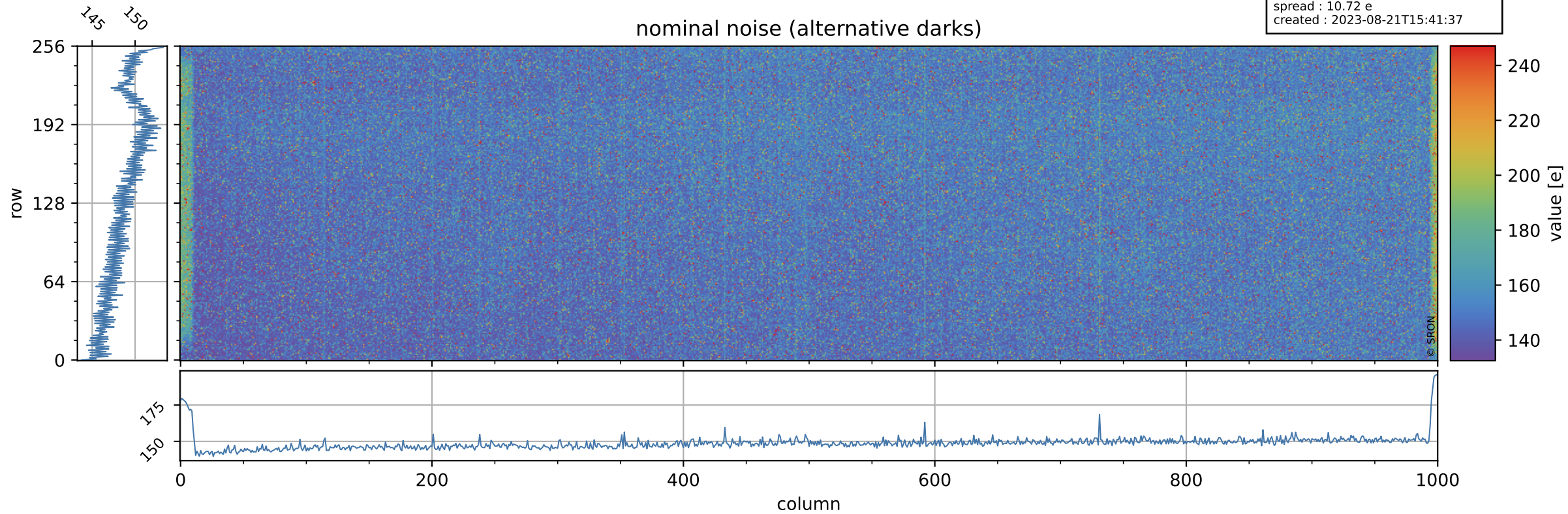


Tropomi SWIR background noise (swir)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.72 e
created : 2023-08-21T15:41:37

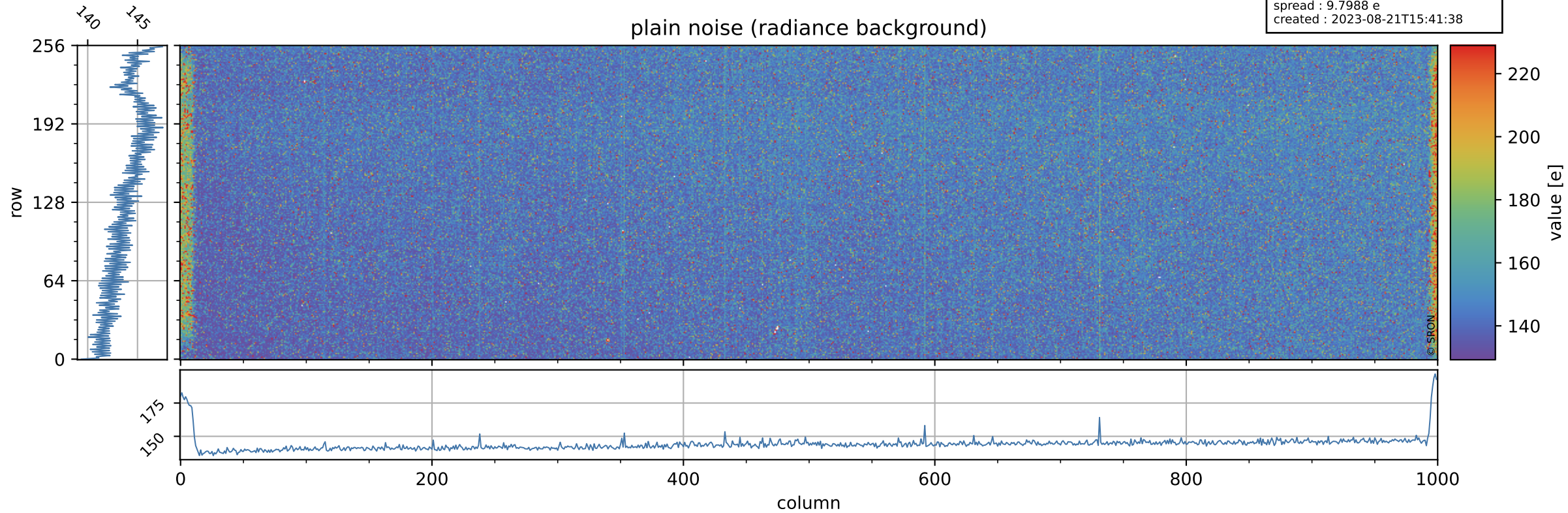
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7988 e
created : 2023-08-21T15:41:38

