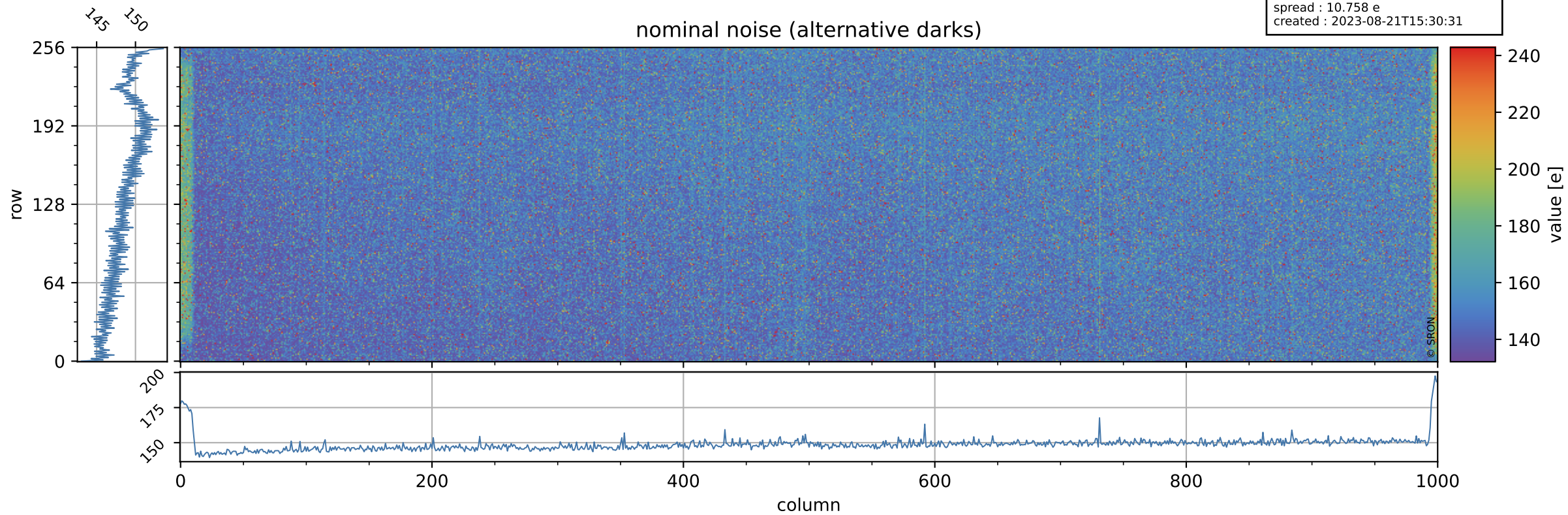


Tropomi SWIR background noise (swir)

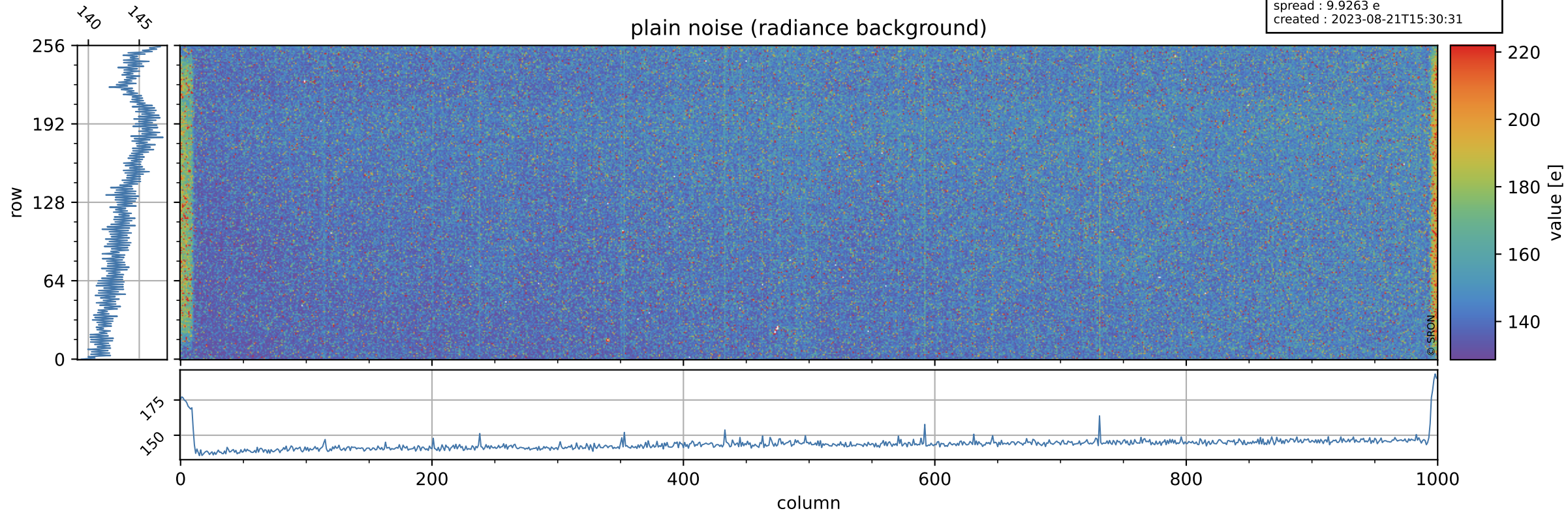
orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.758 e
created : 2023-08-21T15:30:31



