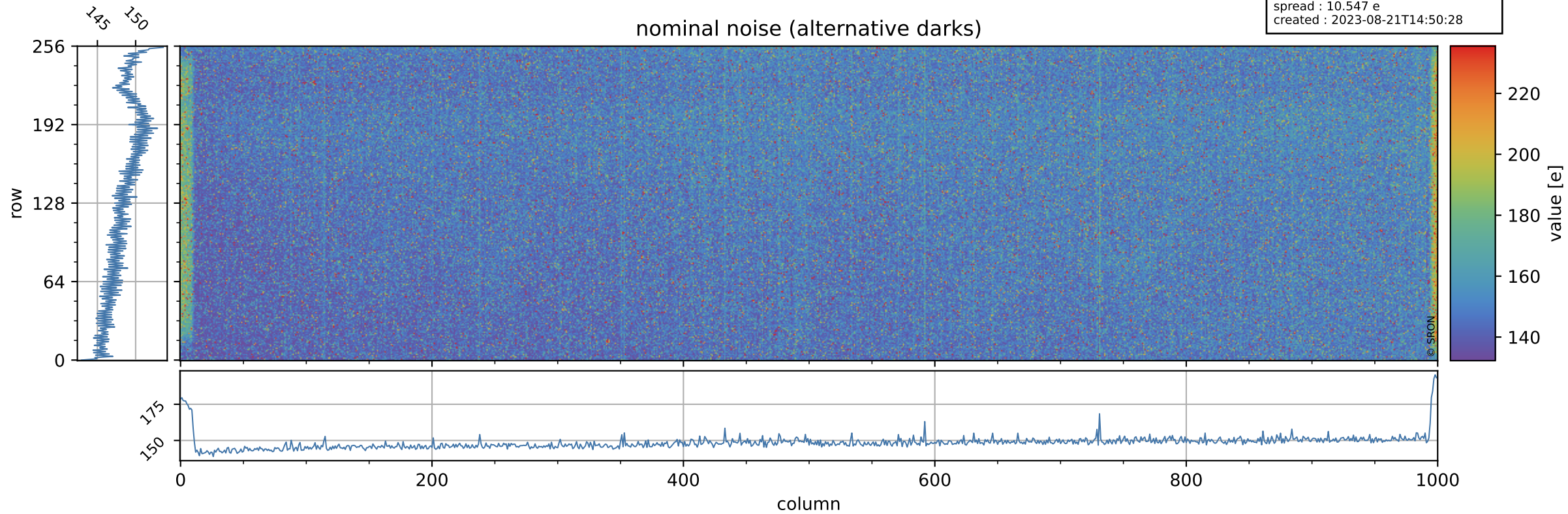


Tropomi SWIR background noise (swir)

orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.547 e
created : 2023-08-21T14:50:28

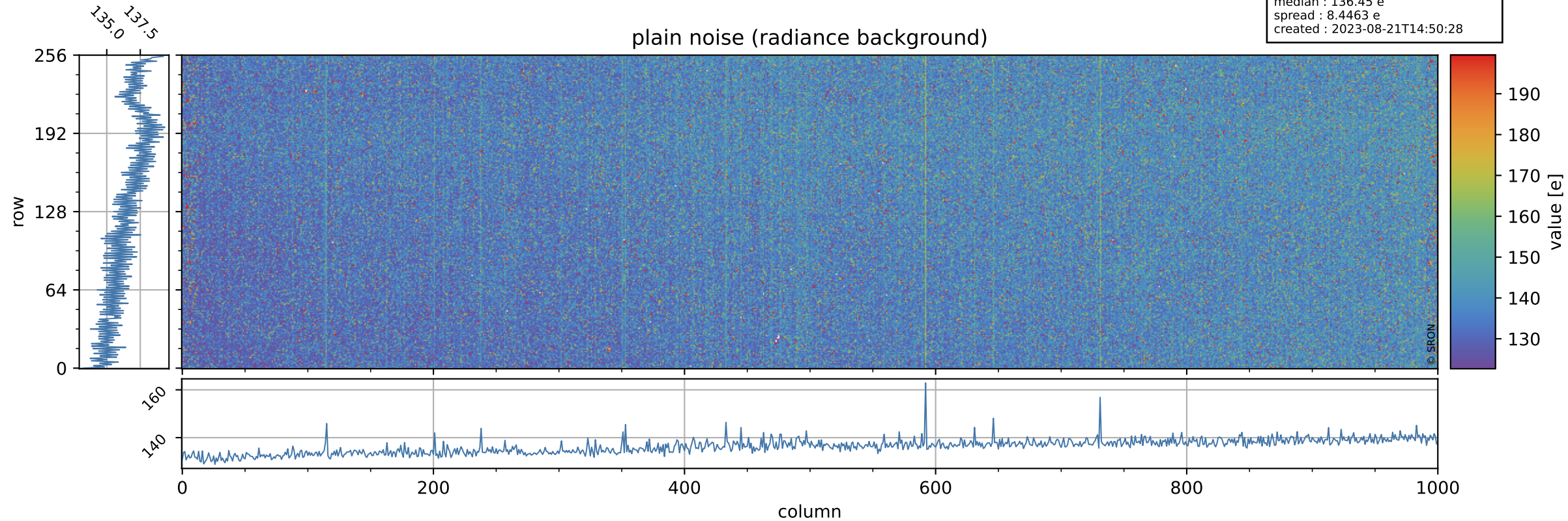
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
n_coad, t_exp : 2, 0.5383
median : 136.45 e
spread : 8.4463 e
created : 2023-08-21T14:50:28

