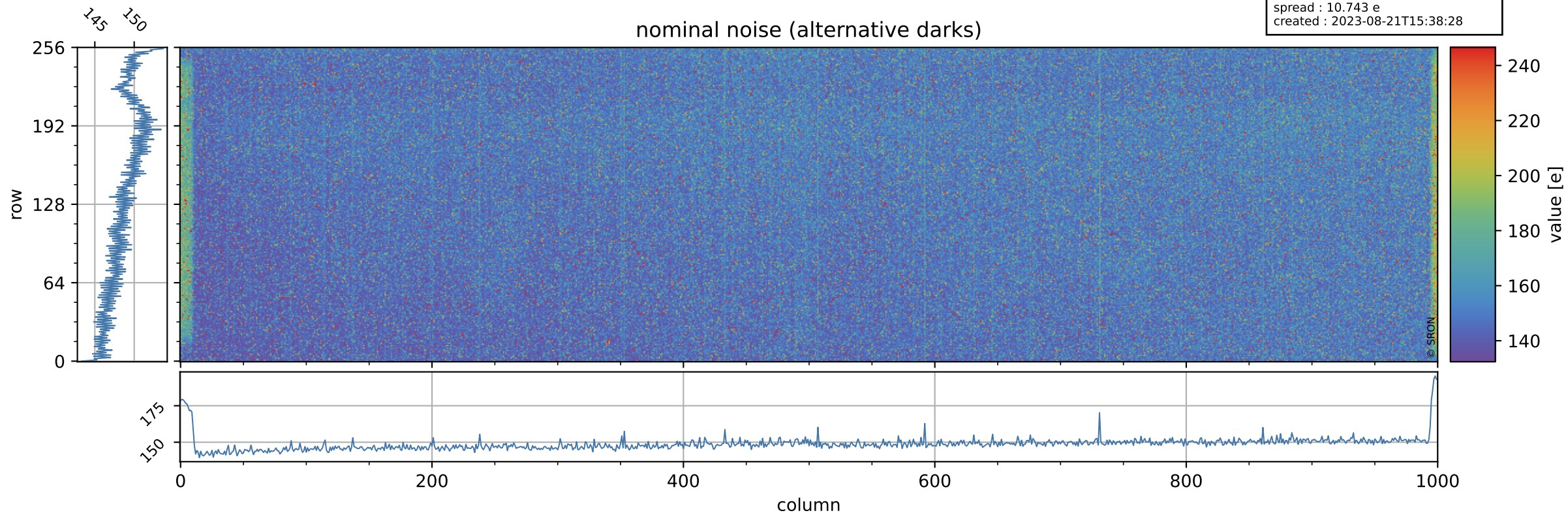


Tropomi SWIR background noise (swir)

orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.743 e
created : 2023-08-21T15:38:28

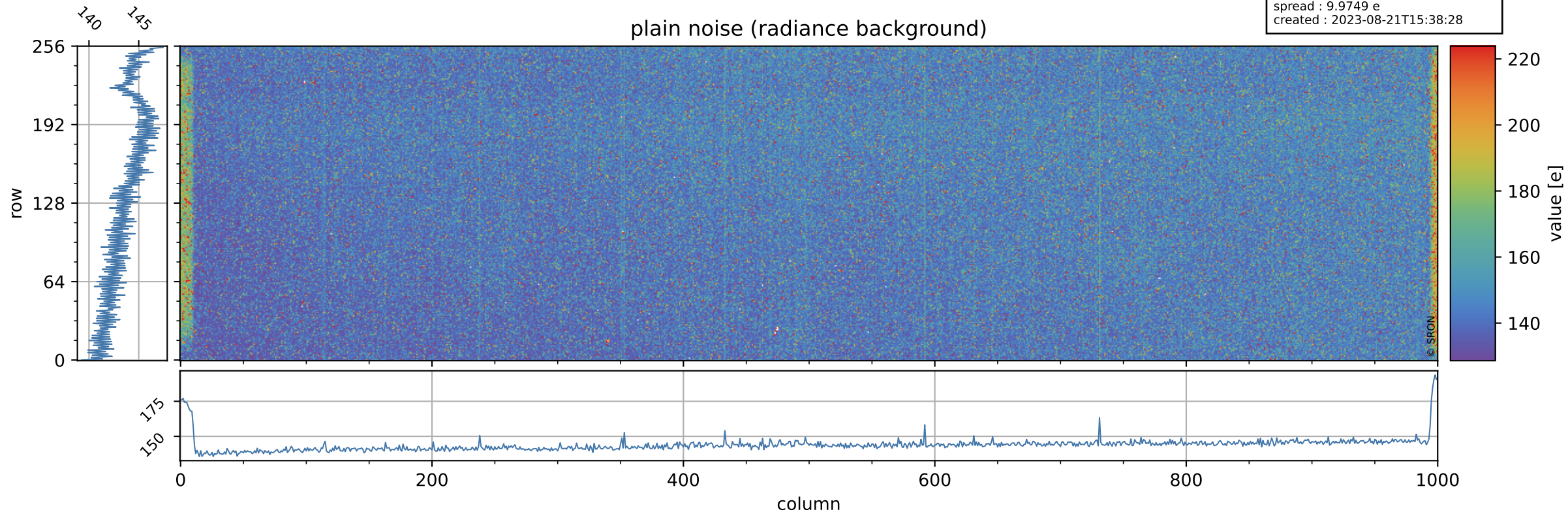
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.9749 e
created : 2023-08-21T15:38:28