Tropomi SWIR background noise (swir)

orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9263 e
created : 2023-08-21T15:30:31

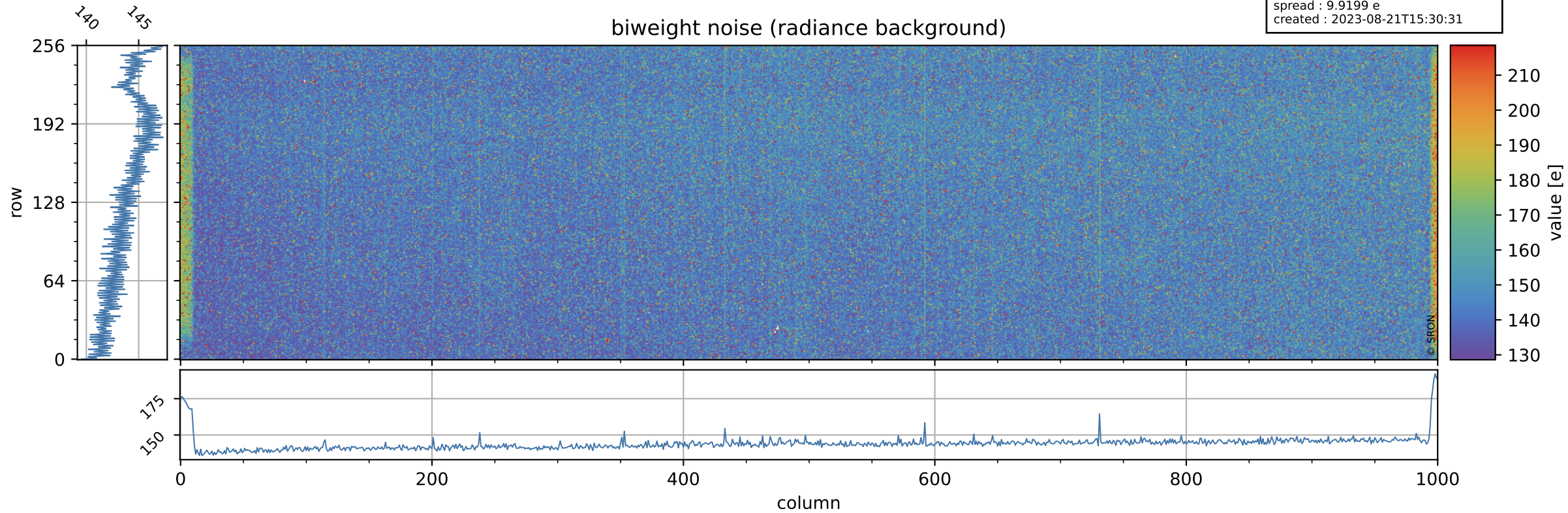
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.9199 e
created : 2023-08-21T15:30:31

