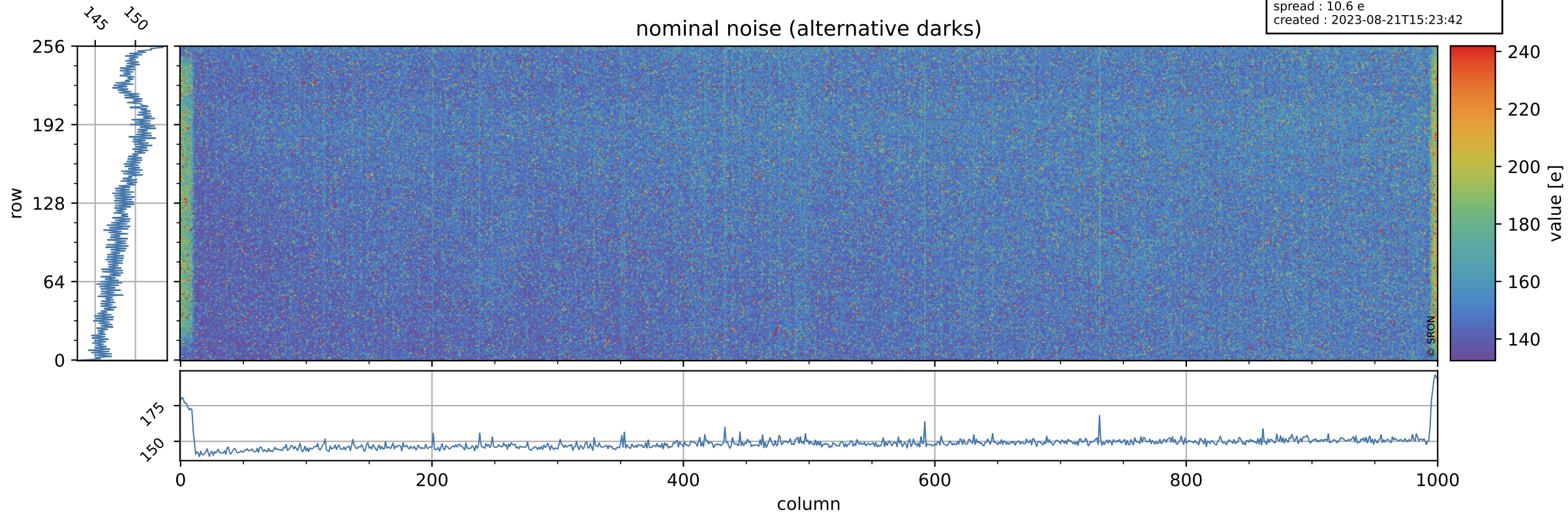


Tropomi SWIR background noise (swir)

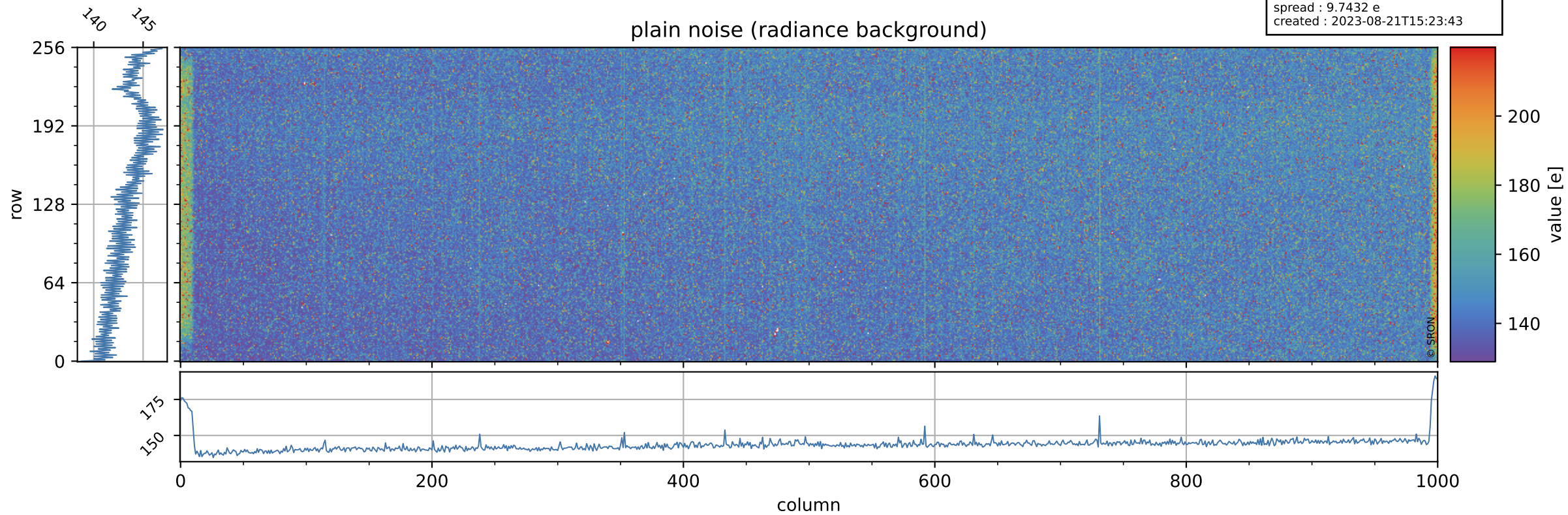
orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.6 e
created : 2023-08-21T15:23:42



