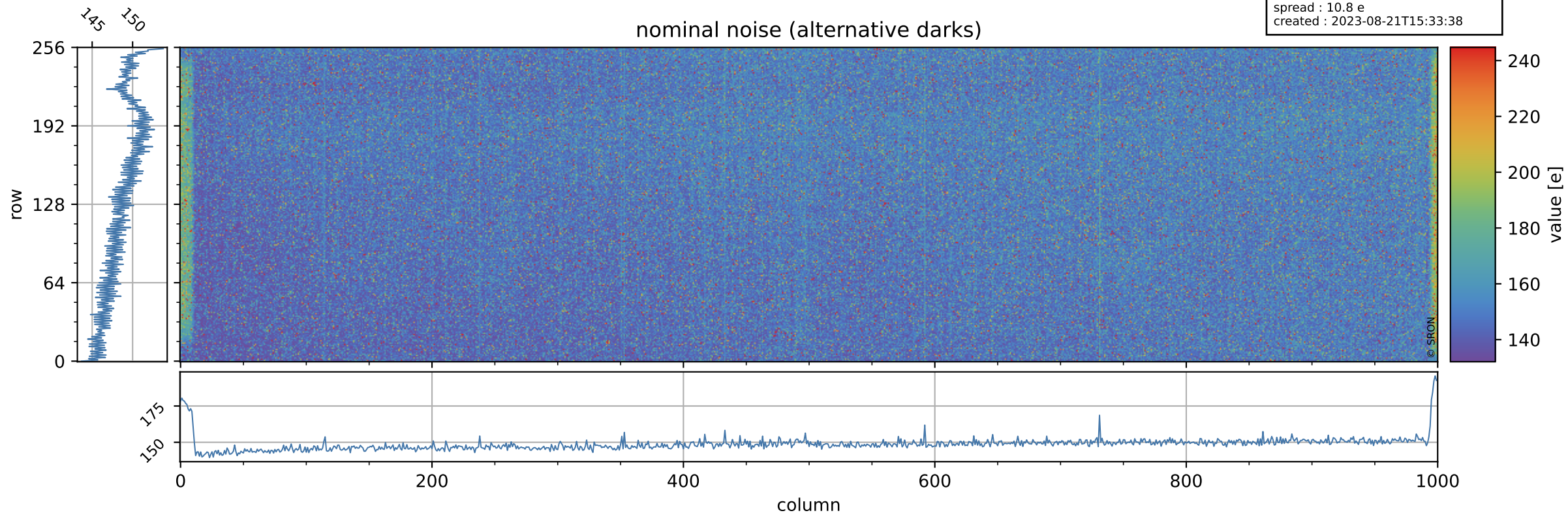


Tropomi SWIR background noise (swir)

orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.8 e
created : 2023-08-21T15:33:38

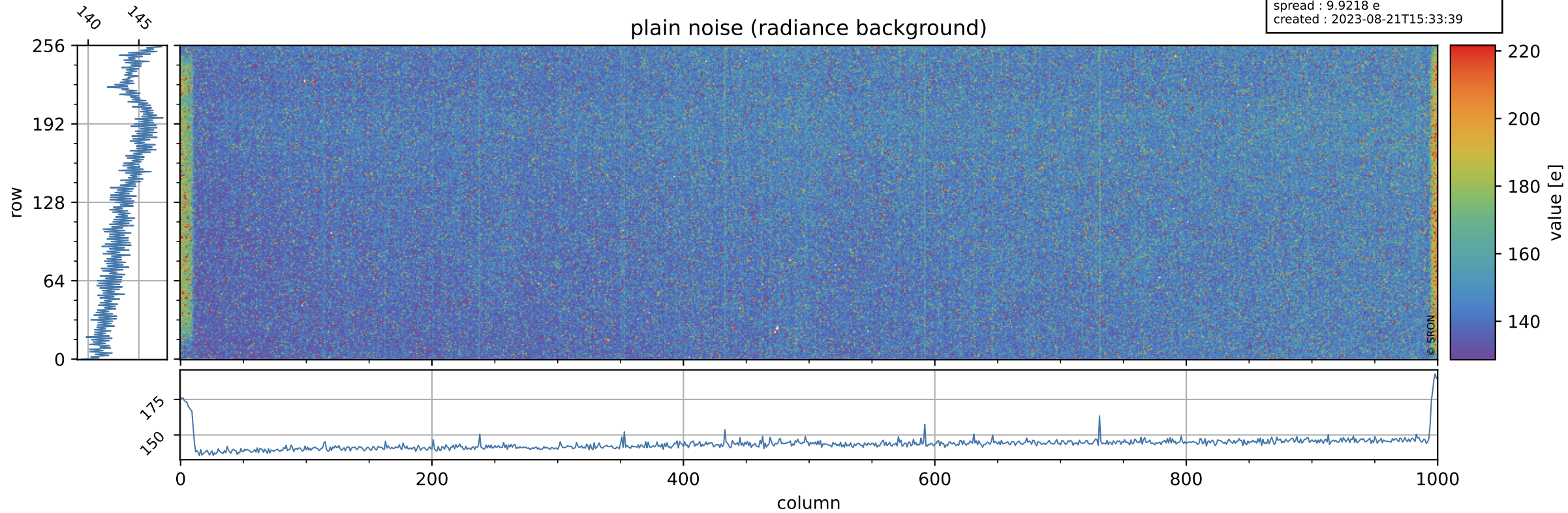
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9218 e
created : 2023-08-21T15:33:39