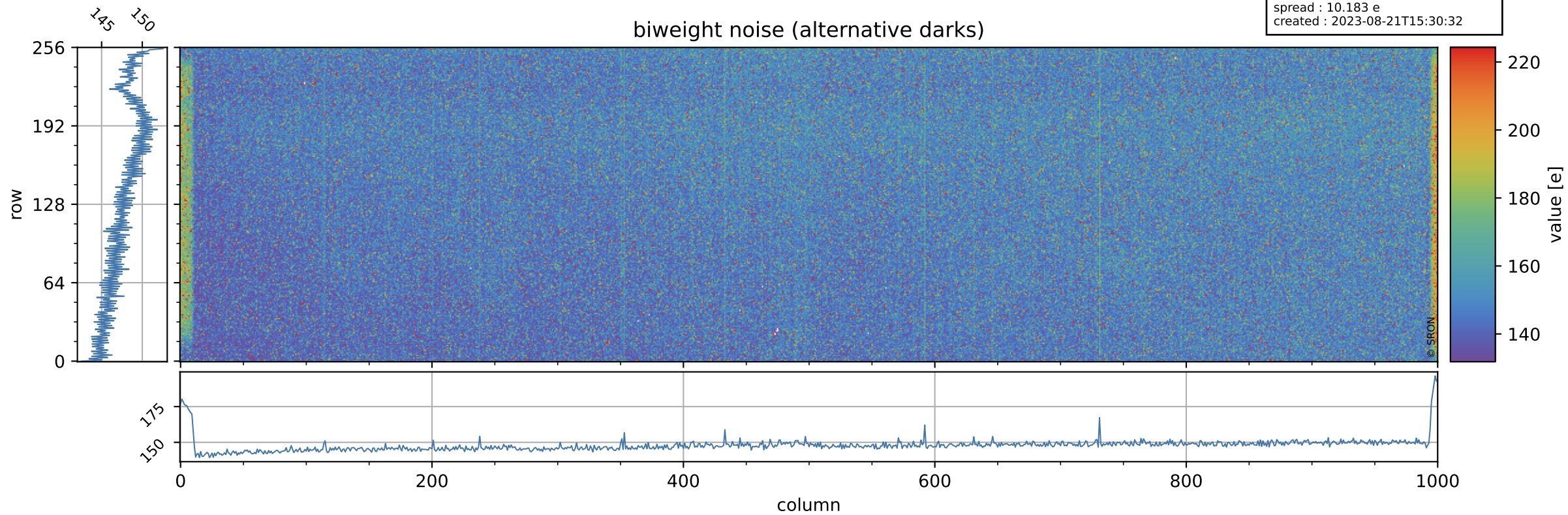
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.183 e
created : 2023-08-21T15:30:32

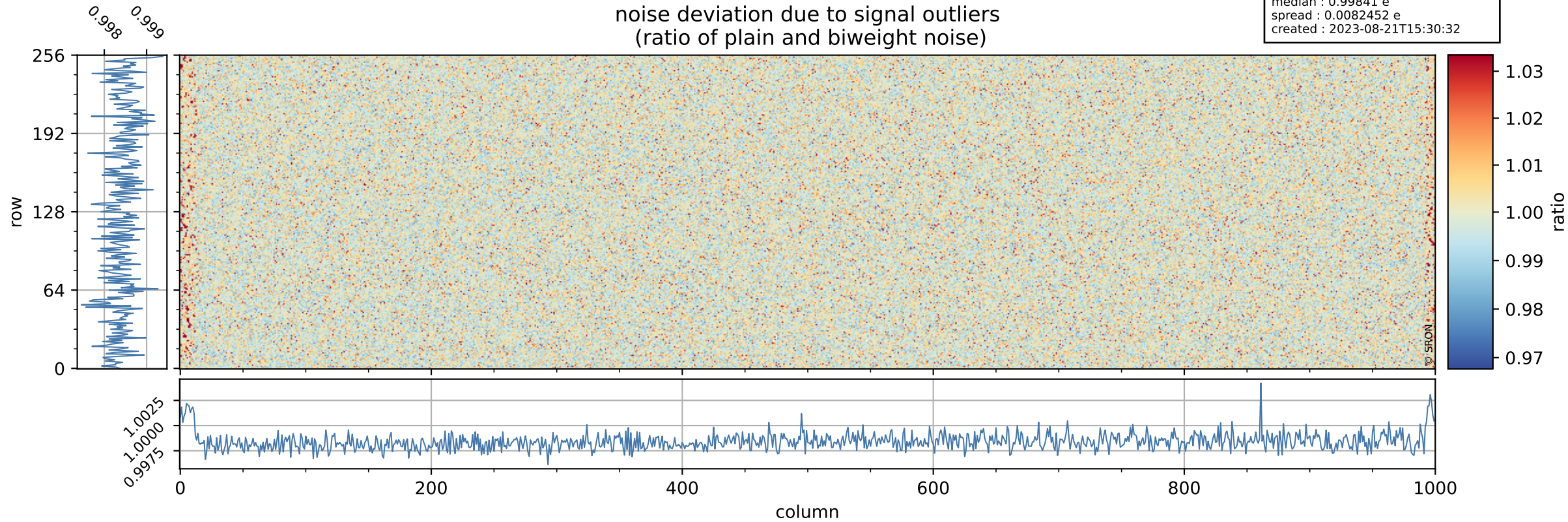
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

