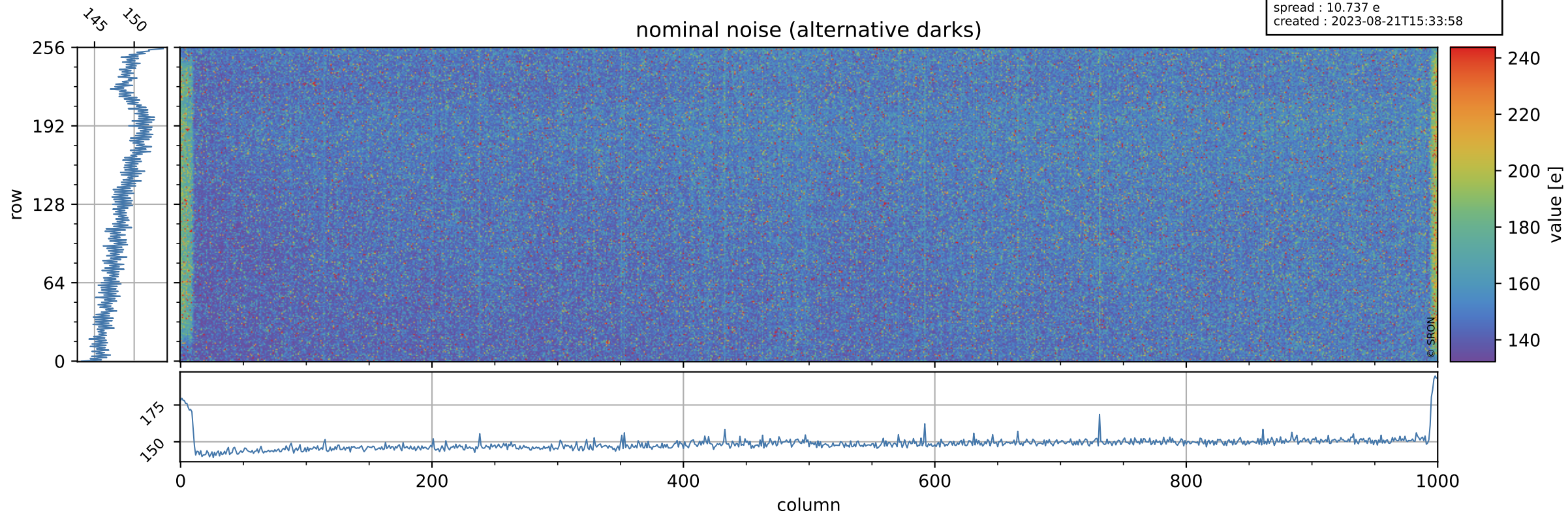


Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.737 e
created : 2023-08-21T15:33:58

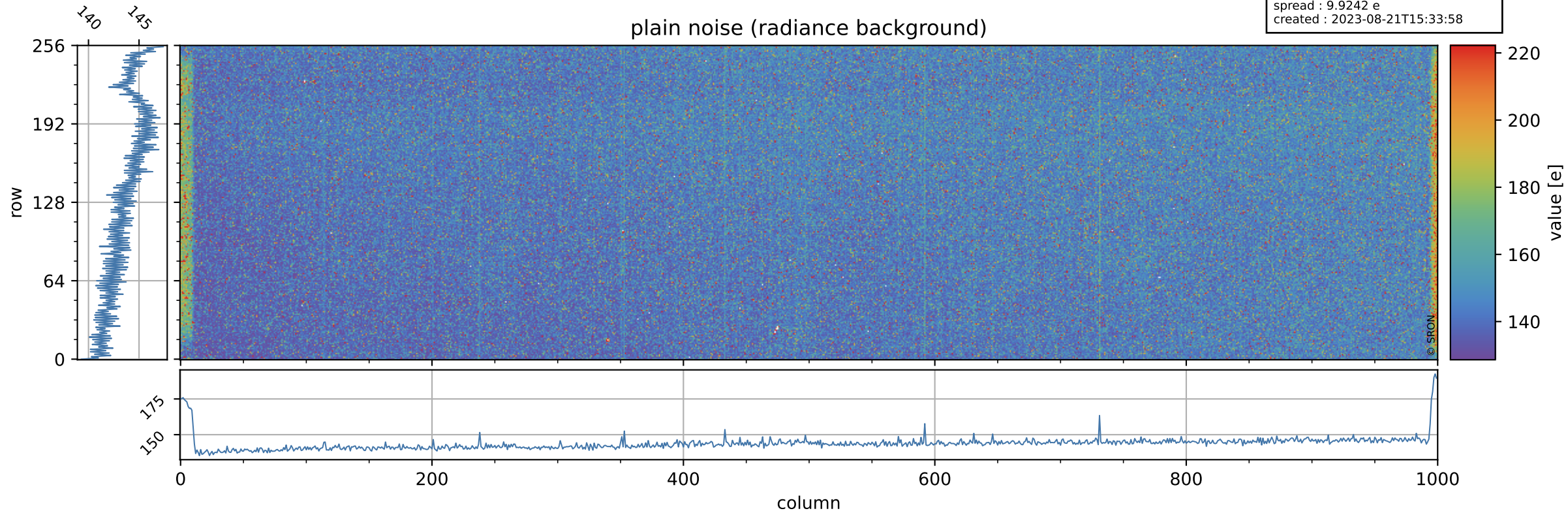
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9242 e
created : 2023-08-21T15:33:58

