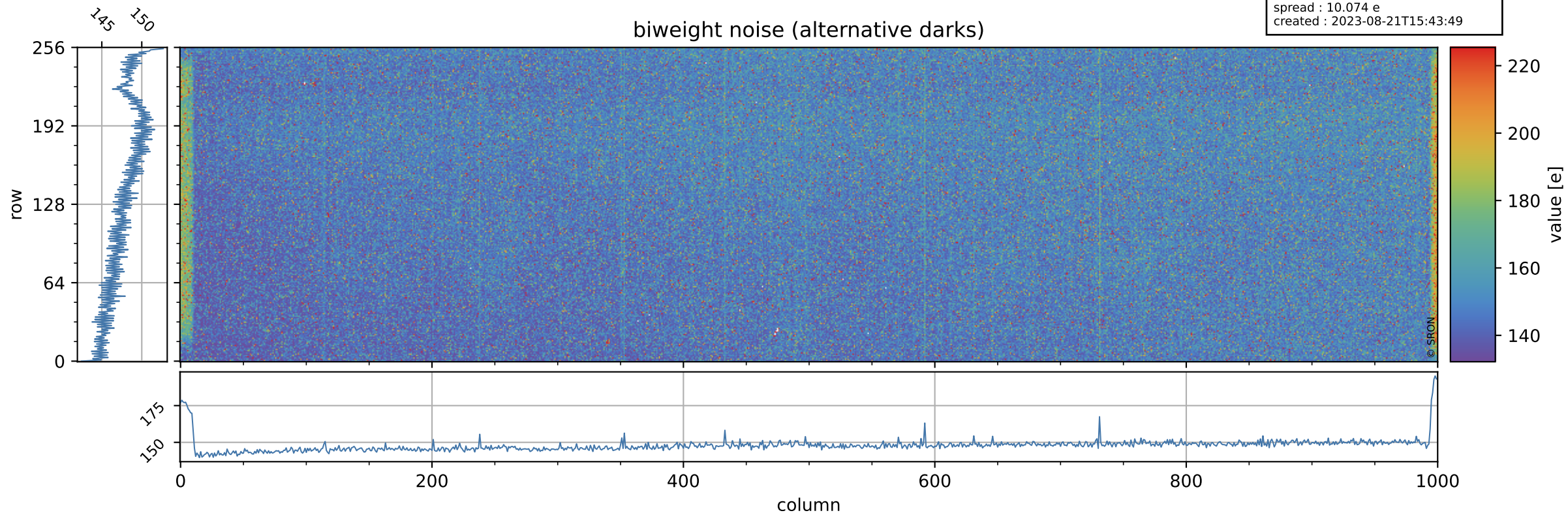
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.074 e
created : 2023-08-21T15:43:49

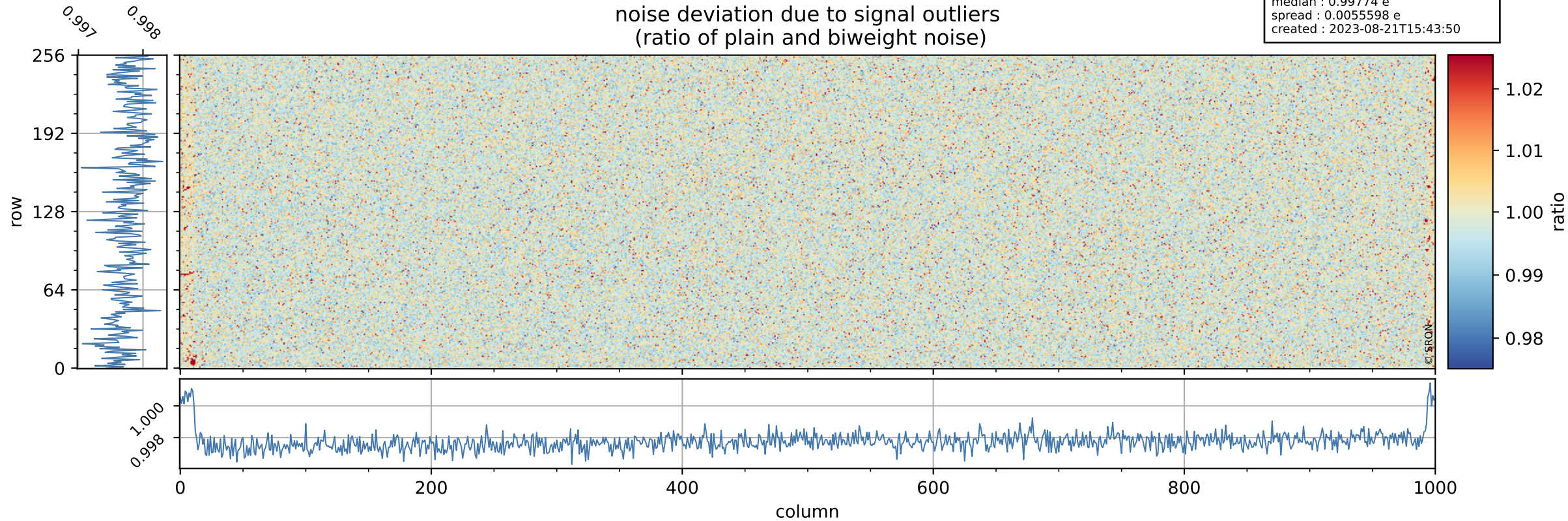
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