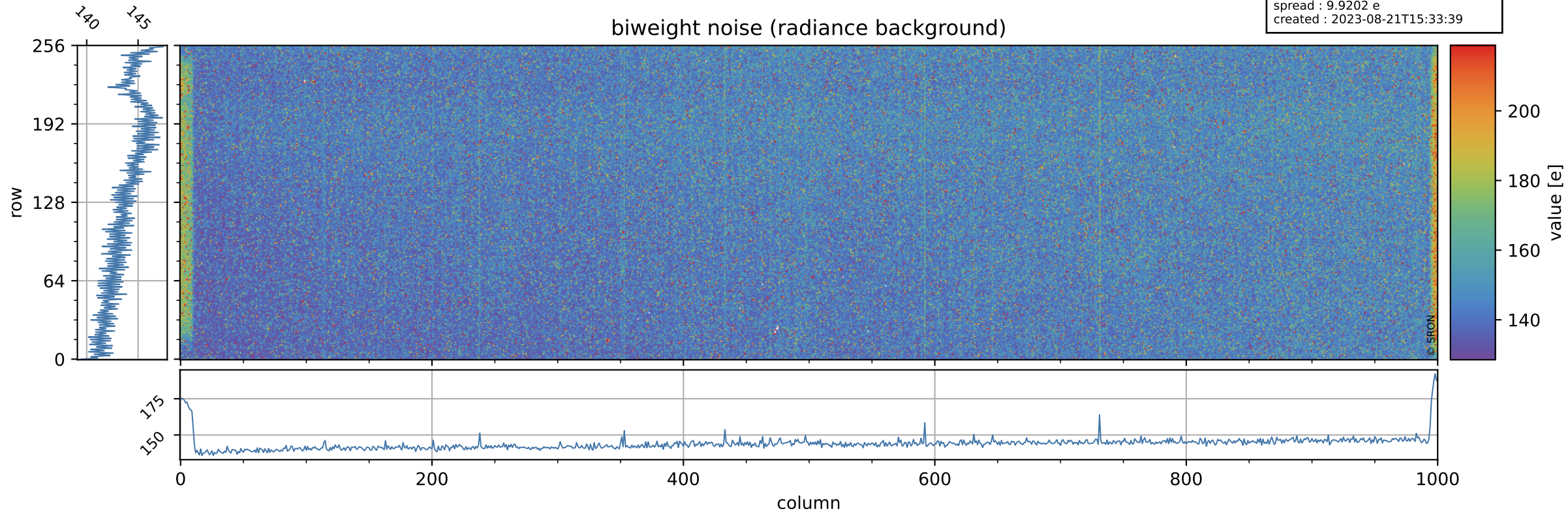
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.9202 e
created : 2023-08-21T15:33:39