Tropomi SWIR background noise (swir)

orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7432 e
created : 2023-08-21T15:23:43

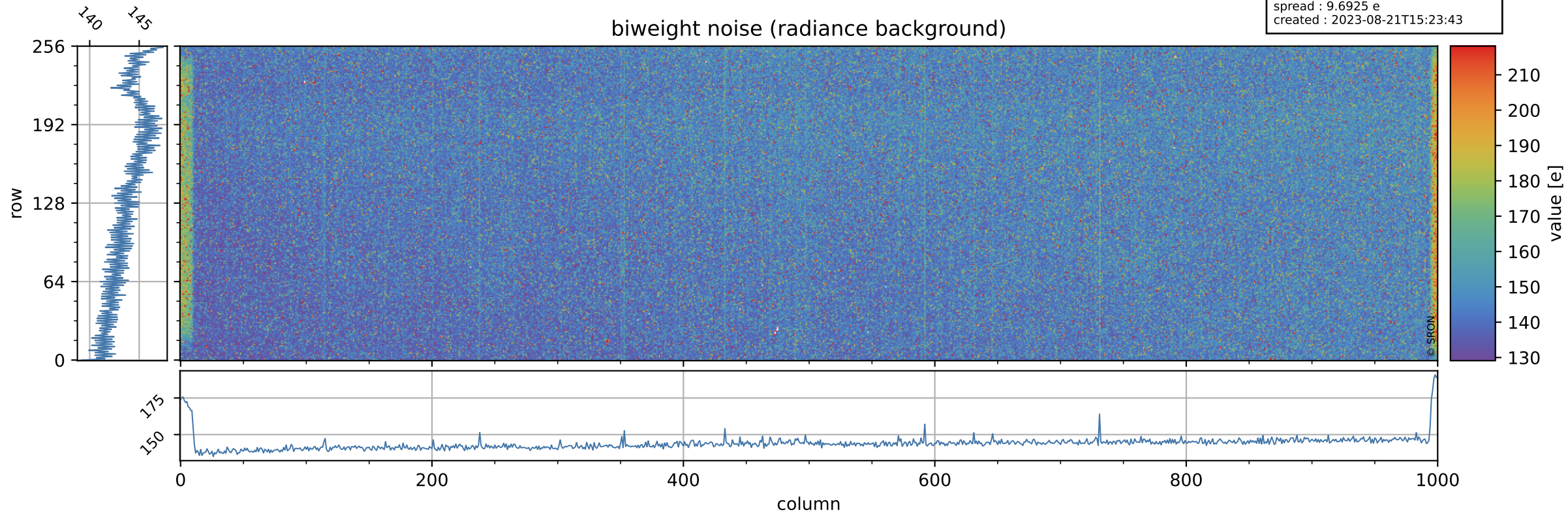
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.6925 e
created : 2023-08-21T15:23:43