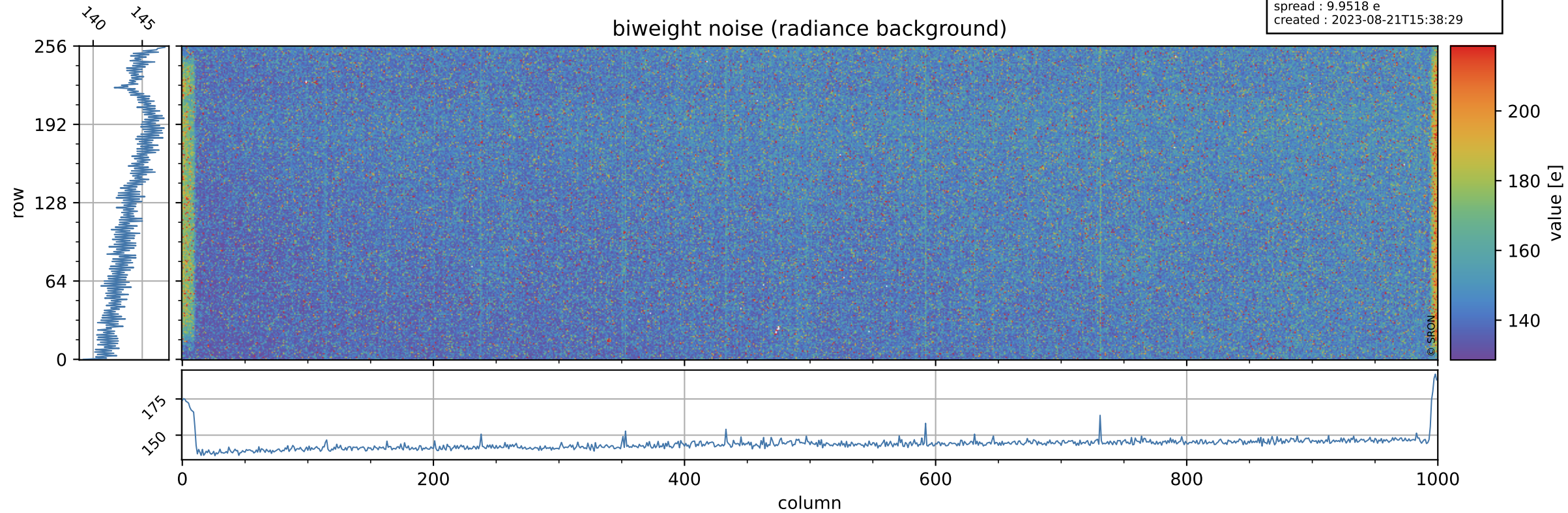
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9518 e
created : 2023-08-21T15:38:29