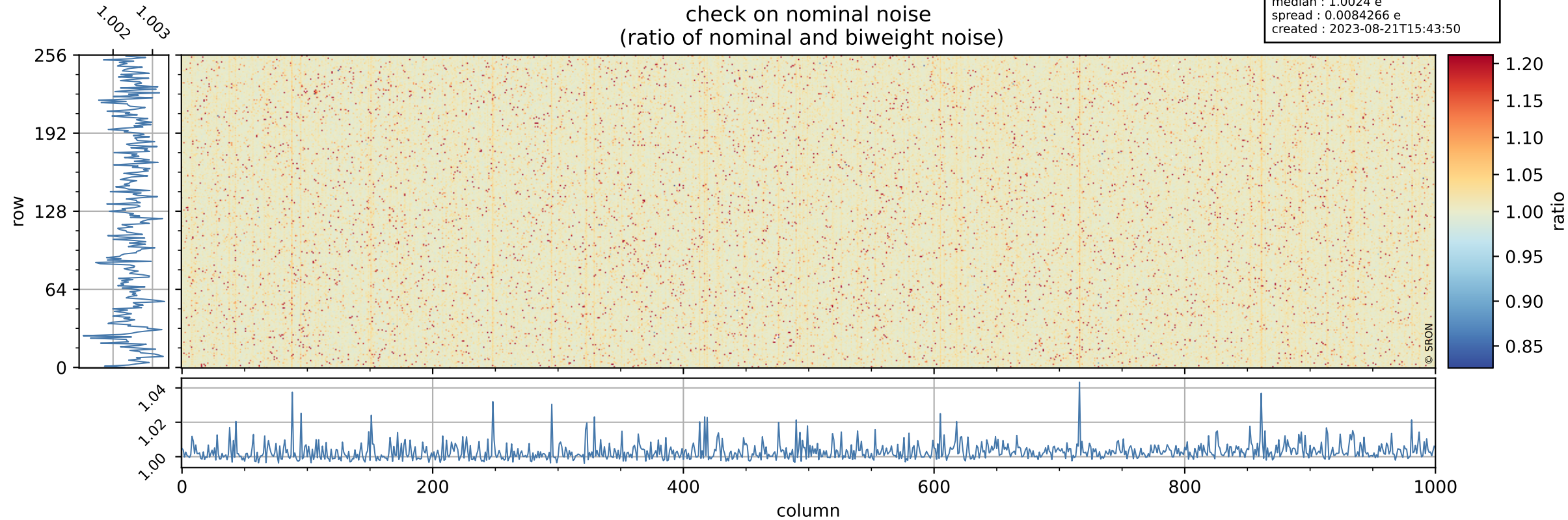
orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
median : 0.99774 e
spread : 0.0055598 e
created : 2023-08-21T15:43:50



Tropomi SWIR background noise (swir)