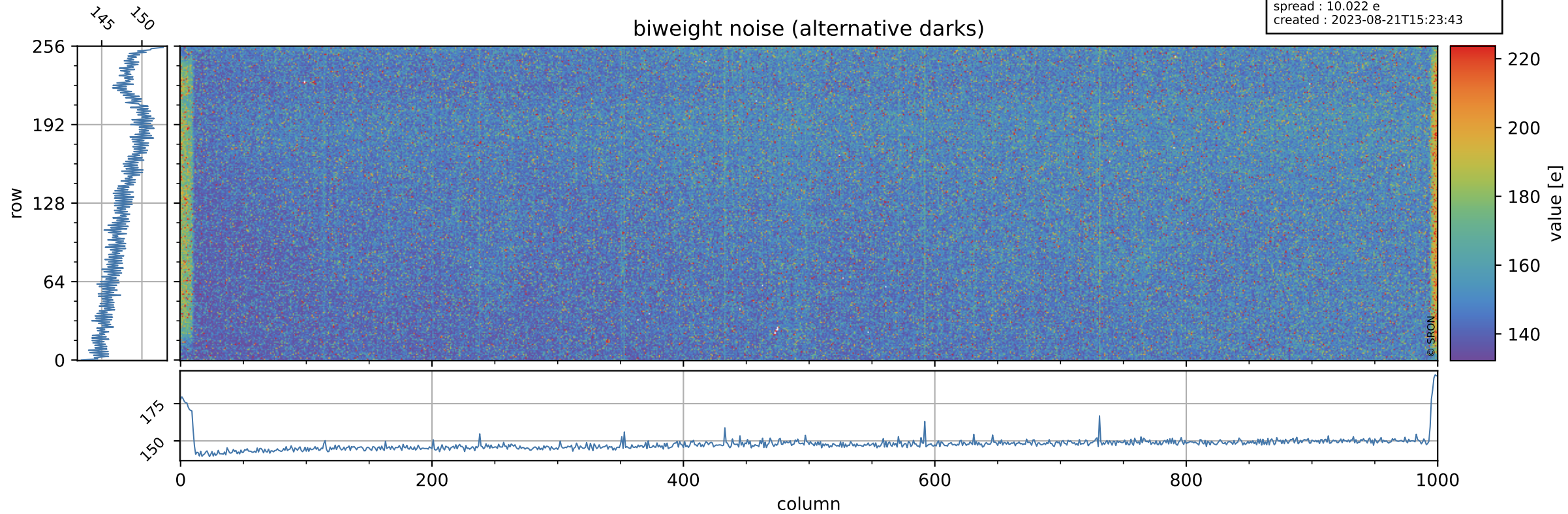
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.022 e
created : 2023-08-21T15:23:43

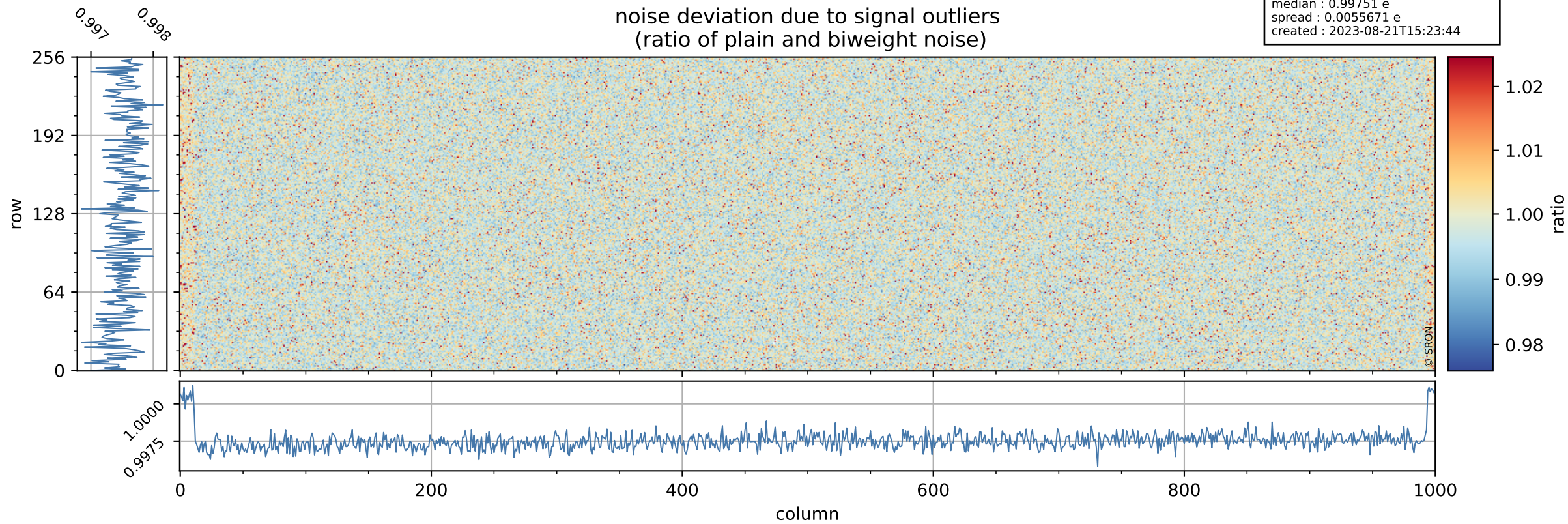
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

