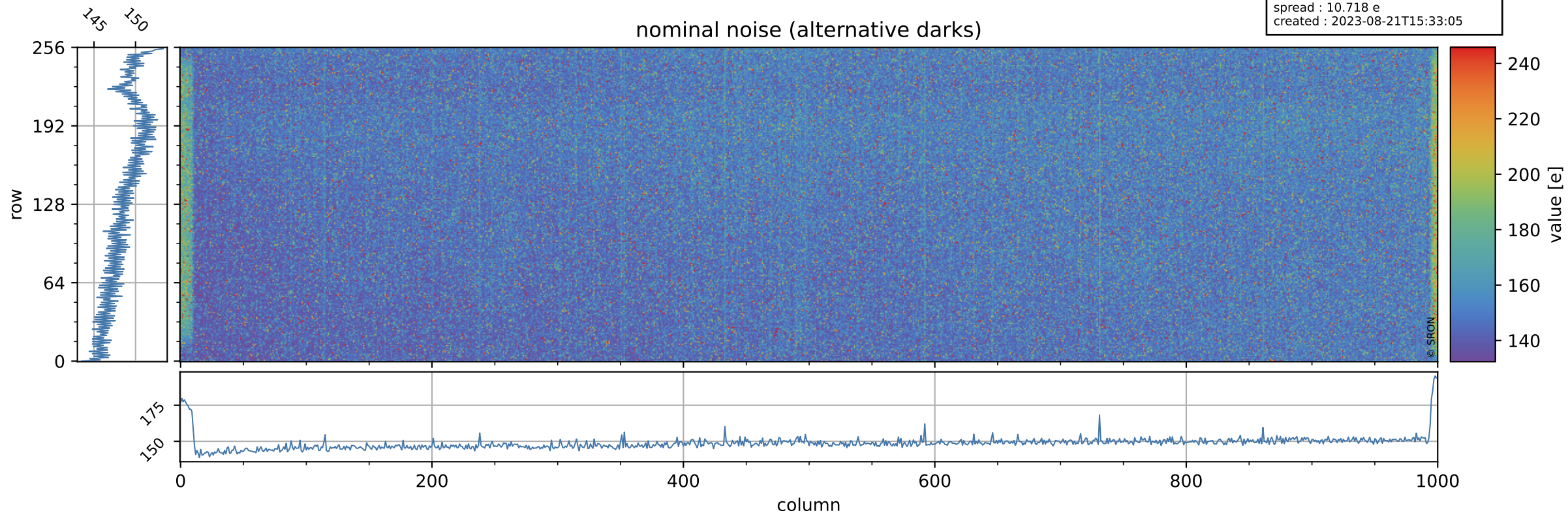


Tropomi SWIR background noise (swir)

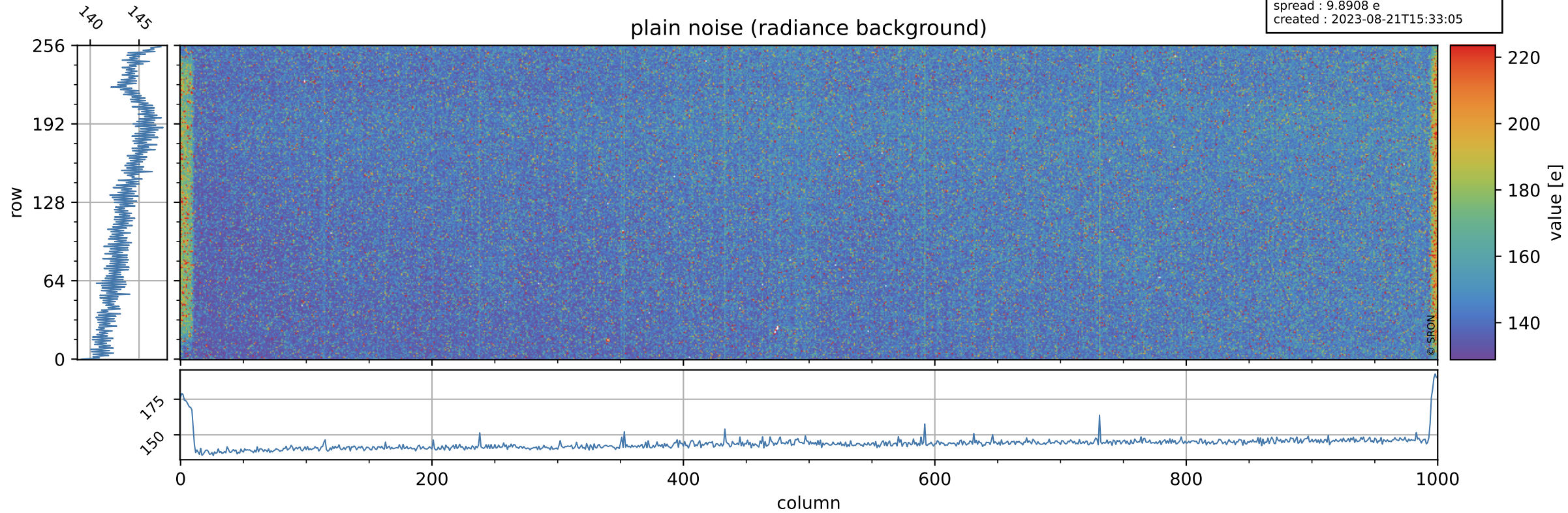
orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.718 e
created : 2023-08-21T15:33:05



Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.8908 e
created : 2023-08-21T15:33:05

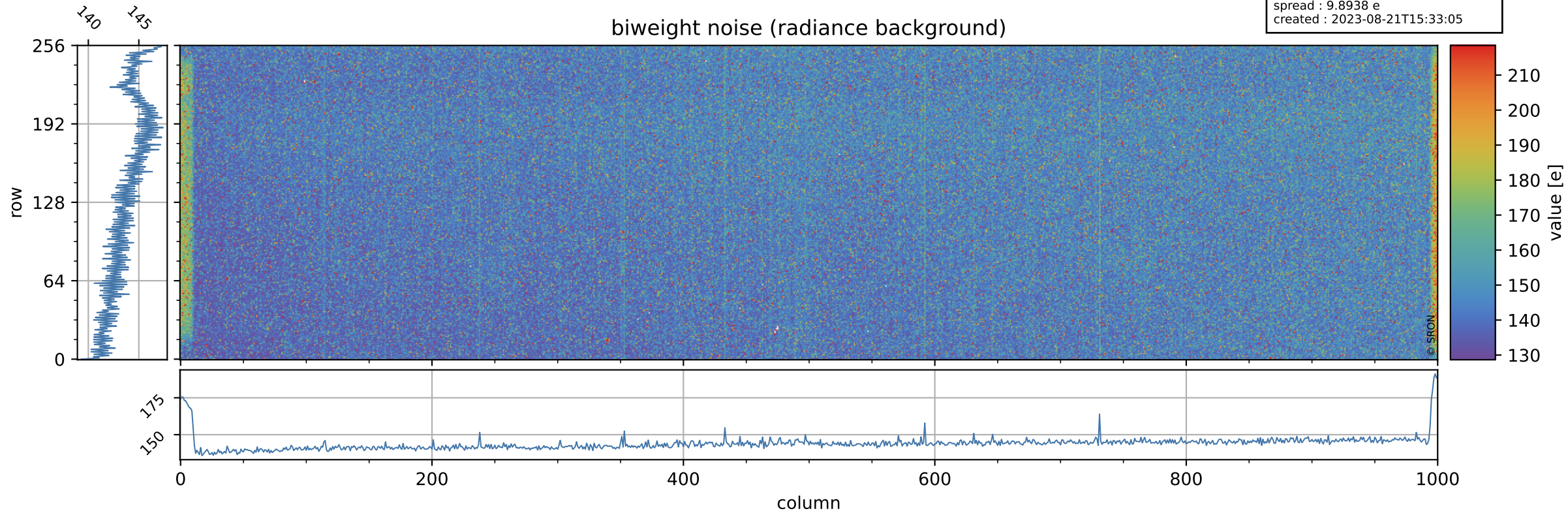
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.8938 e
created : 2023-08-21T15:33:05

