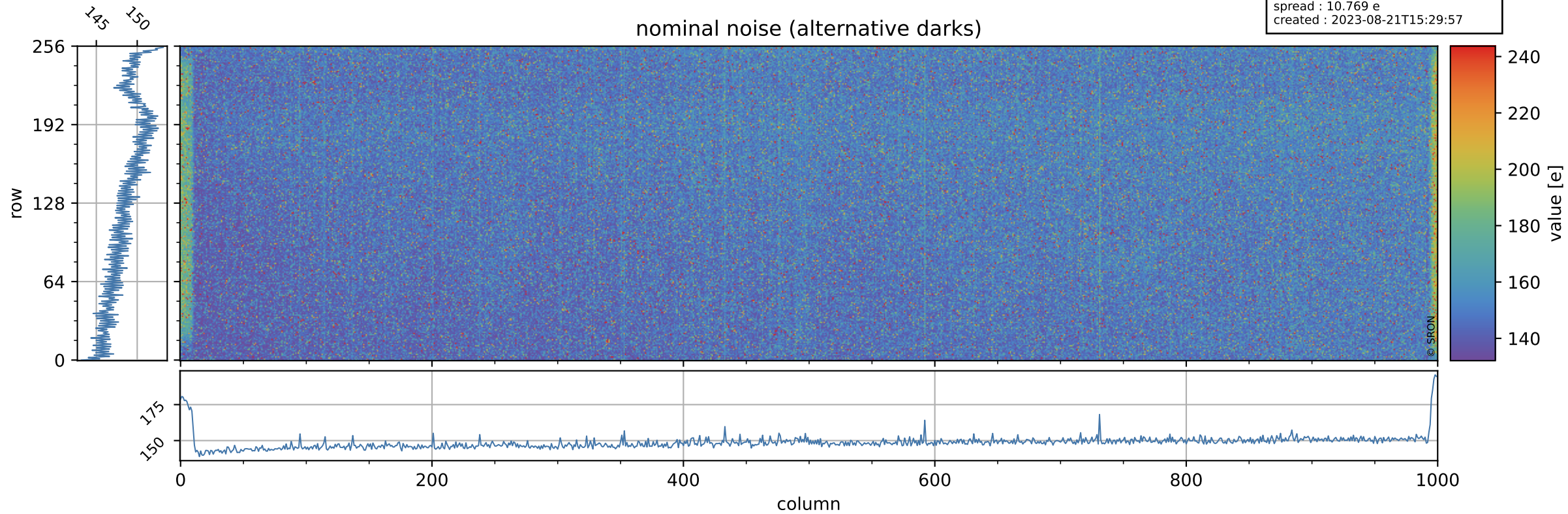


Tropomi SWIR background noise (swir)

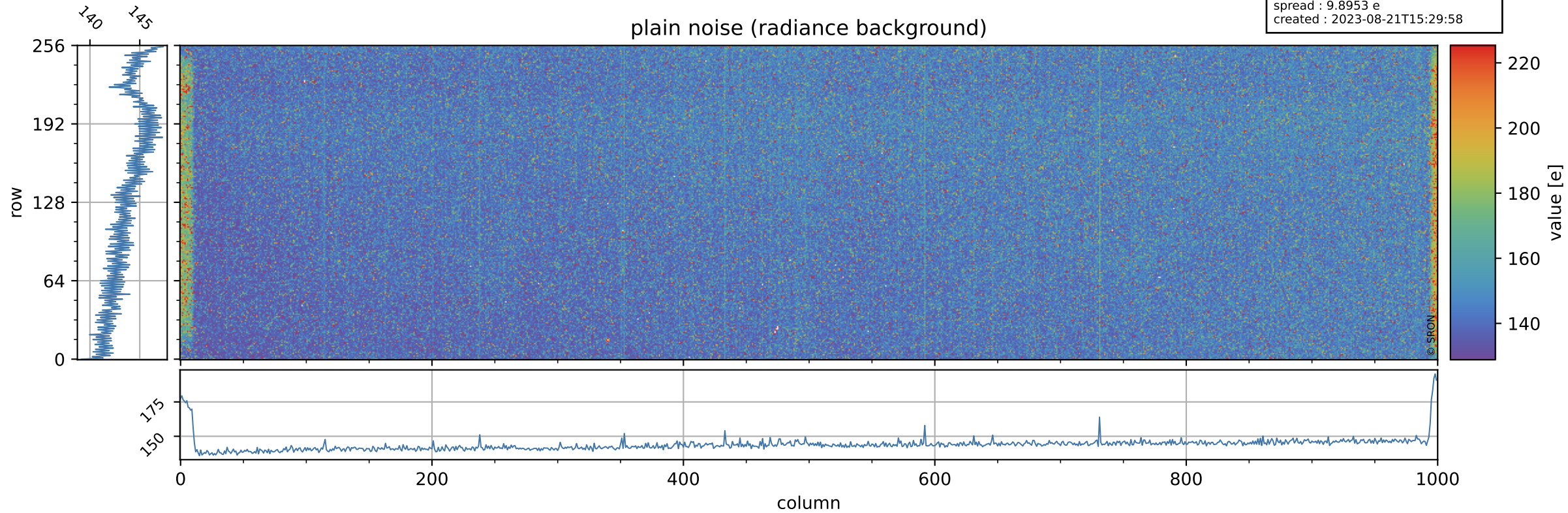
orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.769 e
created : 2023-08-21T15:29:57