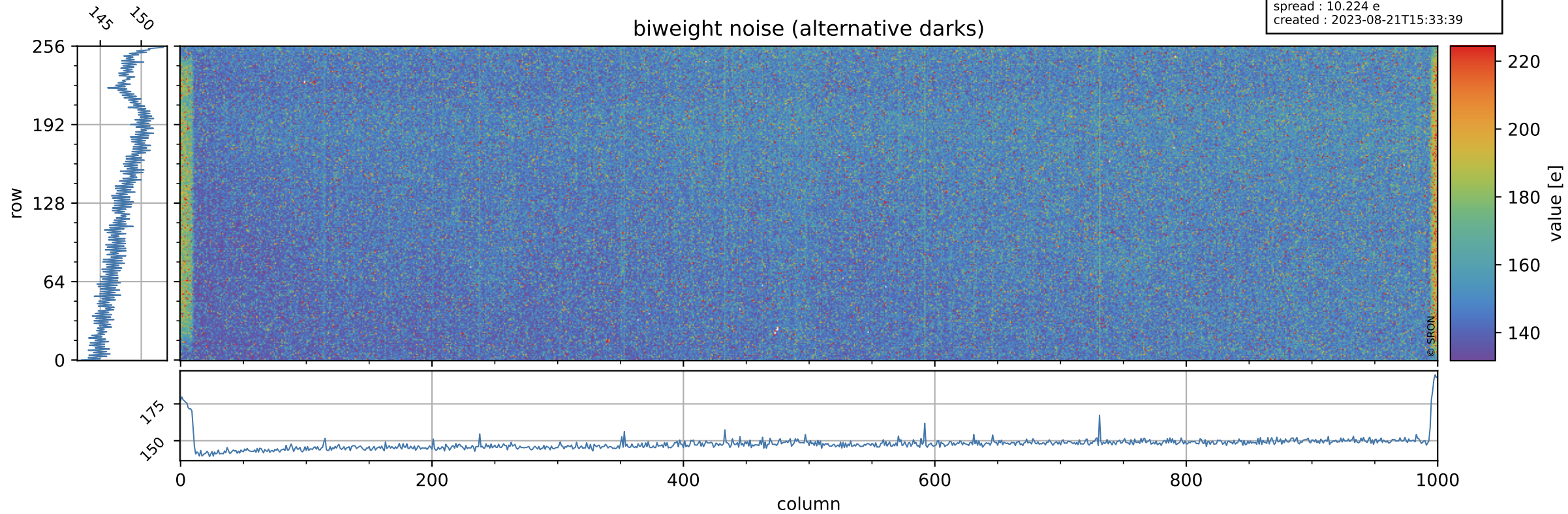
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.224 e
created : 2023-08-21T15:33:39

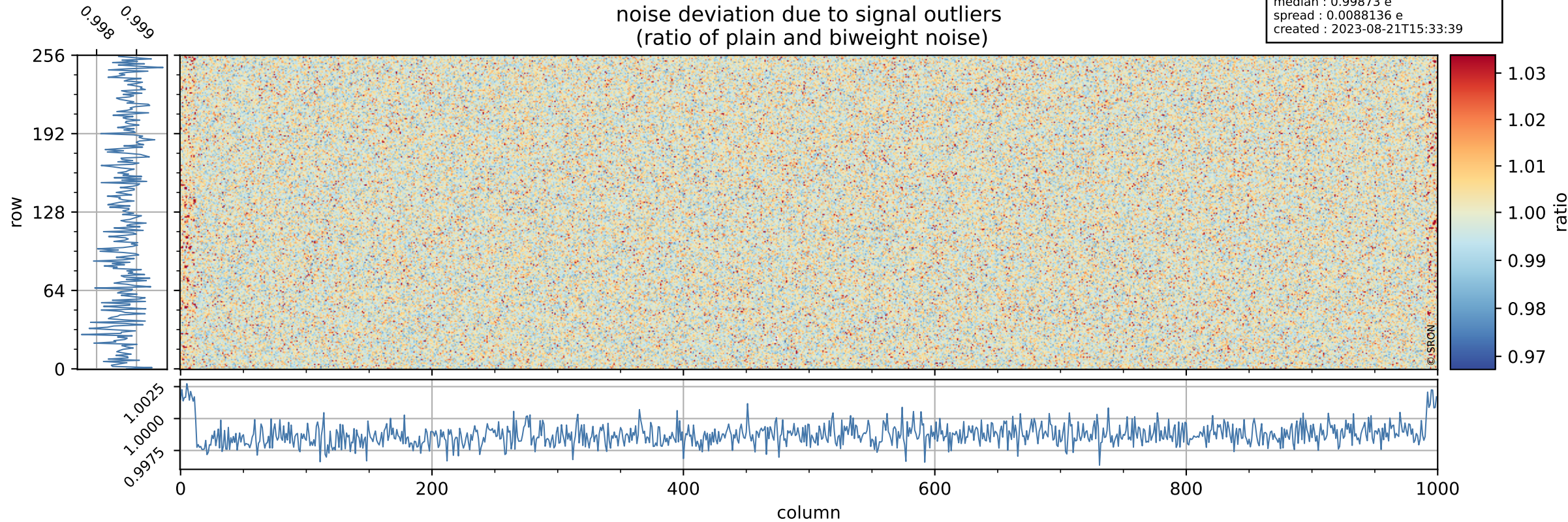
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