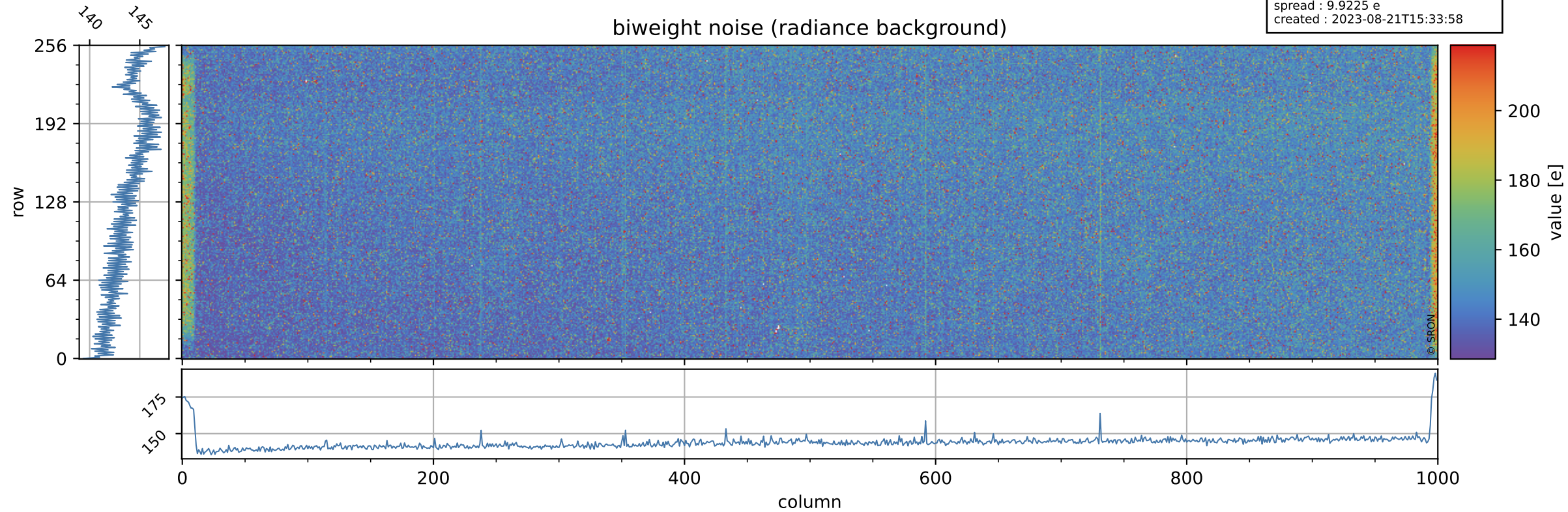
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.9225 e
created : 2023-08-21T15:33:58

