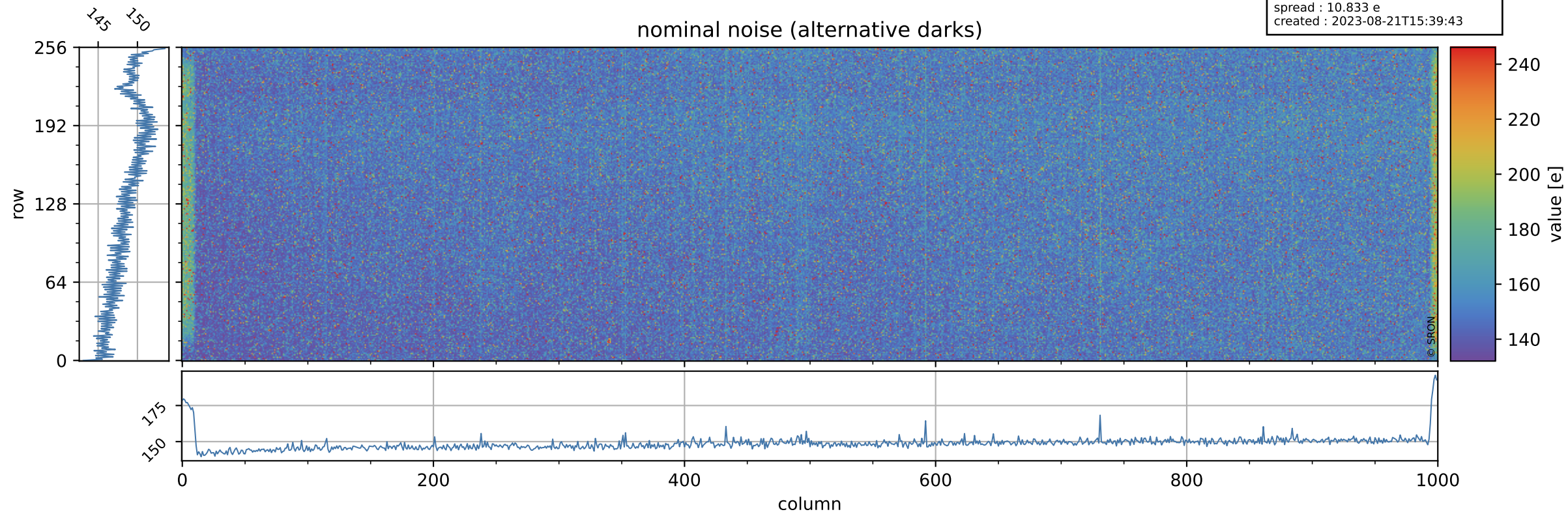


Tropomi SWIR background noise (swir)

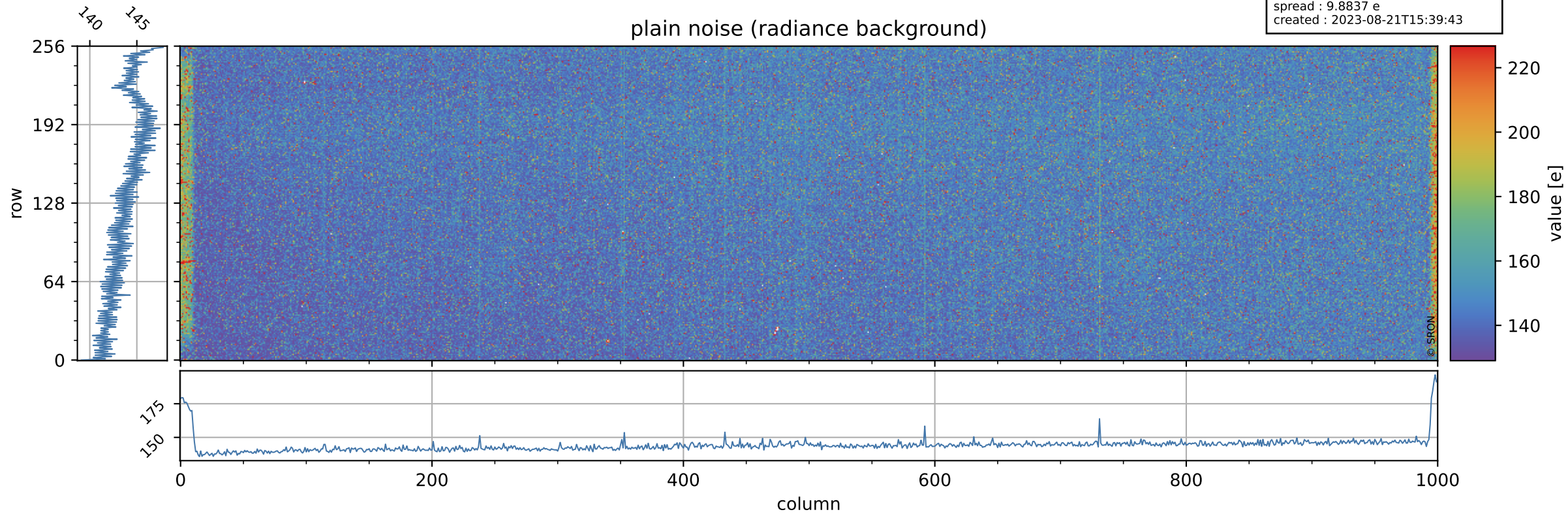
orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.833 e
created : 2023-08-21T15:39:43