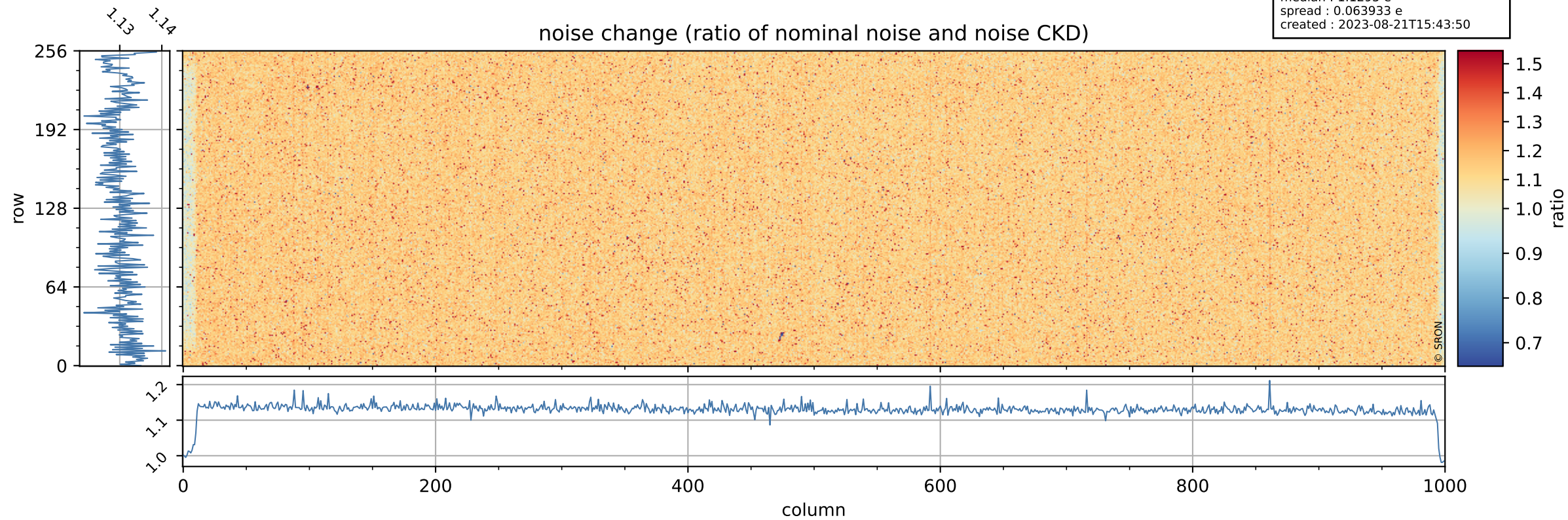
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
median : 1.0024 e
spread : 0.0084266 e
created : 2023-08-21T15:43:50



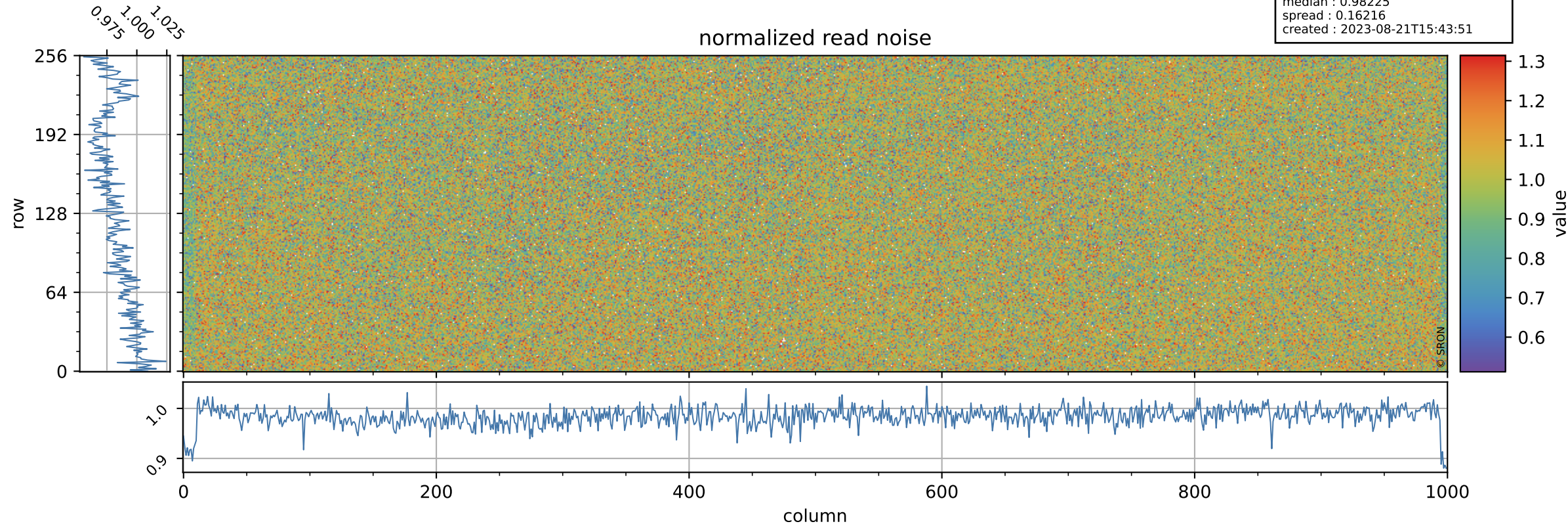
Tropomi SWIR background noise (swir)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
median : 1.1295 e
spread : 0.063933 e
created : 2023-08-21T15:43:50