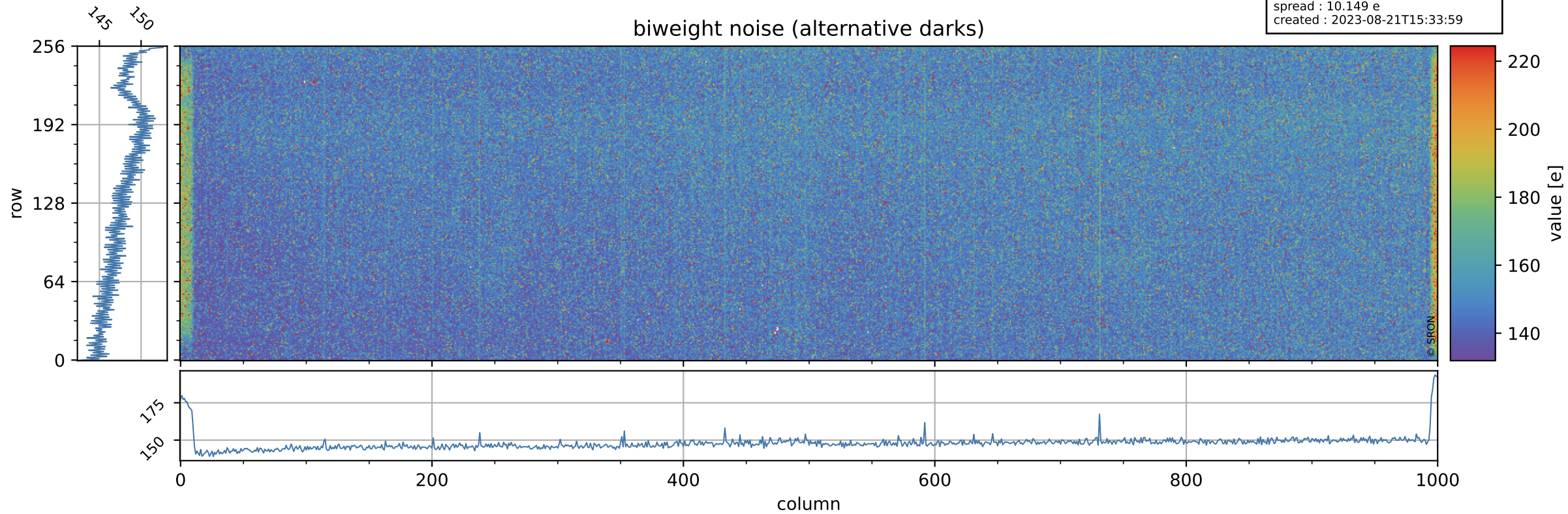
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.149 e
created : 2023-08-21T15:33:59

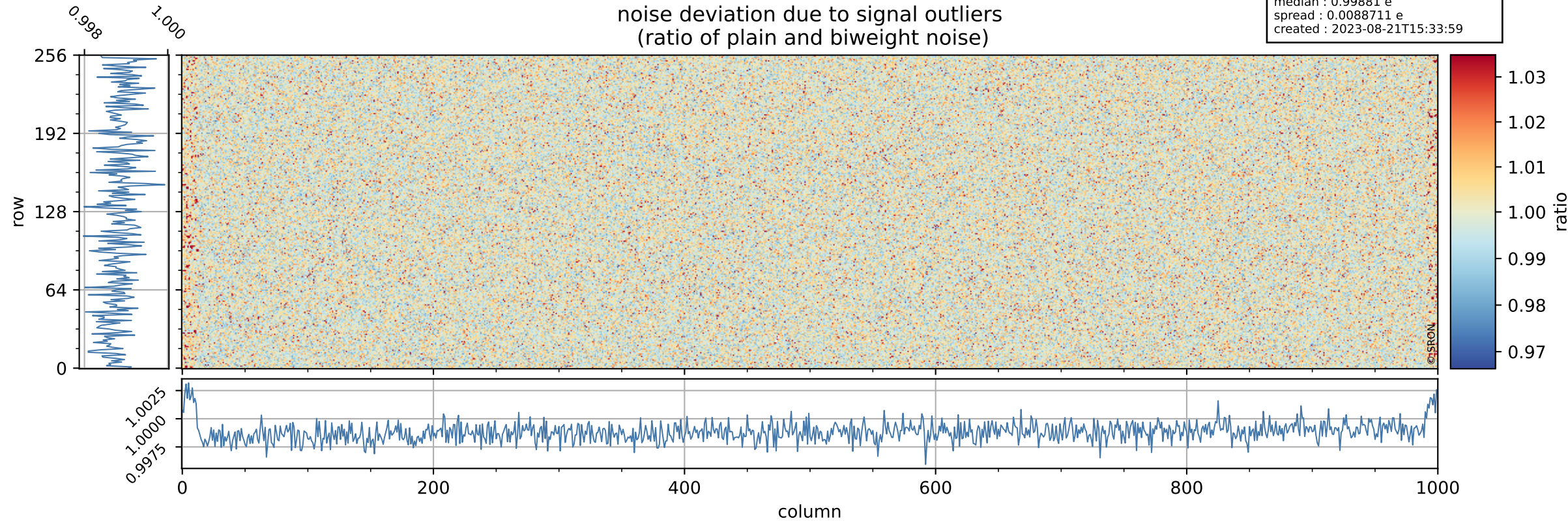
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