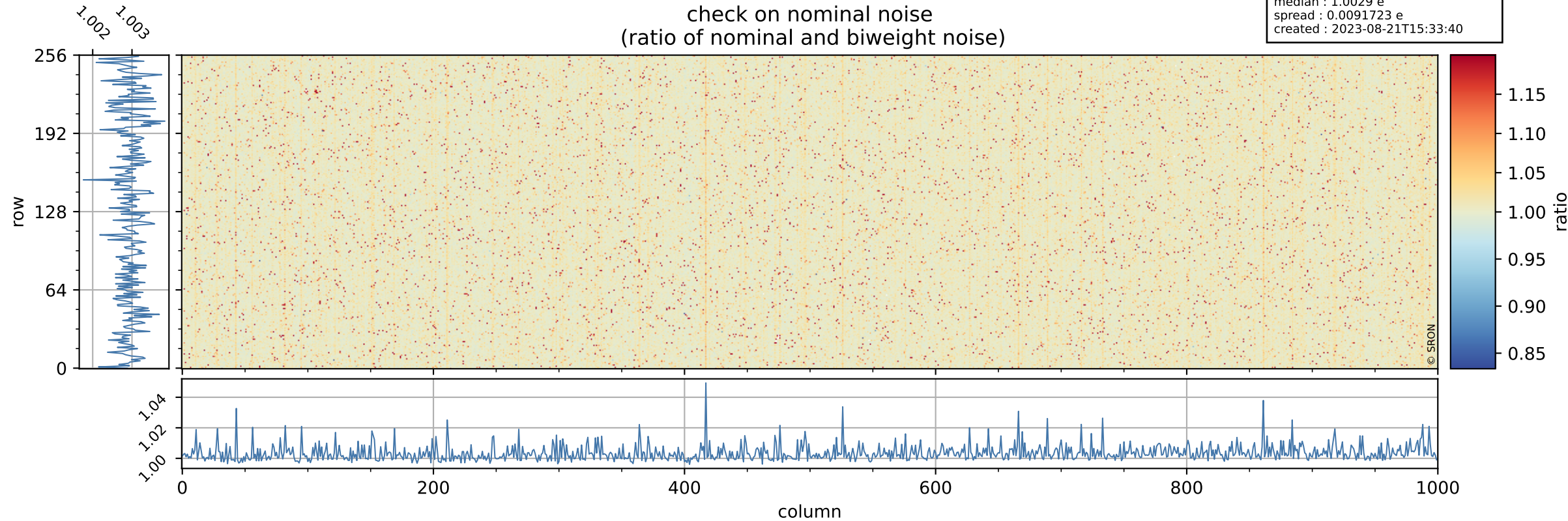
orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
median : 0.99873 e
spread : 0.0088136 e
created : 2023-08-21T15:33:39



Tropomi SWIR background noise (swir)