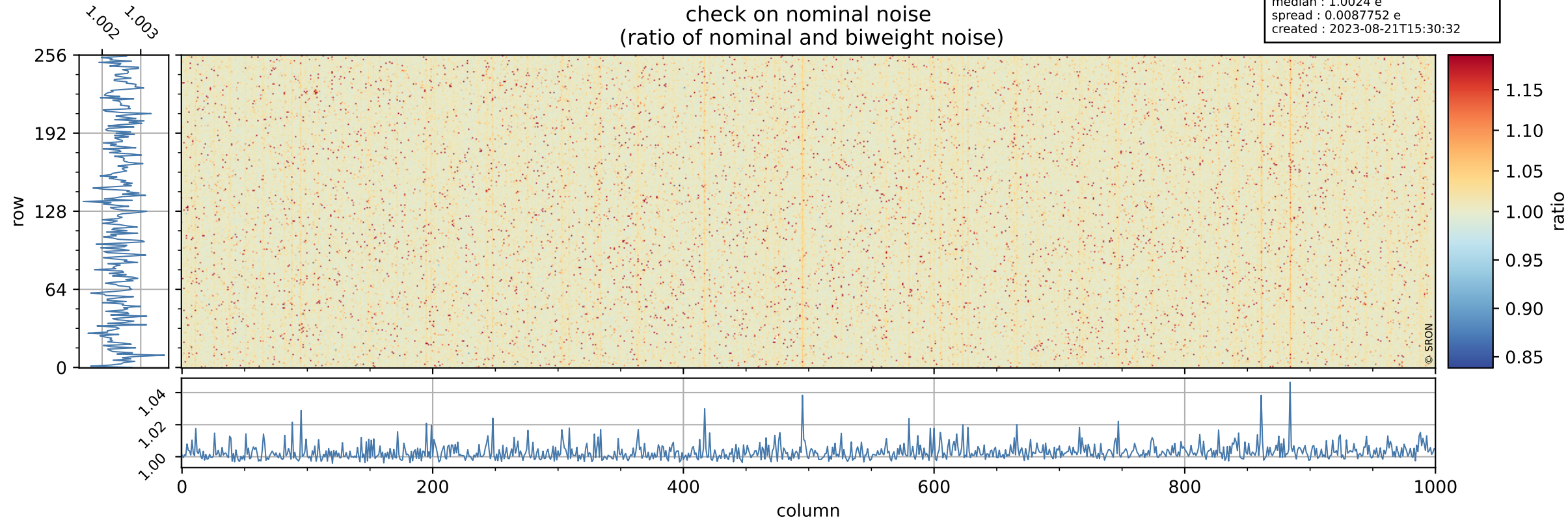
orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
median : 0.99841 e
spread : 0.0082452 e
created : 2023-08-21T15:30:32



Tropomi SWIR background noise (swir)