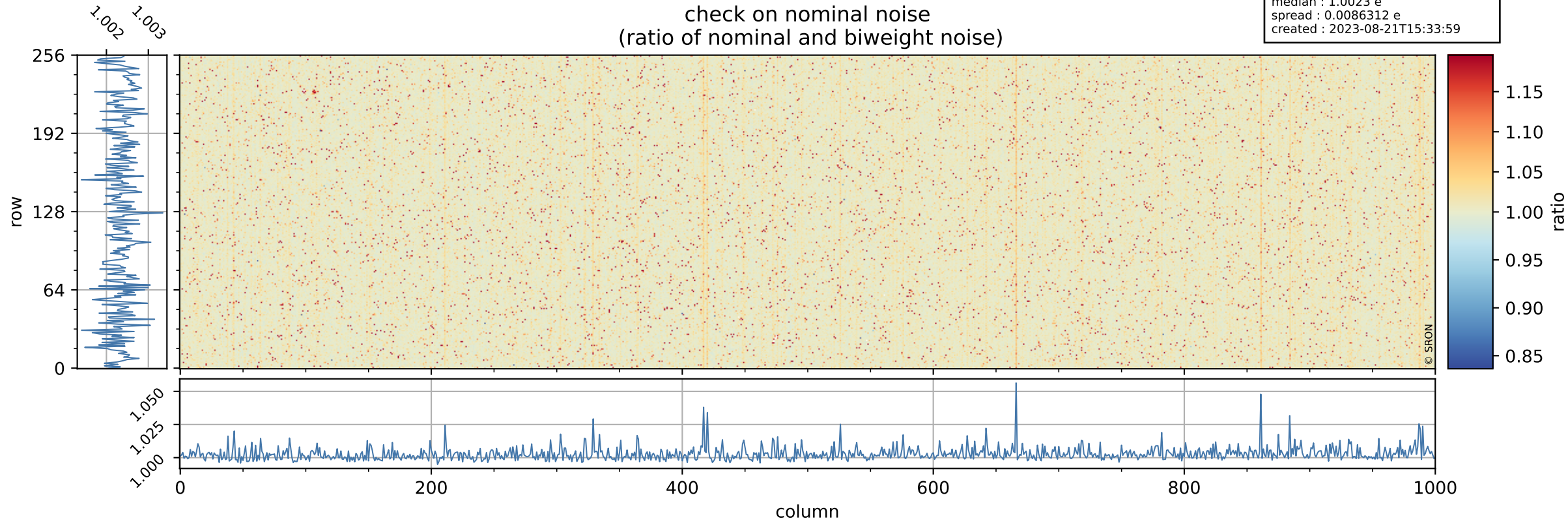
orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
median : 0.99881 e
spread : 0.0088711 e
created : 2023-08-21T15:33:59



Tropomi SWIR background noise (swir)