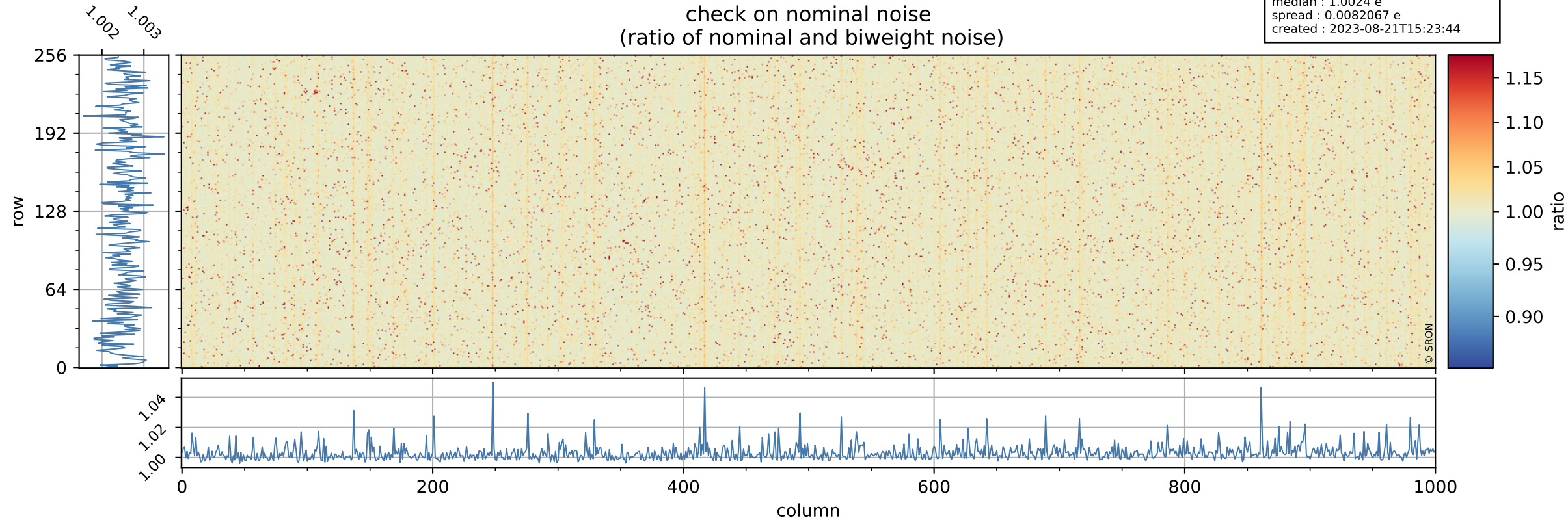
orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
median : 0.99751 e
spread : 0.0055671 e
created : 2023-08-21T15:23:44



Tropomi SWIR background noise (swir)