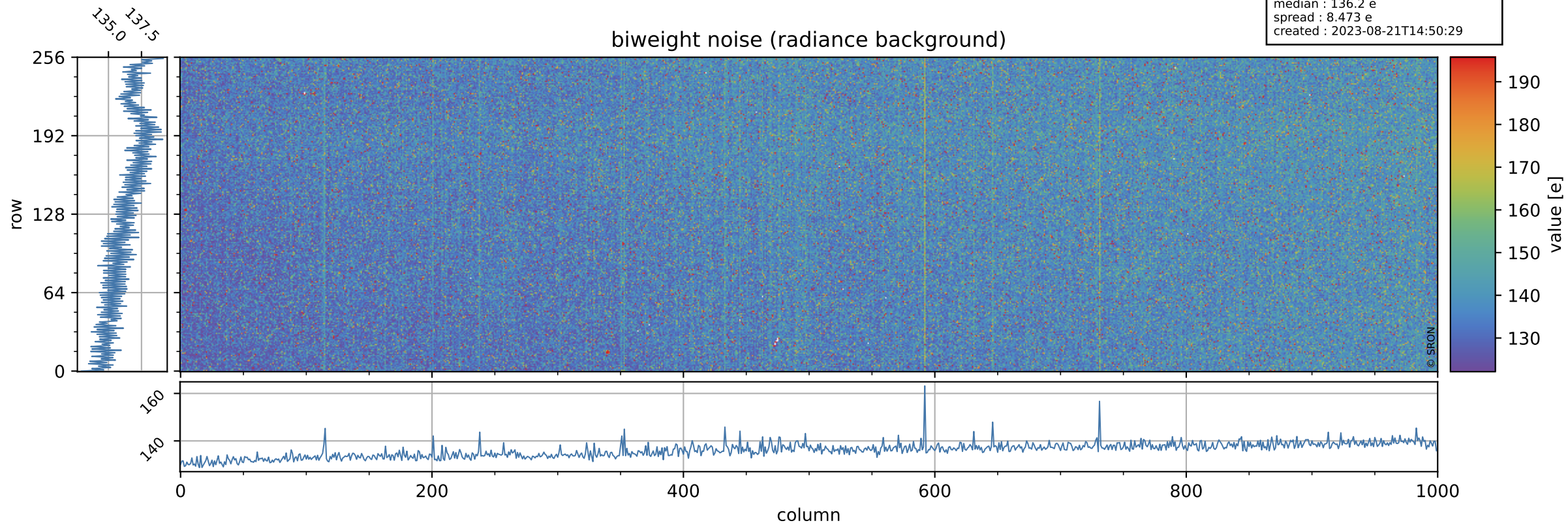
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.473 e
created : 2023-08-21T14:50:29