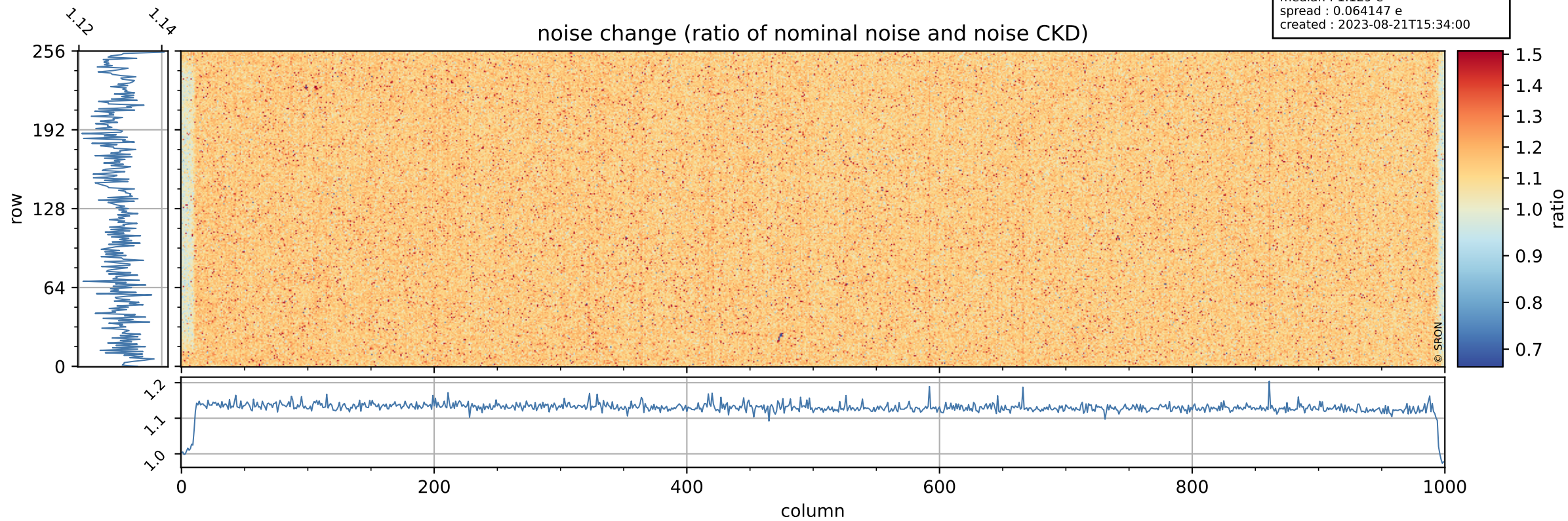
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
median : 1.0023 e
spread : 0.0086312 e
created : 2023-08-21T15:33:59



Tropomi SWIR background noise (swir)

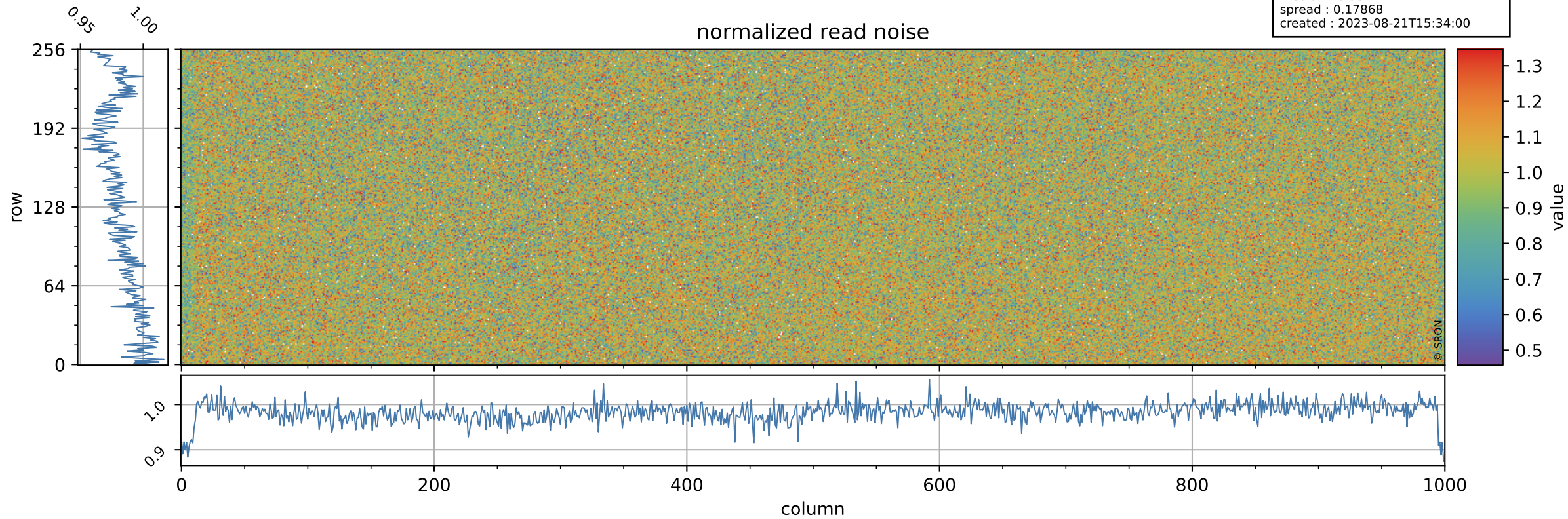
orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
median : 1.129 e
spread : 0.064147 e
created : 2023-08-21T15:34:00