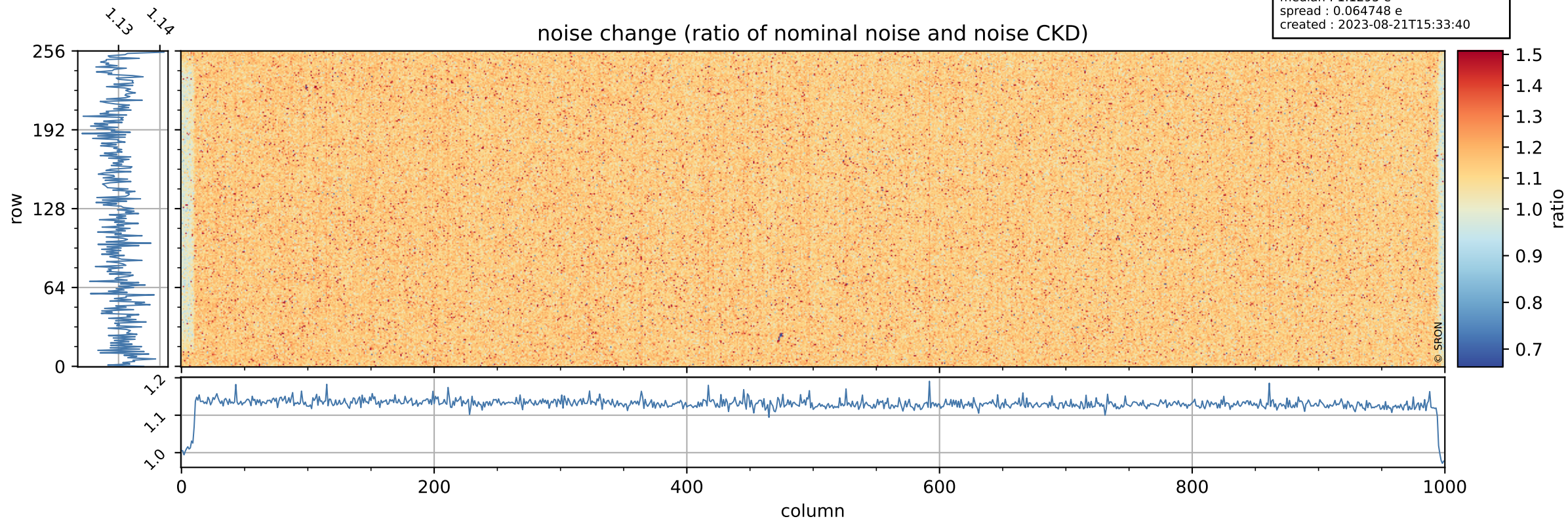
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
median : 1.0029 e
spread : 0.0091723 e
created : 2023-08-21T15:33:40



Tropomi SWIR background noise (swir)

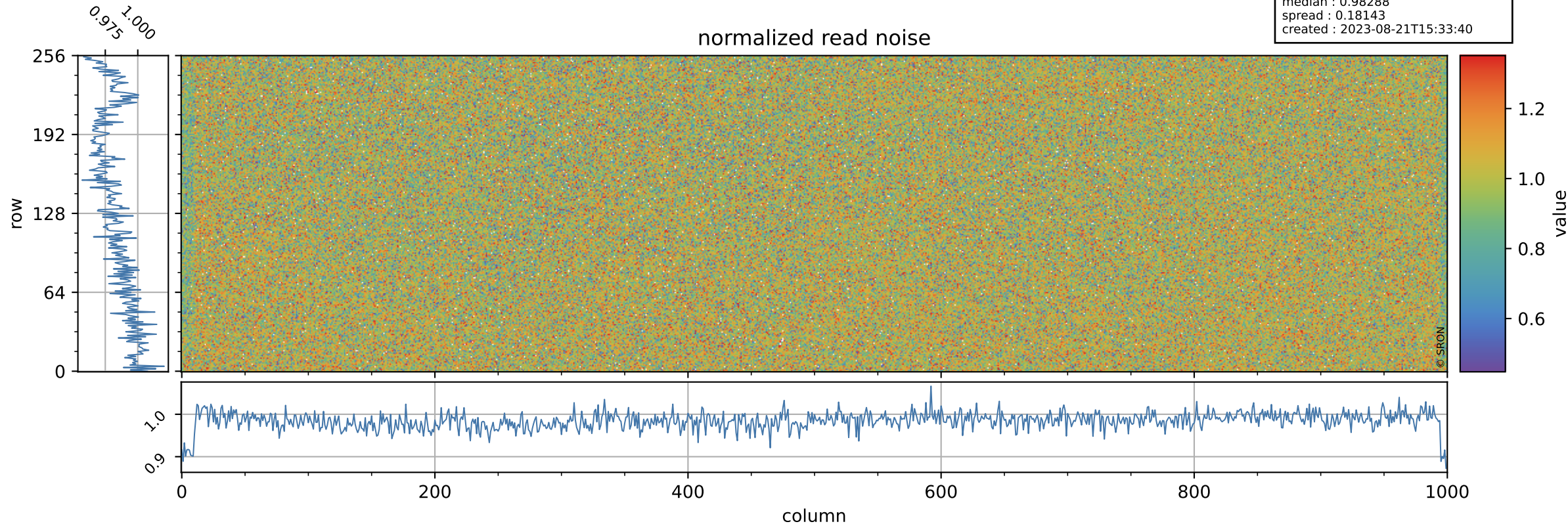
orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
median : 1.1295 e
spread : 0.064748 e
created : 2023-08-21T15:33:40