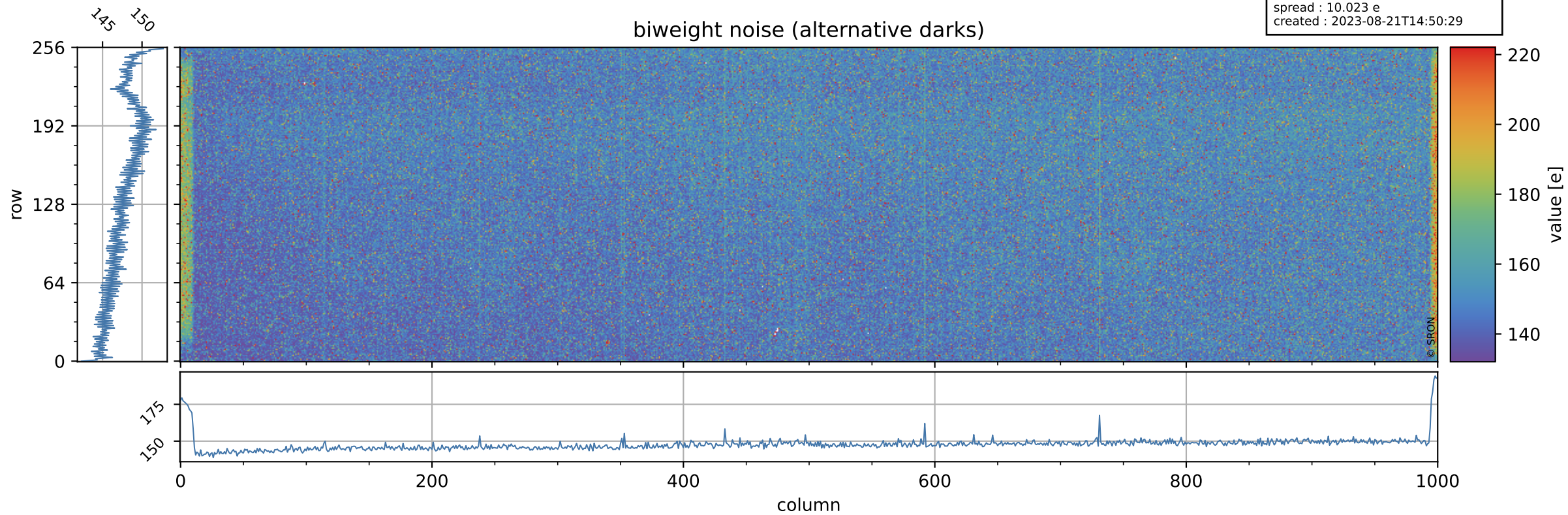
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 10.023 e
created : 2023-08-21T14:50:29

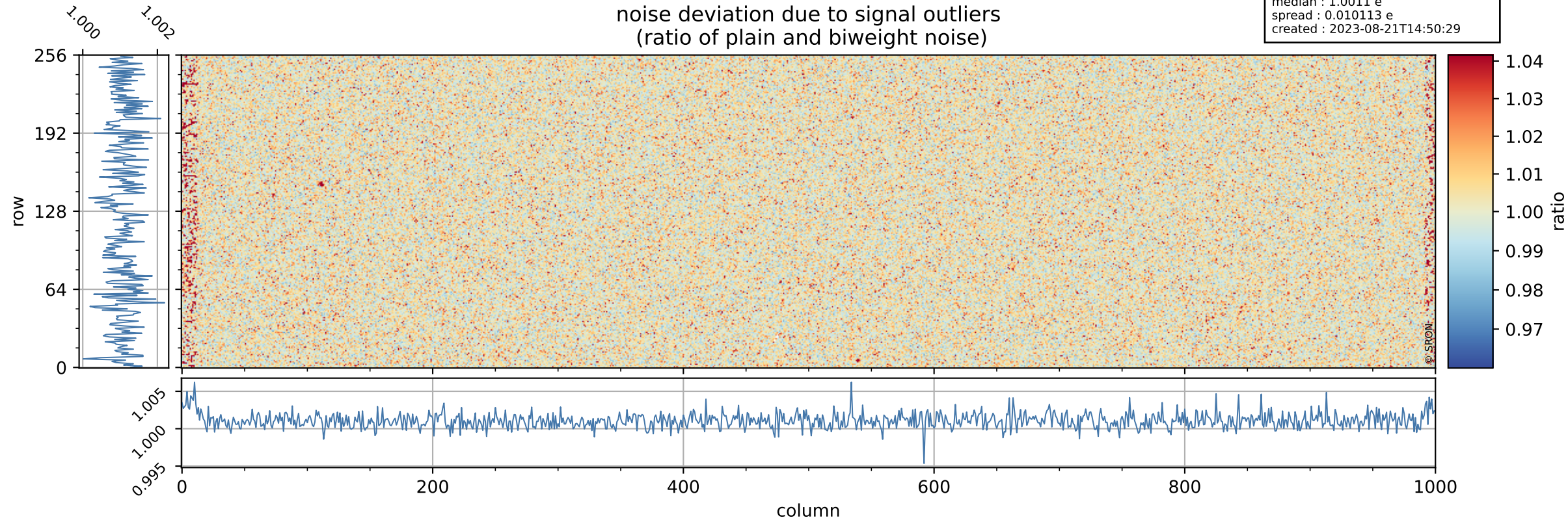
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