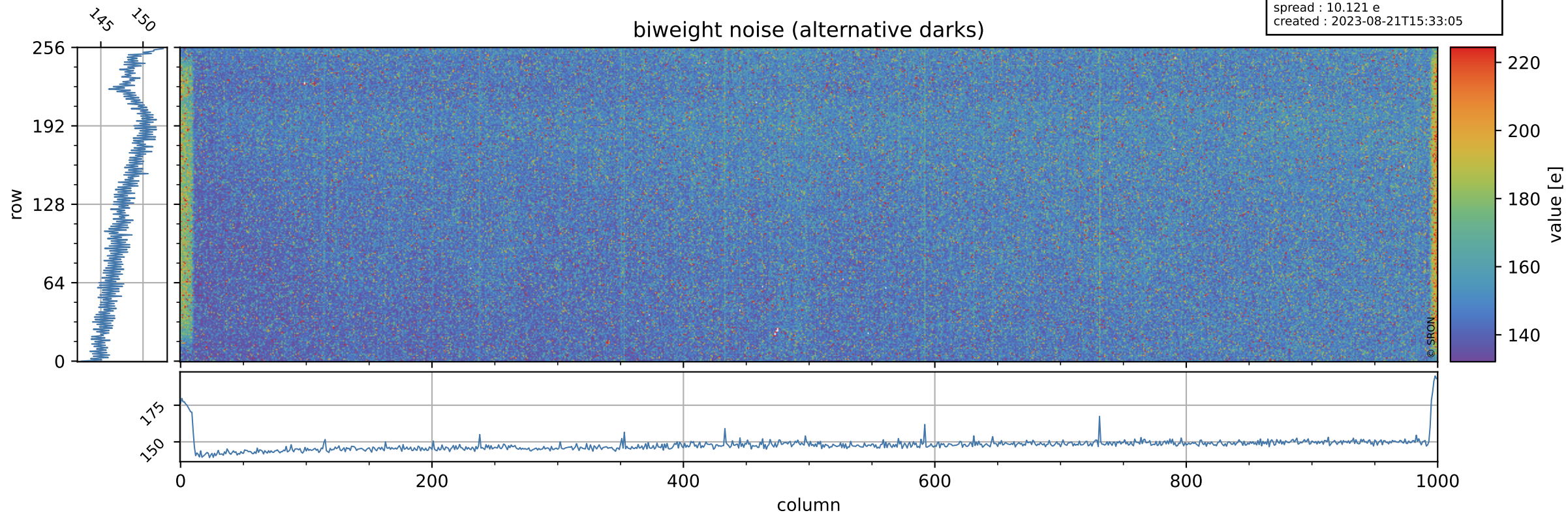
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.121 e
created : 2023-08-21T15:33:05

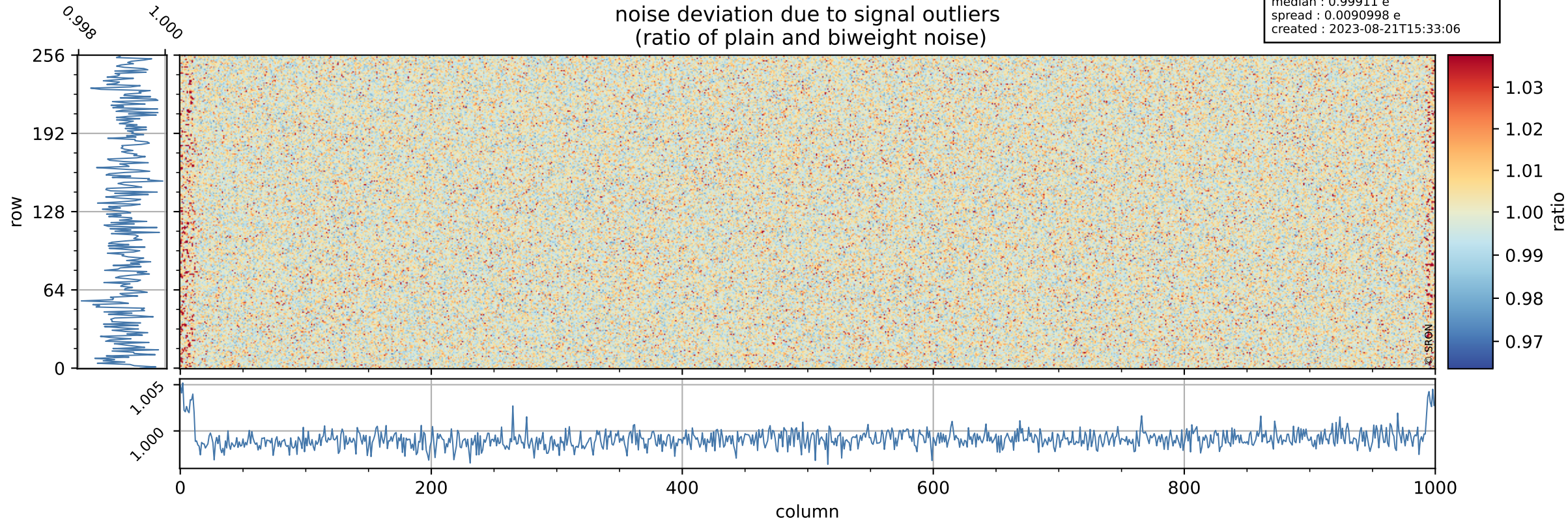
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

