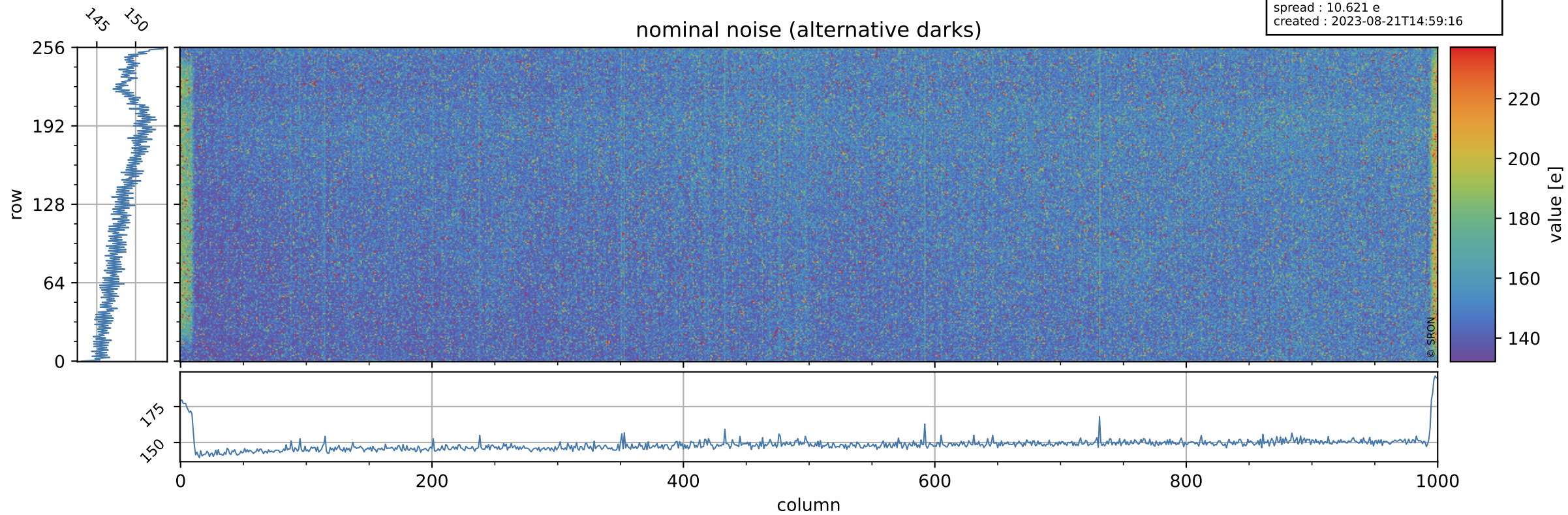


Tropomi SWIR background noise (swir)

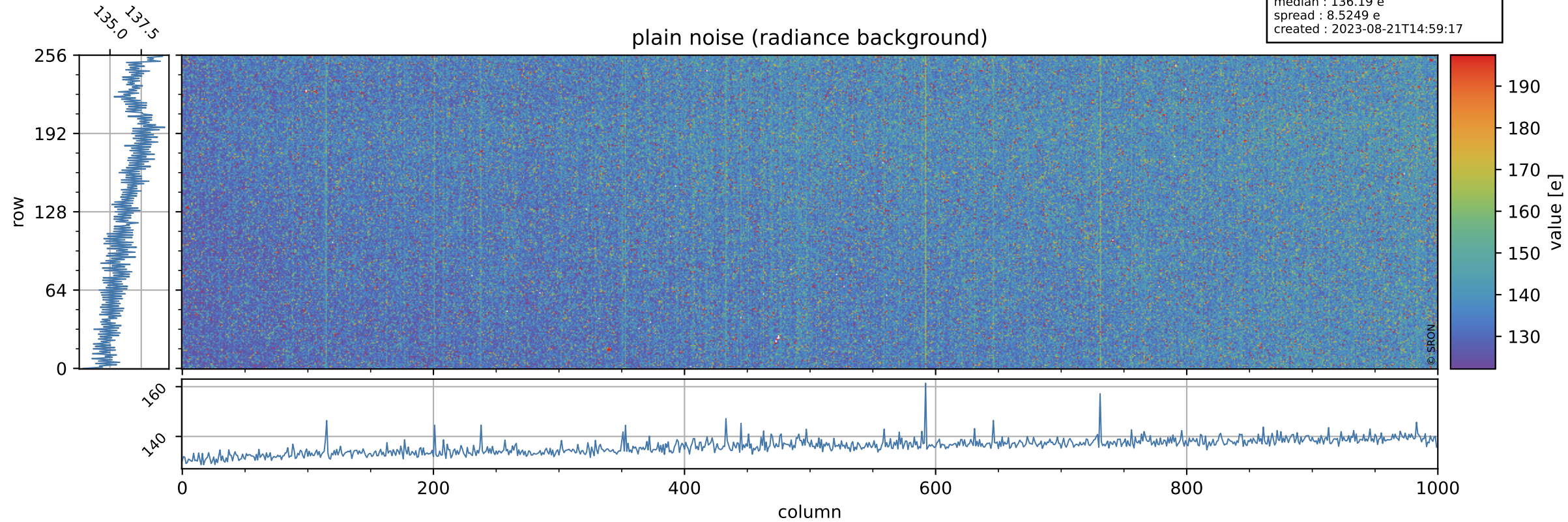
orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.621 e
created : 2023-08-21T14:59:16