Tropomi SWIR background noise (swir)

orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8837 e
created : 2023-08-21T15:39:43

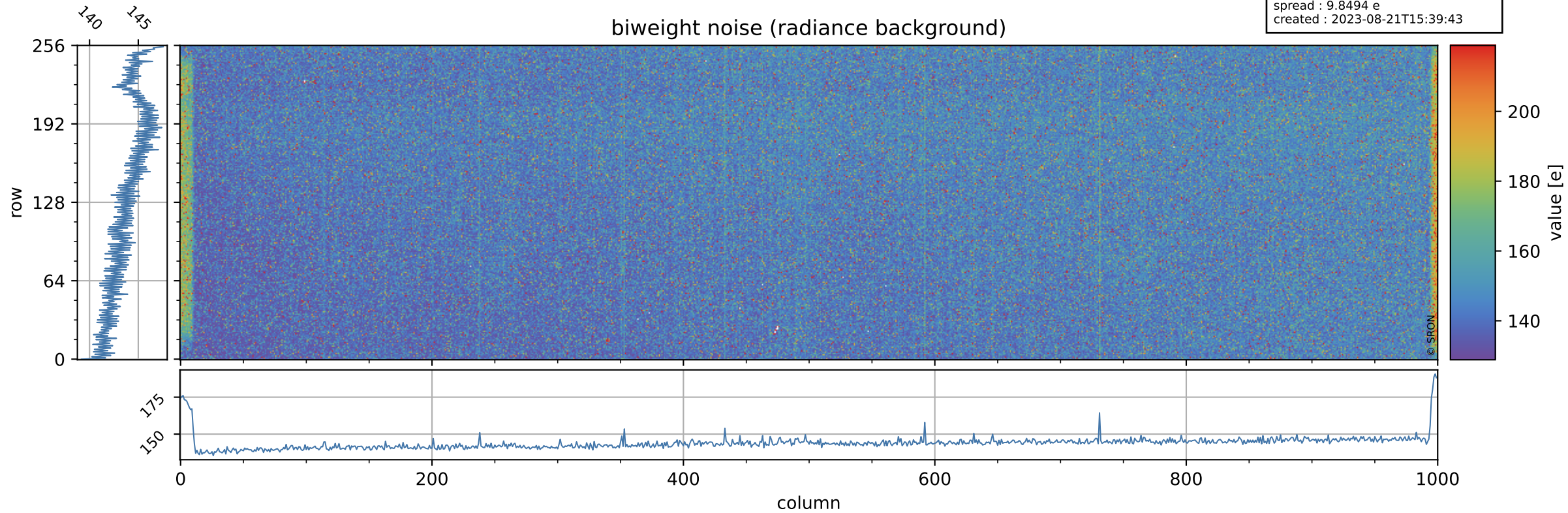
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8494 e
created : 2023-08-21T15:39:43