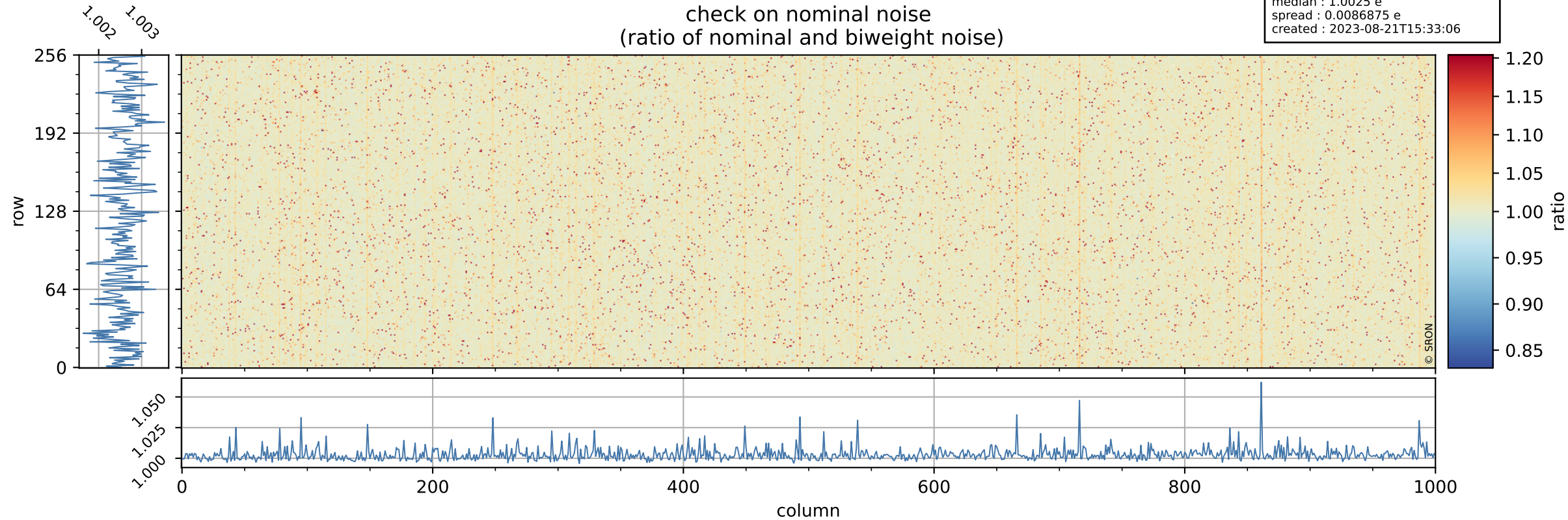
orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
median : 0.99911 e
spread : 0.0090998 e
created : 2023-08-21T15:33:06



Tropomi SWIR background noise (swir)