Tropomi SWIR background noise (swir)

orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5249 e
created : 2023-08-21T14:59:17

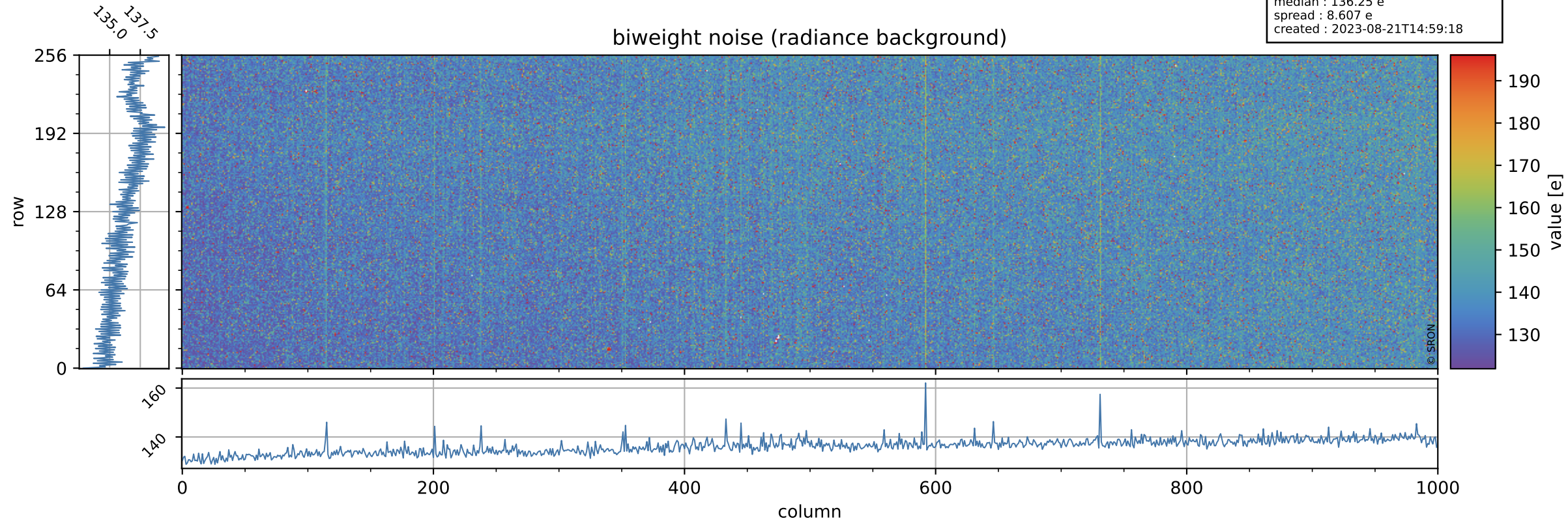
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.607 e
created : 2023-08-21T14:59:18