Tropomi SWIR background noise (swir)

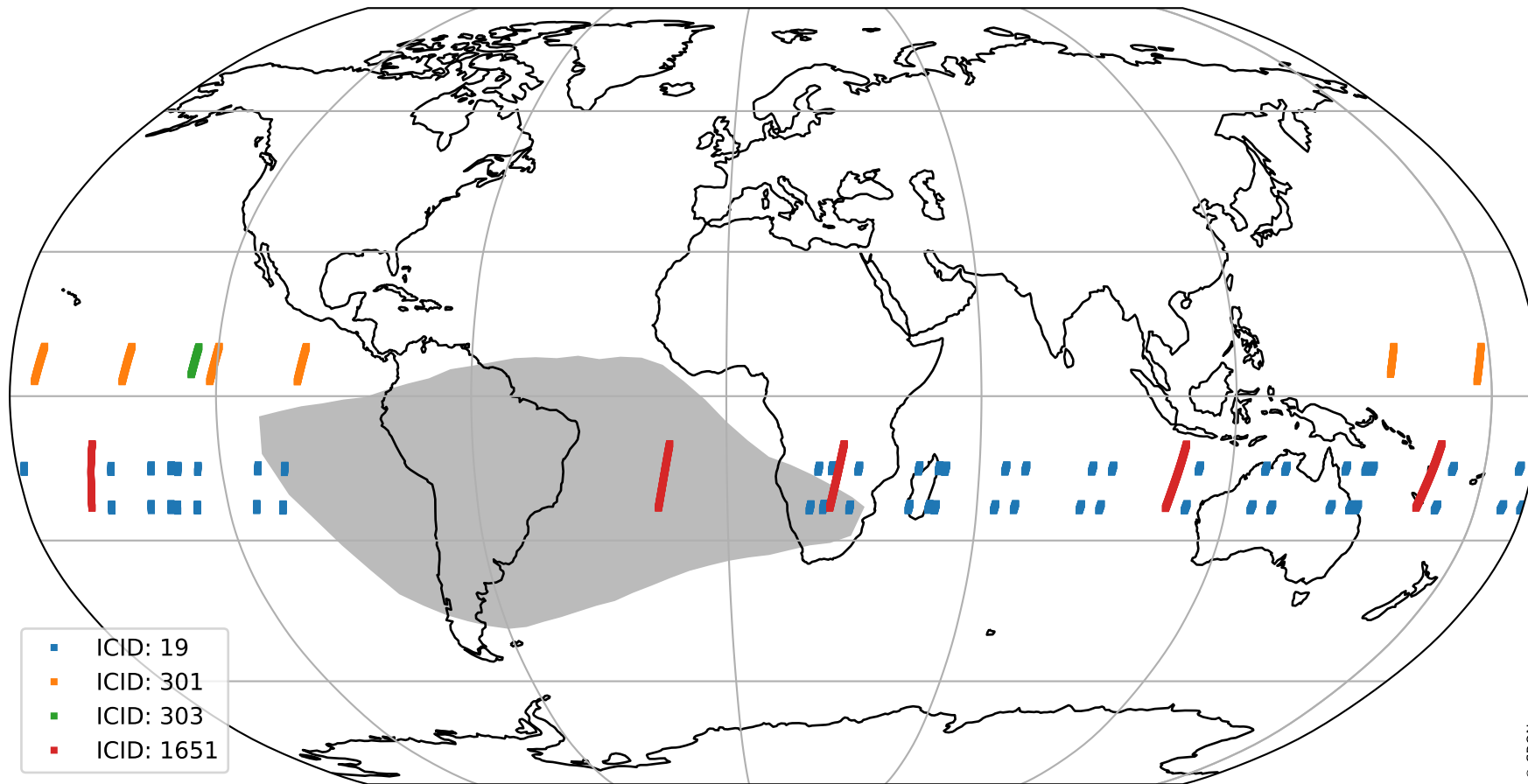
orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
median : 0.98142
spread : 0.17868
created : 2023-08-21T15:34:00