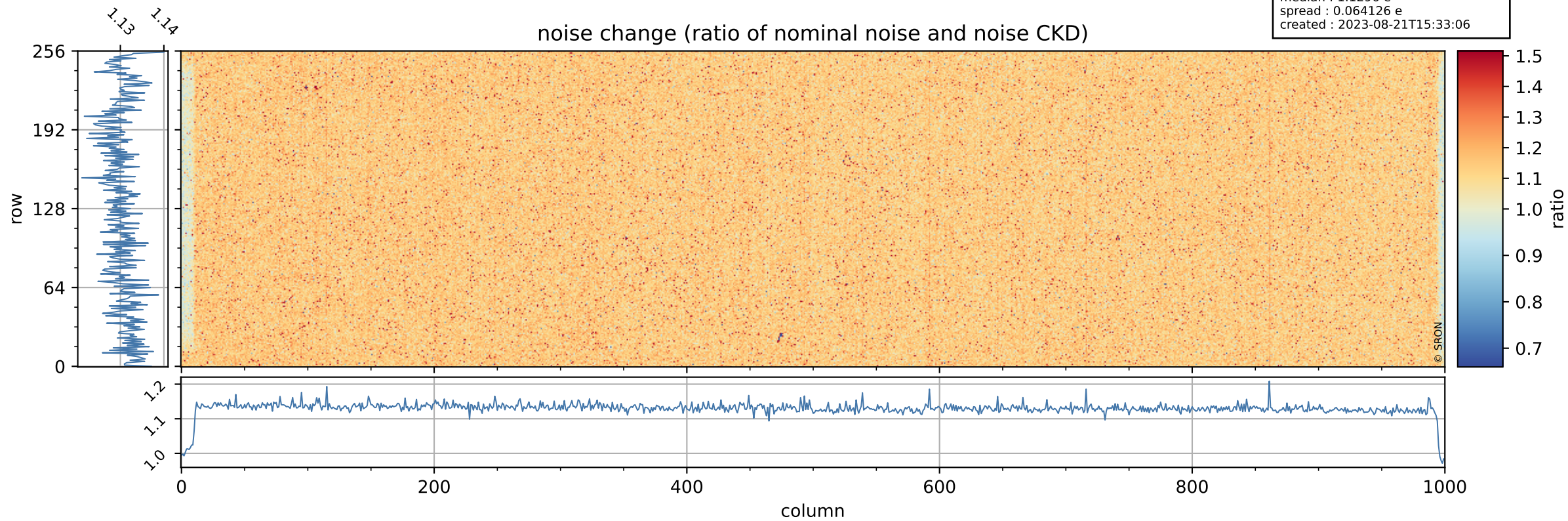
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
median : 1.0025 e
spread : 0.0086875 e
created : 2023-08-21T15:33:06



Tropomi SWIR background noise (swir)

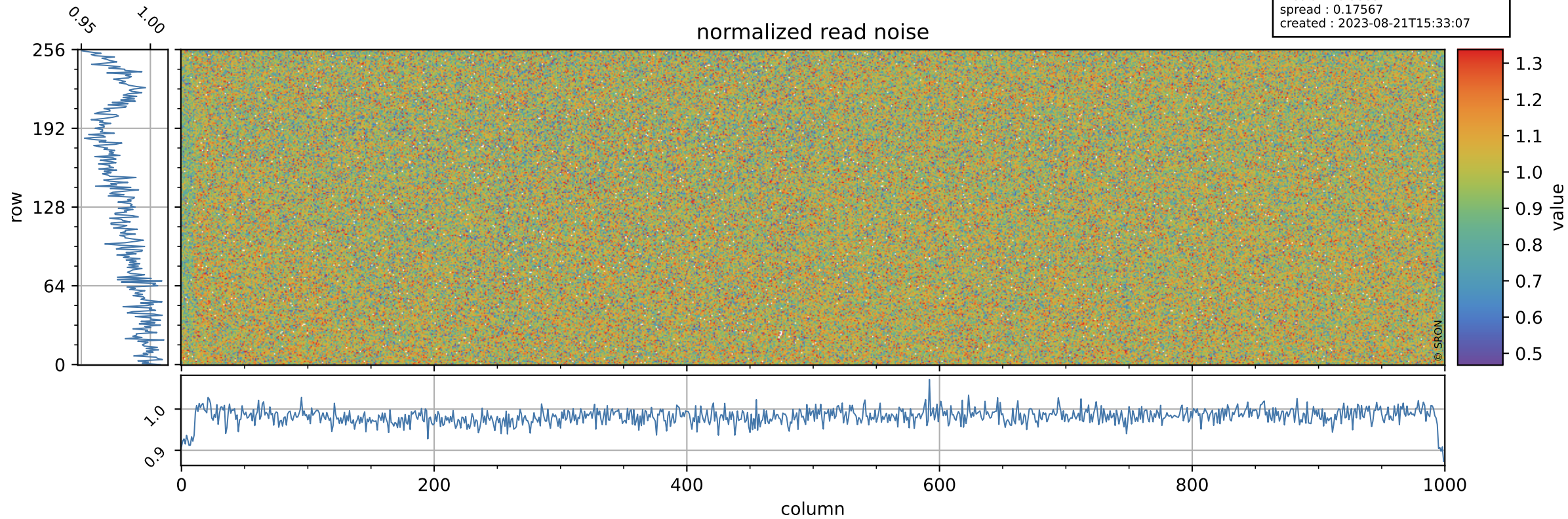
orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
median : 1.1296 e
spread : 0.064126 e
created : 2023-08-21T15:33:06