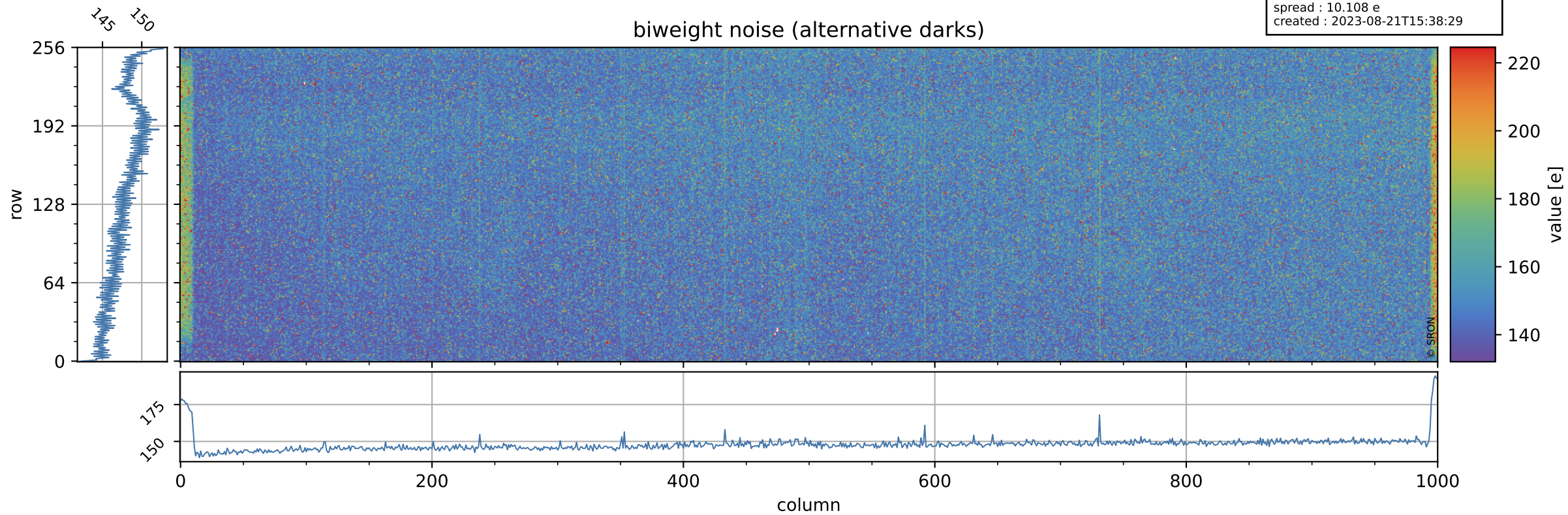
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.108 e
created : 2023-08-21T15:38:29

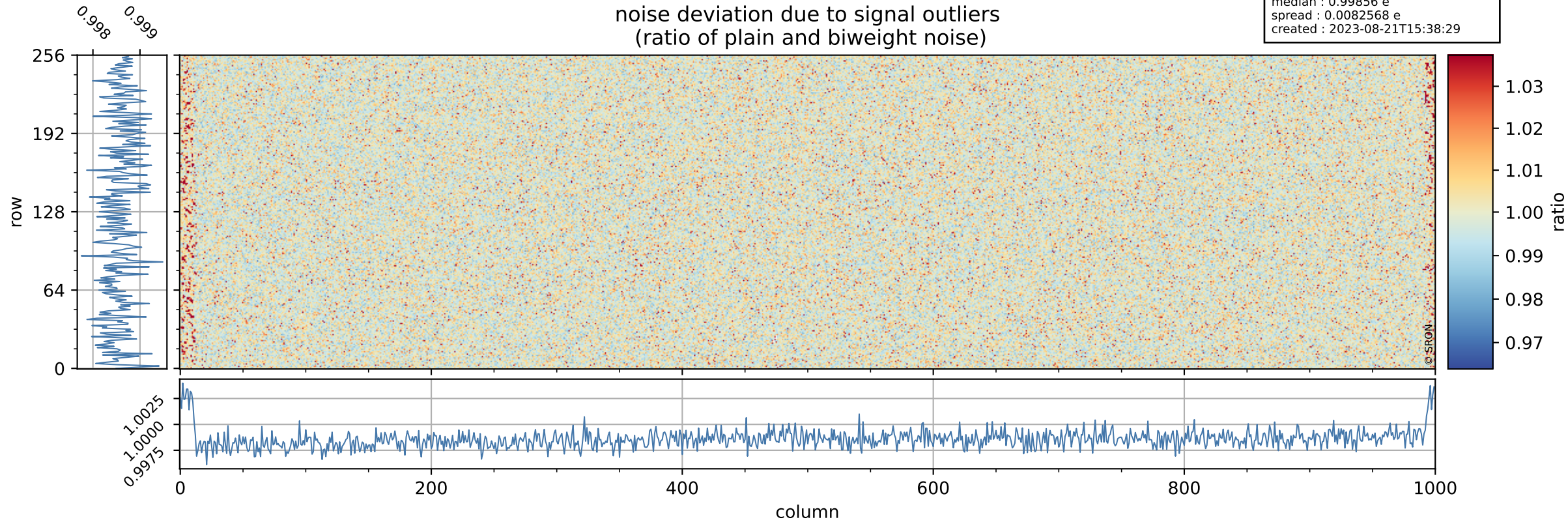
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