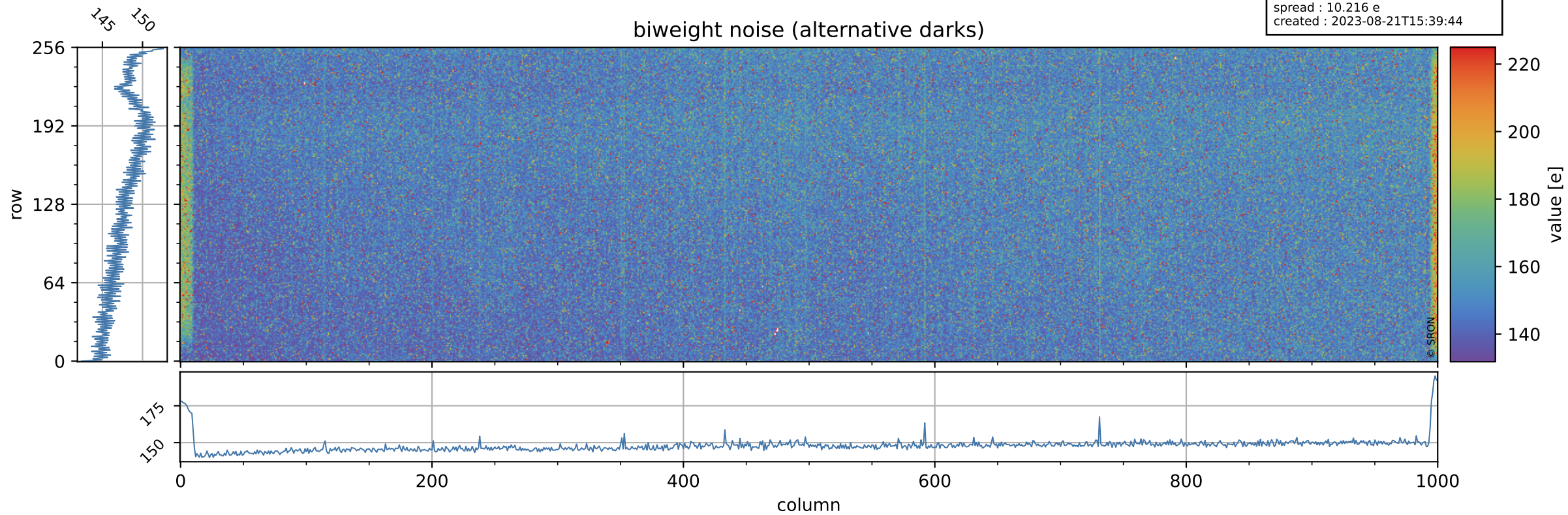
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.216 e
created : 2023-08-21T15:39:44

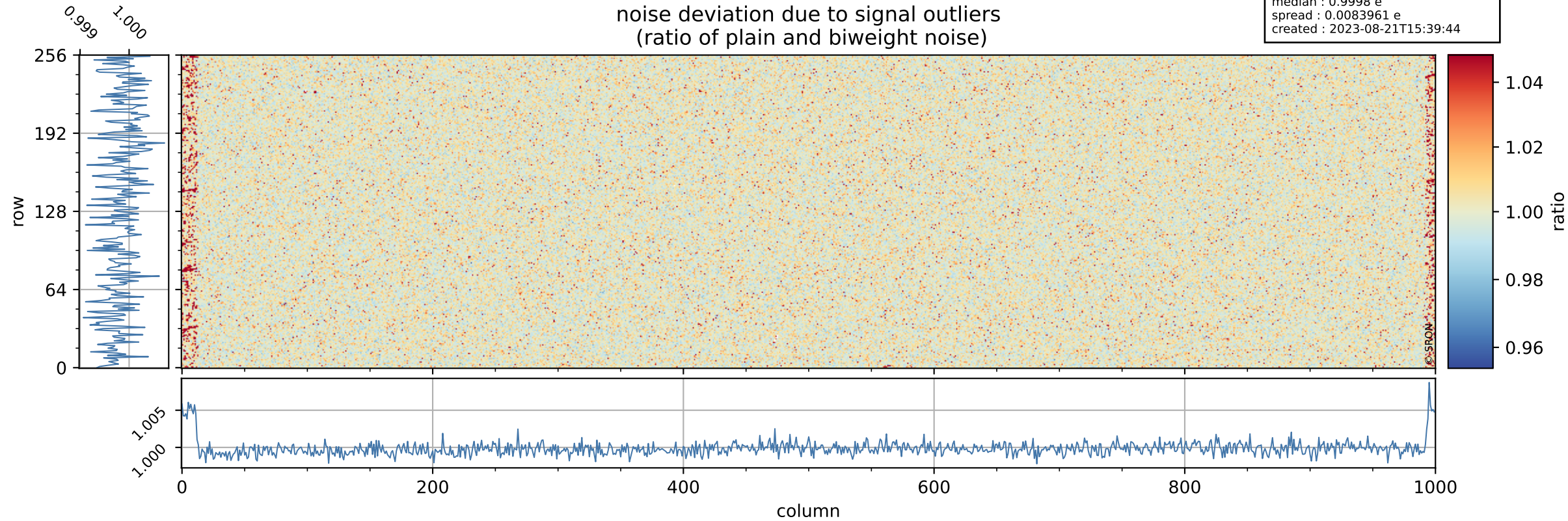
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