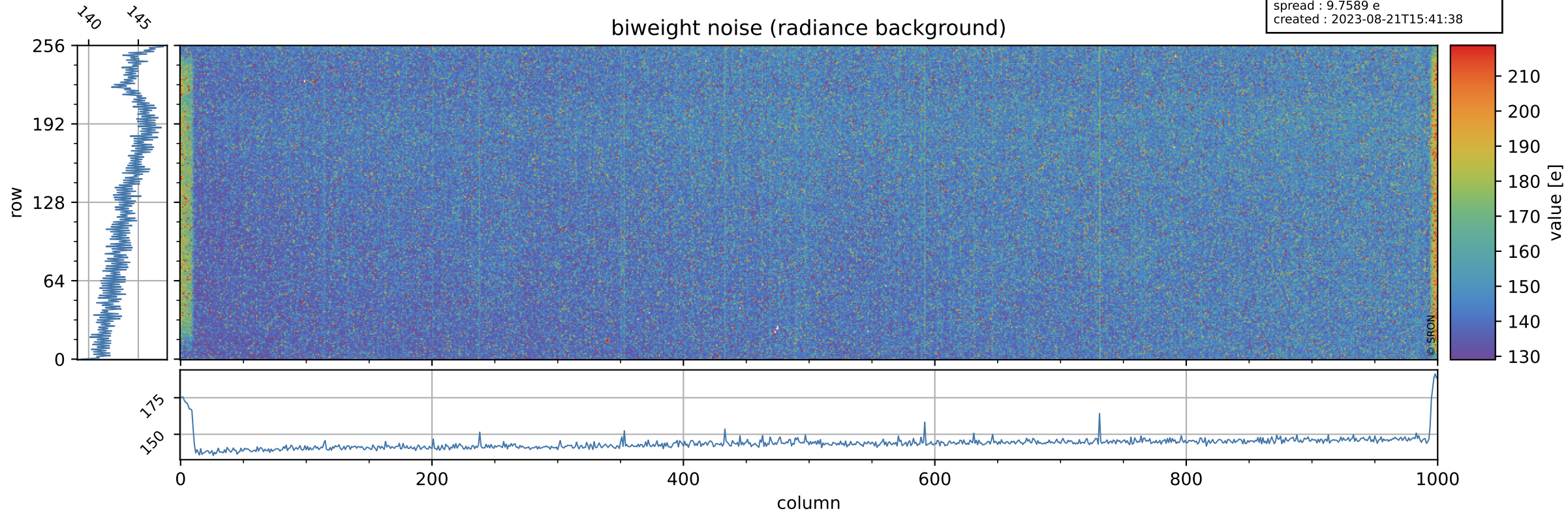
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7589 e
created : 2023-08-21T15:41:38