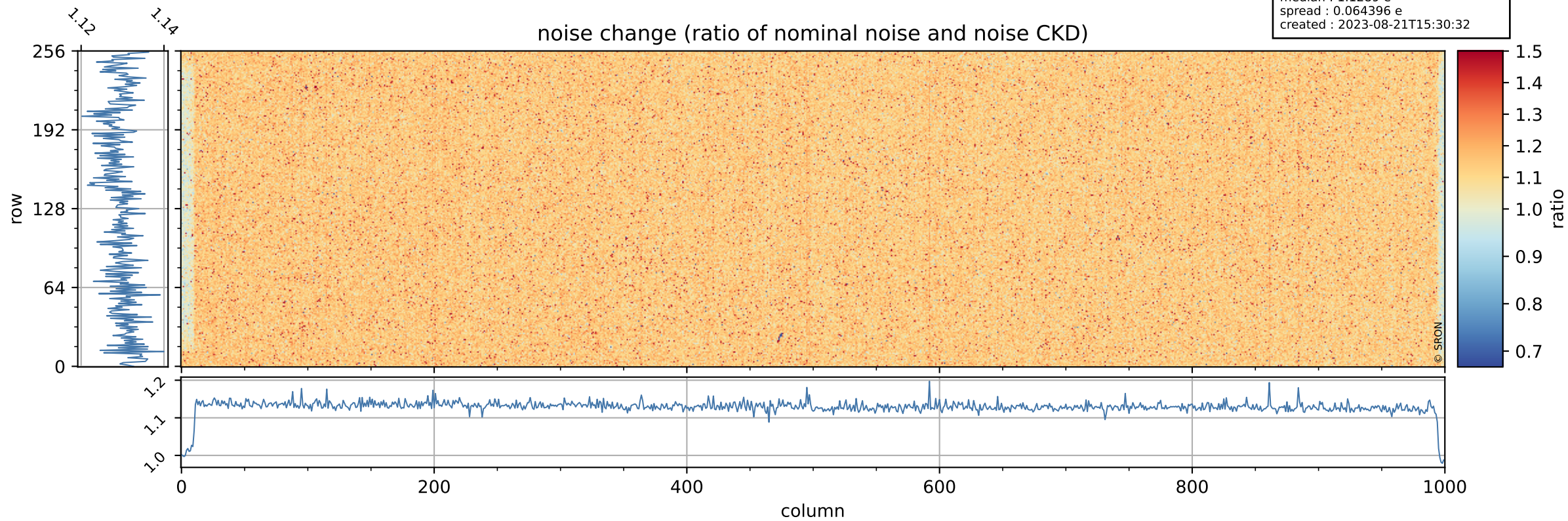
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
median : 1.0024 e
spread : 0.0087752 e
created : 2023-08-21T15:30:32



Tropomi SWIR background noise (swir)

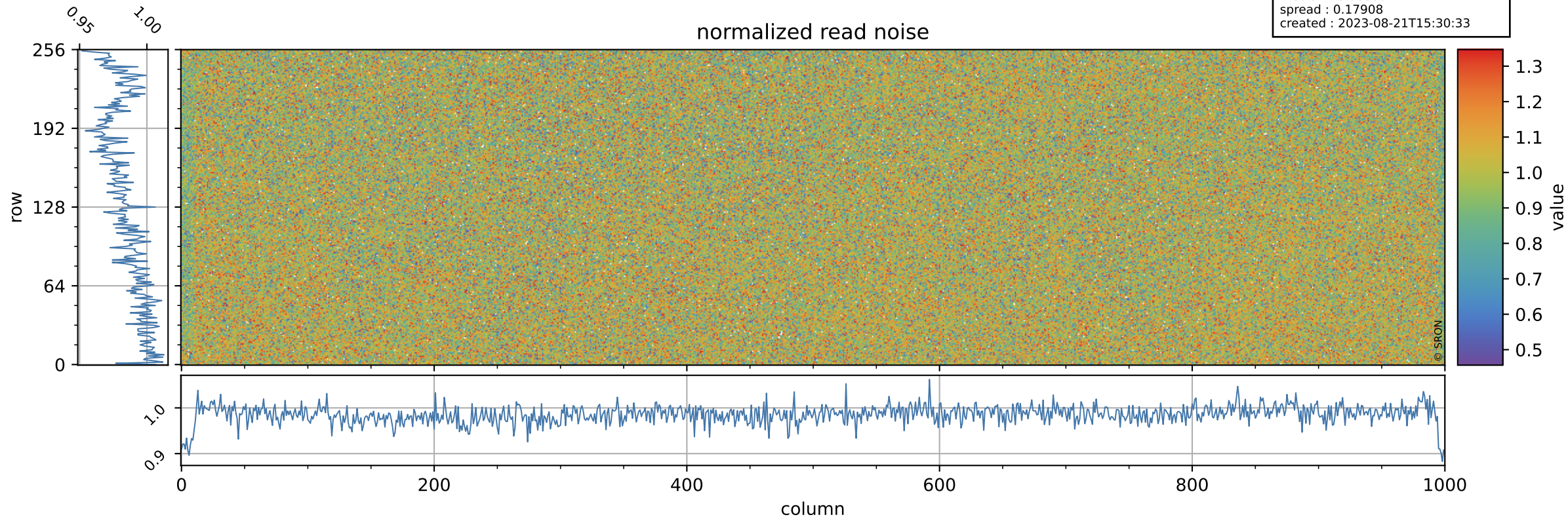
orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
median : 1.1289 e
spread : 0.064396 e
created : 2023-08-21T15:30:32