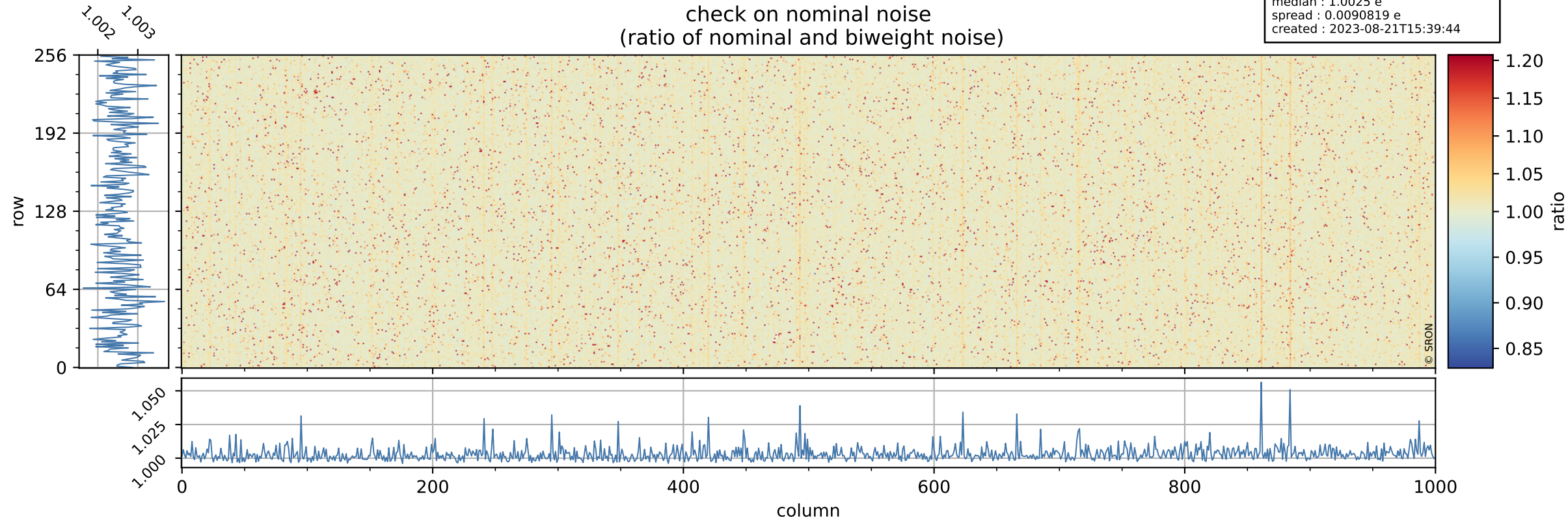
orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
median : 0.9998 e
spread : 0.0083961 e
created : 2023-08-21T15:39:44



Tropomi SWIR background noise (swir)

