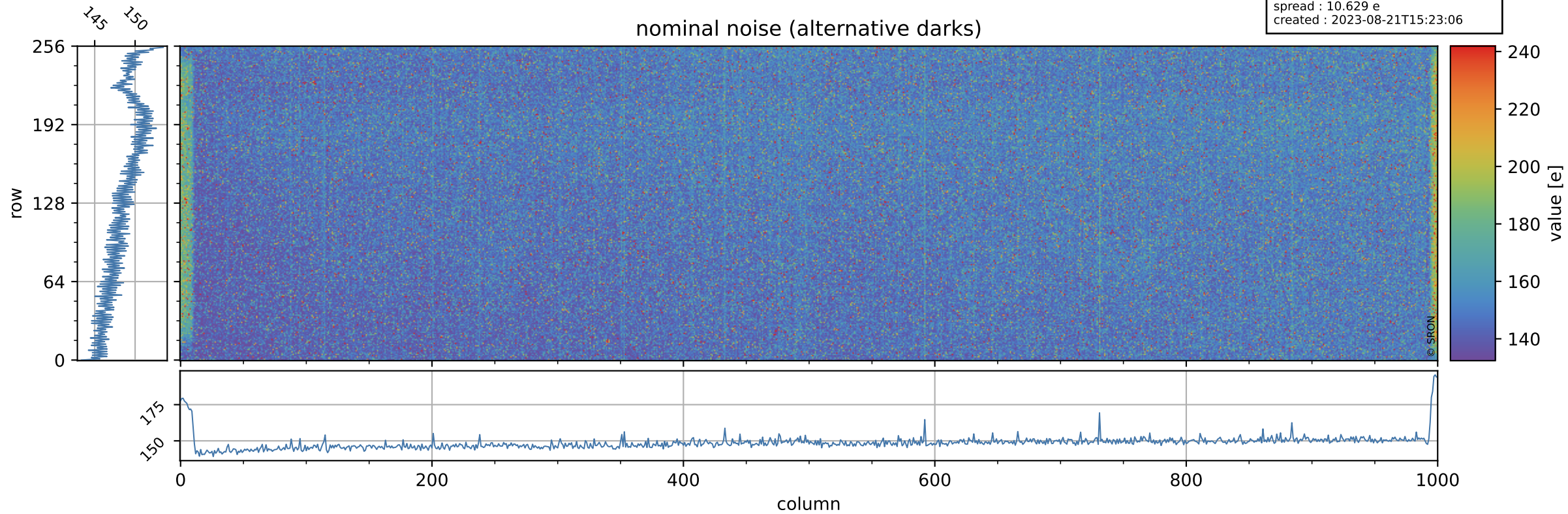


Tropomi SWIR background noise (swir)

orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.629 e
created : 2023-08-21T15:23:06

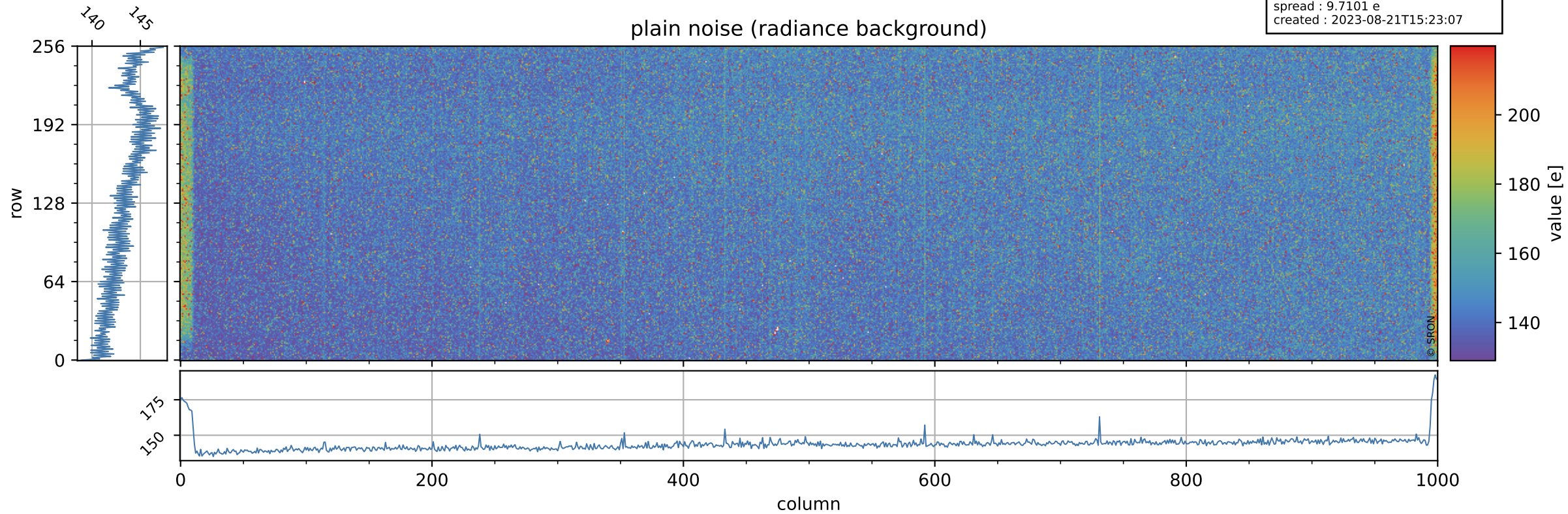
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7101 e
created : 2023-08-21T15:23:07