Tropomi SWIR background noise (swir)

orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.8953 e
created : 2023-08-21T15:29:58

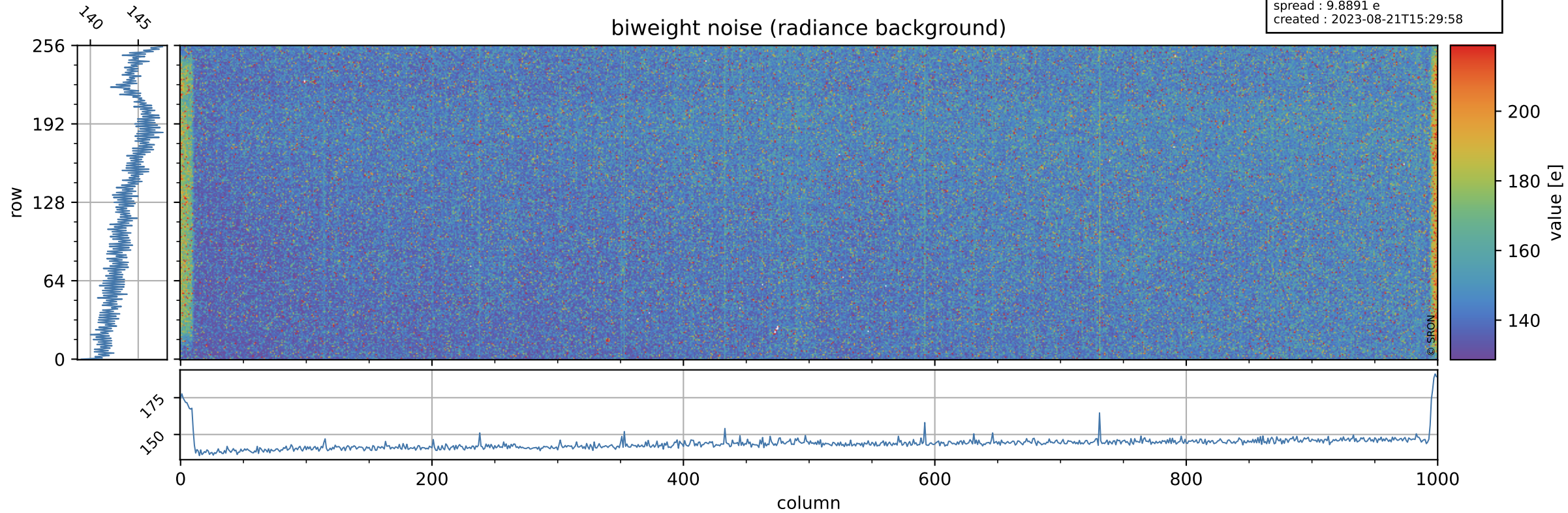
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8891 e
created : 2023-08-21T15:29:58