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

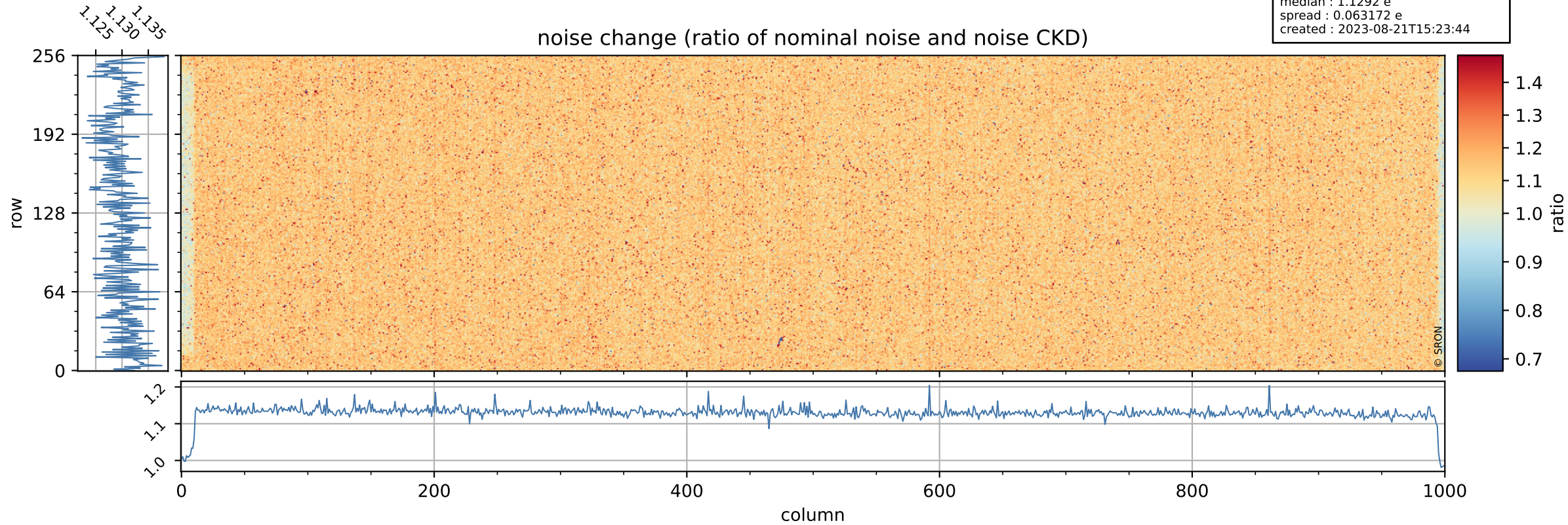
orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
median : 1.0024 e
spread : 0.0082067 e
created : 2023-08-21T15:23:44



Tropomi SWIR background noise (swir)

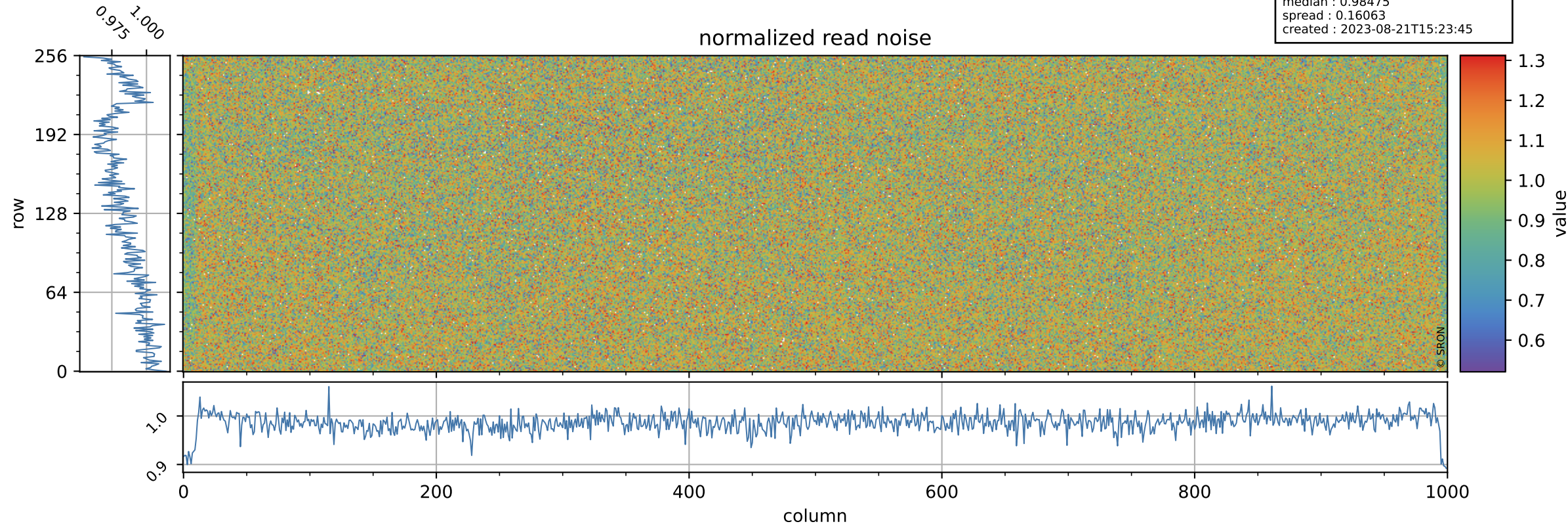
orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
median : 1.1292 e
spread : 0.063172 e
created : 2023-08-21T15:23:44

noise change (ratio of nominal noise and noise CKD)