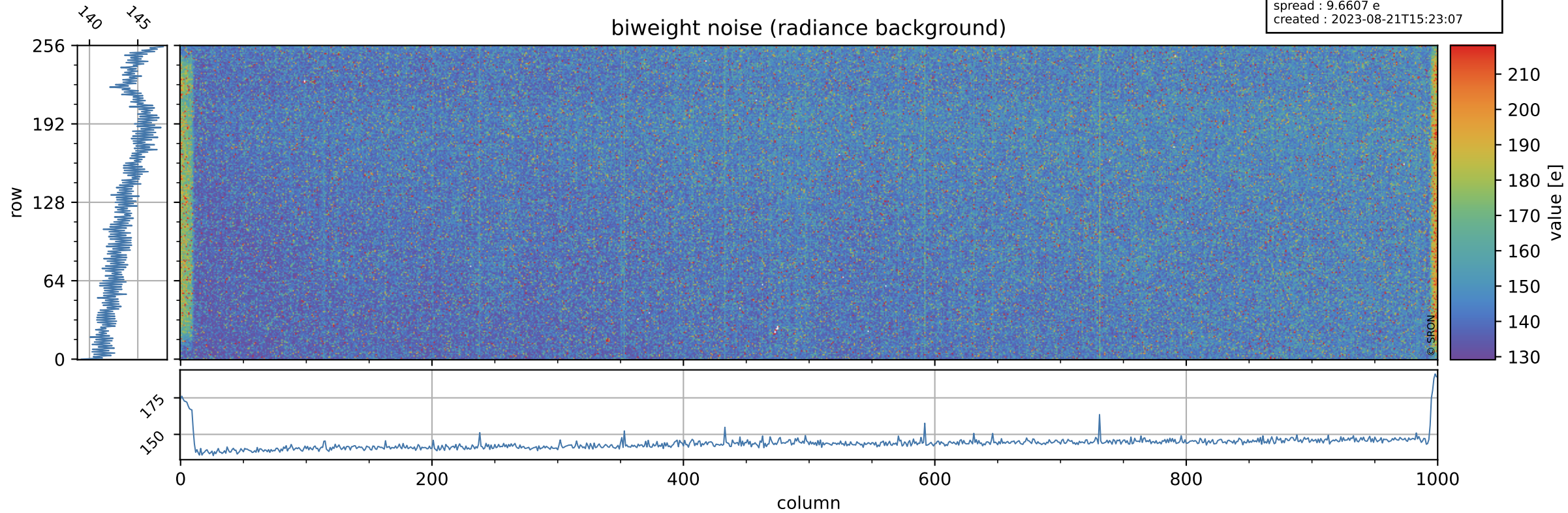
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.6607 e
created : 2023-08-21T15:23:07