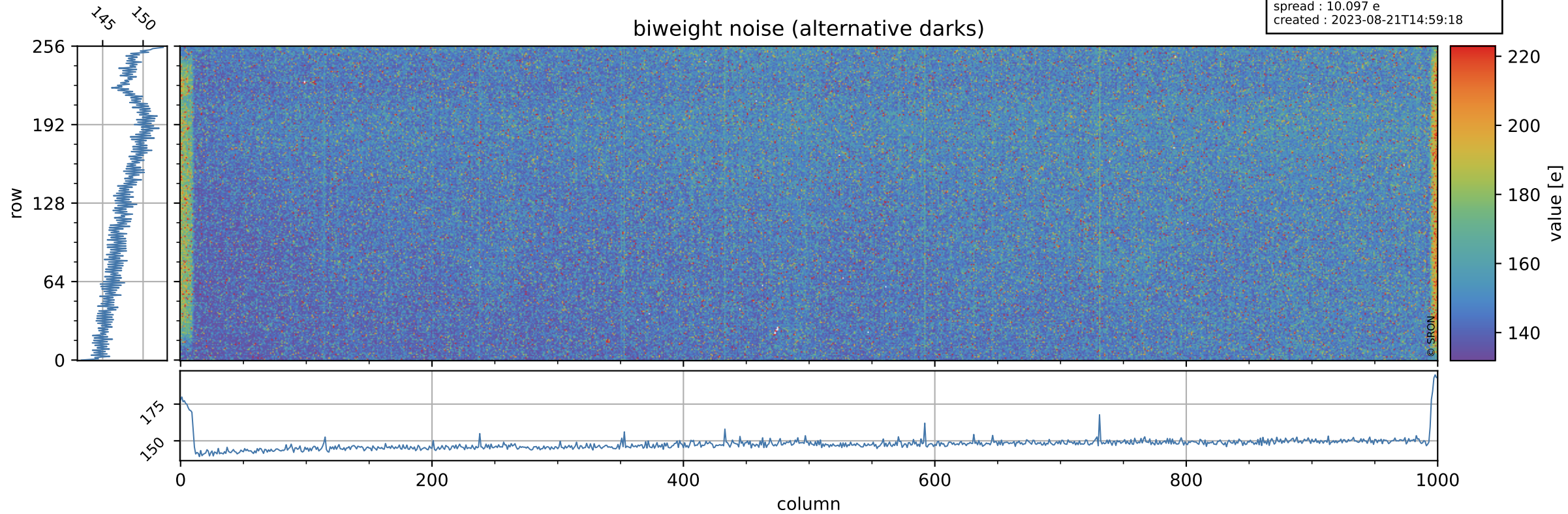
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.097 e
created : 2023-08-21T14:59:18

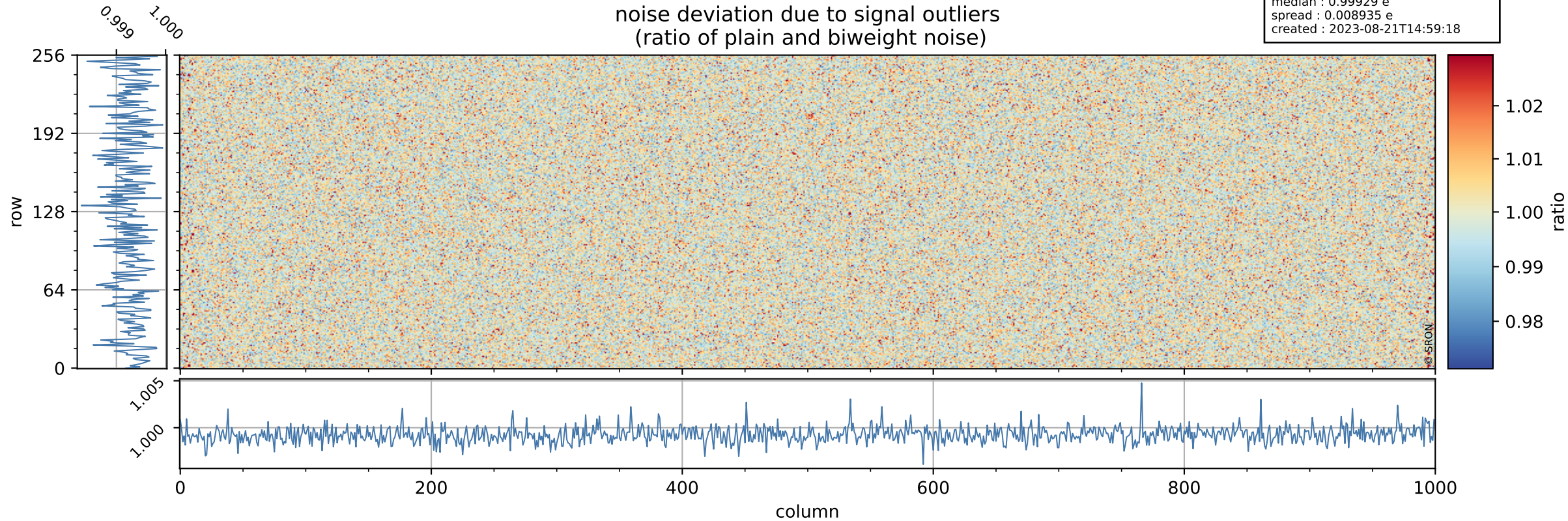
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