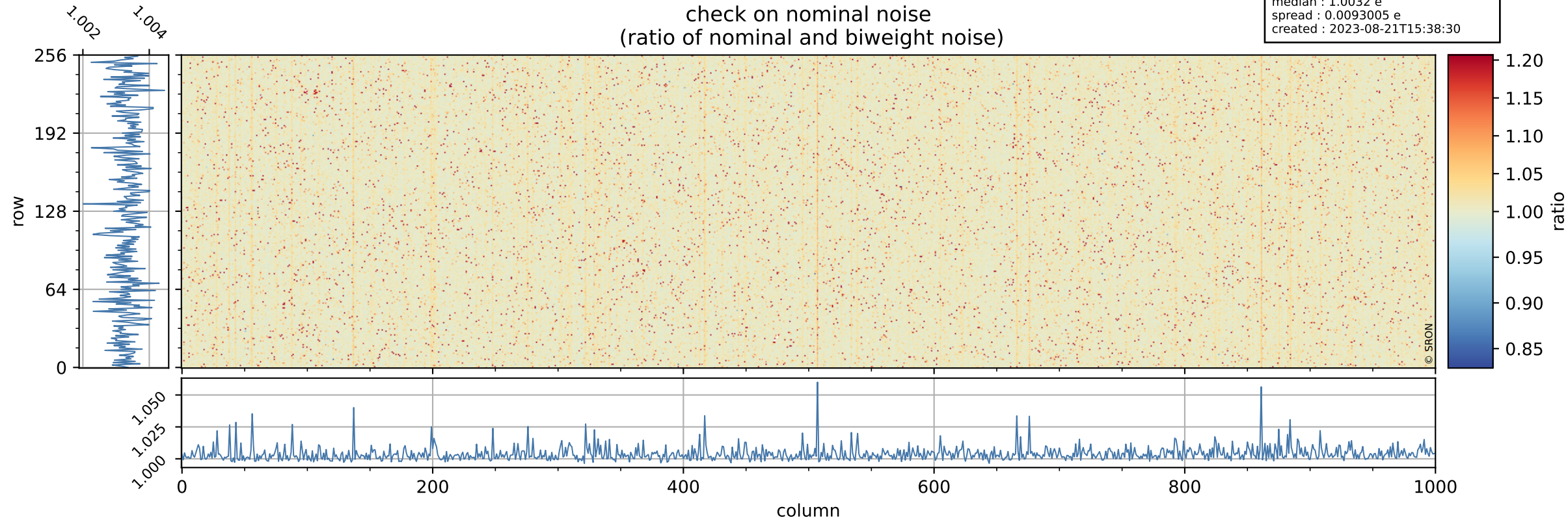
orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
median : 0.99856 e
spread : 0.0082568 e
created : 2023-08-21T15:38:29



Tropomi SWIR background noise (swir)

