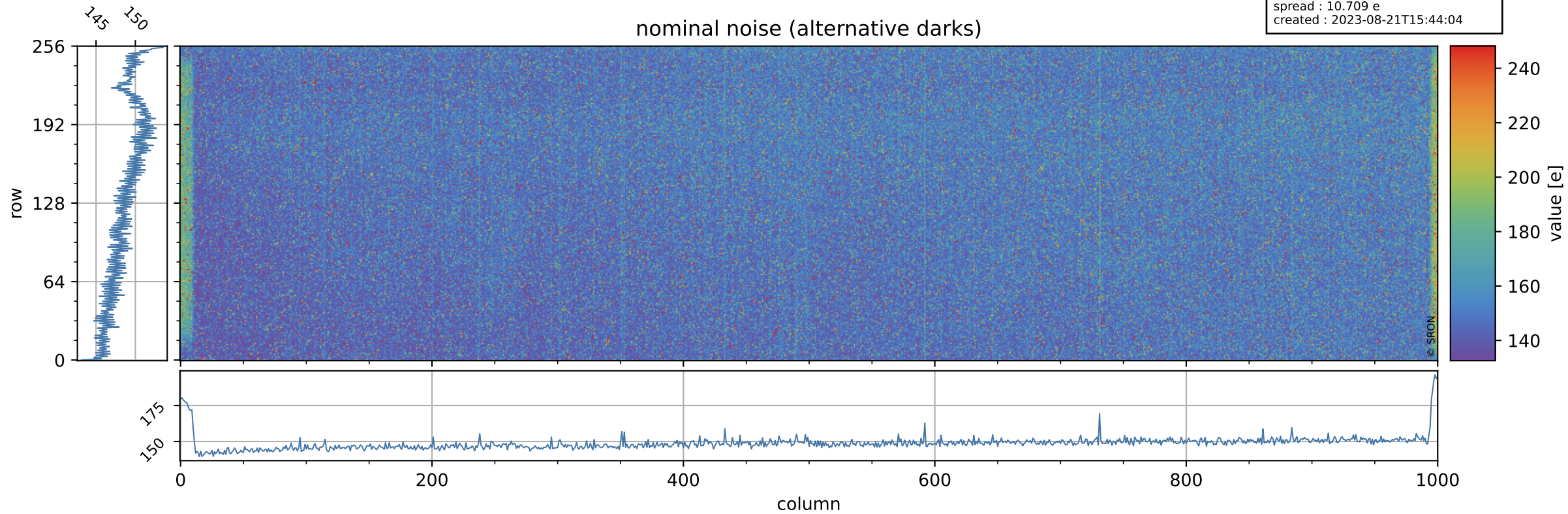


Tropomi SWIR background noise (swir)

orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.709 e
created : 2023-08-21T15:44:04

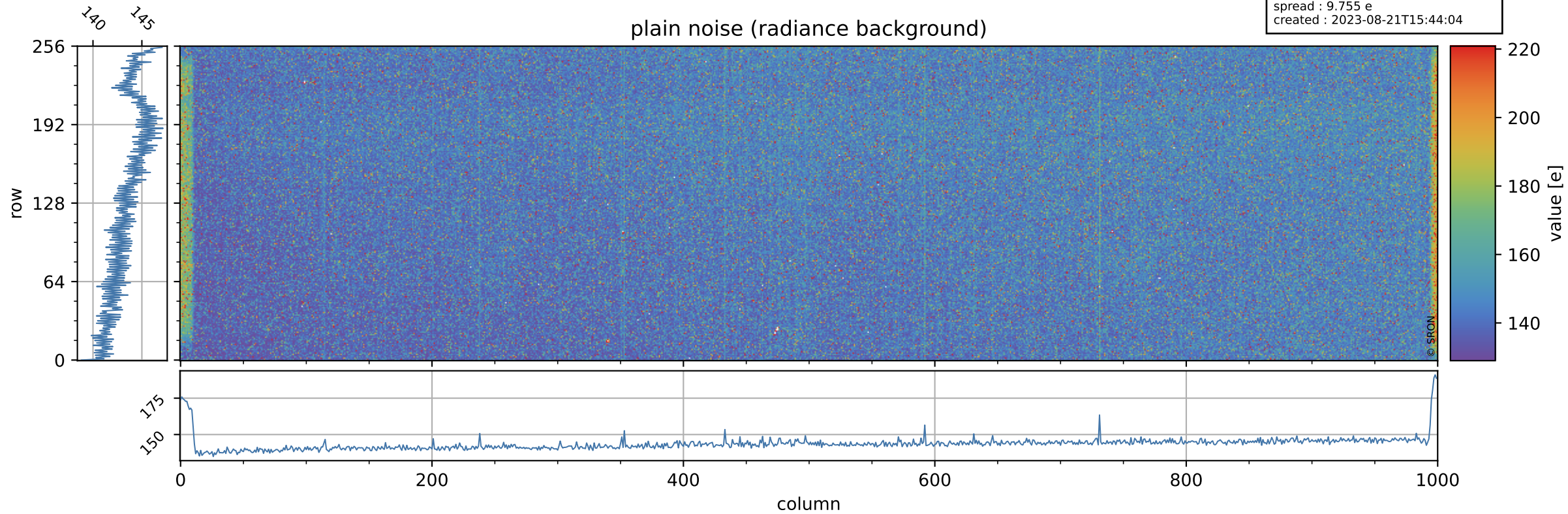
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.755 e
created : 2023-08-21T15:44:04