Tropomi SWIR background noise (swir)

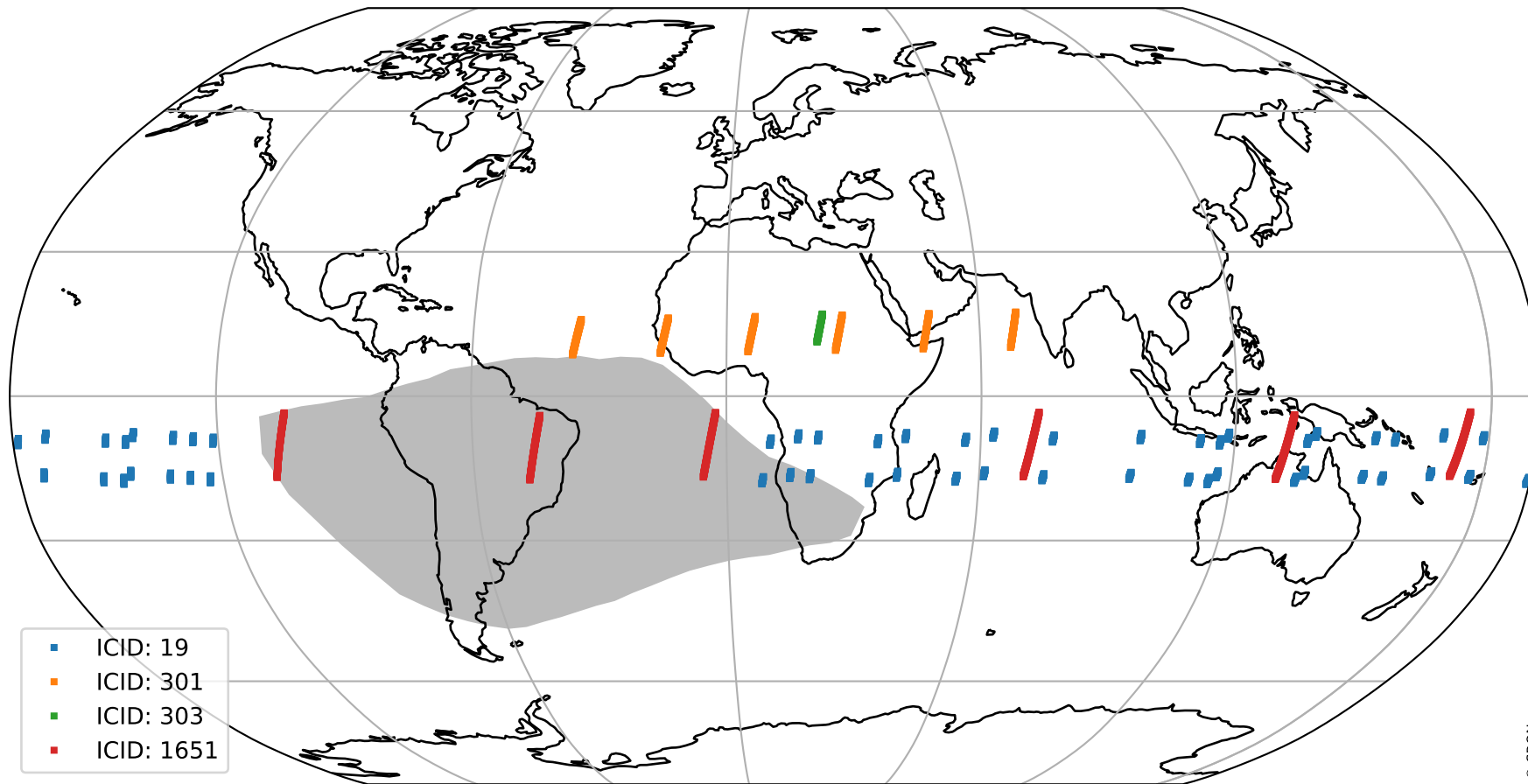
orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
median : 0.98399
spread : 0.17908
created : 2023-08-21T15:30:33