Tropomi SWIR background noise (swir)

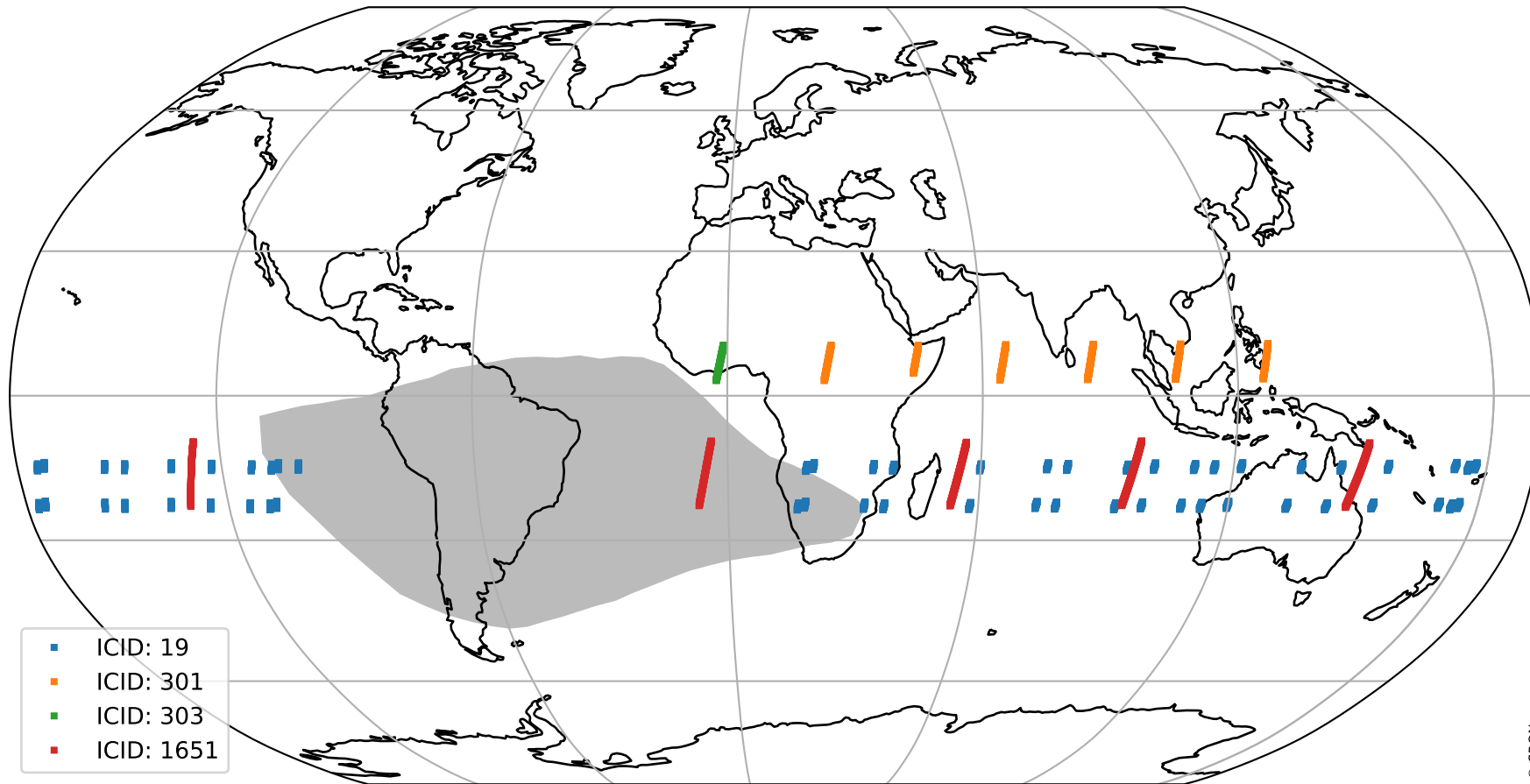
orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
median : 0.98054
spread : 0.17567
created : 2023-08-21T15:33:07