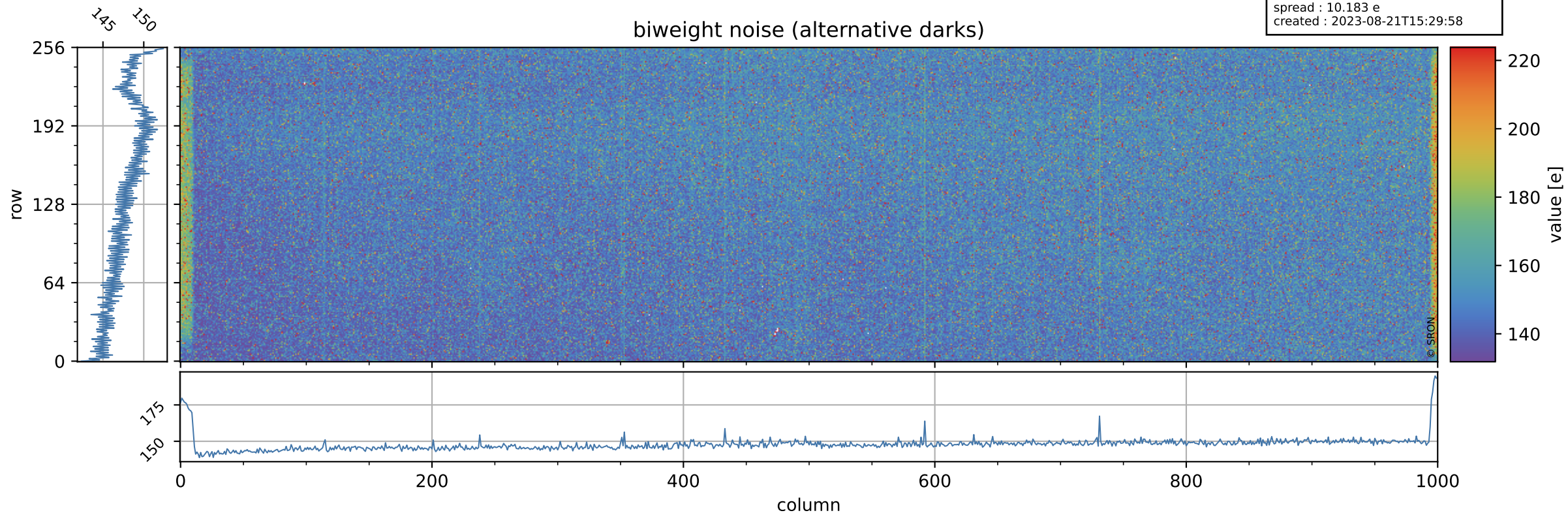
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.183 e
created : 2023-08-21T15:29:58

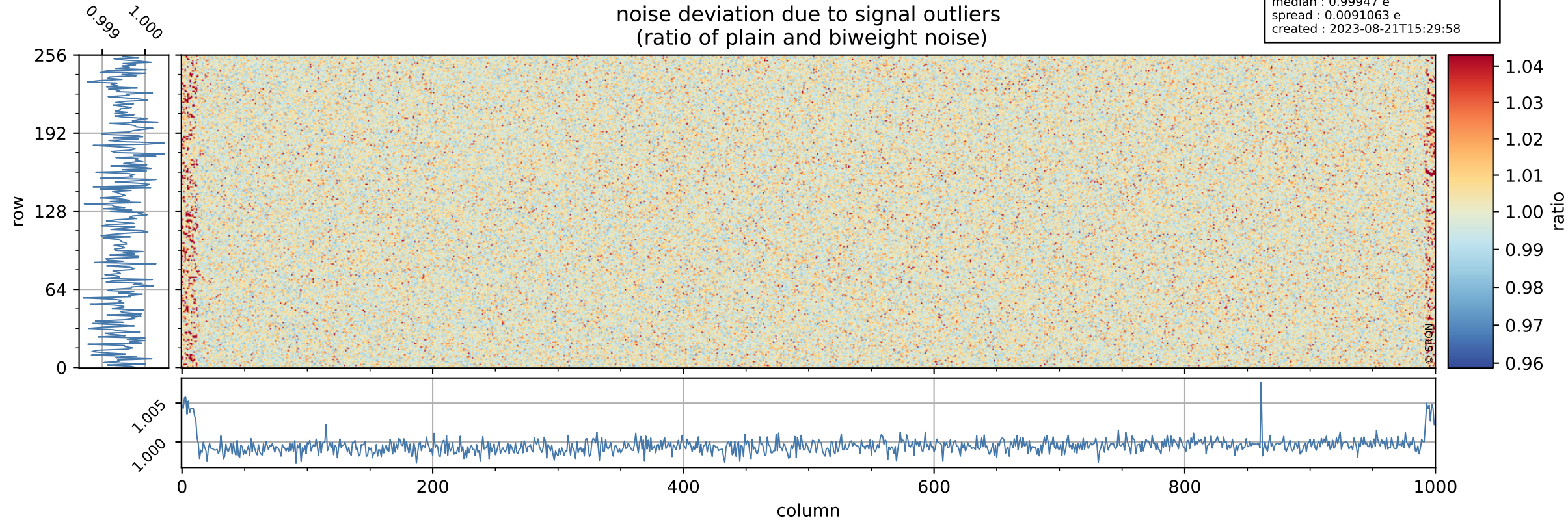
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