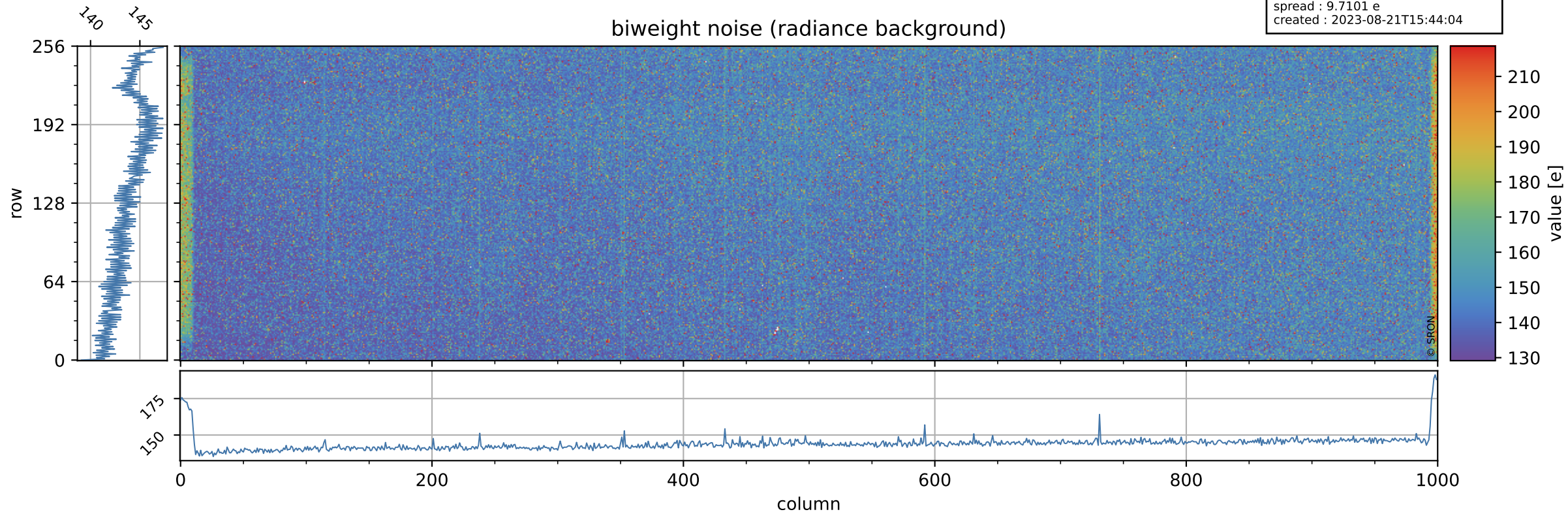
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7101 e
created : 2023-08-21T15:44:04