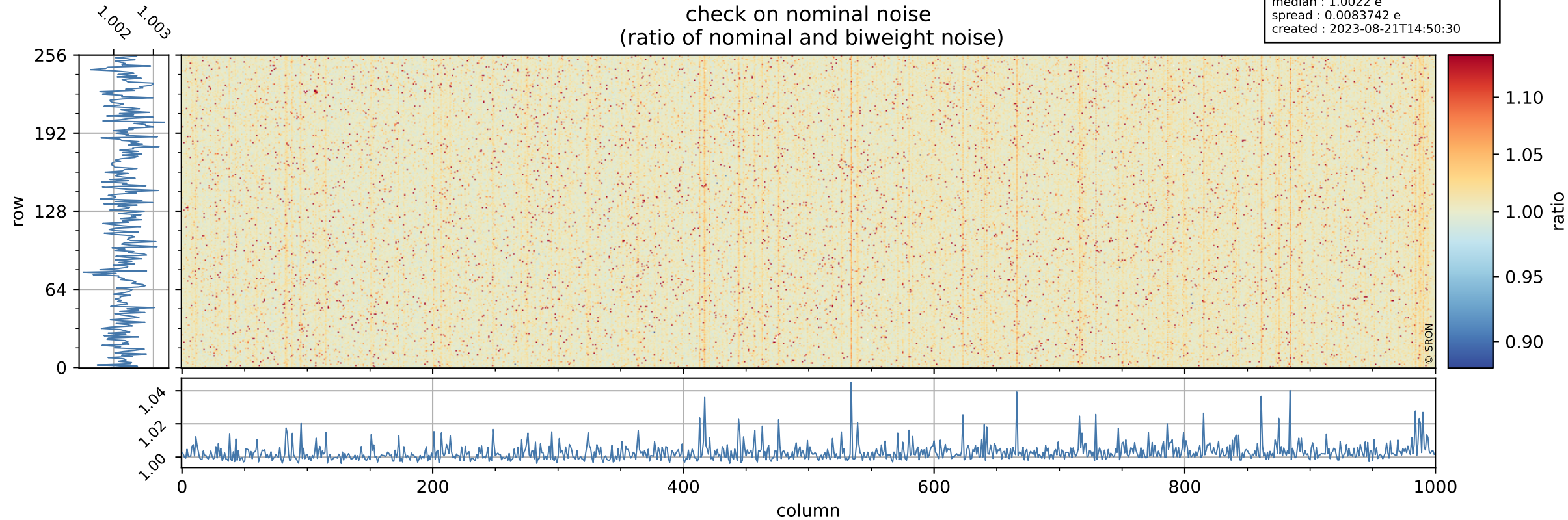
orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
median : 1.0011 e
spread : 0.010113 e
created : 2023-08-21T14:50:29



Tropomi SWIR background noise (swir)