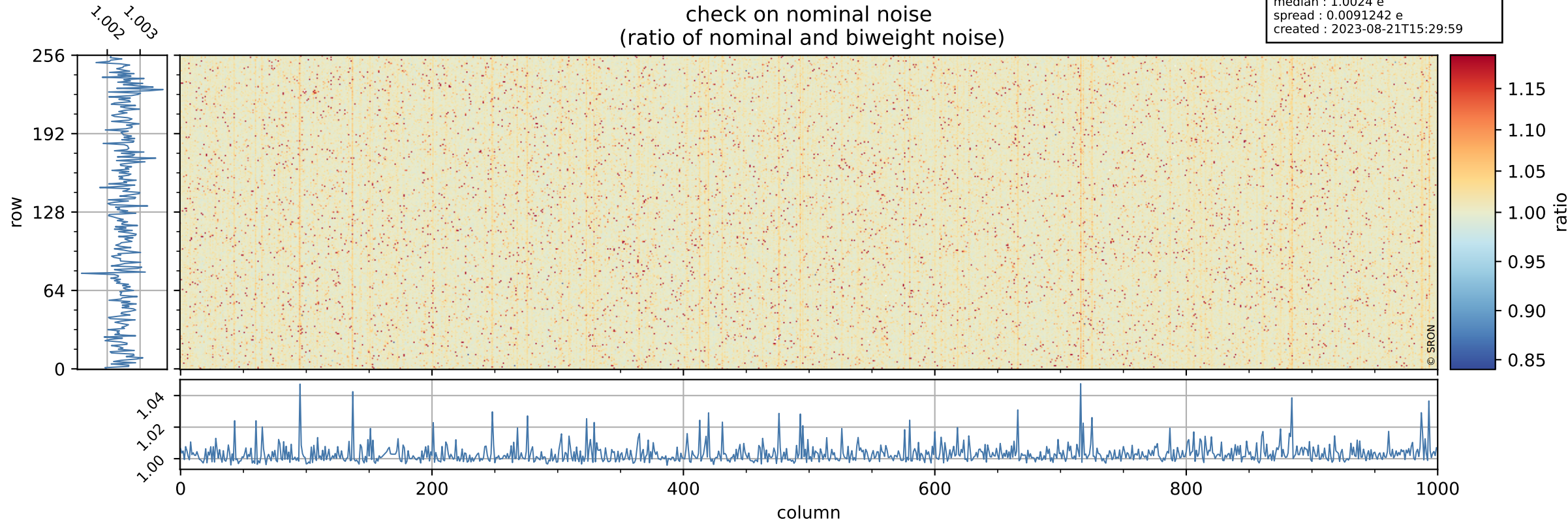
orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
median : 0.99947 e
spread : 0.0091063 e
created : 2023-08-21T15:29:58



Tropomi SWIR background noise (swir)