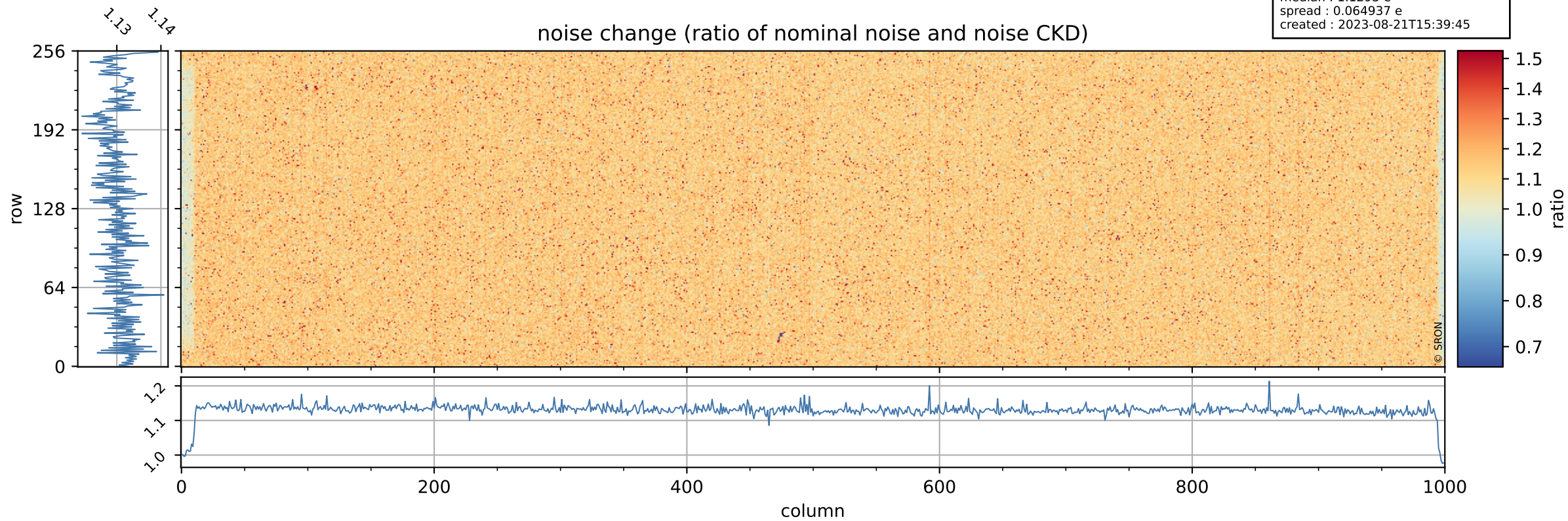
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
median : 1.0025 e
spread : 0.0090819 e
created : 2023-08-21T15:39:44



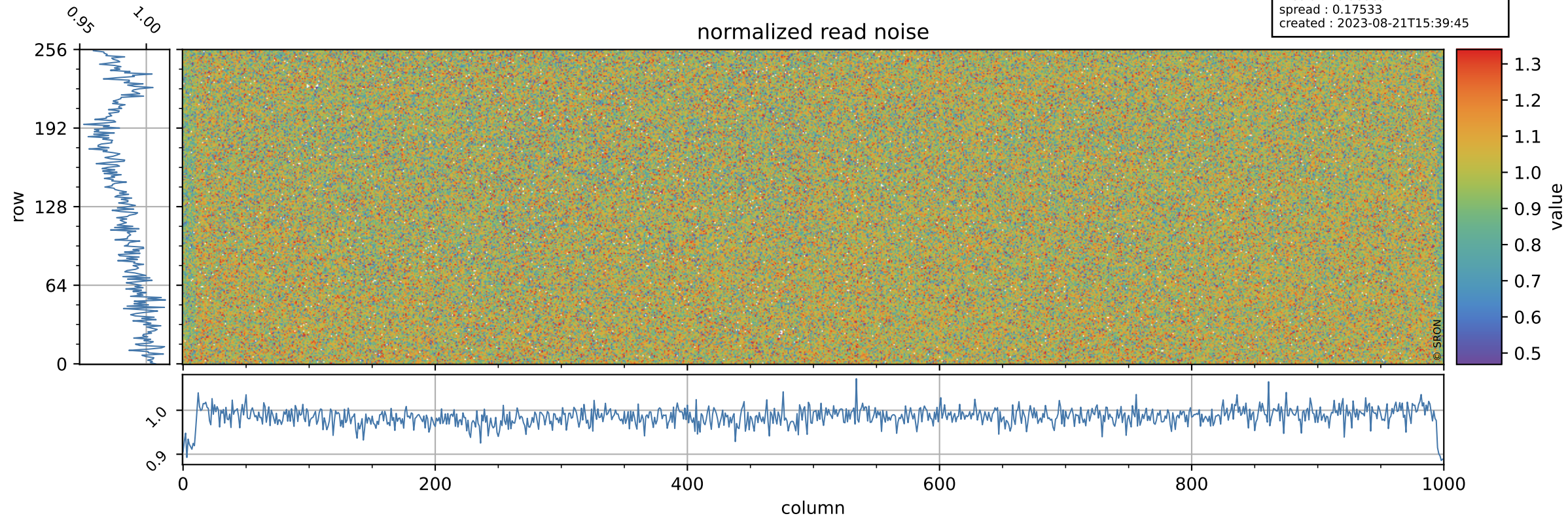
Tropomi SWIR background noise (swir)

orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
median : 1.1293 e
spread : 0.064937 e
created : 2023-08-21T15:39:45