normalized read noise



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

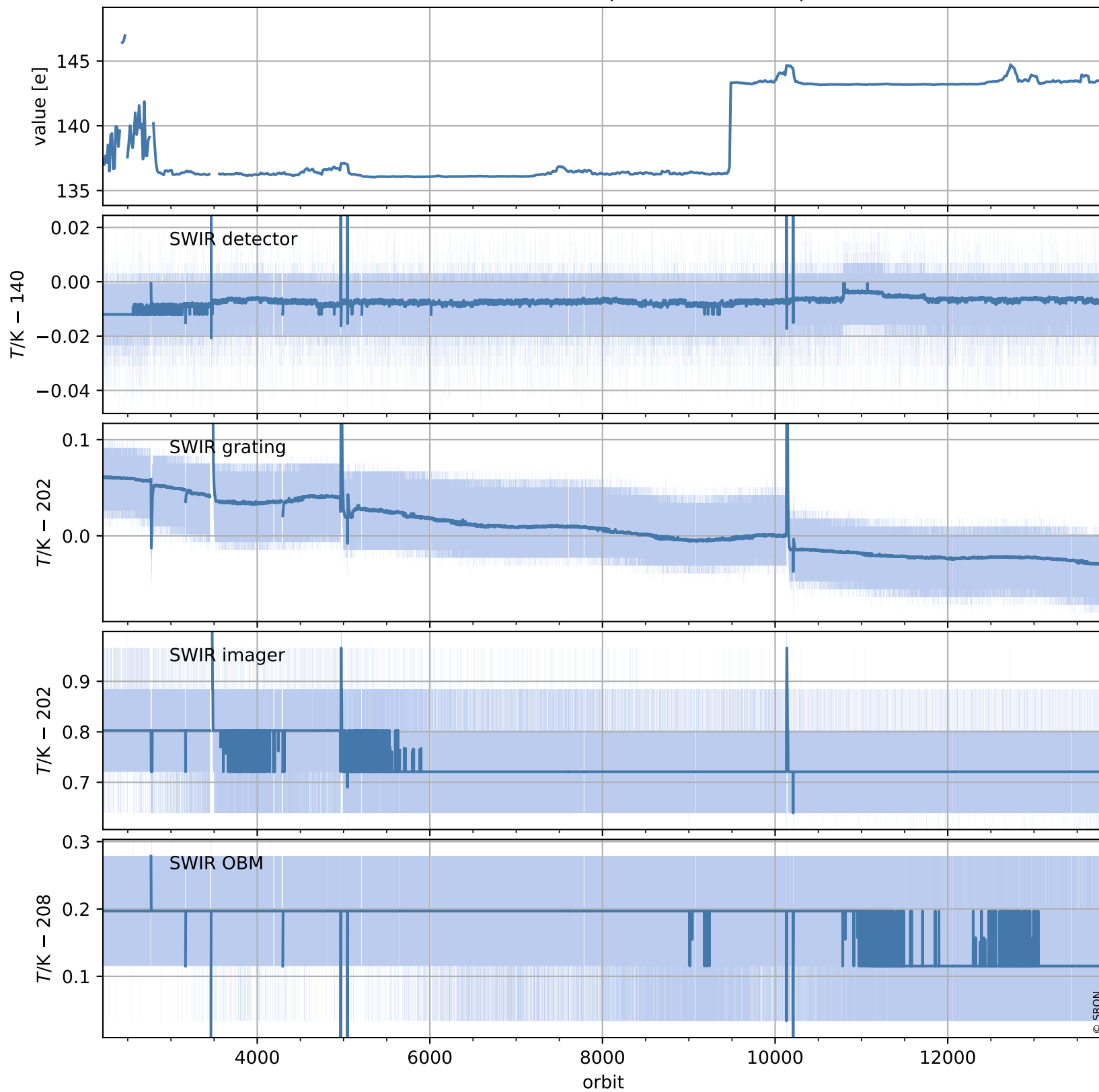
orbits : 12 in [13717, 13807]
coverage : 2020-06-06 / 2020-06-12
created : 2023-08-21T15:33:07