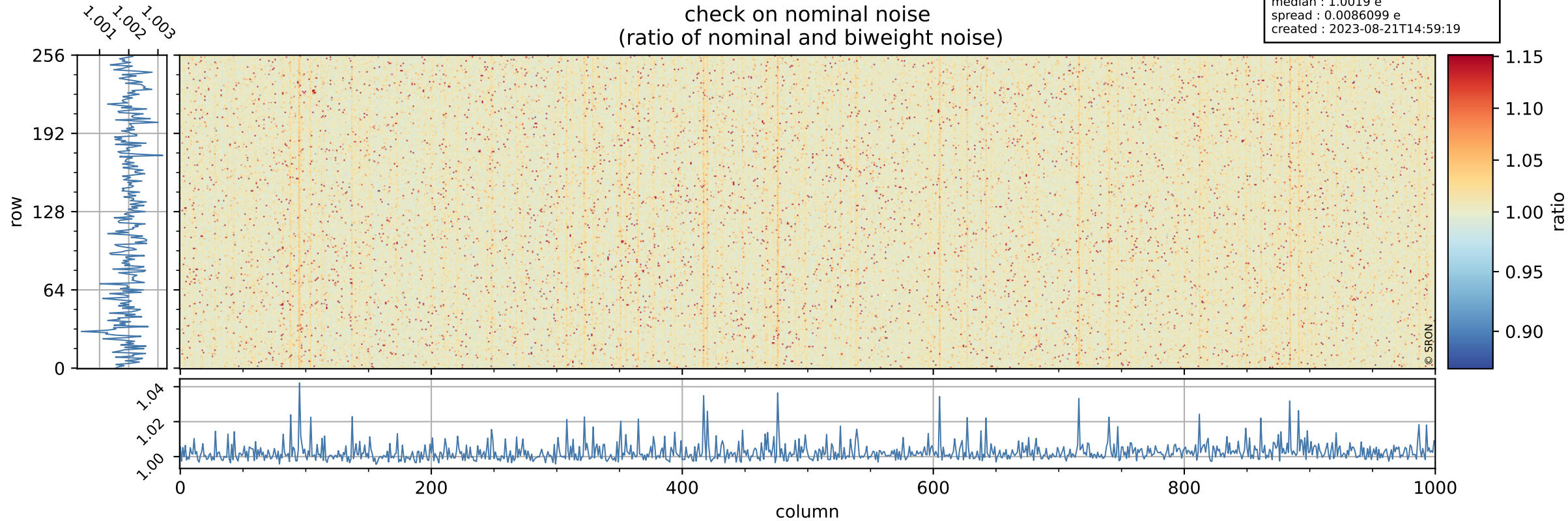
orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
median : 0.99929 e
spread : 0.008935 e
created : 2023-08-21T14:59:18



Tropomi SWIR background noise (swir)