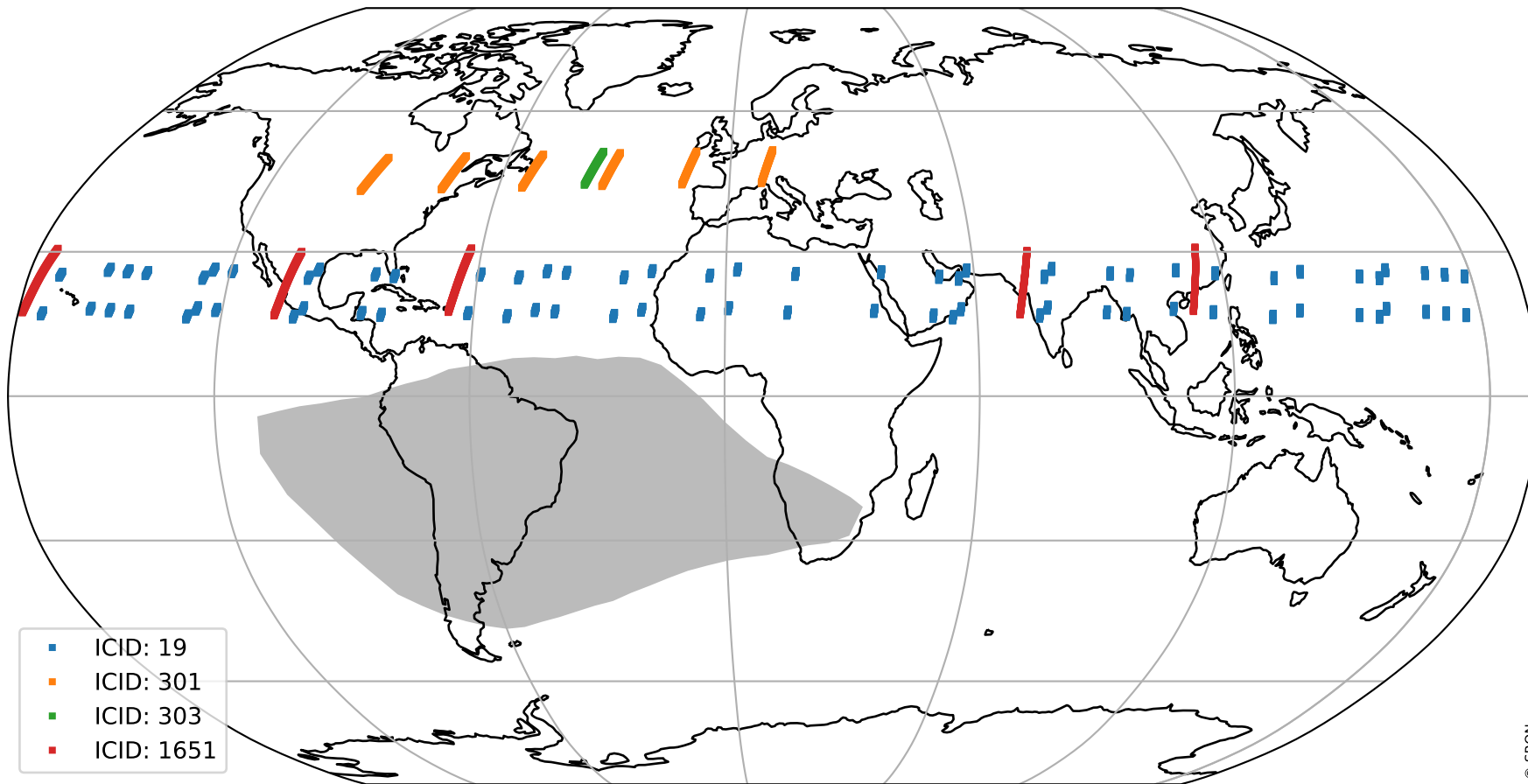
Tropomi SWIR background noise (swir)

orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
median : 0.98475
spread : 0.16063
created : 2023-08-21T15:23:45