normalized read noise



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

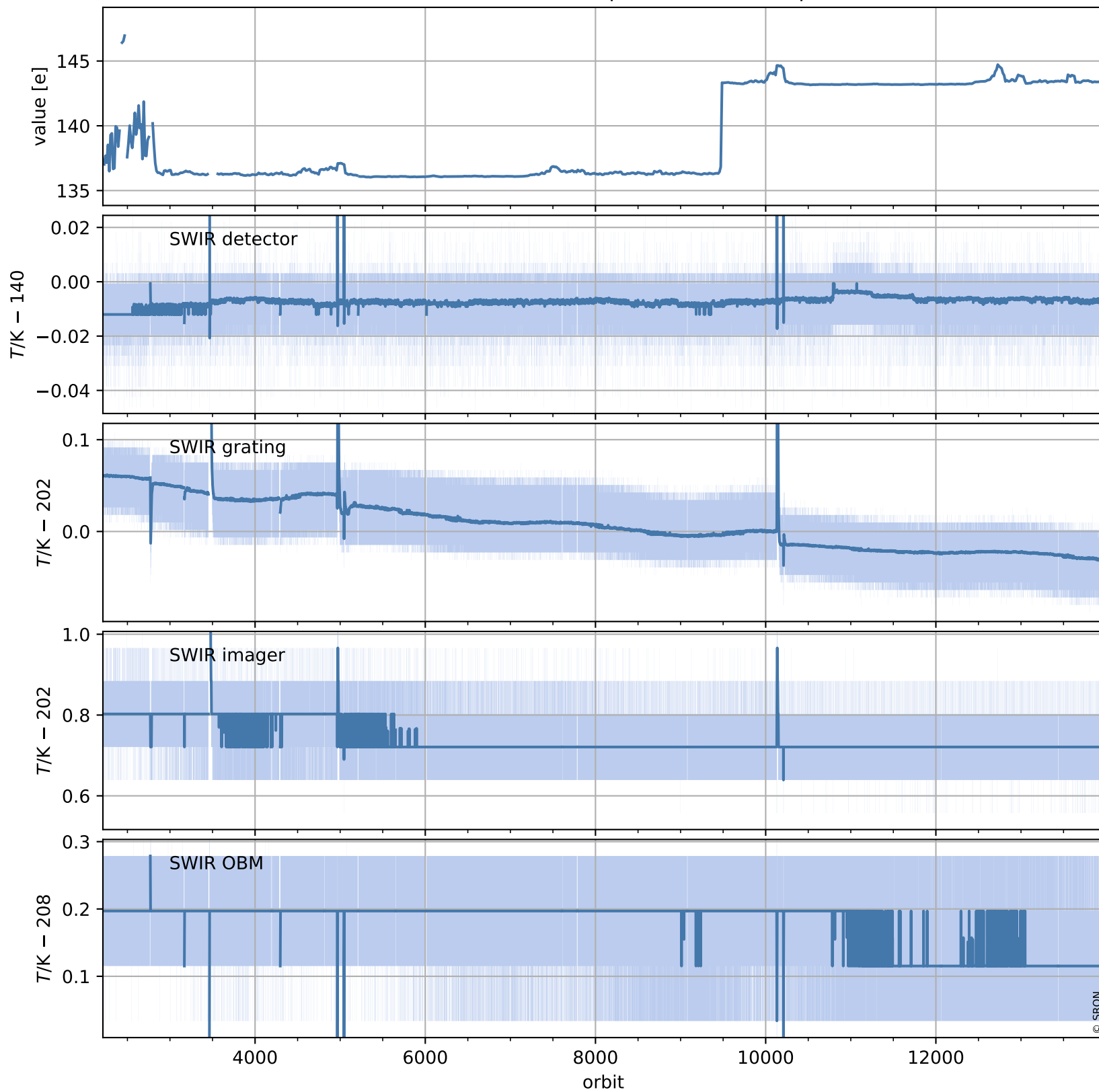
orbits : 12 in [13897, 13972]
coverage : 2020-06-18 / 2020-06-23
created : 2023-08-21T15:34:00