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

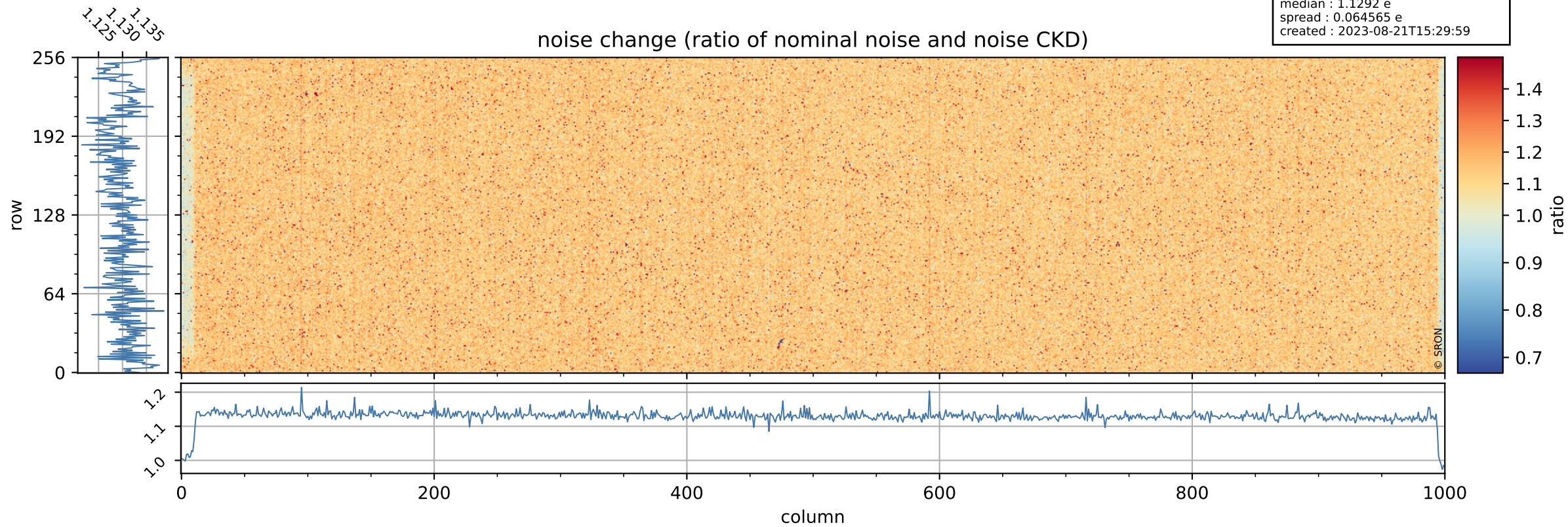
orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
median : 1.0024 e
spread : 0.0091242 e
created : 2023-08-21T15:29:59



Tropomi SWIR background noise (swir)

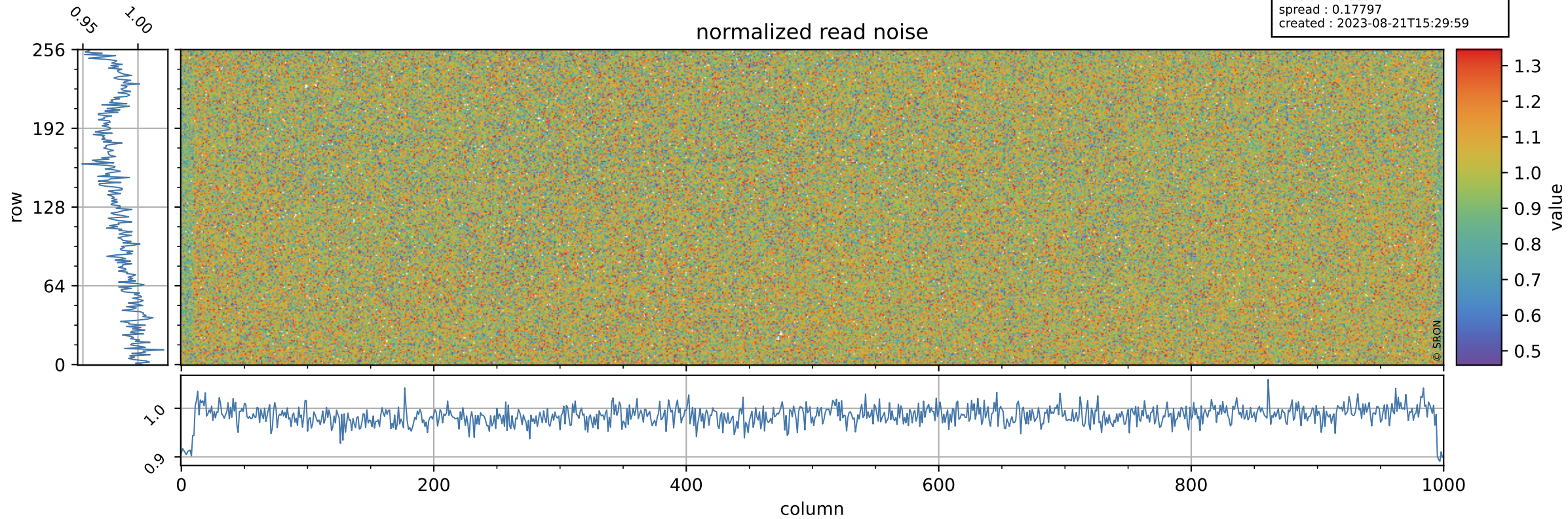
orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
median : 1.1292 e
spread : 0.064565 e
created : 2023-08-21T15:29:59

noise change (ratio of nominal noise and noise CKD)