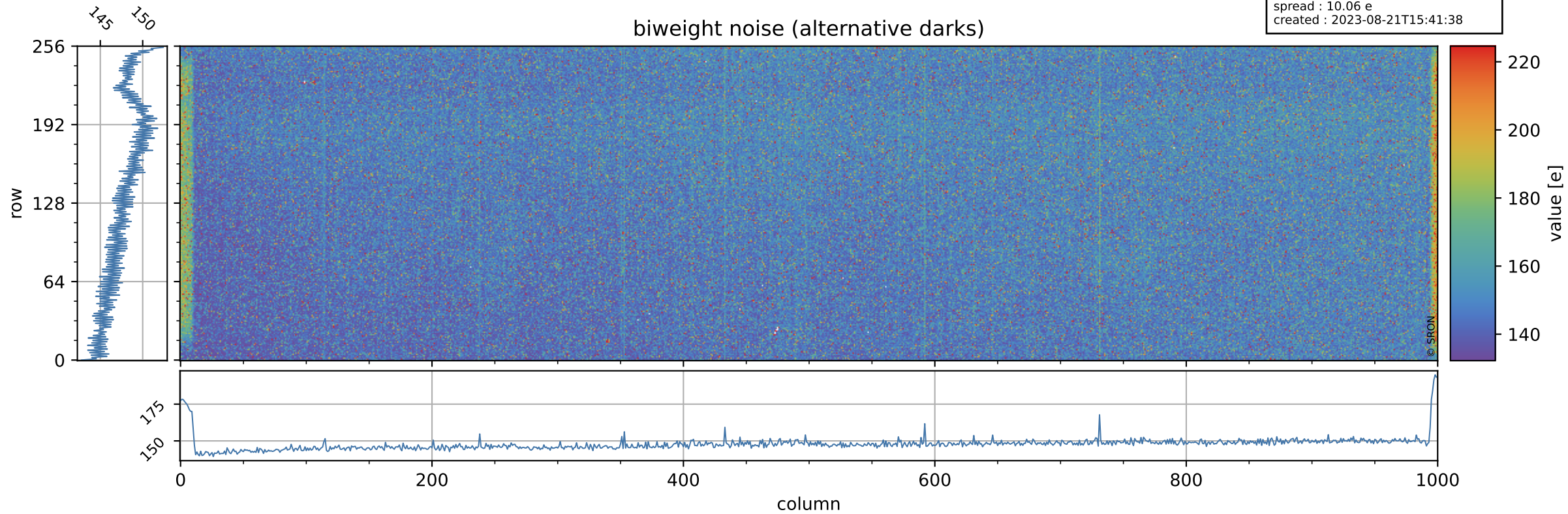
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.06 e
created : 2023-08-21T15:41:38

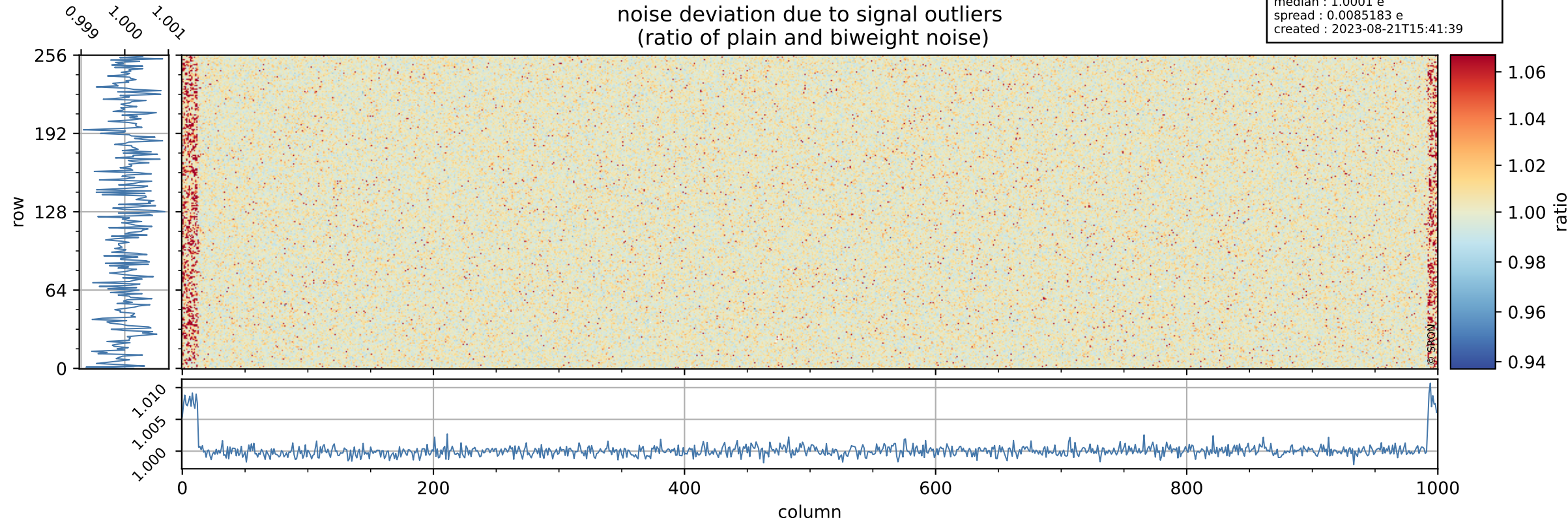
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