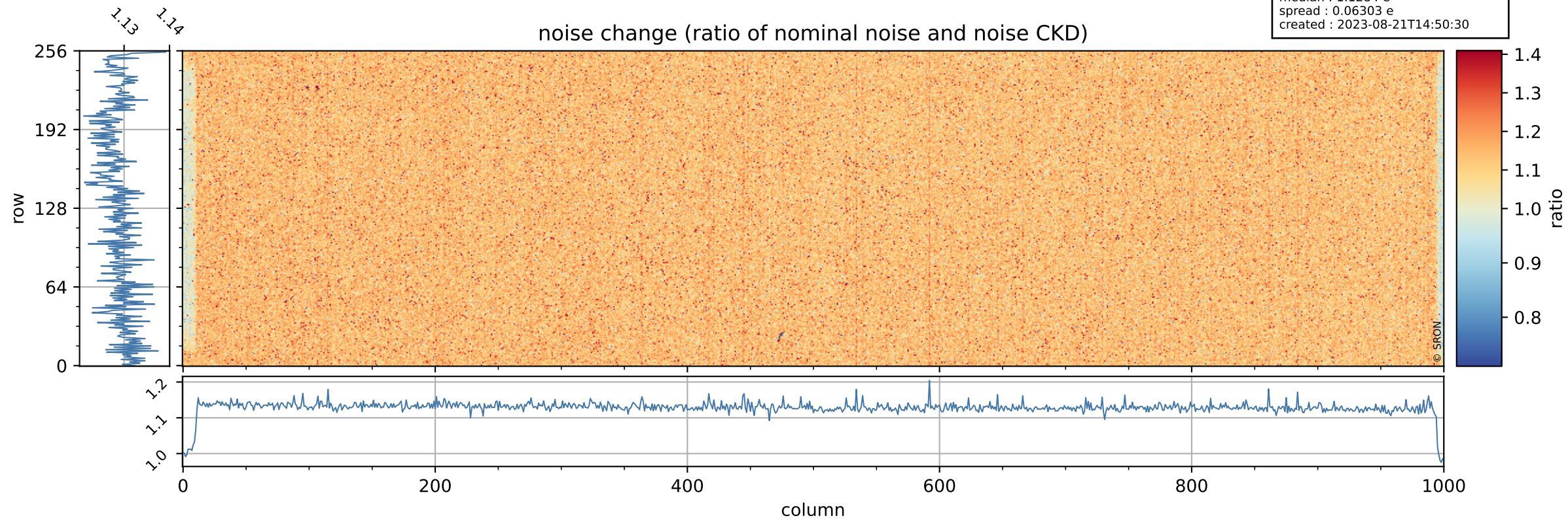
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
median : 1.0022 e
spread : 0.0083742 e
created : 2023-08-21T14:50:30



Tropomi SWIR background noise (swir)

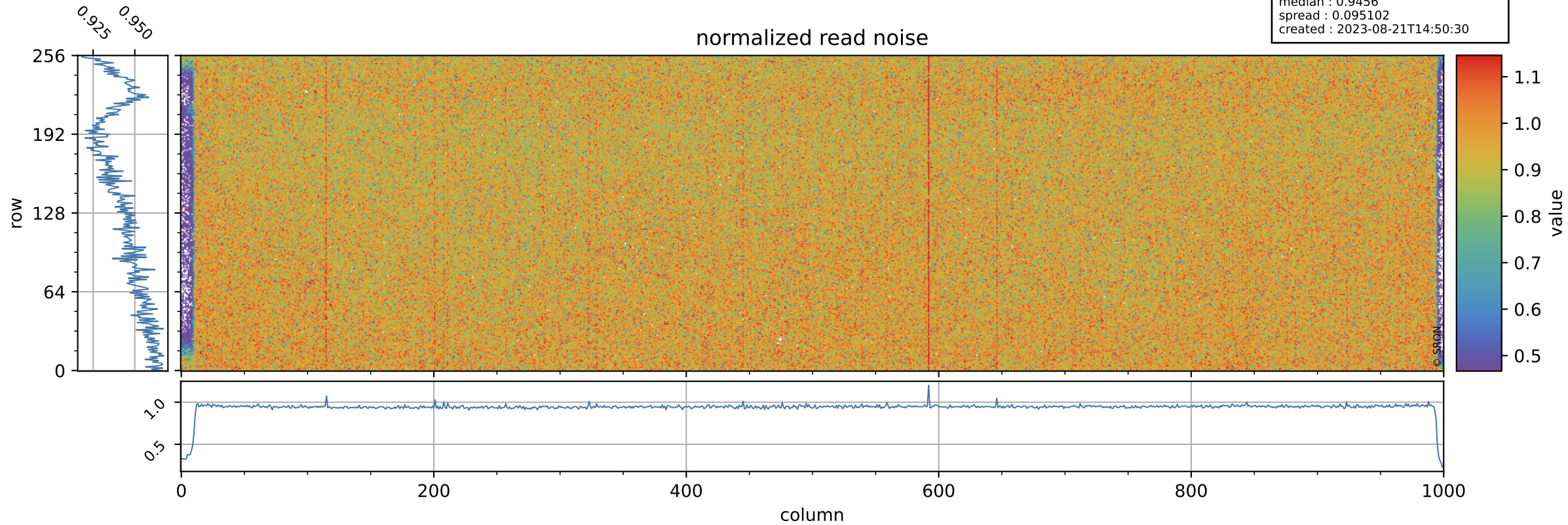
orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
median : 1.1284 e
spread : 0.06303 e
created : 2023-08-21T14:50:30