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

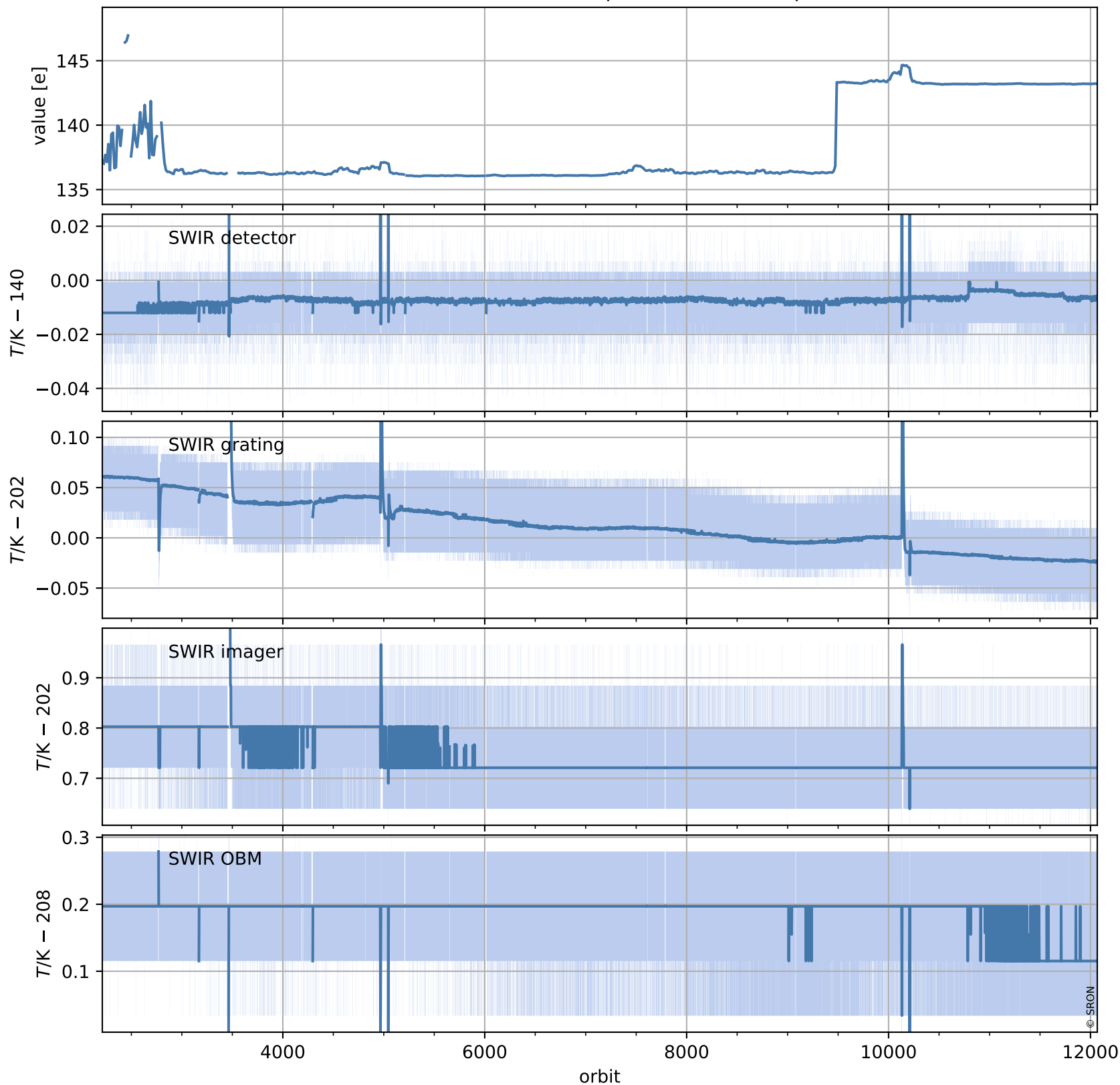
orbits : 12 in [11992, 12067]
coverage : 2020-02-04 / 2020-02-10
created : 2023-08-21T15:23:45