normalized read noise



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

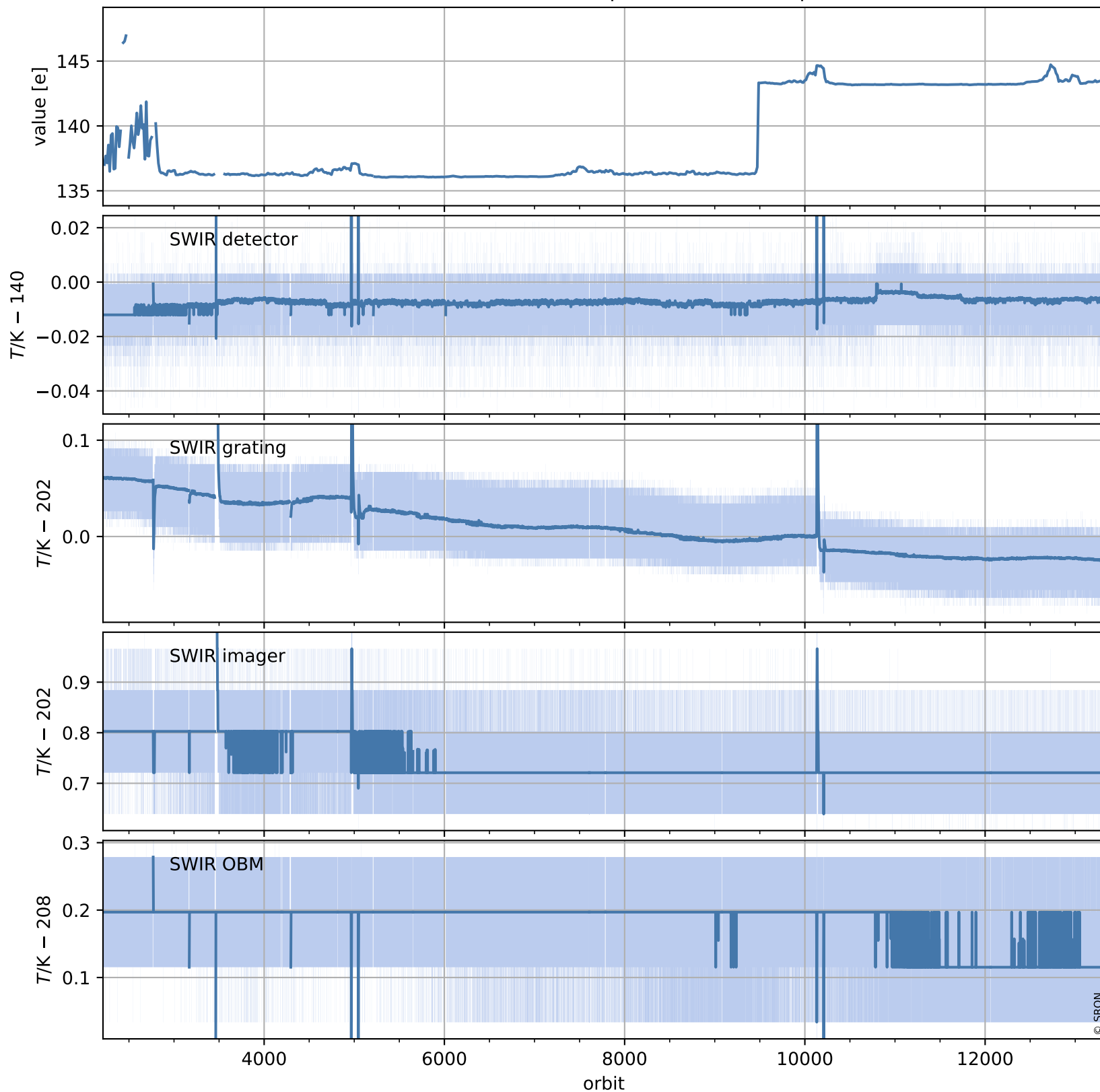
orbits : 13 in [13252, 13327]
coverage : 2020-05-03 / 2020-05-09
created : 2023-08-21T15:30:33