Tropomi SWIR background noise (swir)

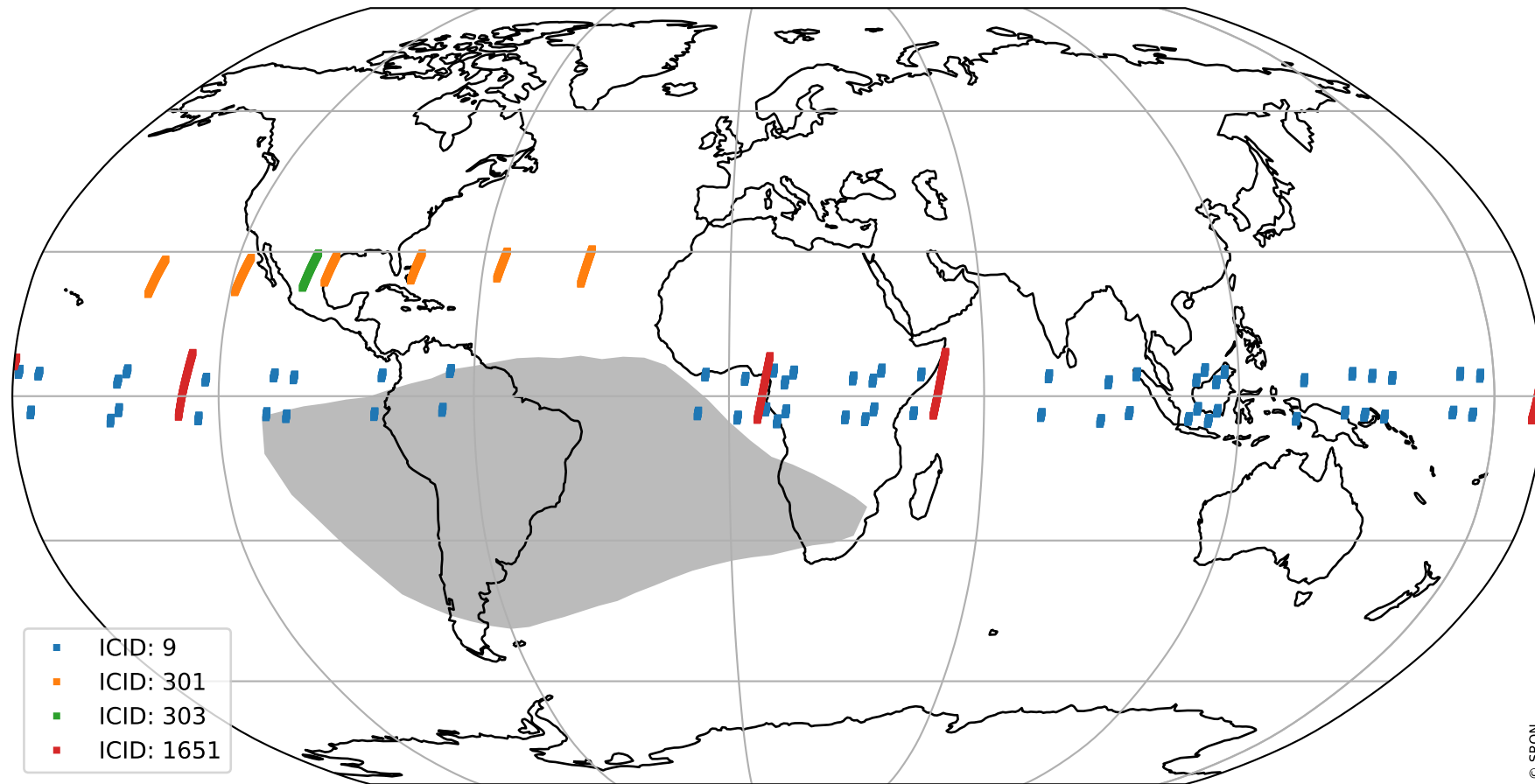
orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
median : 0.9456
spread : 0.095102
created : 2023-08-21T14:50:30