Tropomi SWIR background noise (swir)

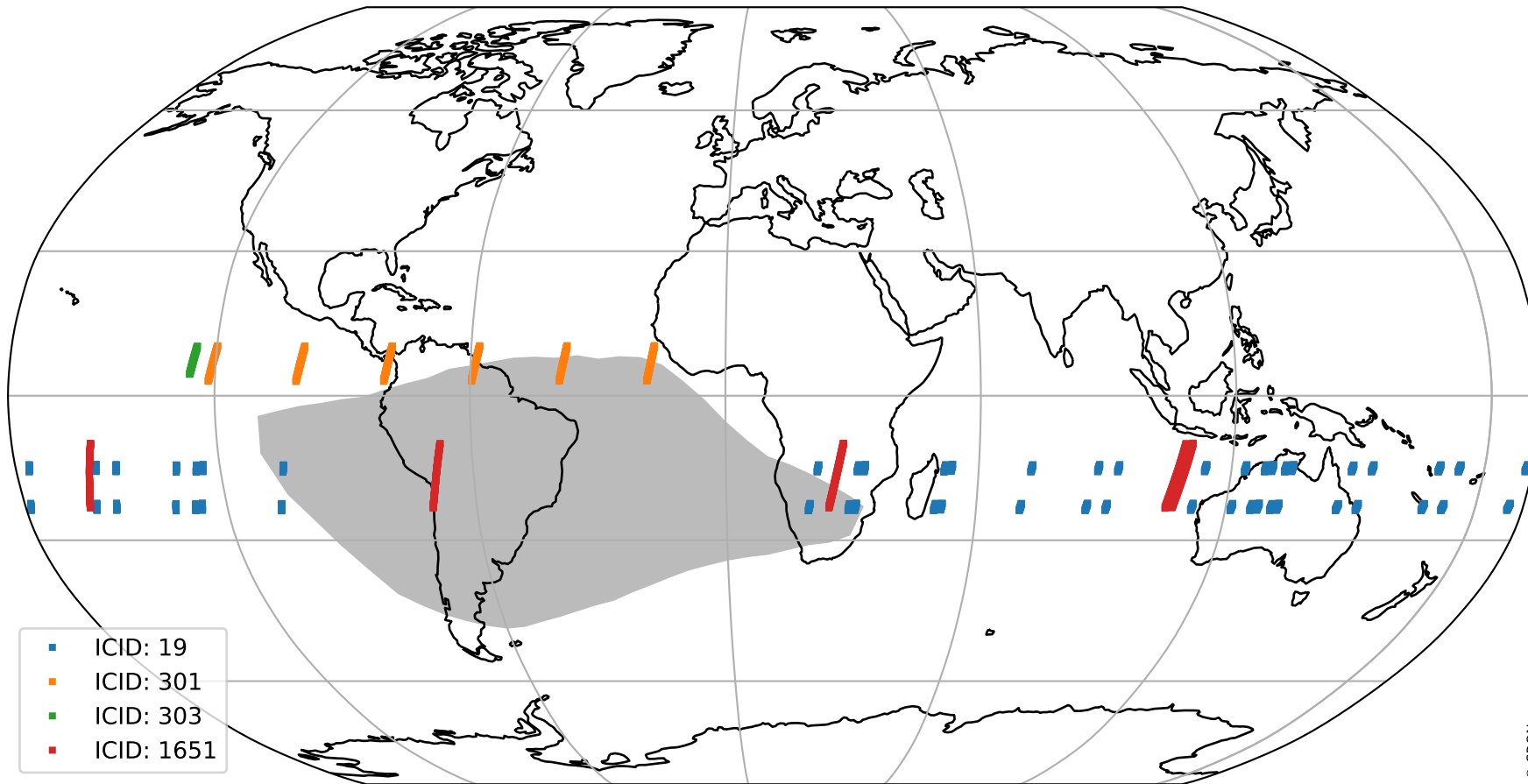
orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
median : 0.98288
spread : 0.18143
created : 2023-08-21T15:33:40