Tropomi SWIR background noise (swir)

orbits : [2212, 13327]
coverage : 2018-03-18 / 2020-05-09
created : 2023-08-21T15:30:33

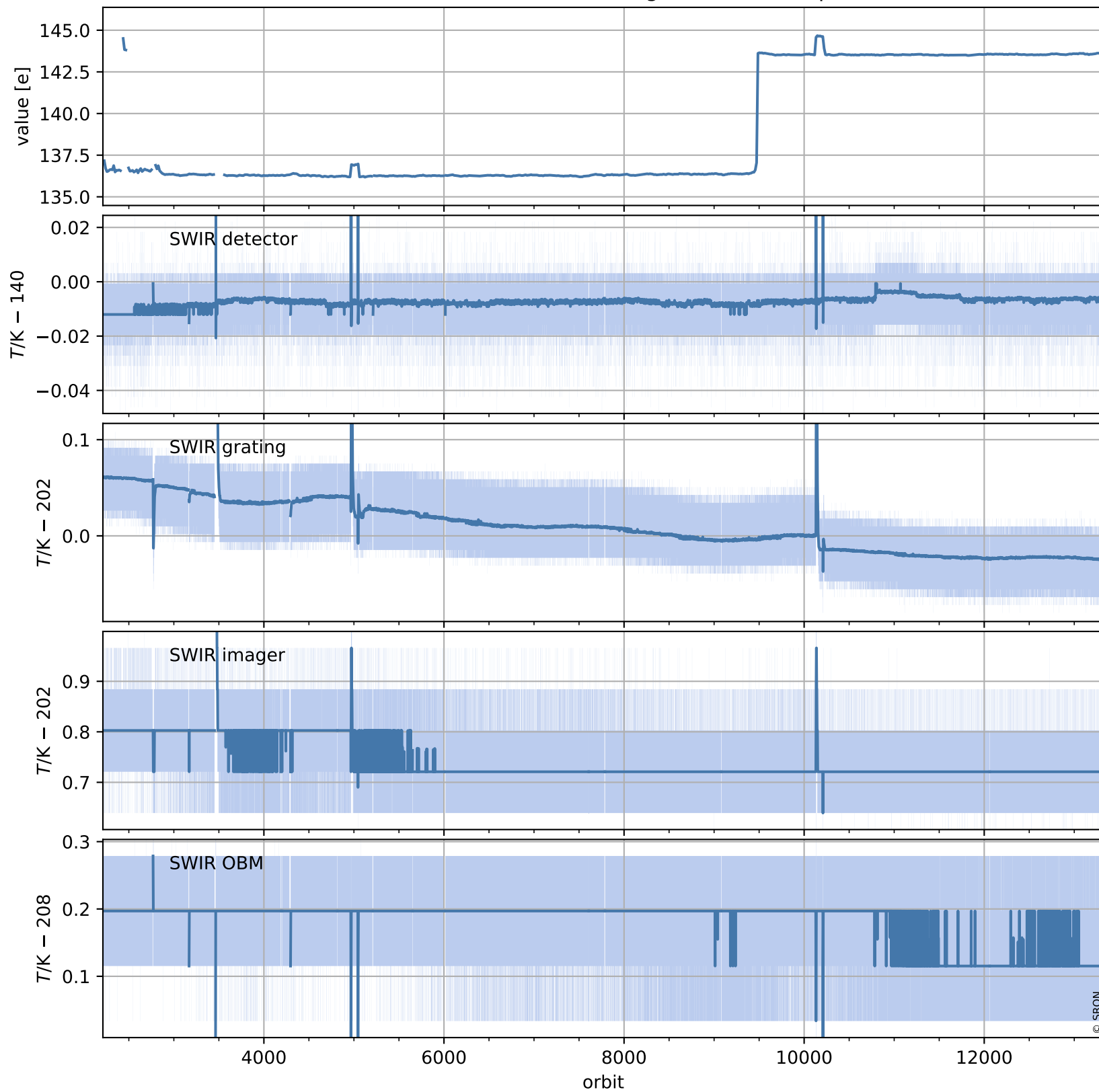
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13327]
coverage : 2018-03-18 / 2020-05-09
created : 2023-08-21T15:30:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13327]
coverage : 2018-03-18 / 2020-05-09
created : 2023-08-21T15:30:35

trend of normalized read-noise & temperatures