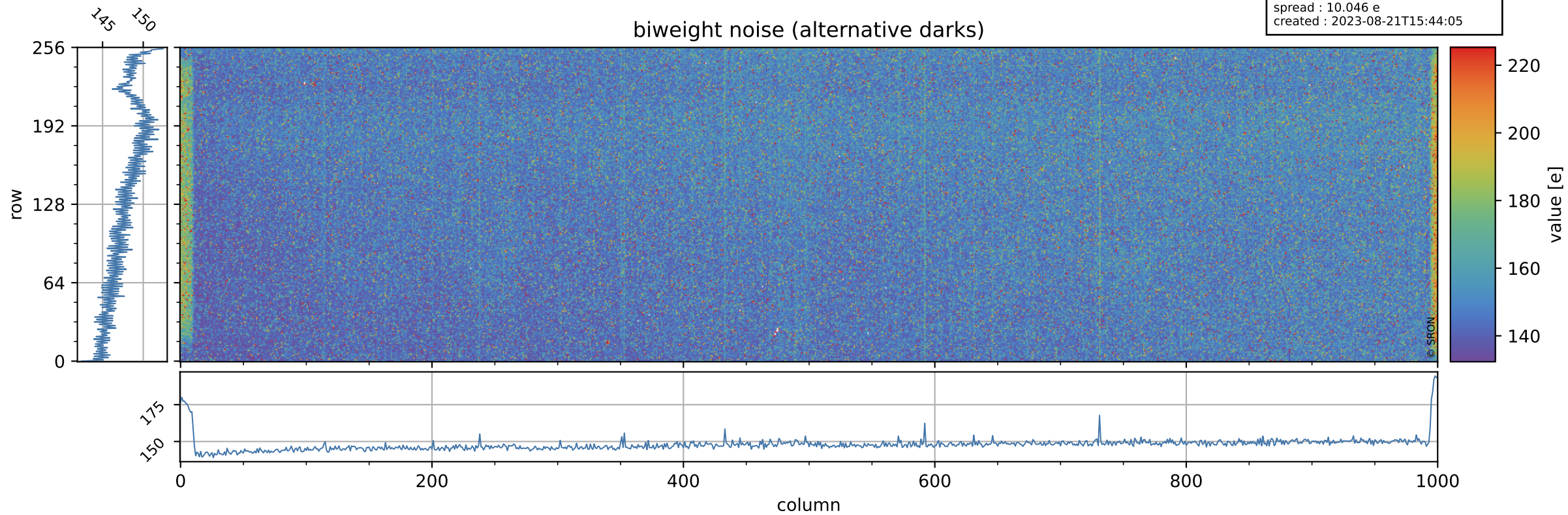
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.046 e
created : 2023-08-21T15:44:05

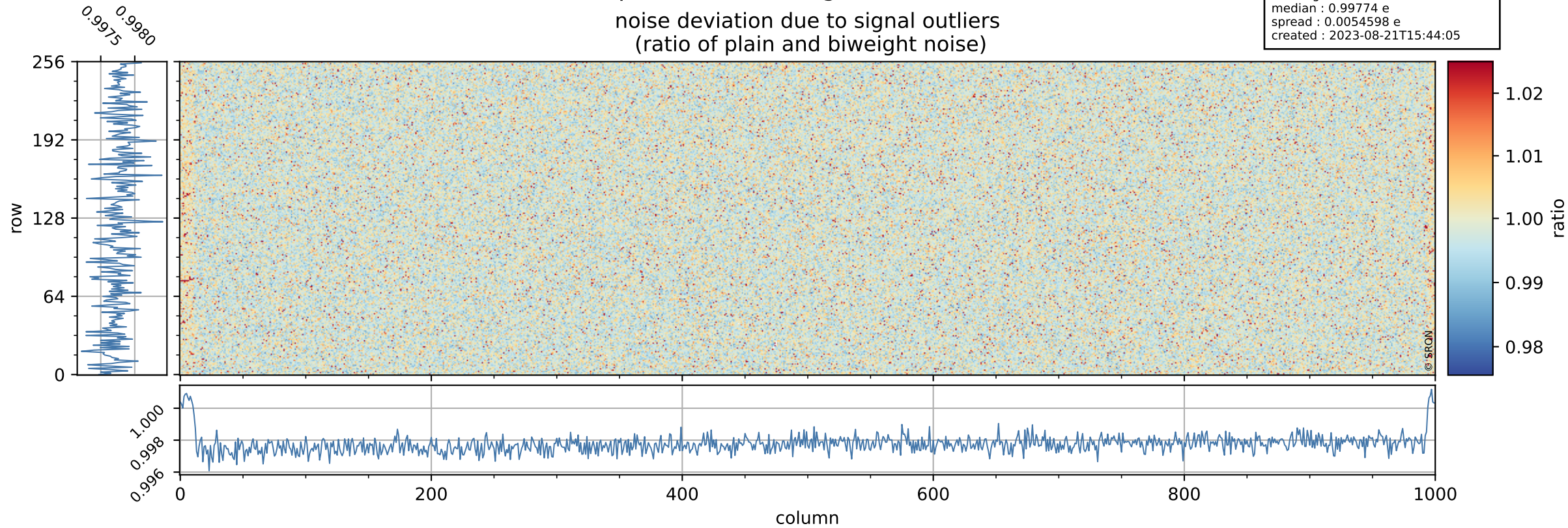
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