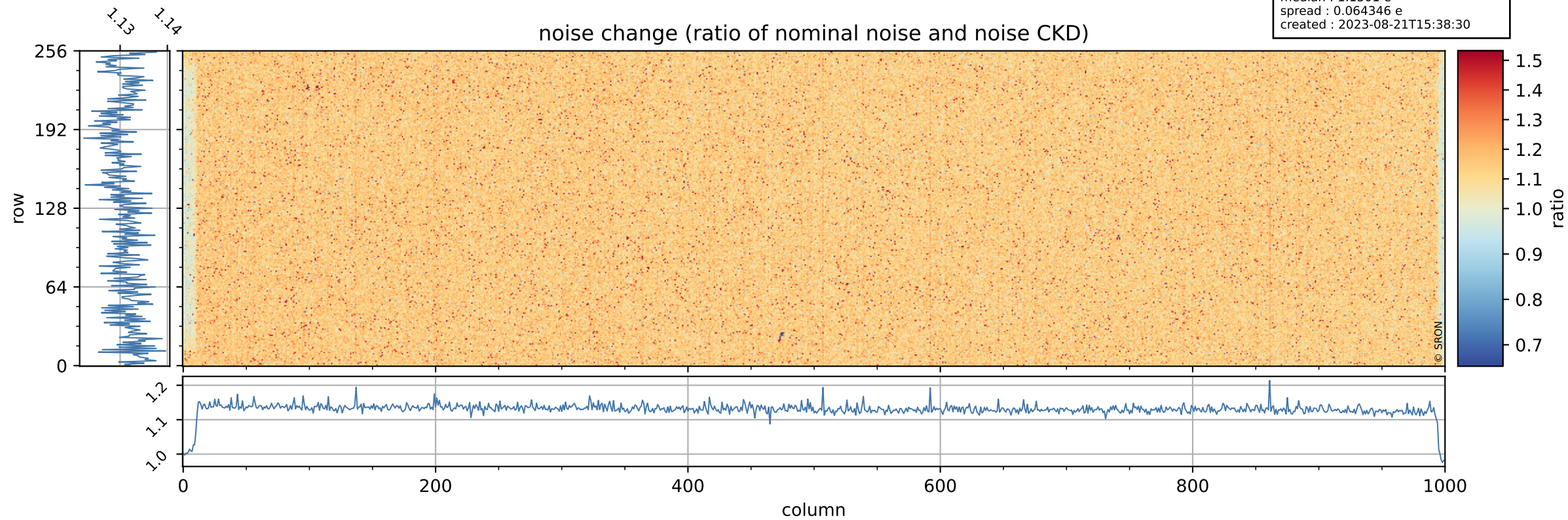
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
median : 1.0032 e
spread : 0.0093005 e
created : 2023-08-21T15:38:30



Tropomi SWIR background noise (swir)

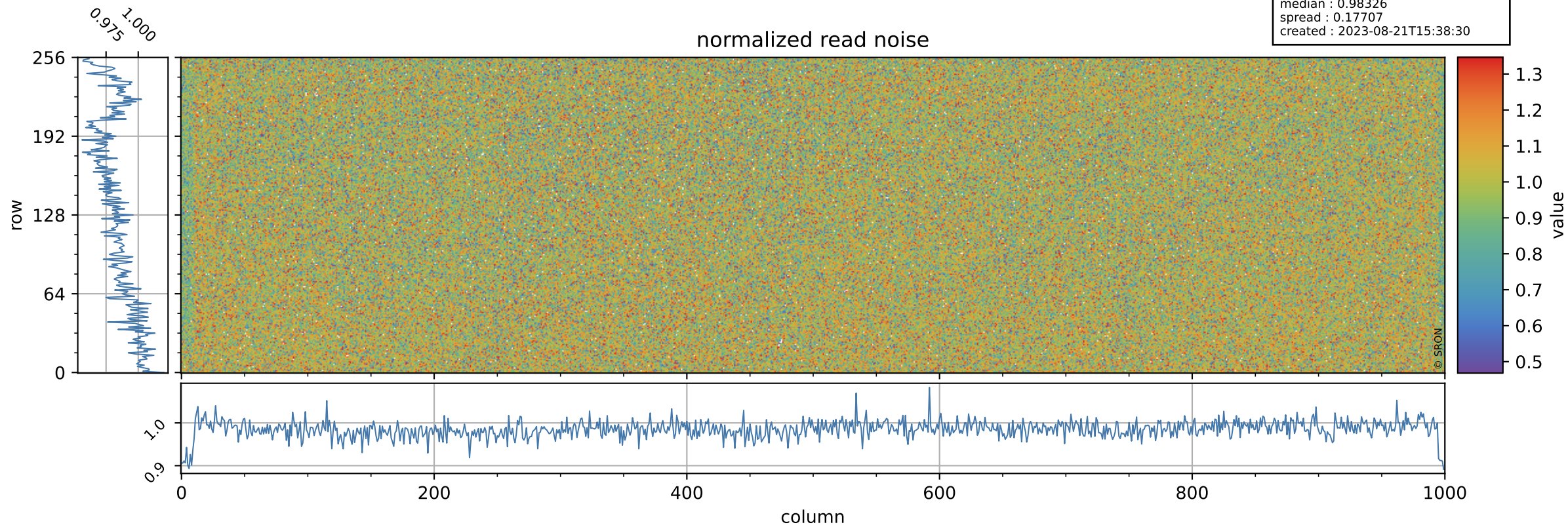
orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
median : 1.1301 e
spread : 0.064346 e
created : 2023-08-21T15:38:30