Tropomi SWIR background noise (swir)

orbits : [2212, 13807]
coverage : 2018-03-18 / 2020-06-12
created : 2023-08-21T15:33:07

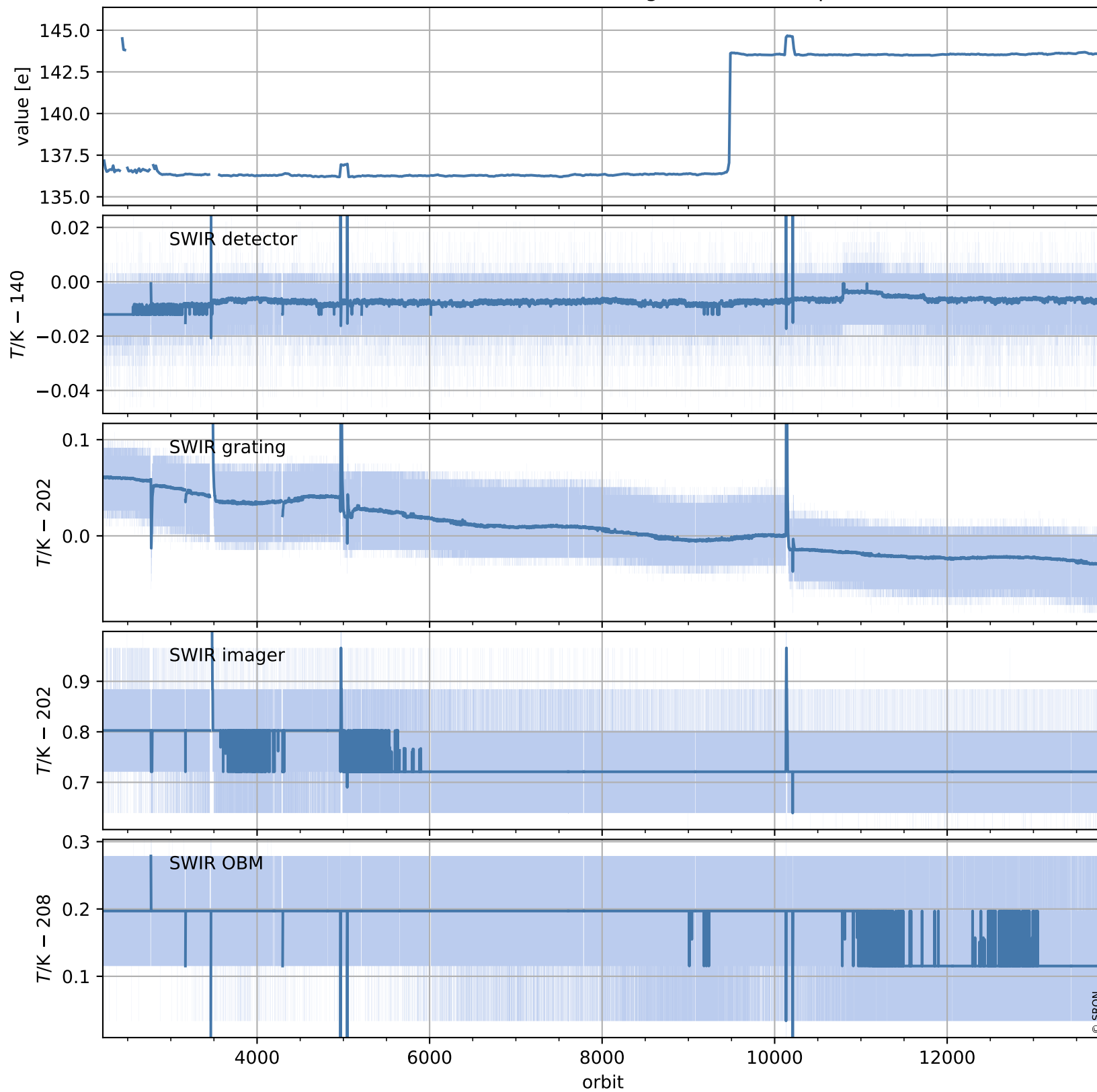
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13807]
coverage : 2018-03-18 / 2020-06-12
created : 2023-08-21T15:33:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13807]
coverage : 2018-03-18 / 2020-06-12
created : 2023-08-21T15:33:08

trend of normalized read-noise & temperatures