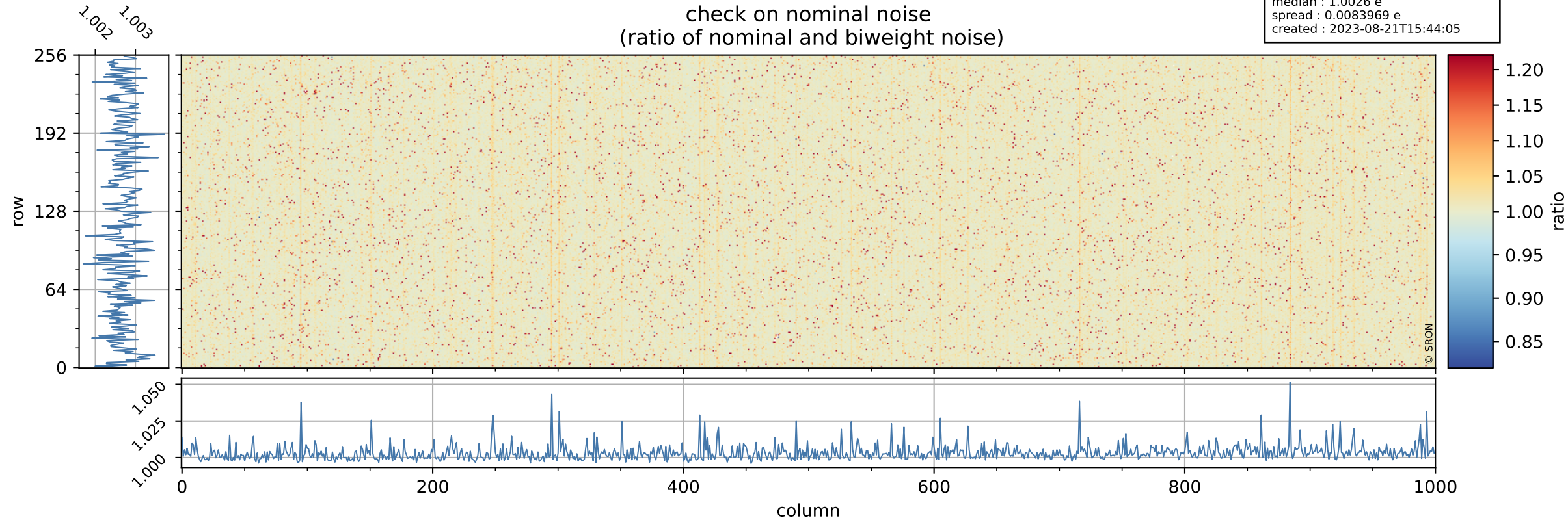
orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
median : 0.99774 e
spread : 0.0054598 e
created : 2023-08-21T15:44:05



Tropomi SWIR background noise (swir)