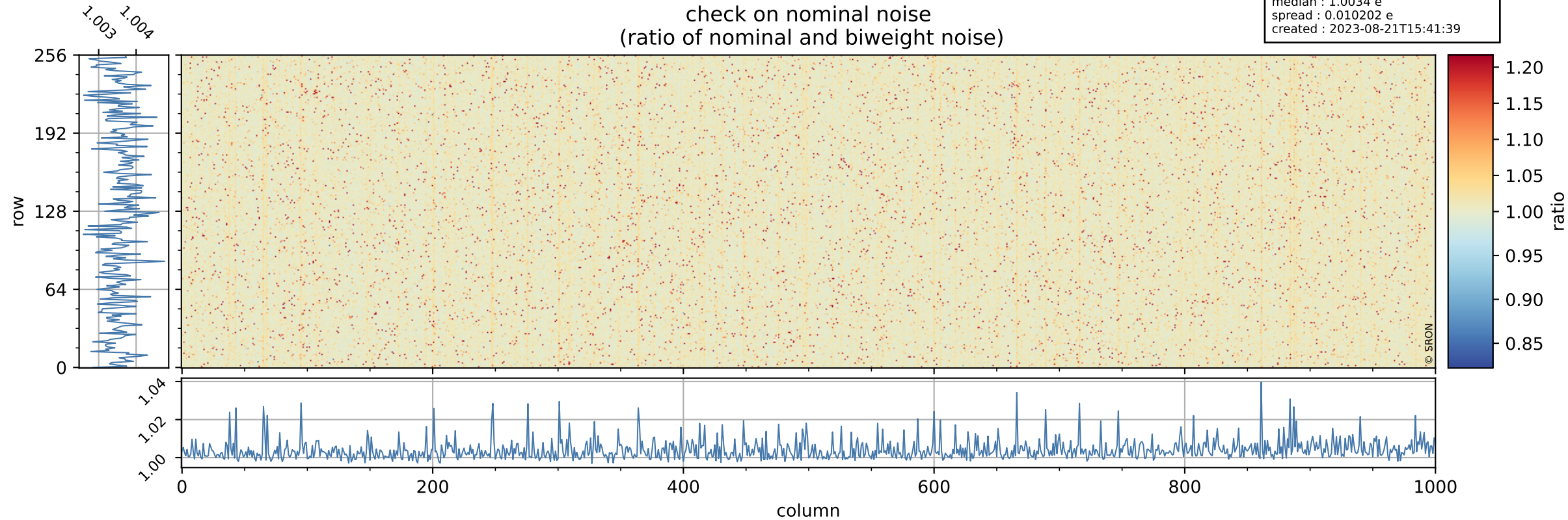
orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
median : 1.0001 e
spread : 0.0085183 e
created : 2023-08-21T15:41:39



Tropomi SWIR background noise (swir)