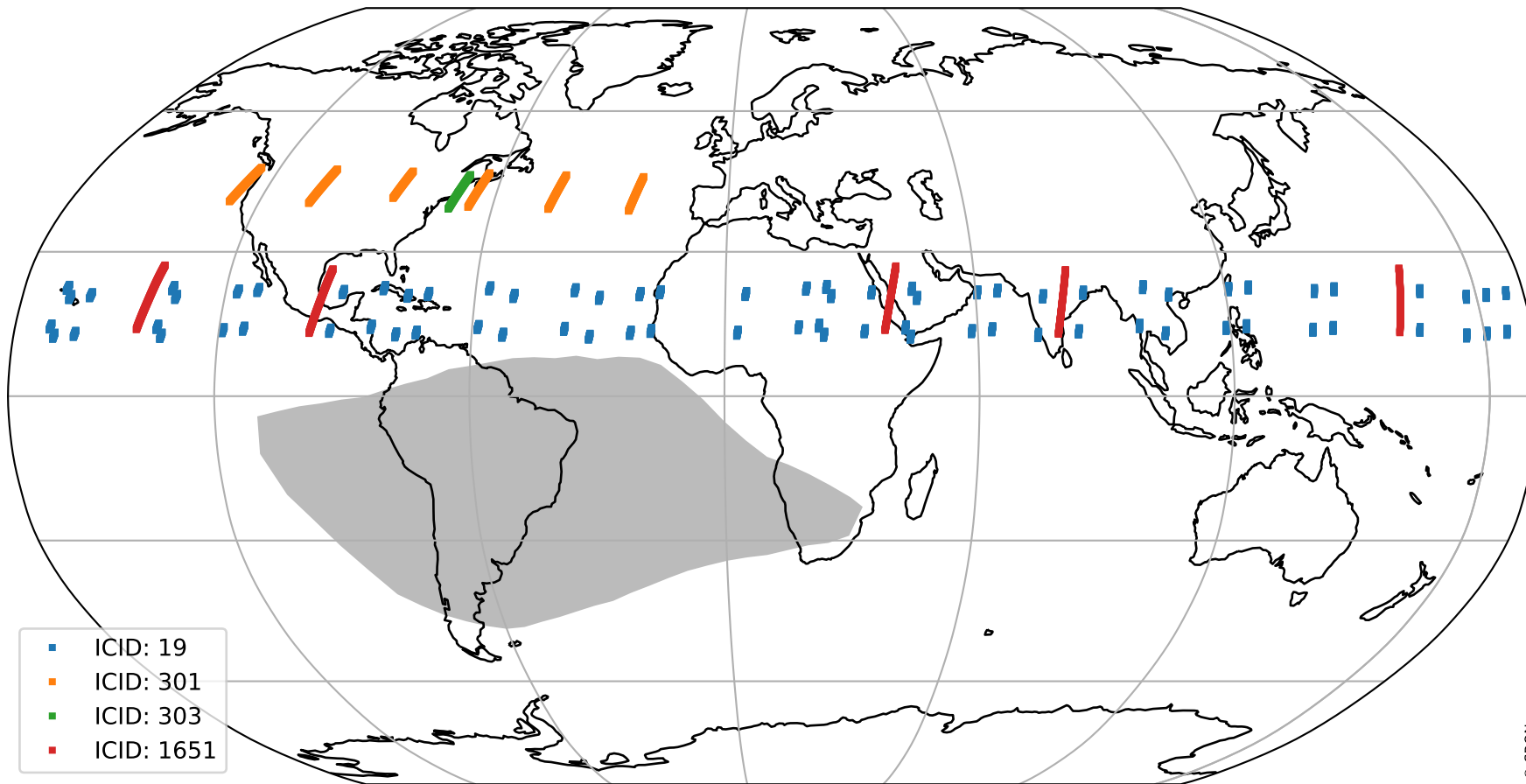
Tropomi SWIR background noise (swir)

orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
median : 0.98225
spread : 0.16216
created : 2023-08-21T15:43:51