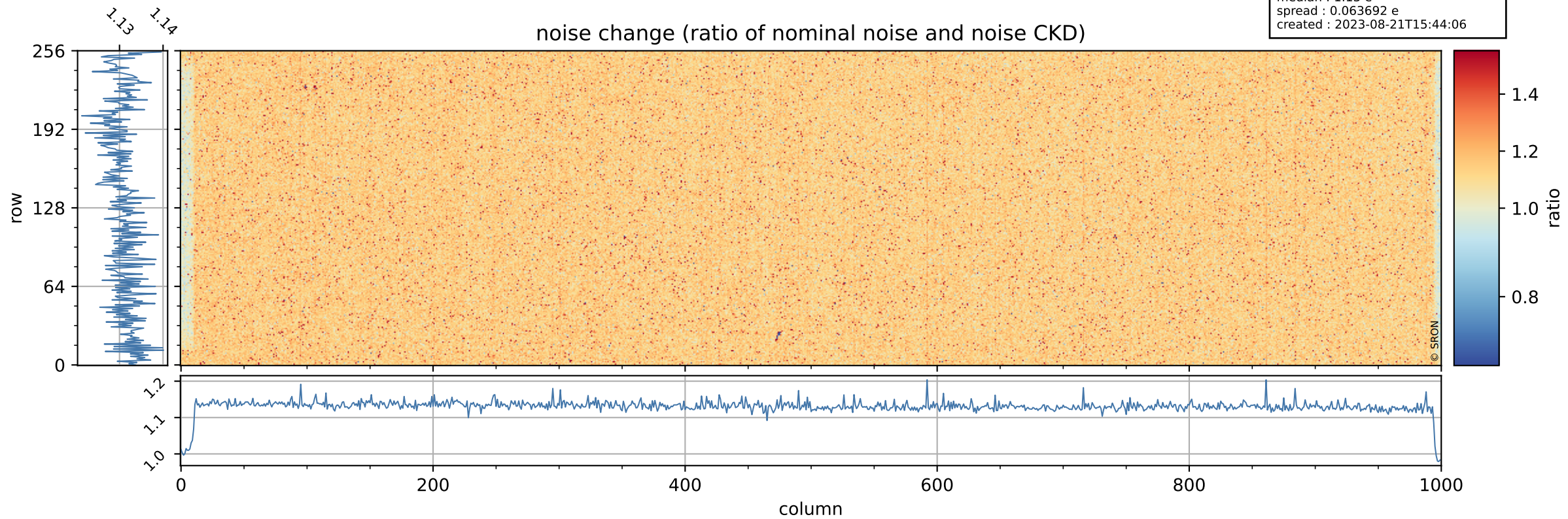
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
median : 1.0026 e
spread : 0.0083969 e
created : 2023-08-21T15:44:05



Tropomi SWIR background noise (swir)

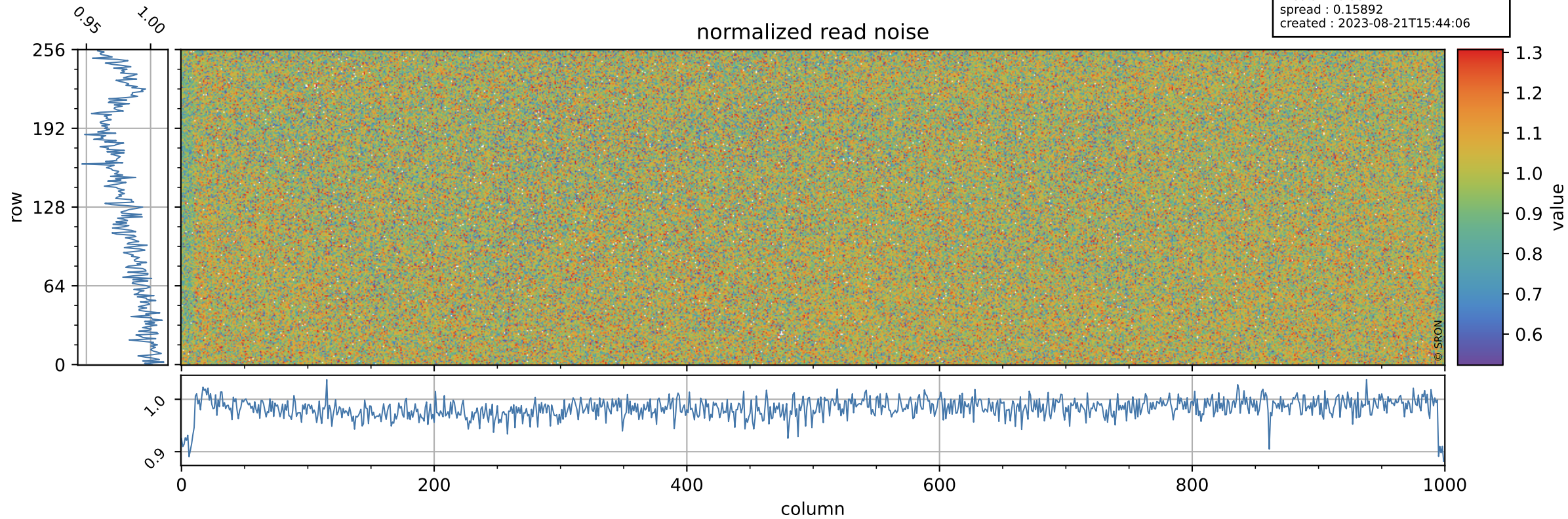
orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
median : 1.13 e
spread : 0.063692 e
created : 2023-08-21T15:44:06