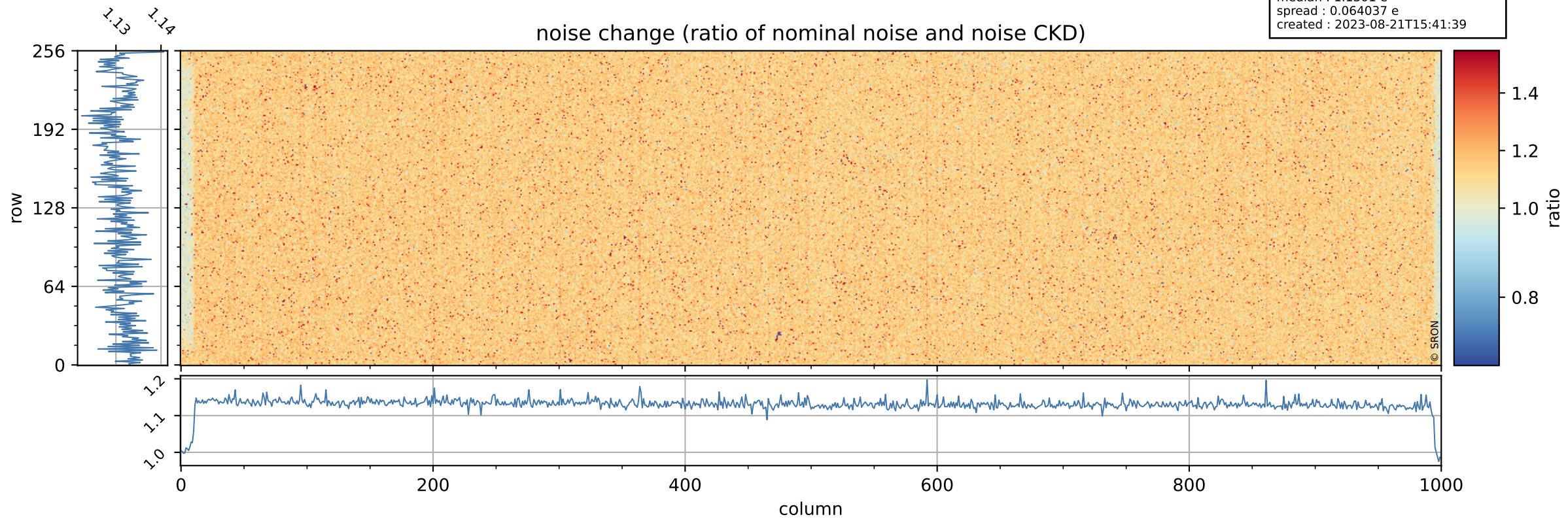
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
median : 1.0034 e
spread : 0.010202 e
created : 2023-08-21T15:41:39



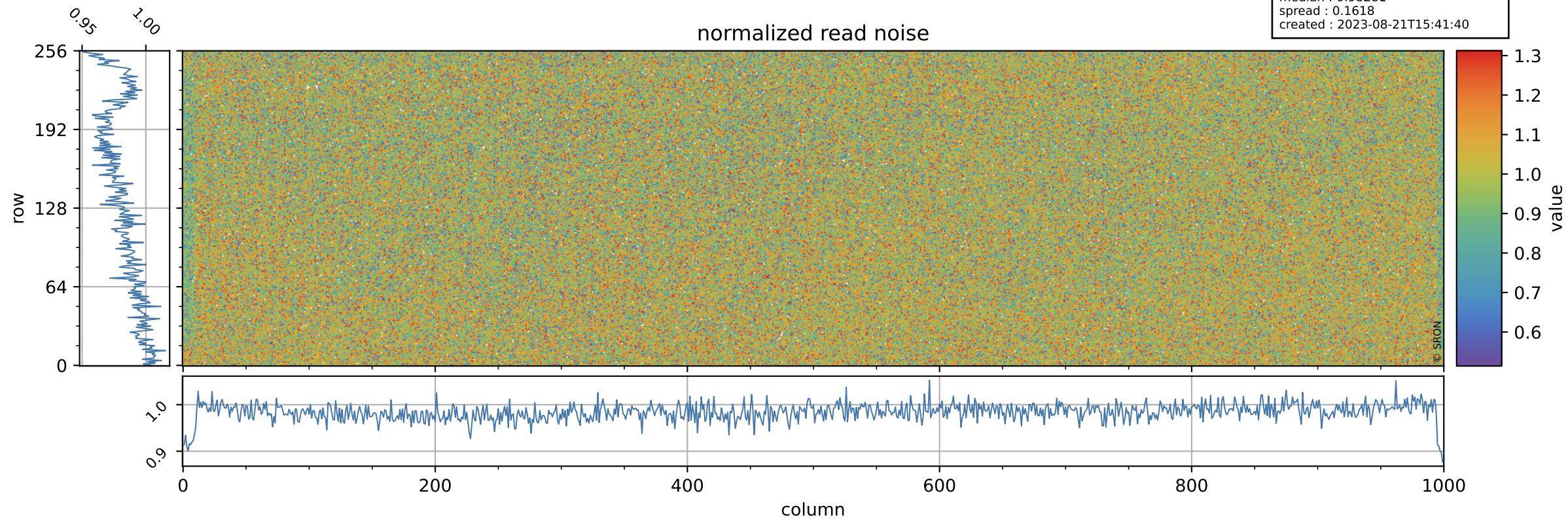
Tropomi SWIR background noise (swir)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
median : 1.1301 e
spread : 0.064037 e
created : 2023-08-21T15:41:39