Tropomi SWIR background noise (swir)

orbits : [2212, 12067]
coverage : 2018-03-18 / 2020-02-10
created : 2023-08-21T15:23:45

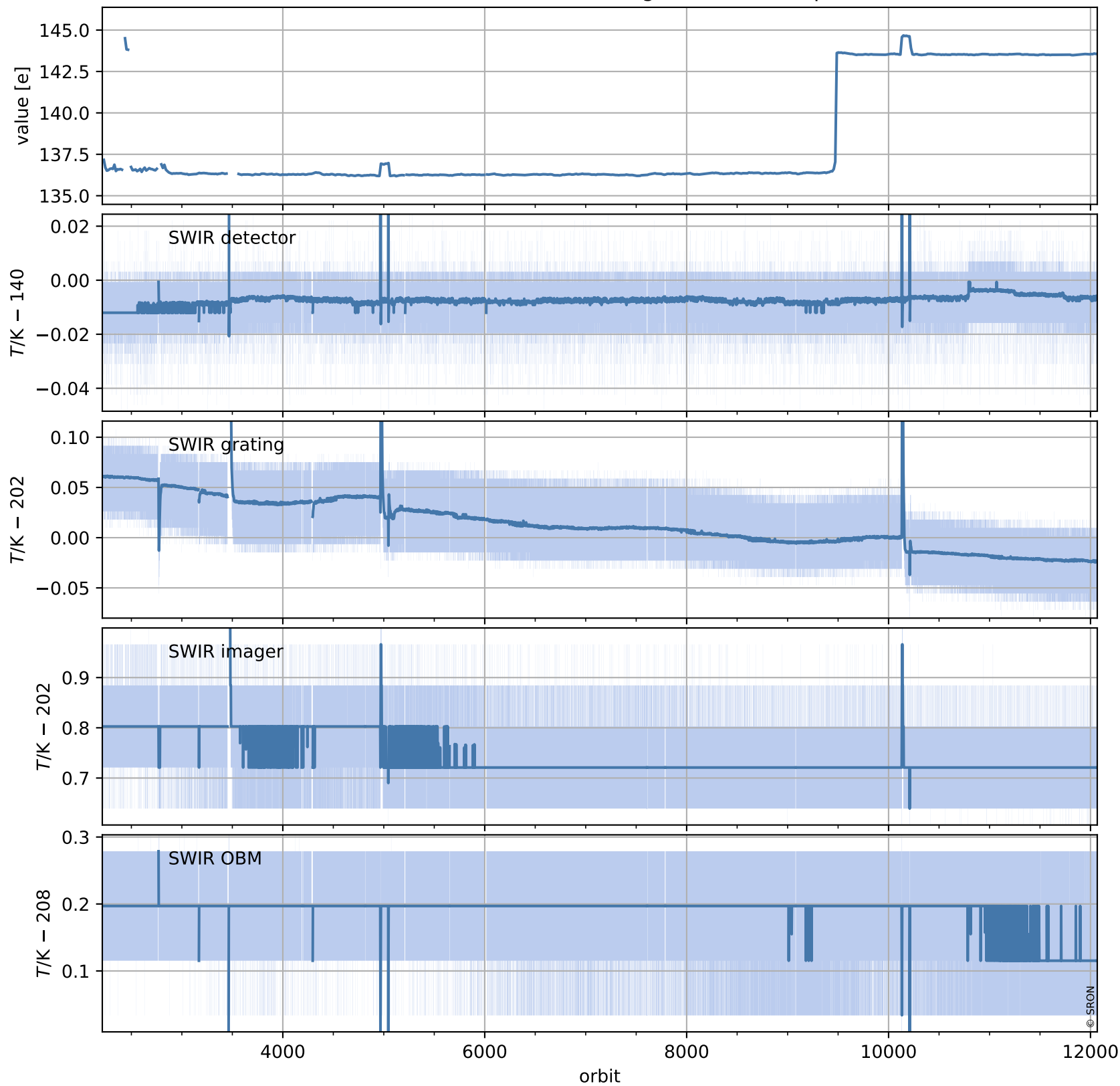
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12067]
coverage : 2018-03-18 / 2020-02-10
created : 2023-08-21T15:23:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12067]
coverage : 2018-03-18 / 2020-02-10
created : 2023-08-21T15:23:47

trend of normalized read-noise & temperatures