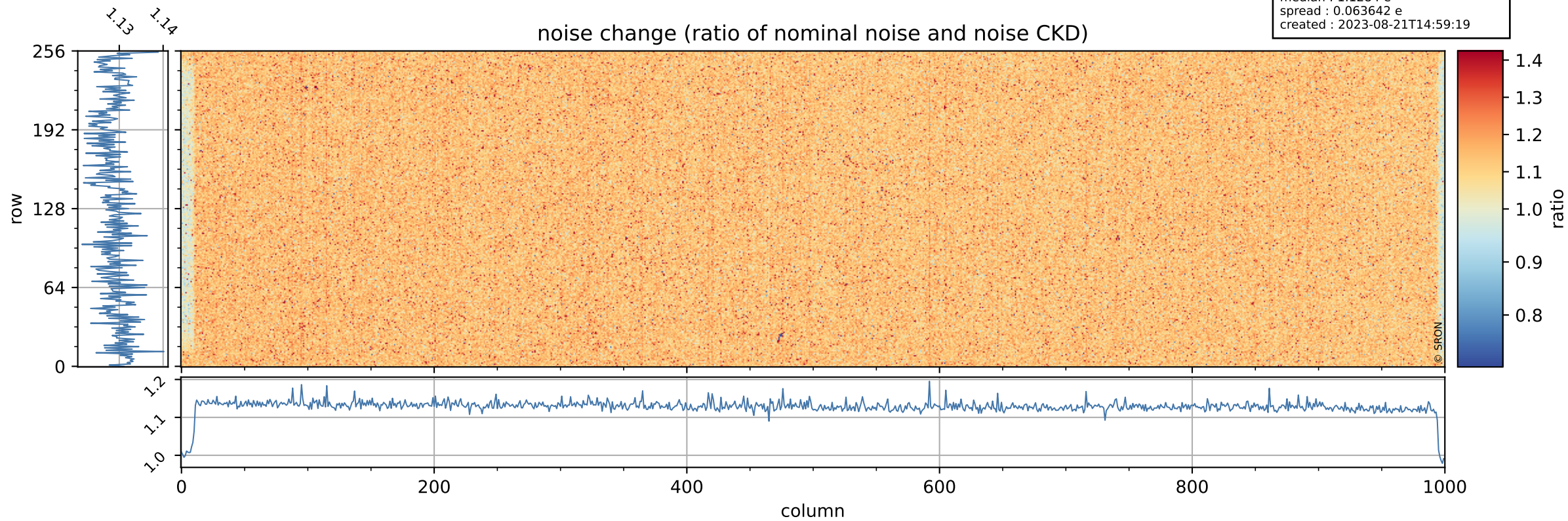
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
median : 1.0019 e
spread : 0.0086099 e
created : 2023-08-21T14:59:19



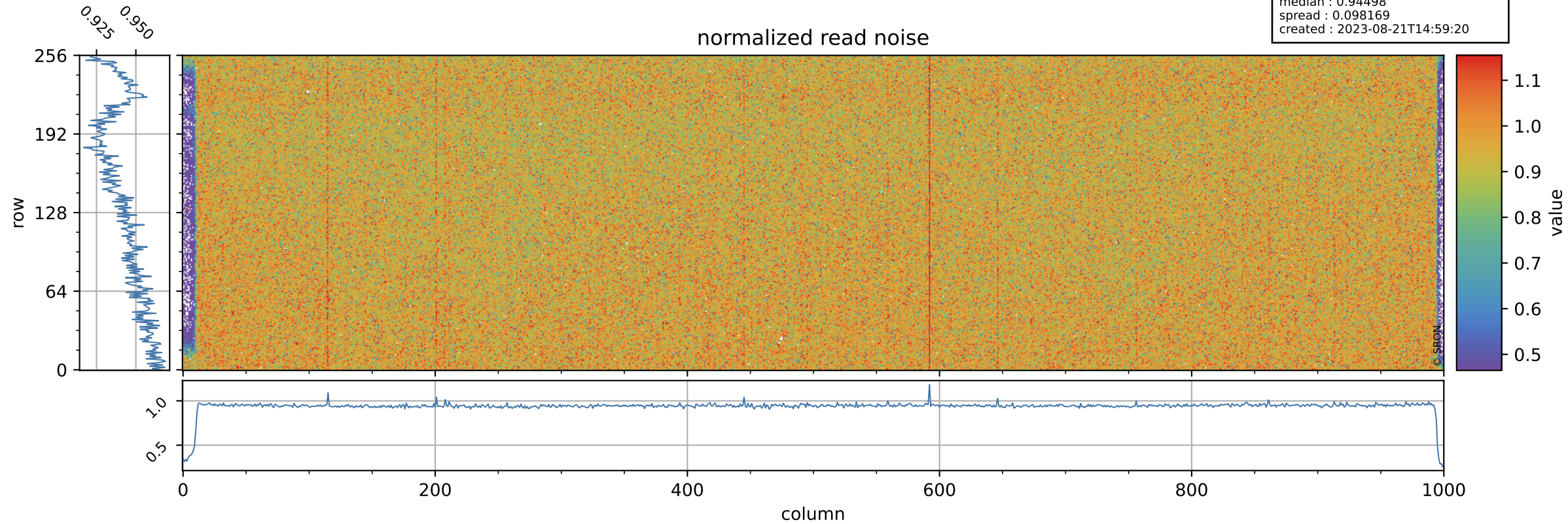
Tropomi SWIR background noise (swir)

orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
median : 1.1284 e
spread : 0.063642 e
created : 2023-08-21T14:59:19