normalized read noise



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

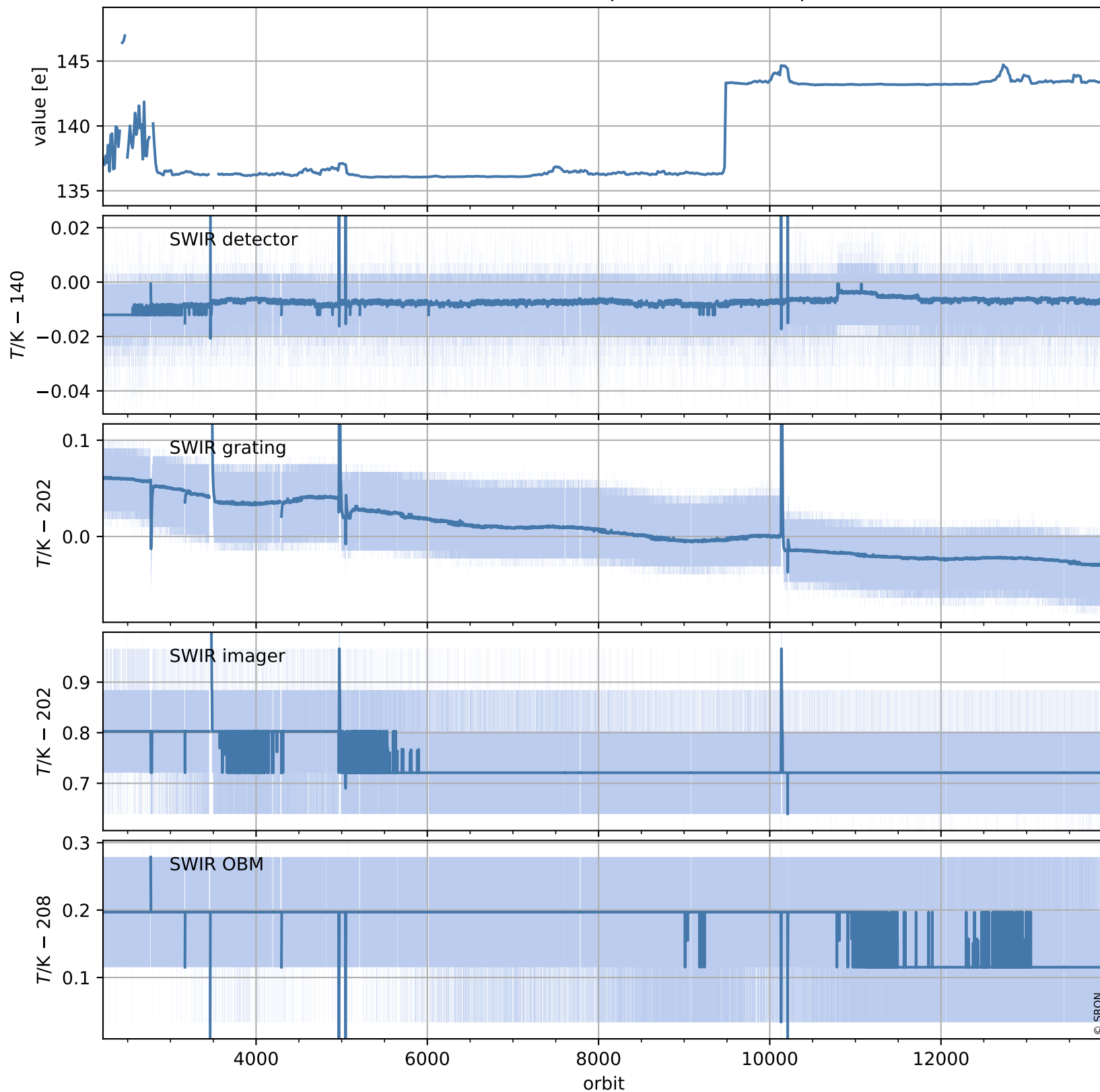
orbits : 12 in [13822, 13912]
coverage : 2020-06-14 / 2020-06-19
created : 2023-08-21T15:33:41