normalized read noise



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

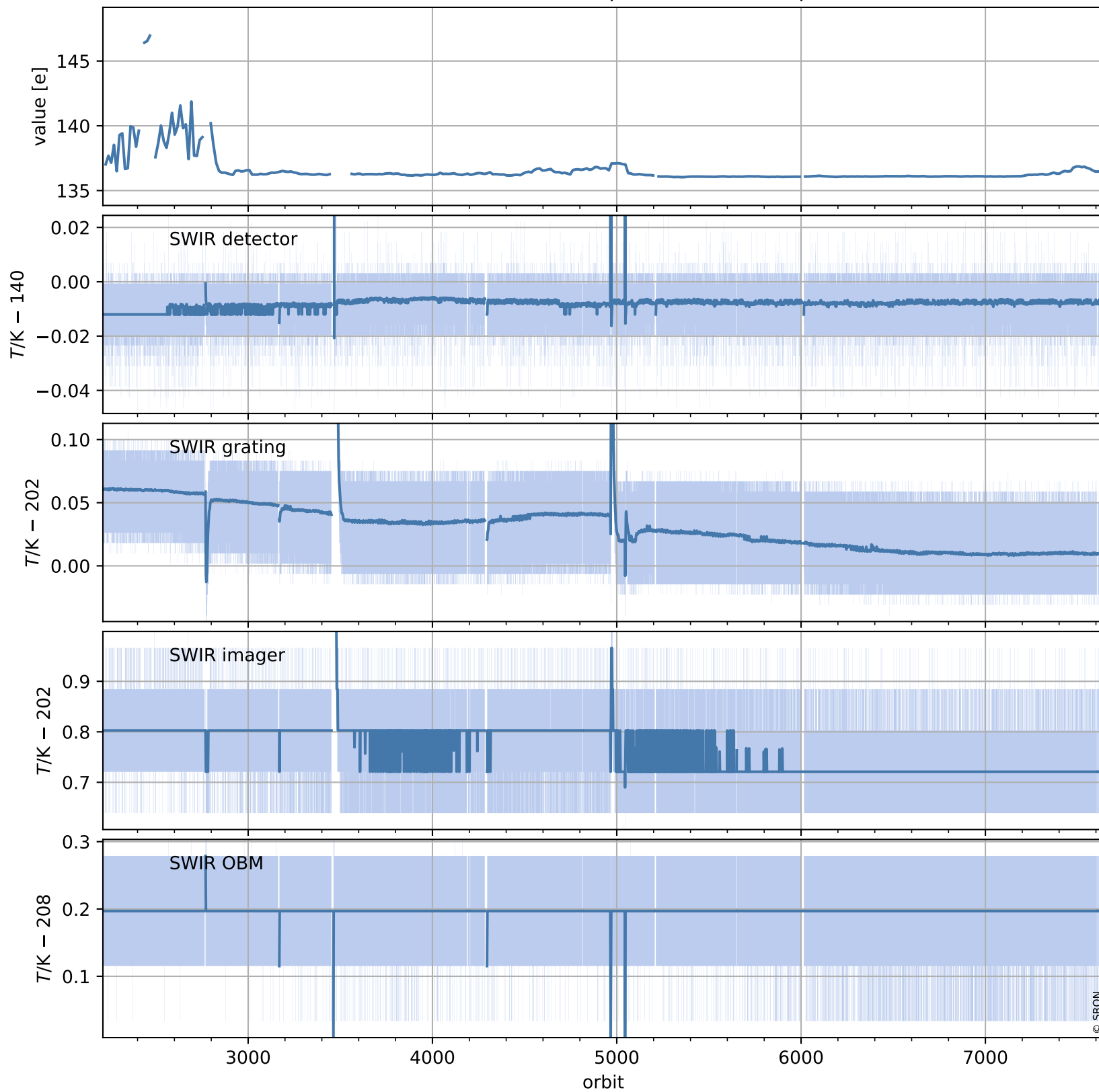
orbits : 11 in [7552, 7642]
coverage : 2019-03-30 / 2019-04-04
created : 2023-08-21T14:50:31