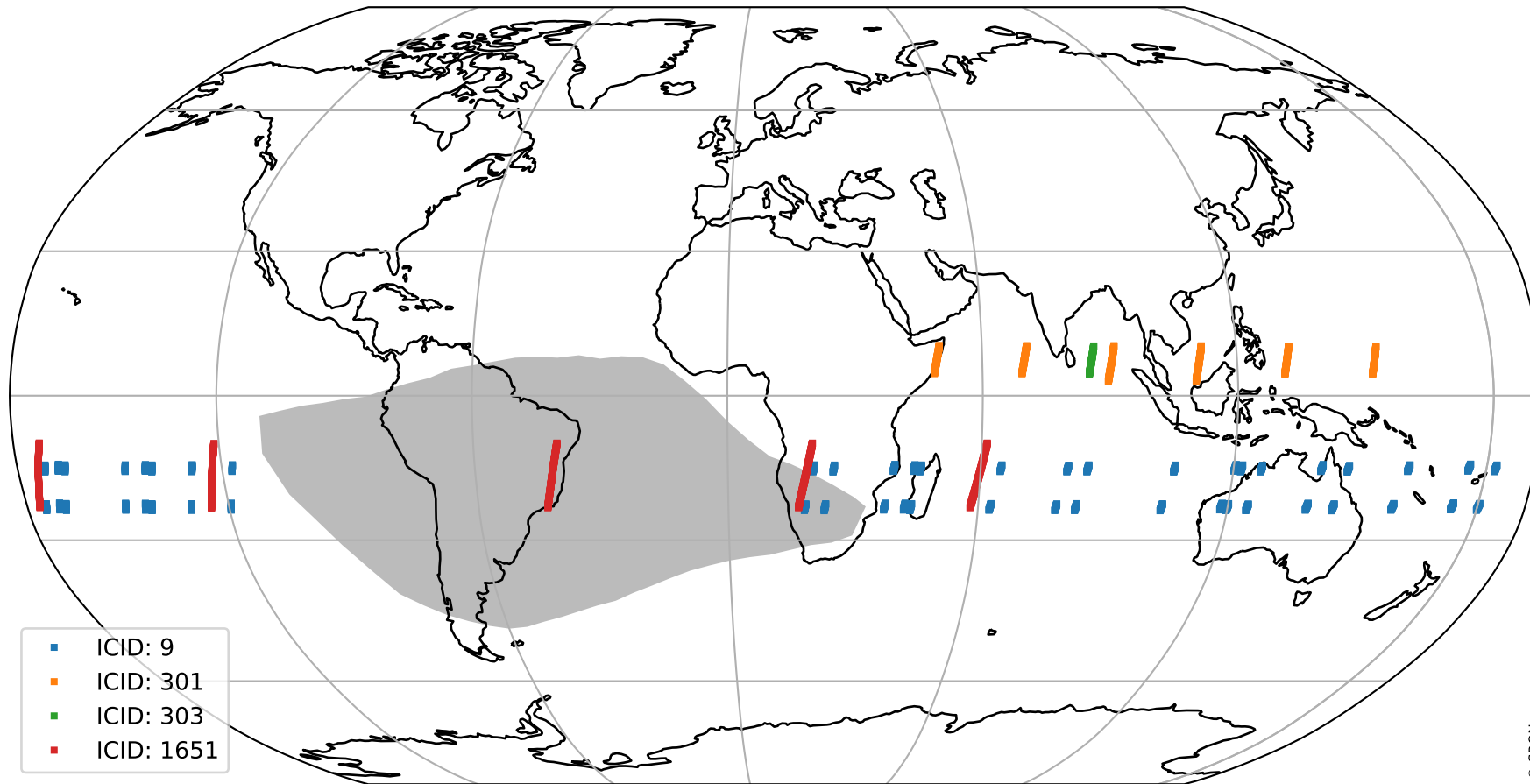
Tropomi SWIR background noise (swir)

orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
median : 0.94498
spread : 0.098169
created : 2023-08-21T14:59:20