Tropomi SWIR background noise (swir)

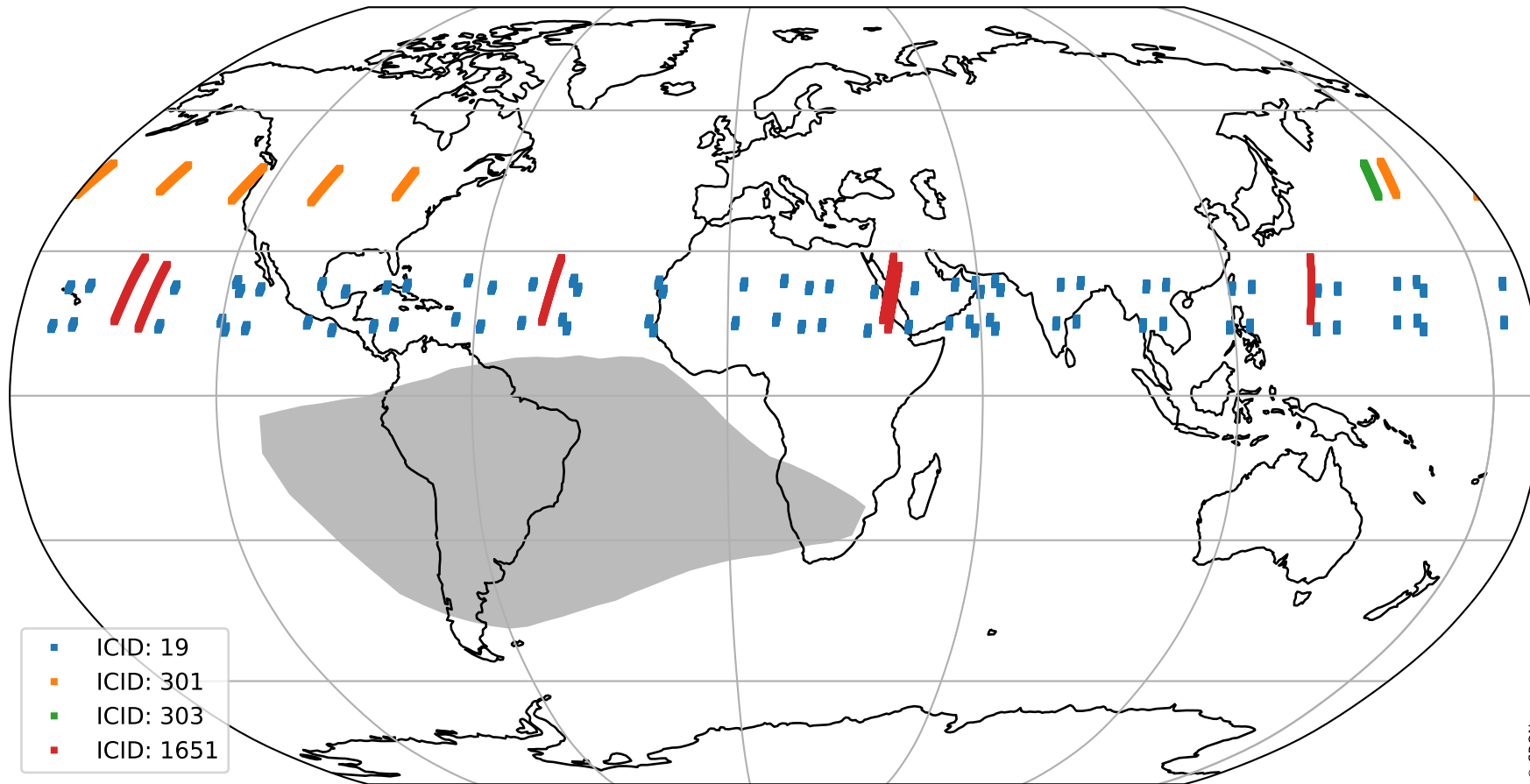
orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
median : 0.98141
spread : 0.15892
created : 2023-08-21T15:44:06