Tropomi SWIR background noise (swir)

orbits : [2212, 13972]
coverage : 2018-03-18 / 2020-06-23
created : 2023-08-21T15:34:01

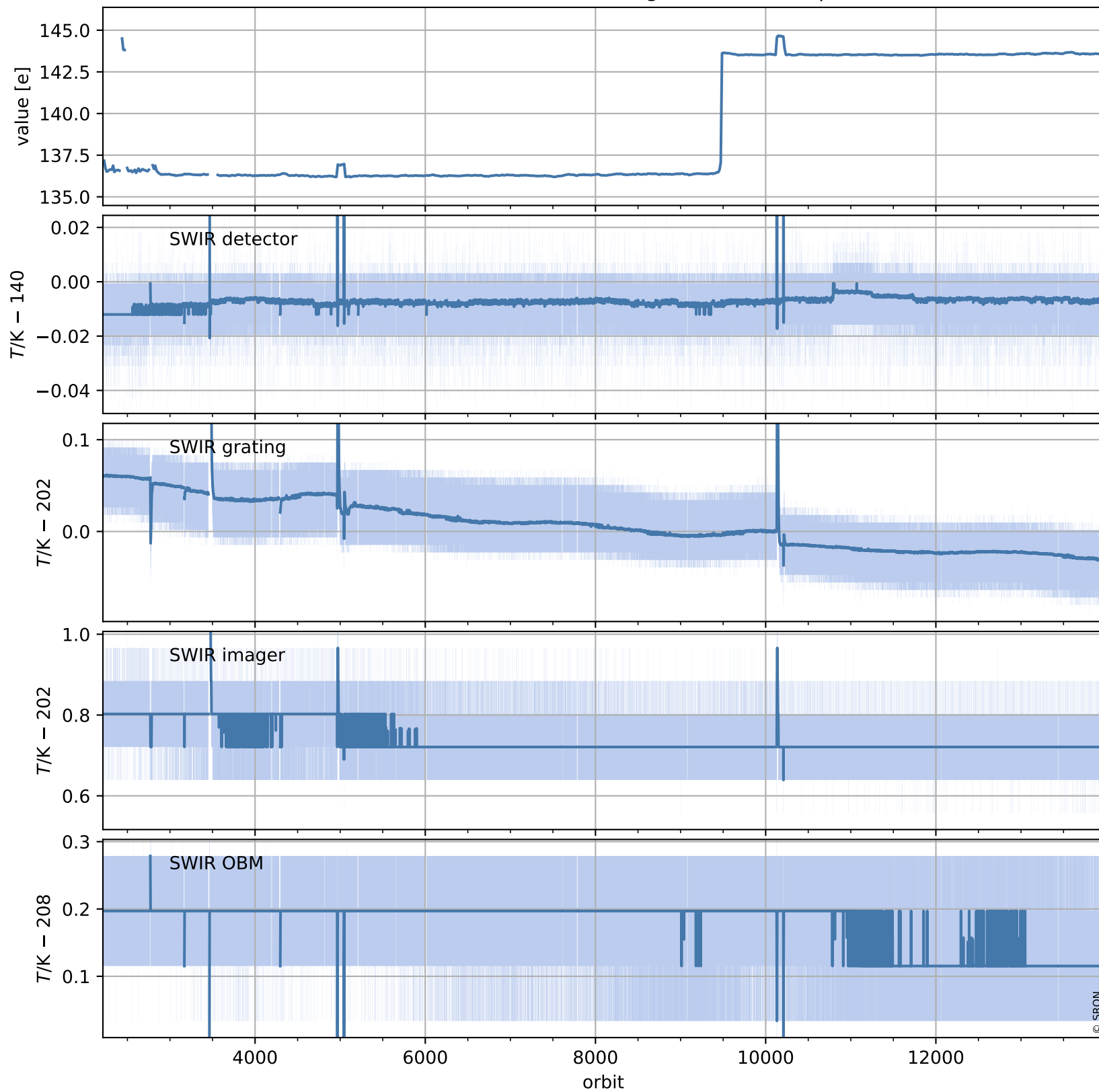
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13972]
coverage : 2018-03-18 / 2020-06-23
created : 2023-08-21T15:34:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13972]
coverage : 2018-03-18 / 2020-06-23
created : 2023-08-21T15:34:02

trend of normalized read-noise & temperatures