Tropomi SWIR background noise (swir)

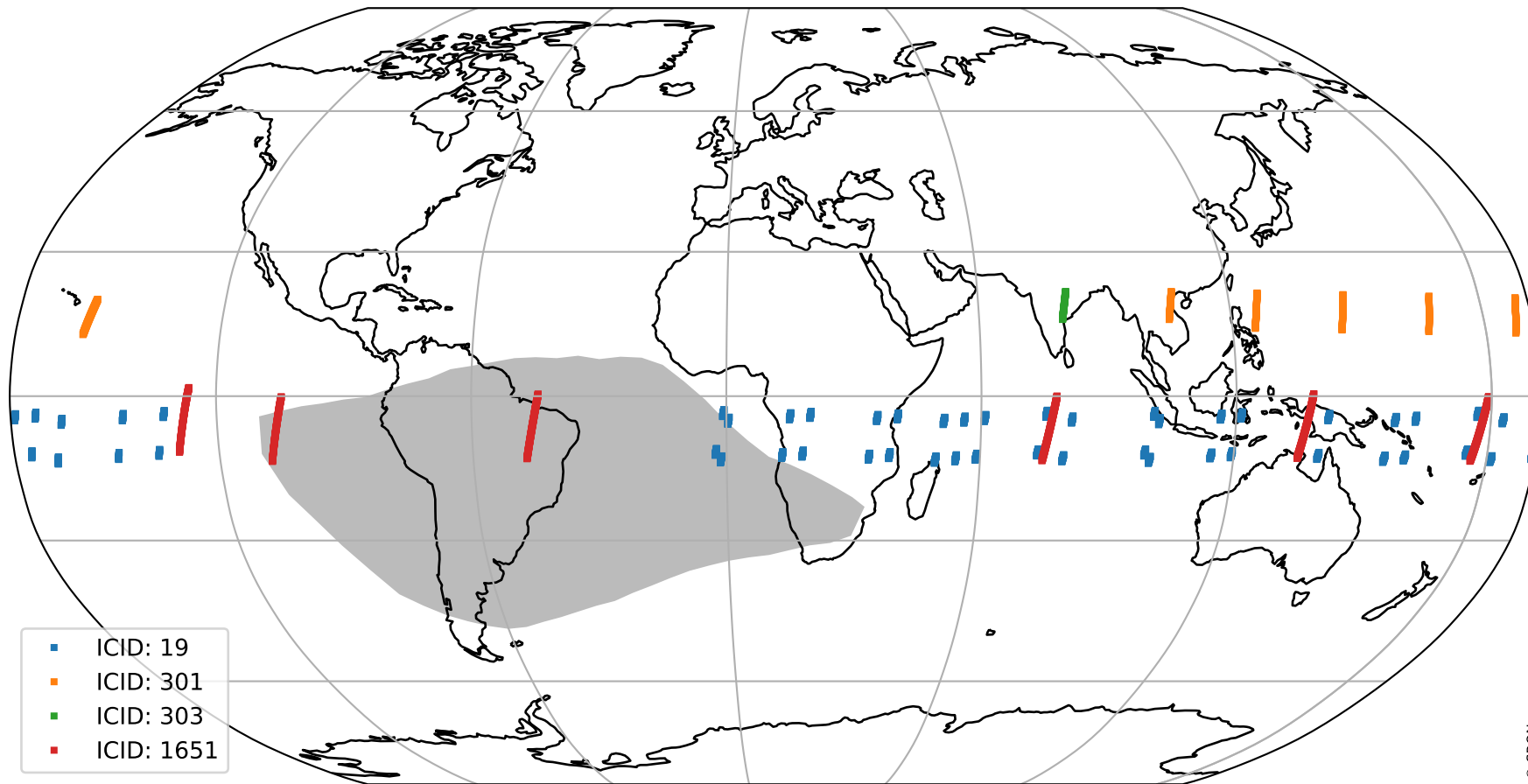
orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
median : 0.98326
spread : 0.17707
created : 2023-08-21T15:38:30