normalized read noise



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

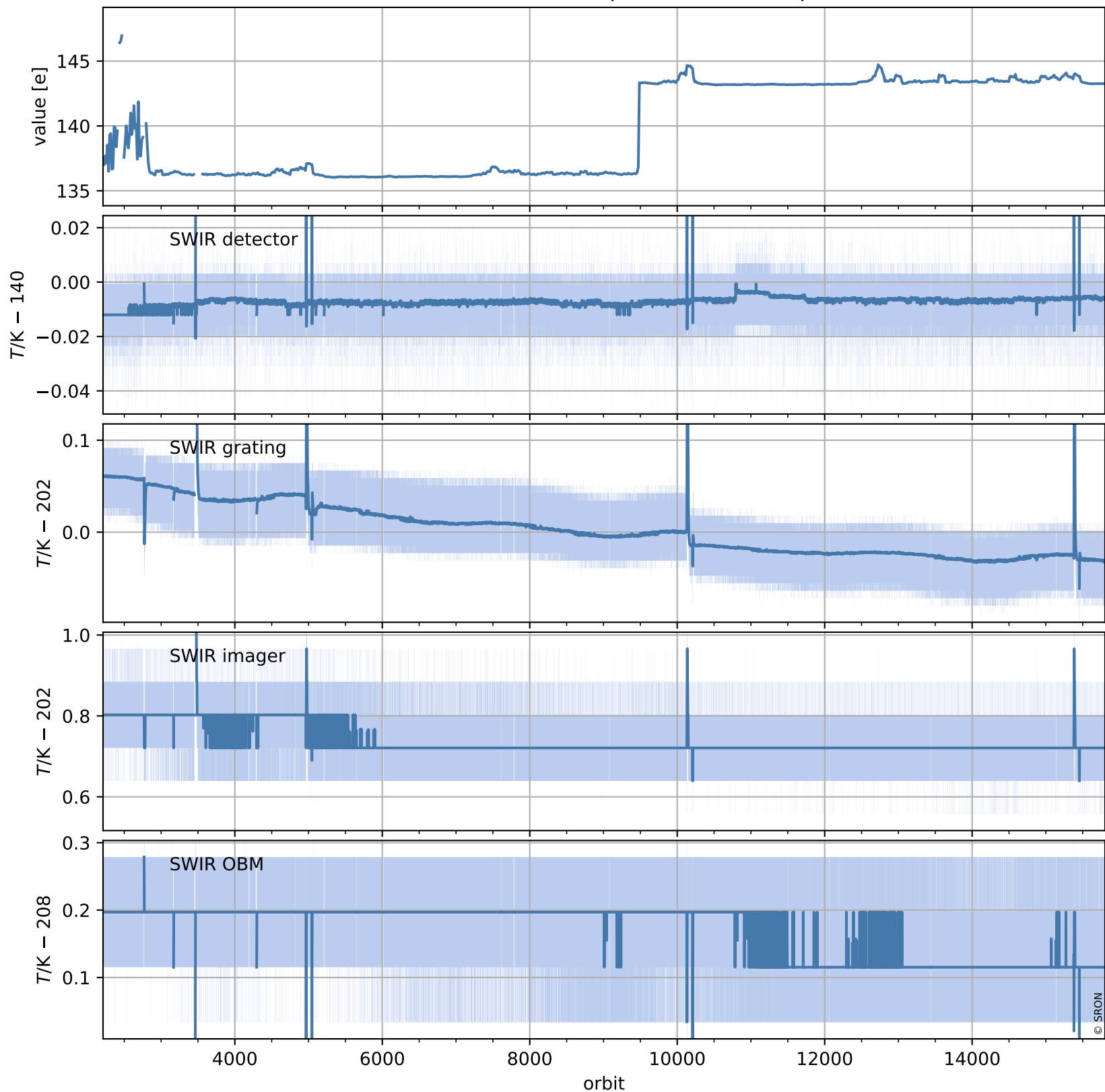
orbits : 13 in [15712, 15802]
coverage : 2020-10-25 / 2020-10-30
created : 2023-08-21T15:44:06