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

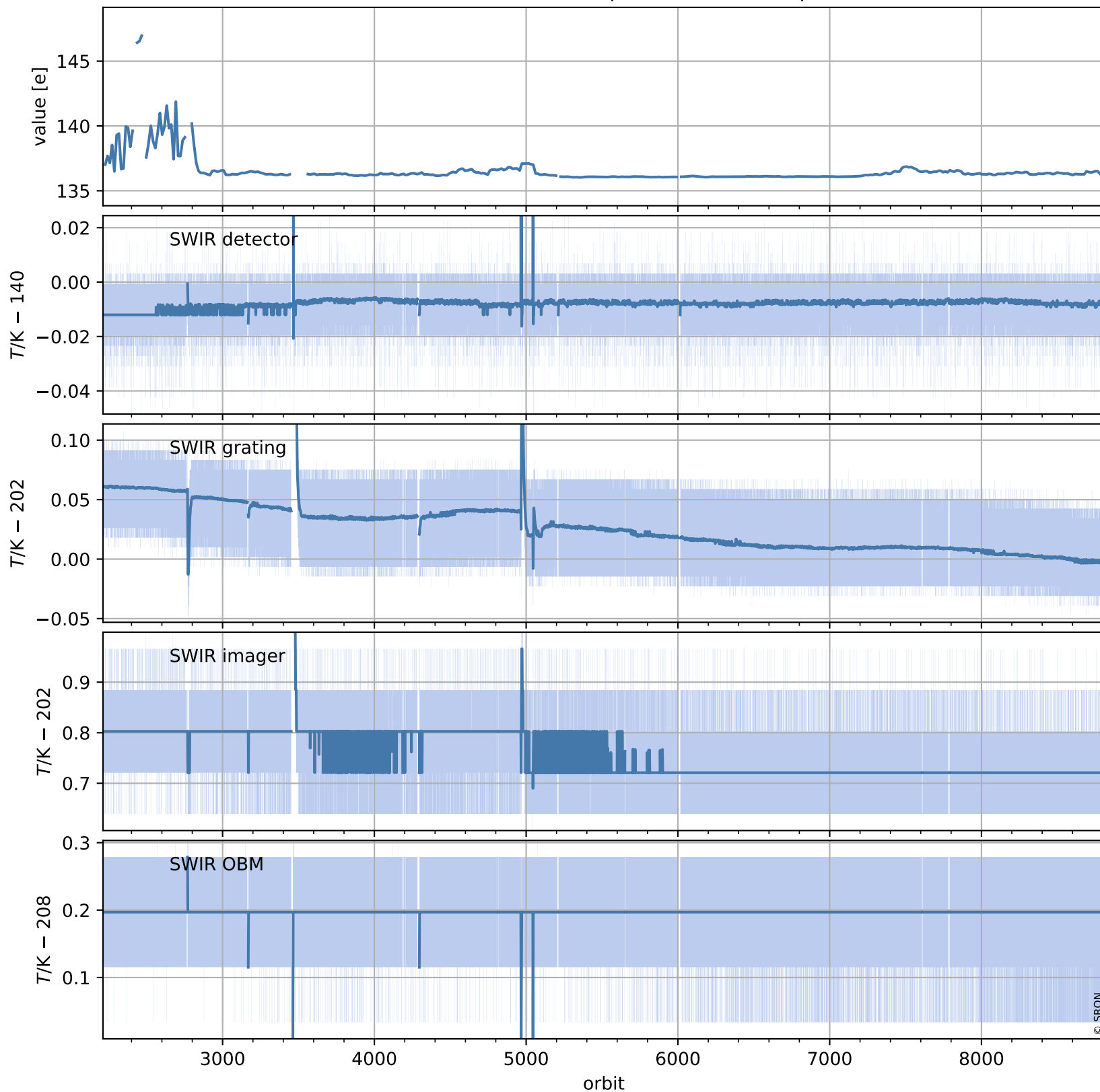
orbits : 12 in [8722, 8812]
coverage : 2019-06-20 / 2019-06-26
created : 2023-08-21T14:59:20