normalized read noise



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

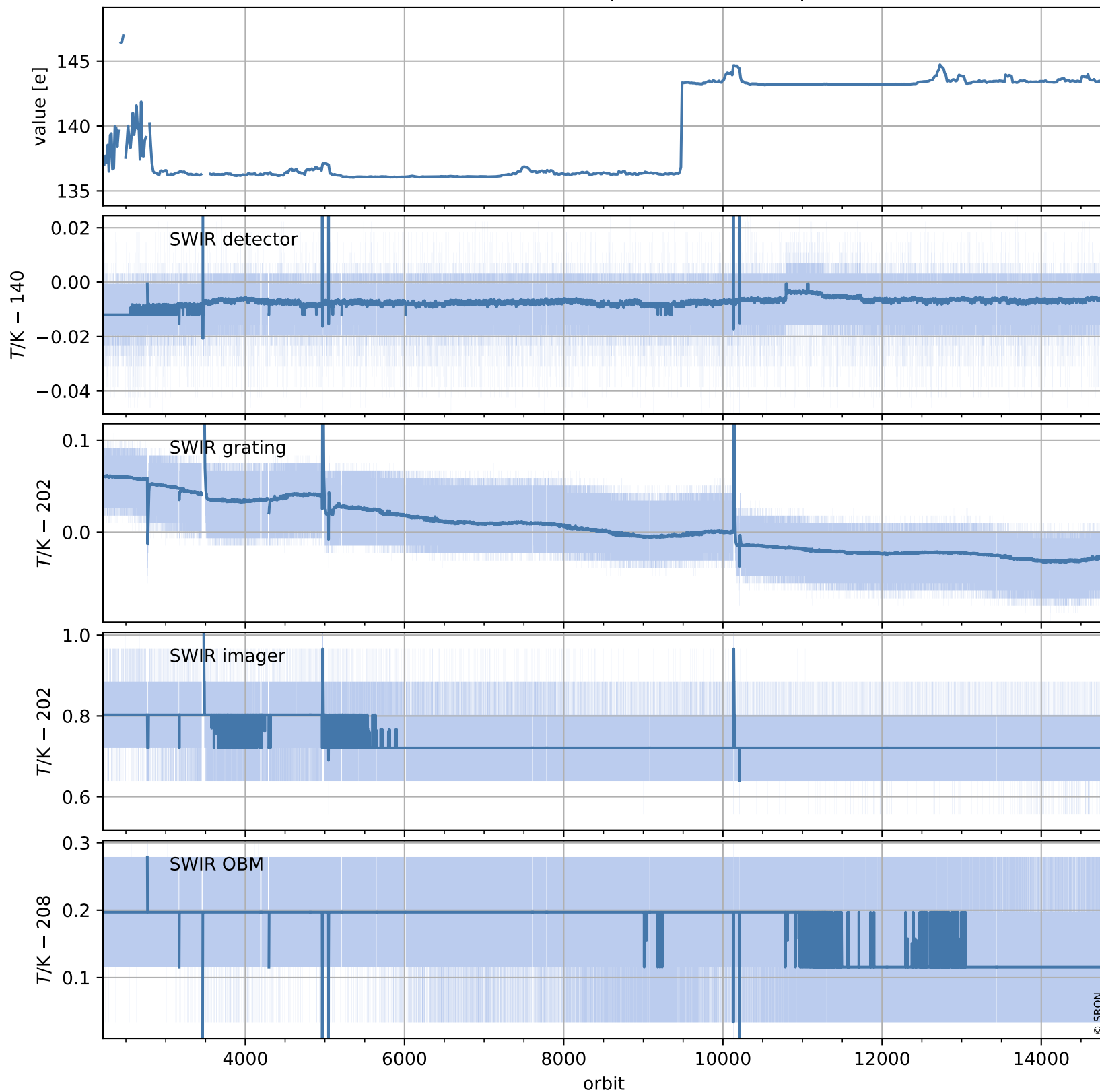
orbits : 13 in [14707, 14797]
coverage : 2020-08-15 / 2020-08-21
created : 2023-08-21T15:38:31