Tropomi SWIR background noise (swir)

orbits : [2212, 15802]
coverage : 2018-03-18 / 2020-10-30
created : 2023-08-21T15:44:06

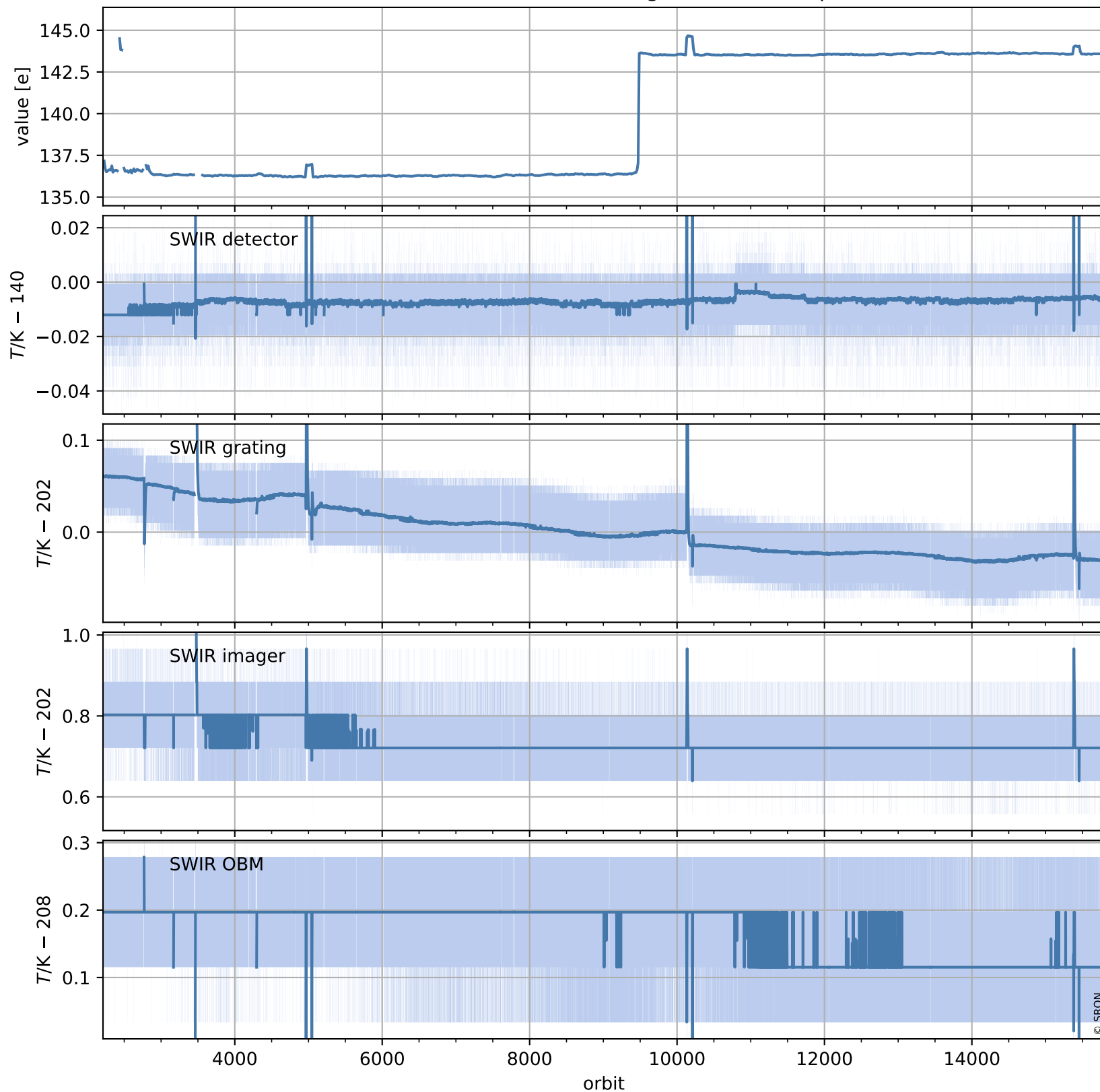
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15802]
coverage : 2018-03-18 / 2020-10-30
created : 2023-08-21T15:44:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15802]
coverage : 2018-03-18 / 2020-10-30
created : 2023-08-21T15:44:08

trend of normalized read-noise & temperatures