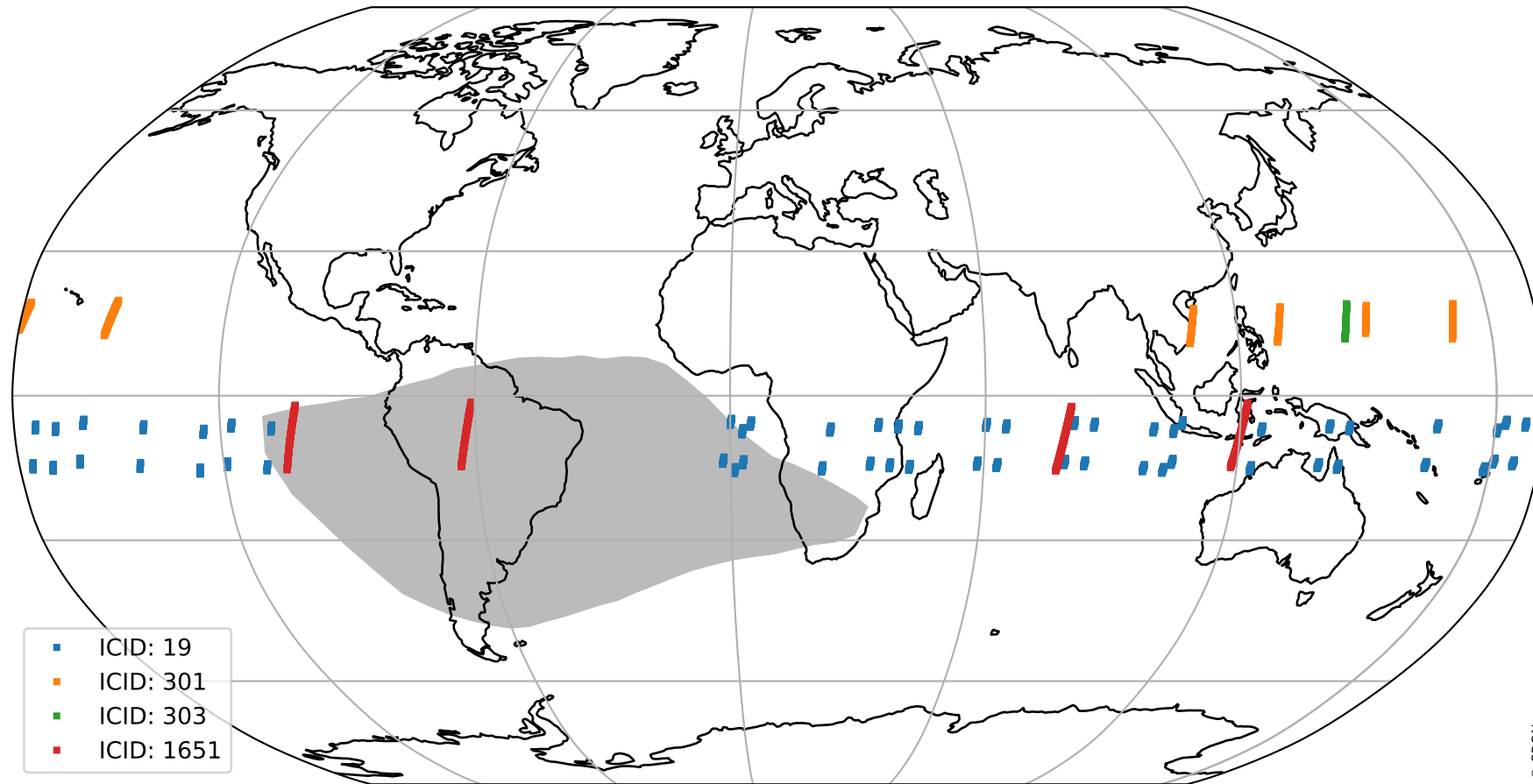
Tropomi SWIR background noise (swir)

orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
median : 0.98306
spread : 0.17797
created : 2023-08-21T15:29:59