Tropomi SWIR background noise (swir)

orbits : [2212, 14797]
coverage : 2018-03-18 / 2020-08-21
created : 2023-08-21T15:38:31

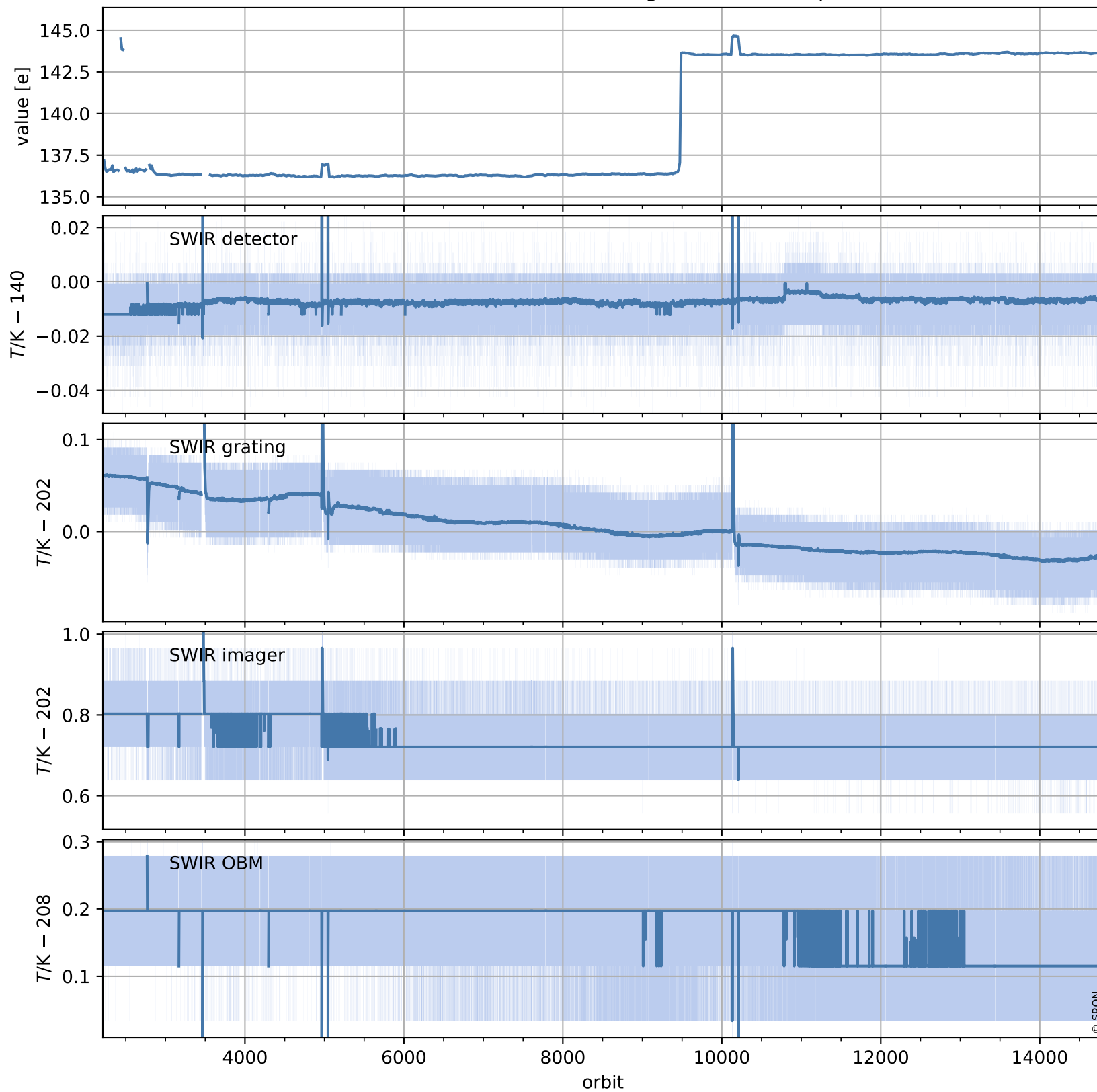
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14797]
coverage : 2018-03-18 / 2020-08-21
created : 2023-08-21T15:38:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14797]
coverage : 2018-03-18 / 2020-08-21
created : 2023-08-21T15:38:32

trend of normalized read-noise & temperatures