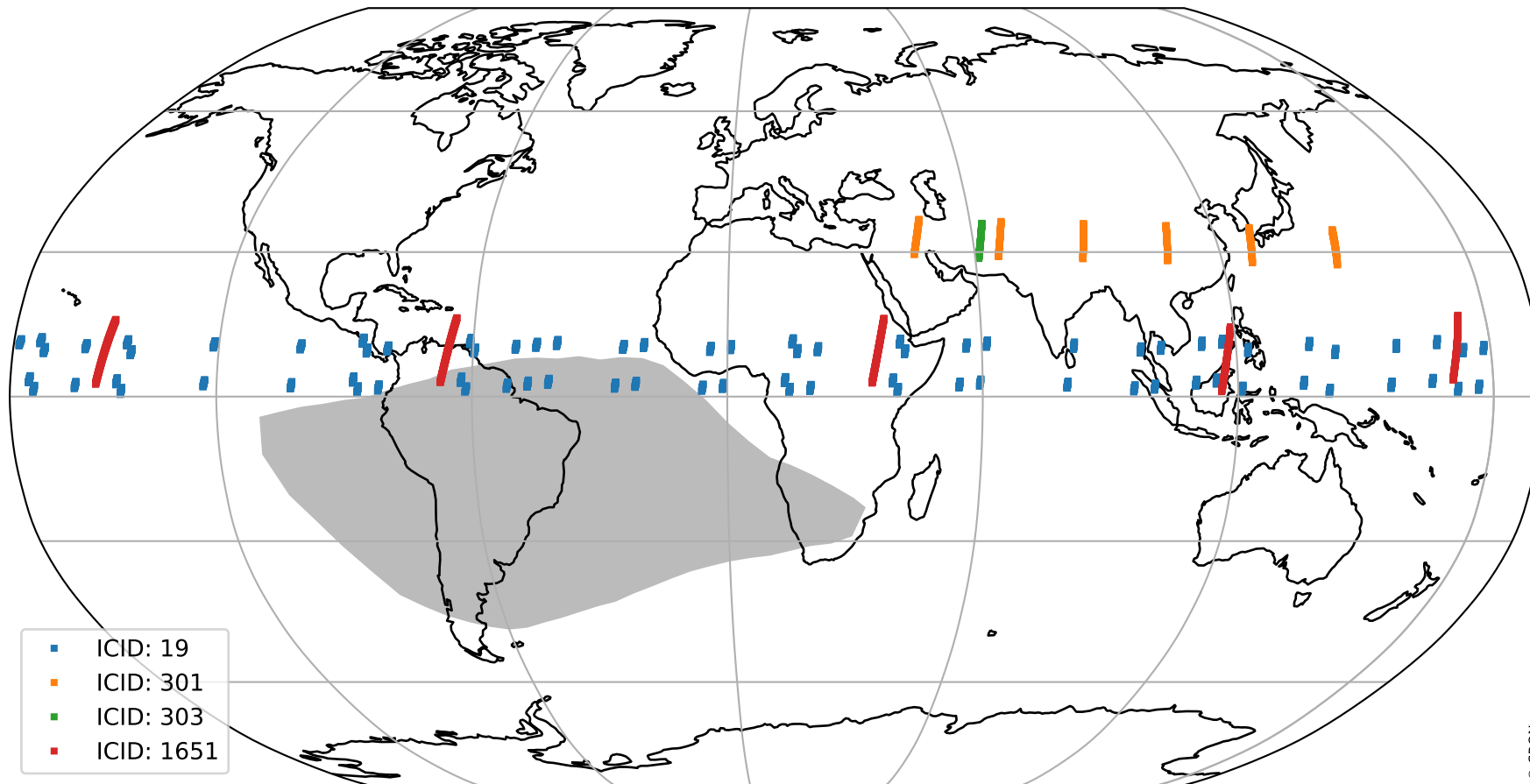
Tropomi SWIR background noise (swir)

orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
median : 0.98281
spread : 0.1618
created : 2023-08-21T15:41:40