Tropomi SWIR background noise (swir)

orbits : [2212, 7642]
coverage : 2018-03-18 / 2019-04-04
created : 2023-08-21T14:50:31

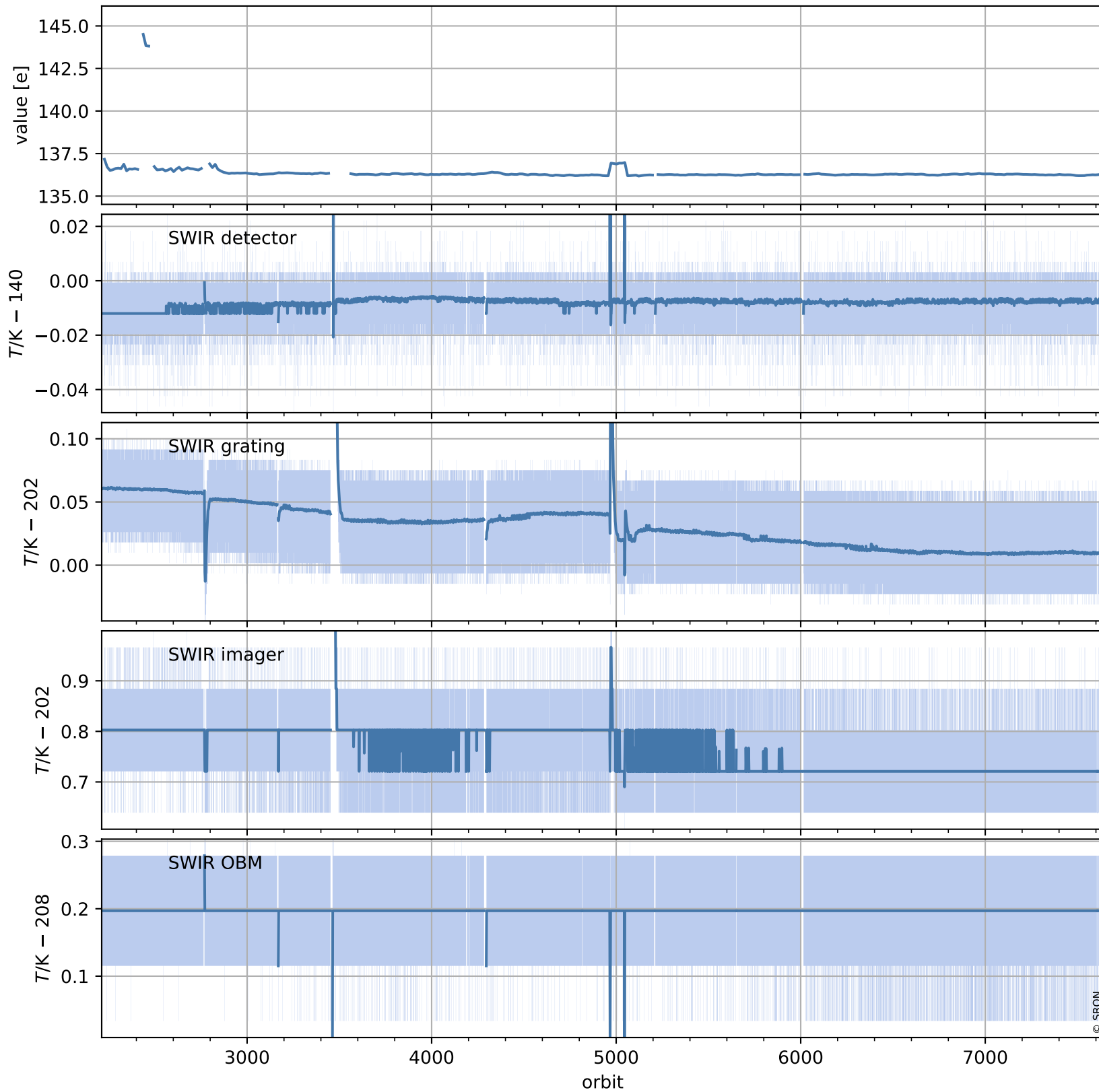
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7642]
coverage : 2018-03-18 / 2019-04-04
created : 2023-08-21T14:50:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7642]
coverage : 2018-03-18 / 2019-04-04
created : 2023-08-21T14:50:32

trend of normalized read-noise & temperatures