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

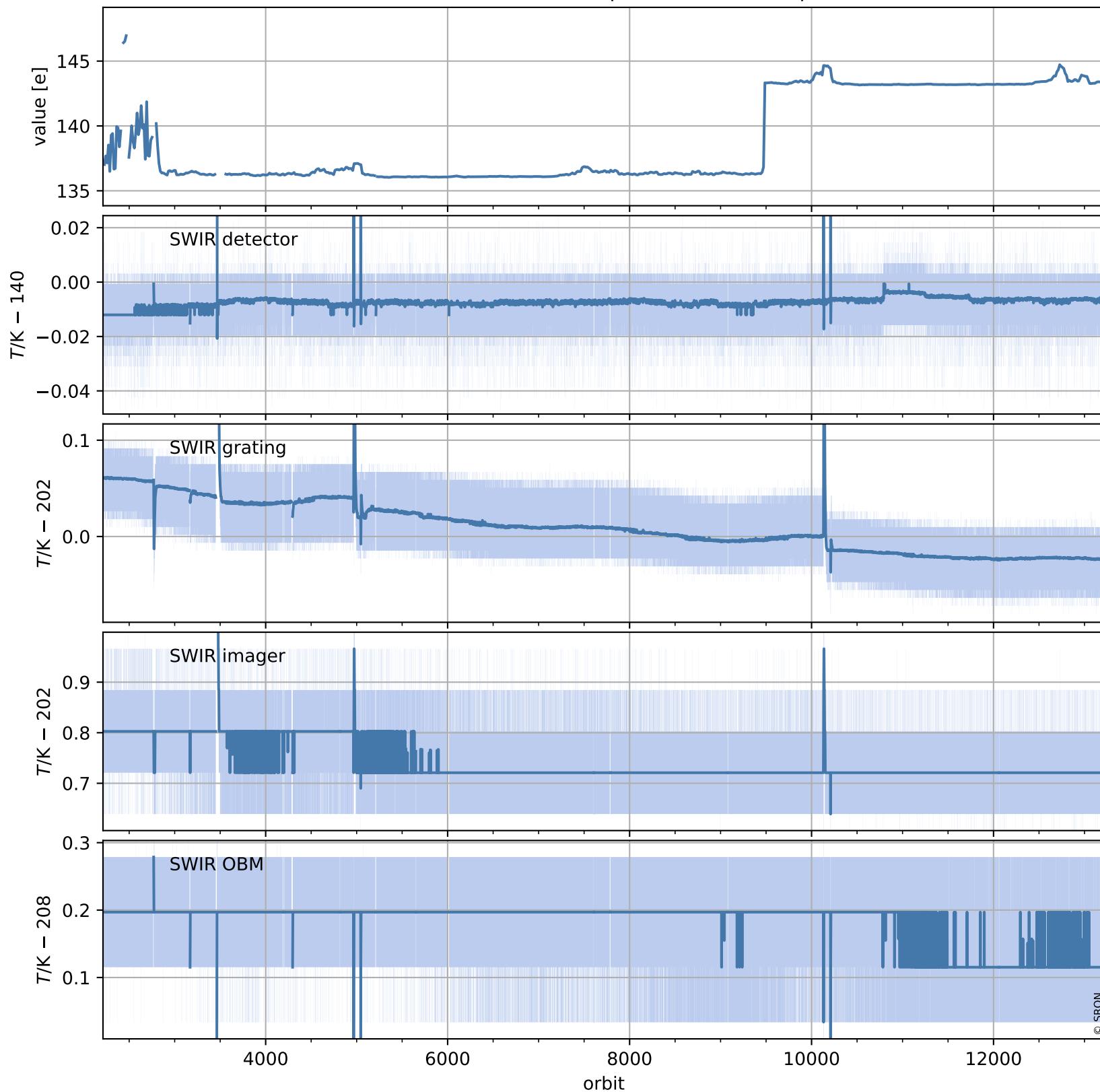
orbits : 12 in [13132, 13222]
coverage : 2020-04-26 / 2020-05-01
created : 2023-08-21T15:30:00