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

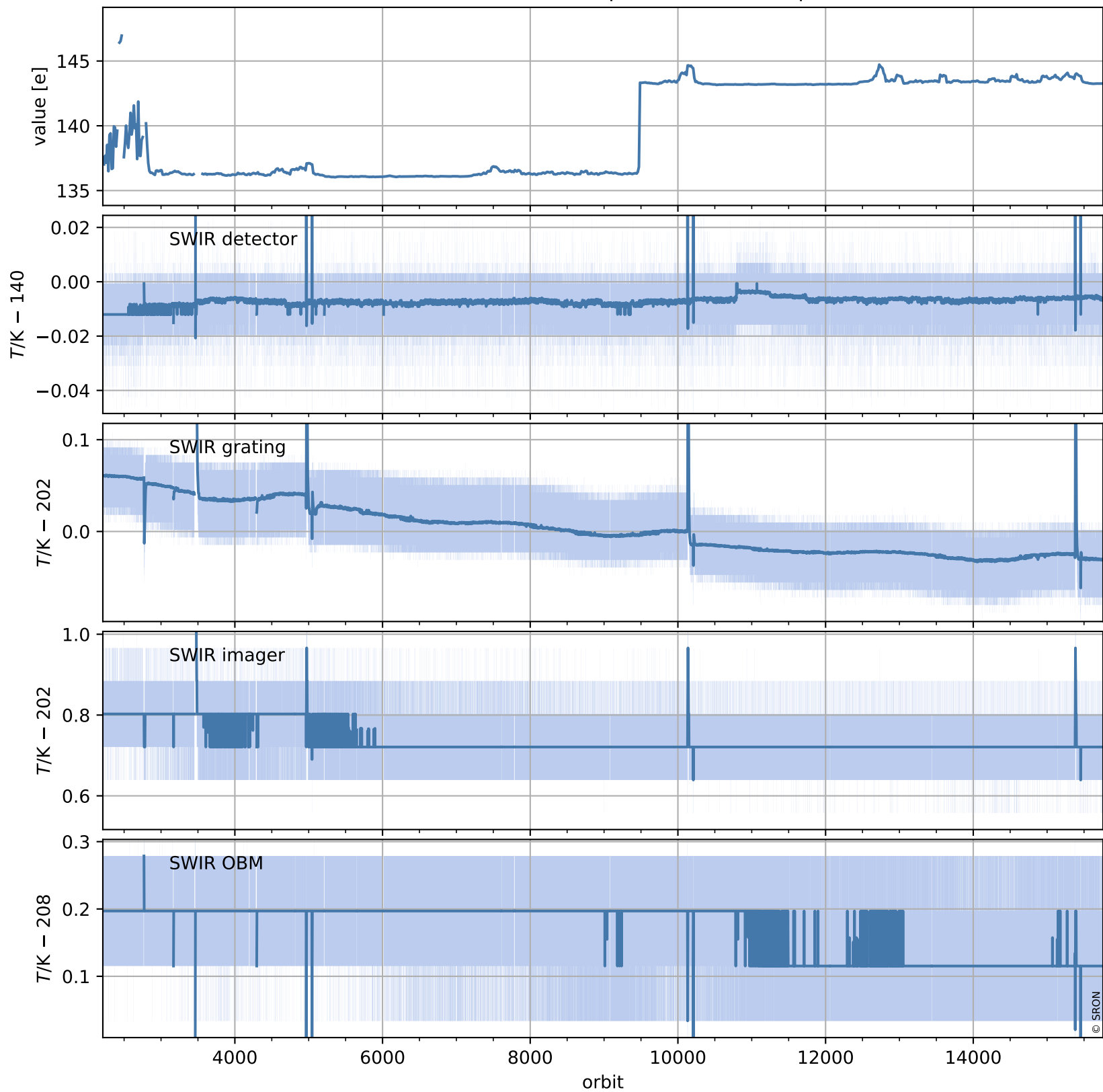
orbits : 12 in [15682, 15757]
coverage : 2020-10-22 / 2020-10-27
created : 2023-08-21T15:43:51