Tropomi SWIR background noise (swir)

orbits : [2212, 13912]
coverage : 2018-03-18 / 2020-06-19
created : 2023-08-21T15:33:41

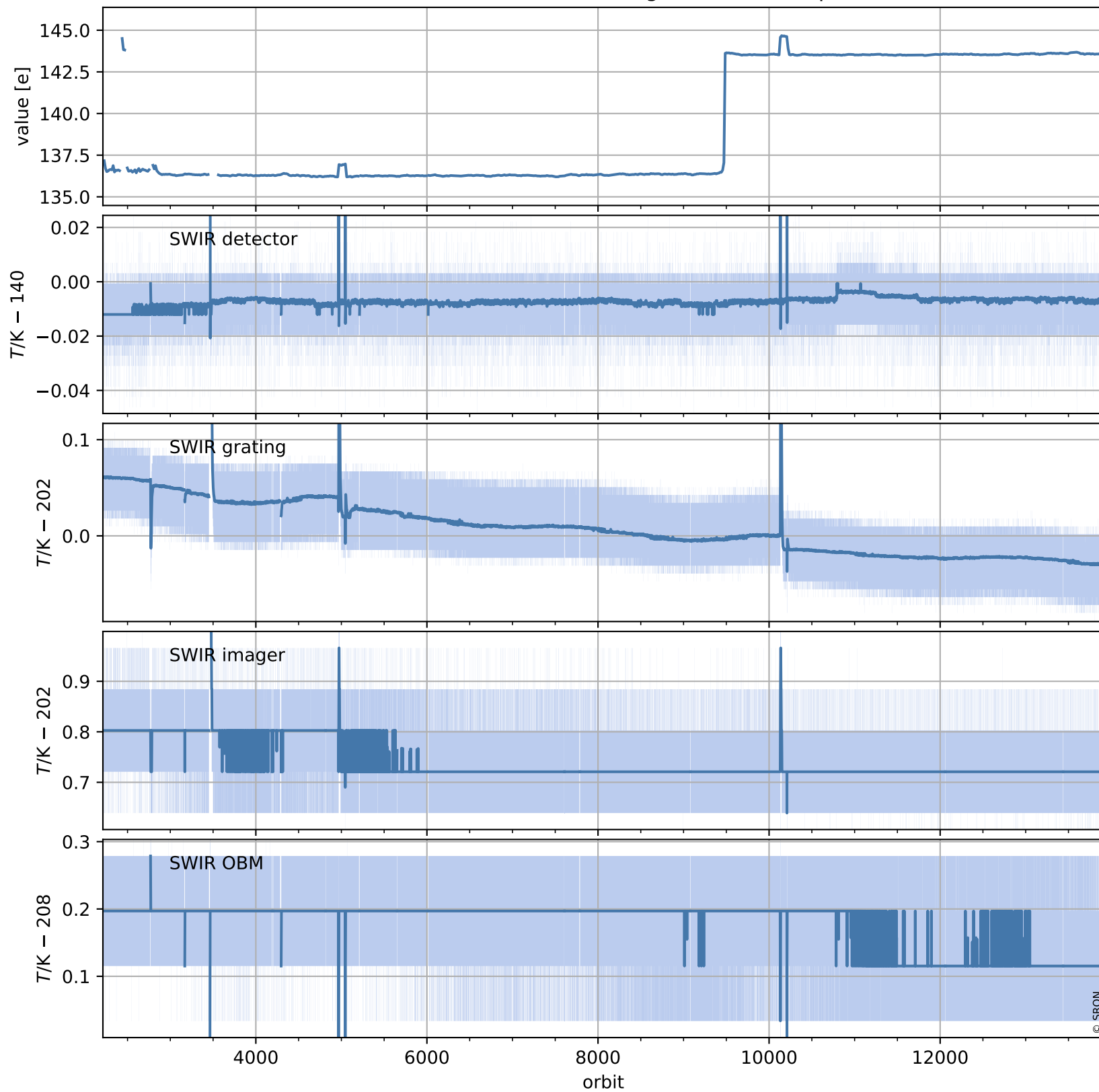
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13912]
coverage : 2018-03-18 / 2020-06-19
created : 2023-08-21T15:33:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13912]
coverage : 2018-03-18 / 2020-06-19
created : 2023-08-21T15:33:42

trend of normalized read-noise & temperatures