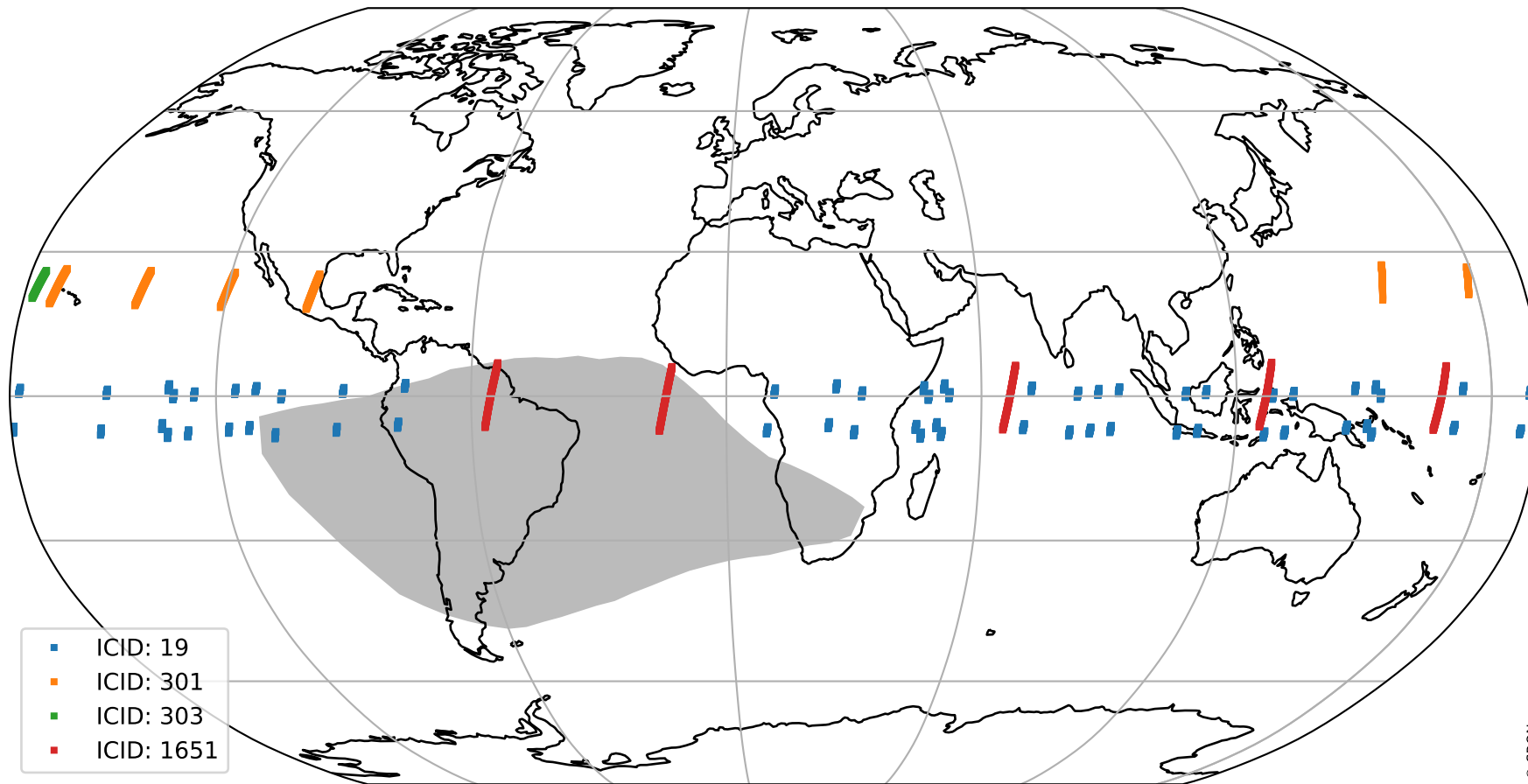
Tropomi SWIR background noise (swir)

orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
median : 0.98366
spread : 0.17533
created : 2023-08-21T15:39:45