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

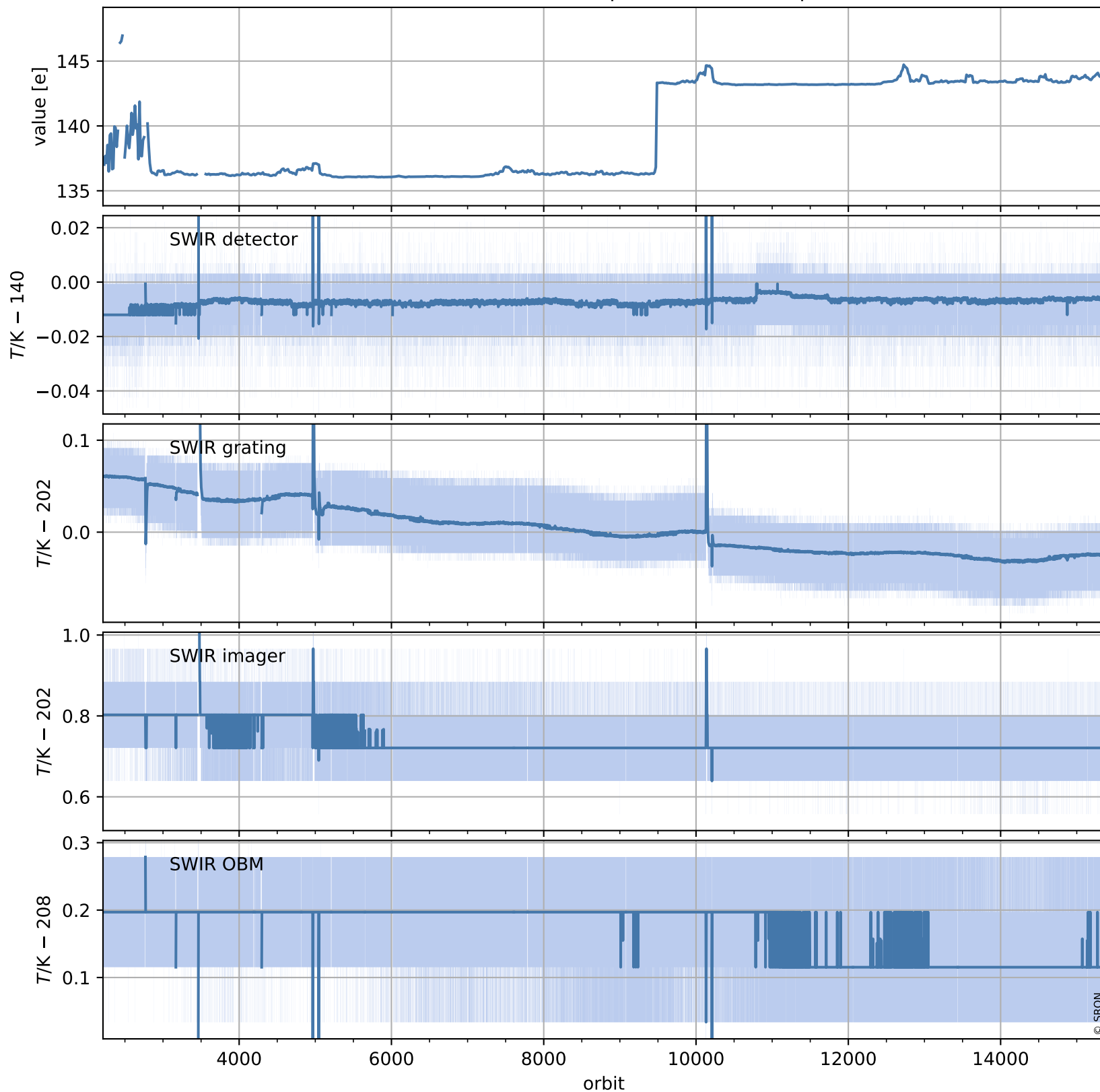
orbits : 12 in [15277, 15367]
coverage : 2020-09-24 / 2020-09-30
created : 2023-08-21T15:41:40