Tropomi SWIR background noise (swir)

orbits : [2212, 15757]
coverage : 2018-03-18 / 2020-10-27
created : 2023-08-21T15:43:51

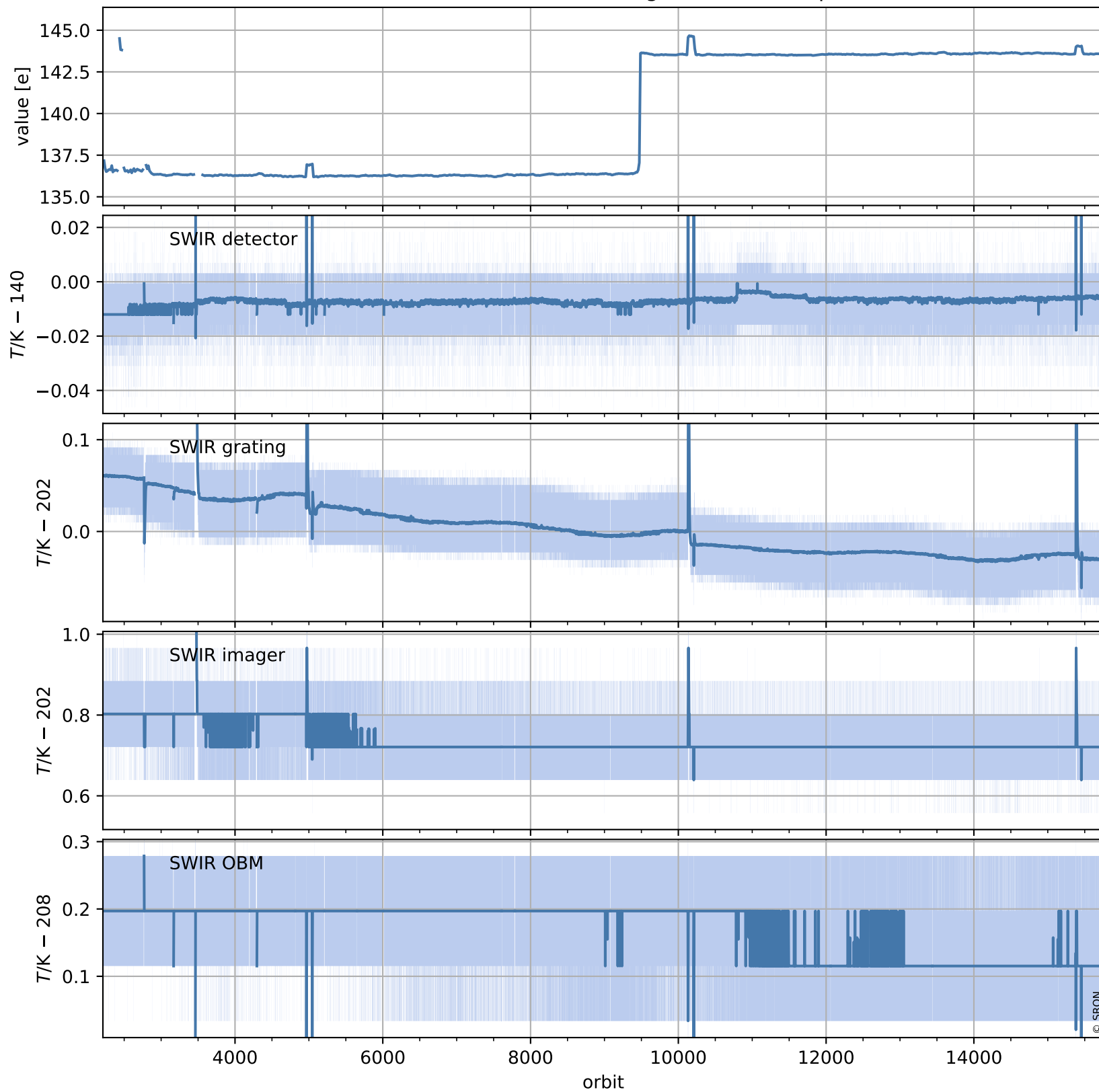
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15757]
coverage : 2018-03-18 / 2020-10-27
created : 2023-08-21T15:43:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15757]
coverage : 2018-03-18 / 2020-10-27
created : 2023-08-21T15:43:53

trend of normalized read-noise & temperatures