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

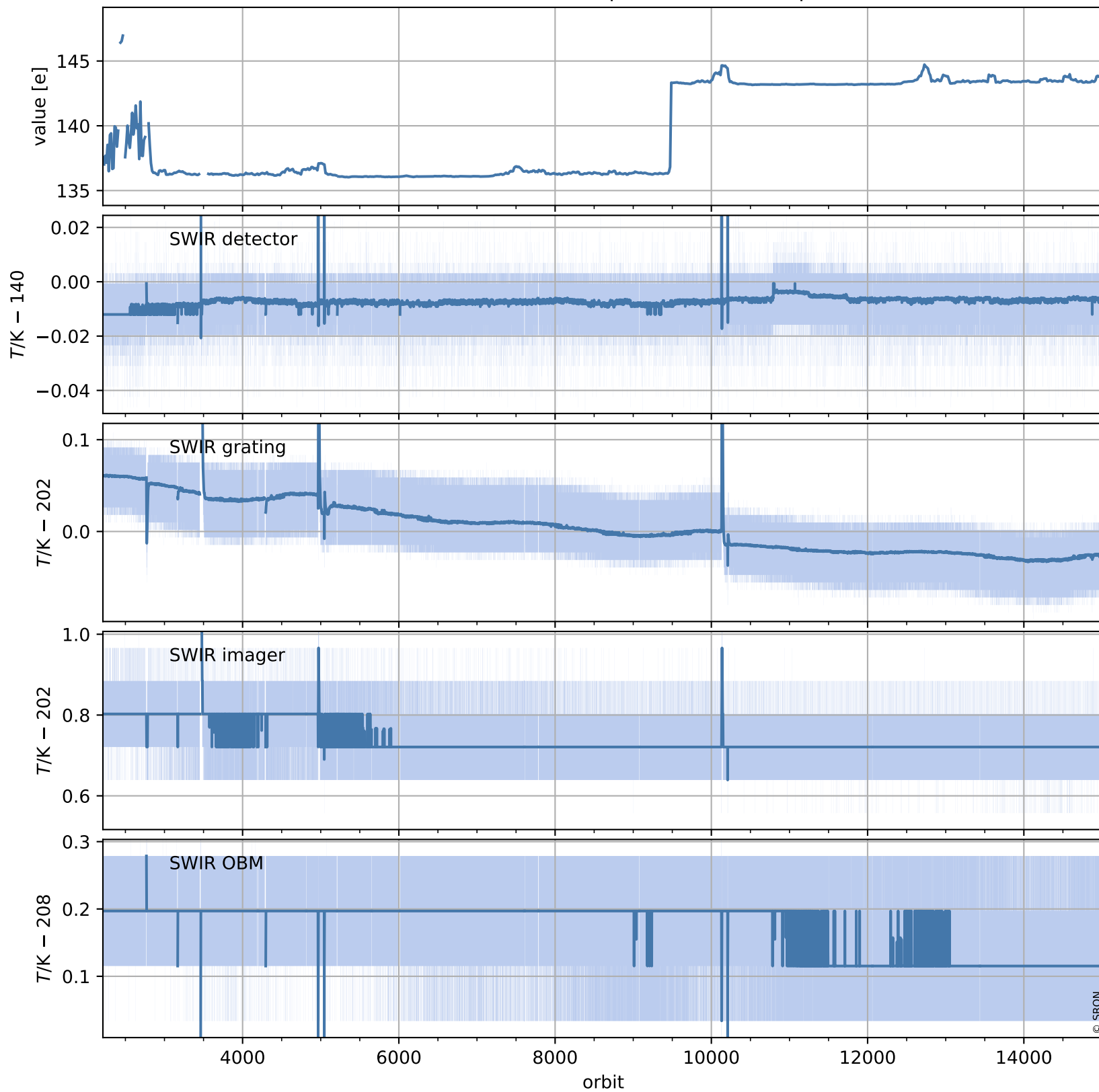
orbits : 12 in [14932, 15022]
coverage : 2020-08-31 / 2020-09-05
created : 2023-08-21T15:39:45