Tropomi SWIR background noise (swir)

orbits : [2212, 13222]
coverage : 2018-03-18 / 2020-05-01
created : 2023-08-21T15:30:00

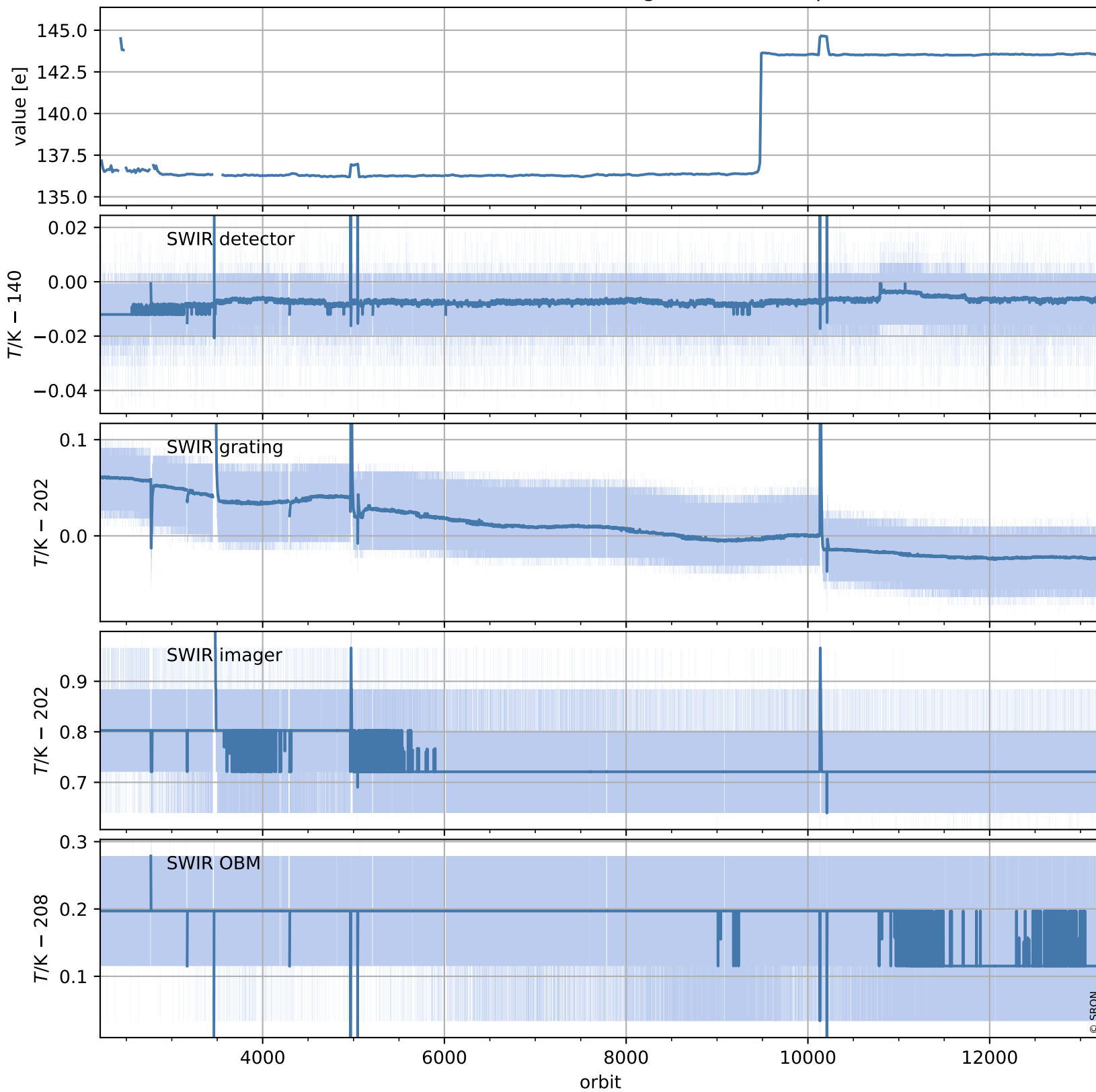
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13222]
coverage : 2018-03-18 / 2020-05-01
created : 2023-08-21T15:30:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13222]
coverage : 2018-03-18 / 2020-05-01
created : 2023-08-21T15:30:01

trend of normalized read-noise & temperatures