Tropomi SWIR background noise (swir)

orbits : [2212, 8812]
coverage : 2018-03-18 / 2019-06-26
created : 2023-08-21T14:59:20

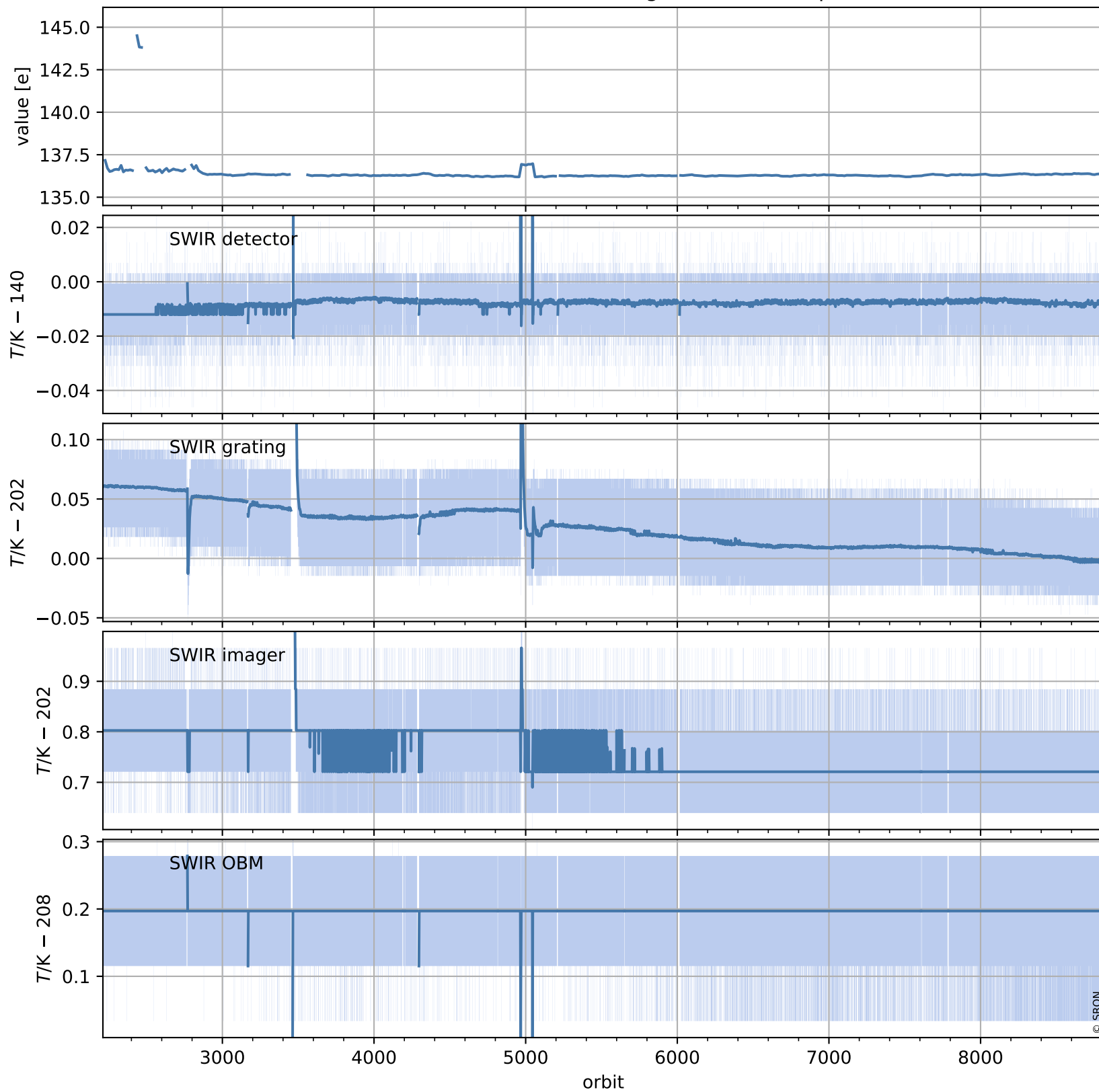
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8812]
coverage : 2018-03-18 / 2019-06-26
created : 2023-08-21T14:59:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8812]
coverage : 2018-03-18 / 2019-06-26
created : 2023-08-21T14:59:22

trend of normalized read-noise & temperatures