Tropomi SWIR background noise (swir)

orbits : [2212, 15367]
coverage : 2018-03-18 / 2020-09-30
created : 2023-08-21T15:41:40

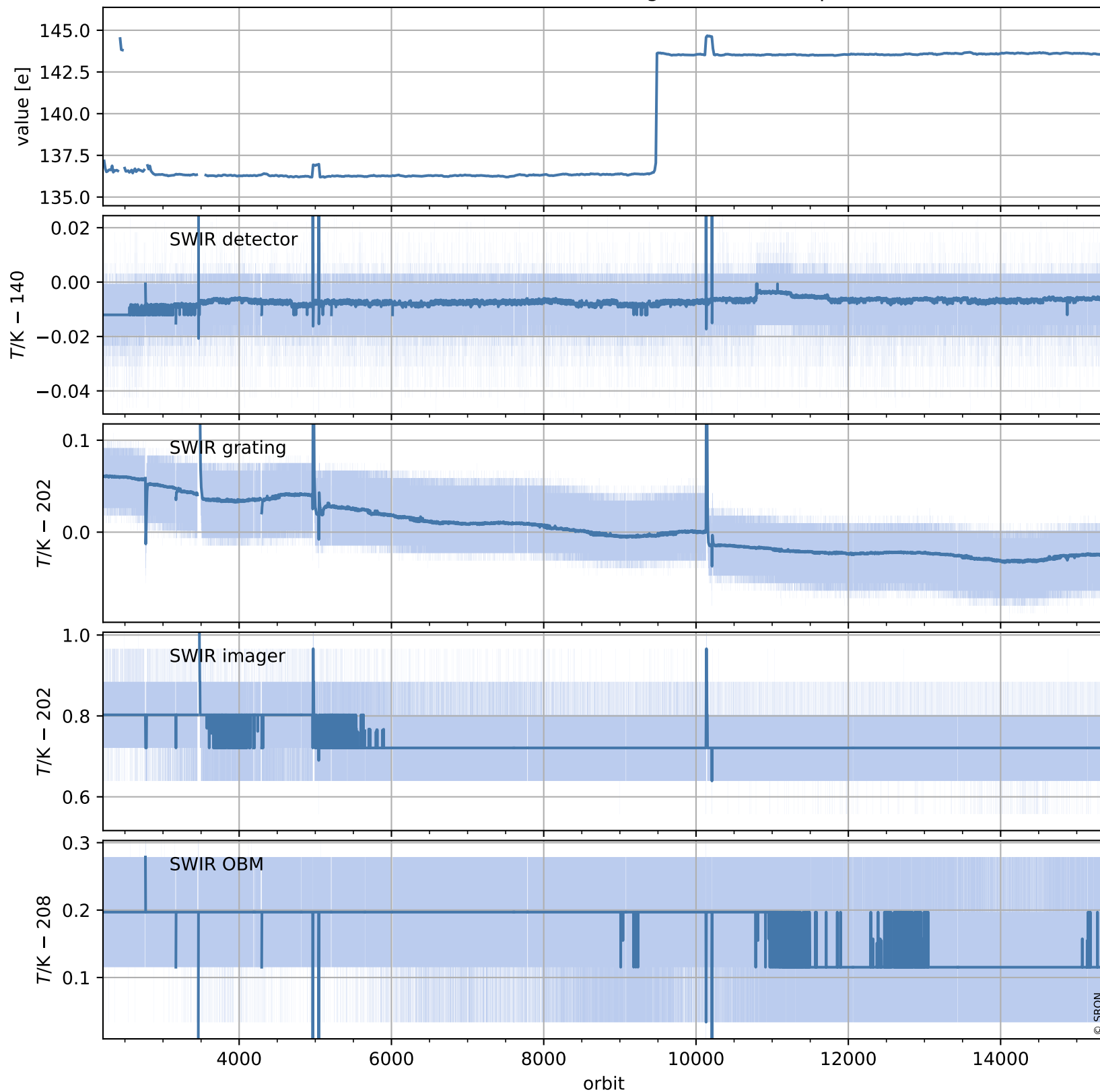
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15367]
coverage : 2018-03-18 / 2020-09-30
created : 2023-08-21T15:41:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15367]
coverage : 2018-03-18 / 2020-09-30
created : 2023-08-21T15:41:42

trend of normalized read-noise & temperatures