Tropomi SWIR background noise (swir)

orbits : [2212, 15022]
coverage : 2018-03-18 / 2020-09-05
created : 2023-08-21T15:39:46

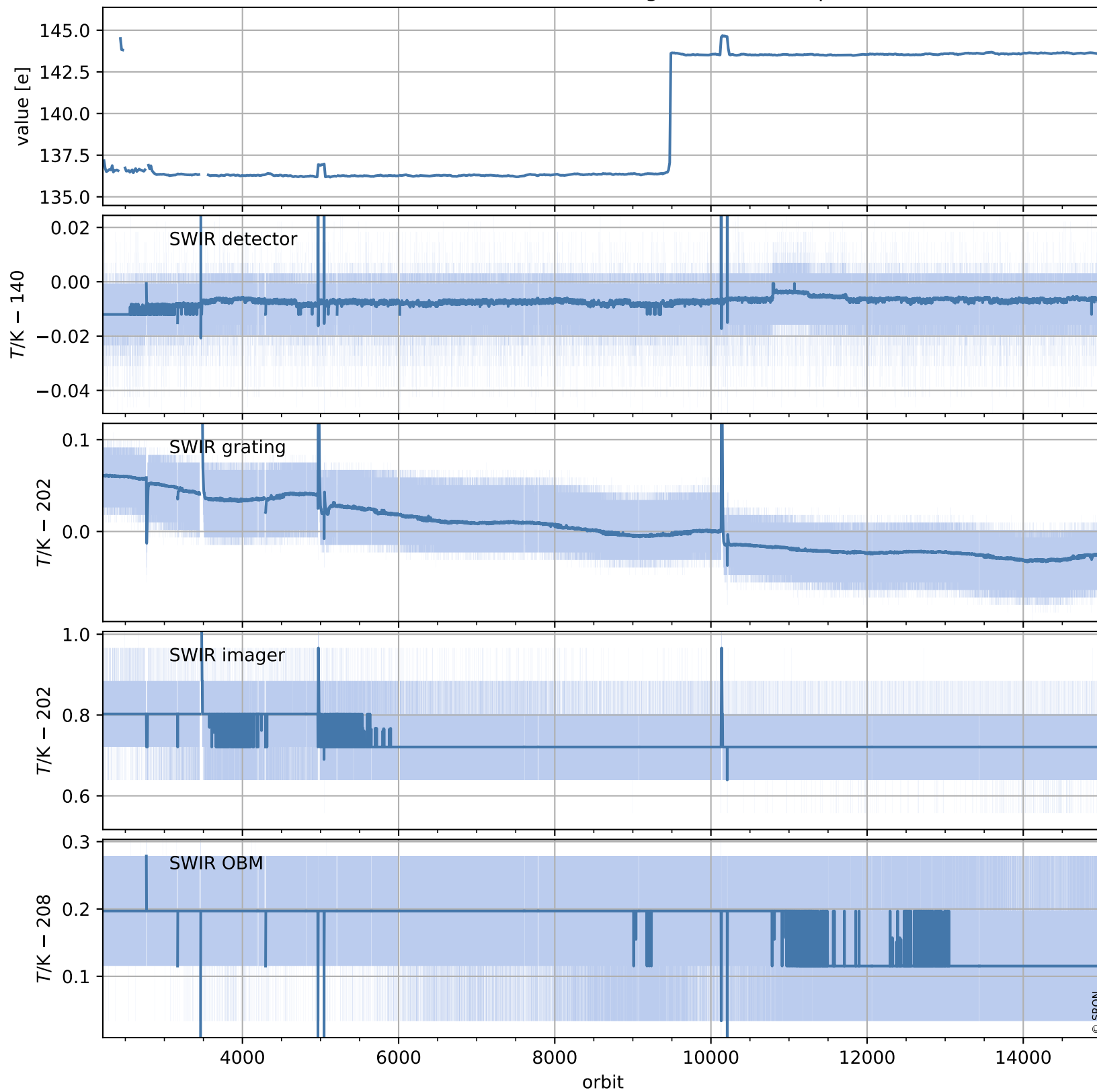
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15022]
coverage : 2018-03-18 / 2020-09-05
created : 2023-08-21T15:39:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15022]
coverage : 2018-03-18 / 2020-09-05
created : 2023-08-21T15:39:47

trend of normalized read-noise & temperatures