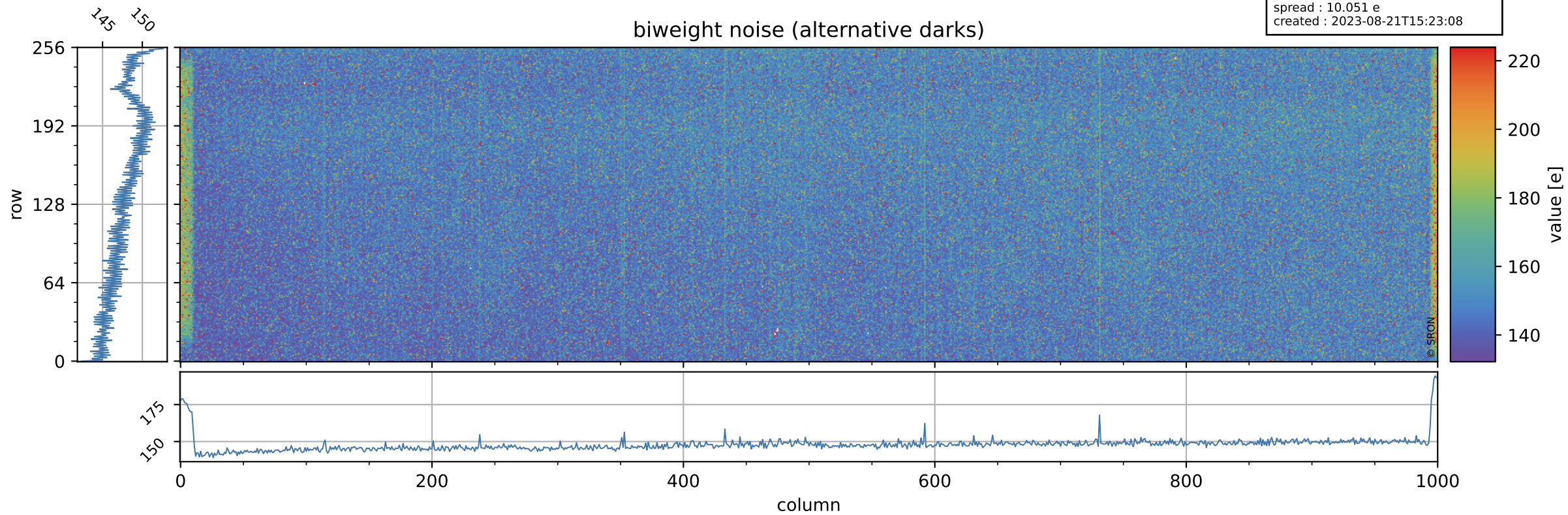
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.051 e
created : 2023-08-21T15:23:08

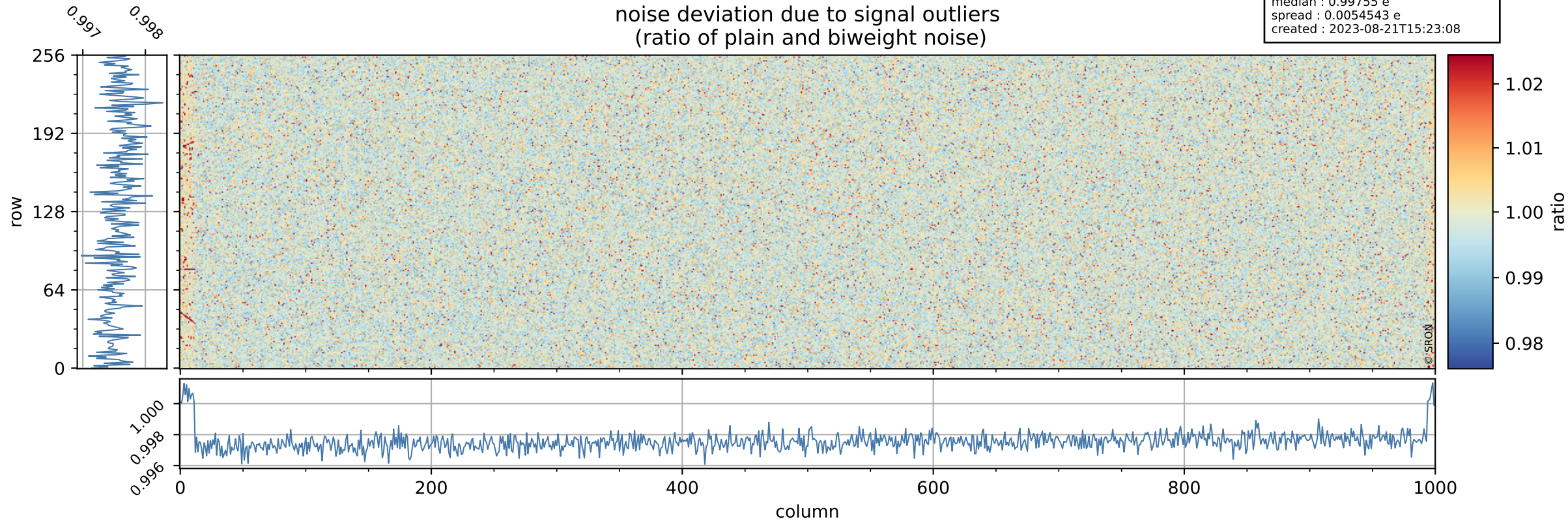
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

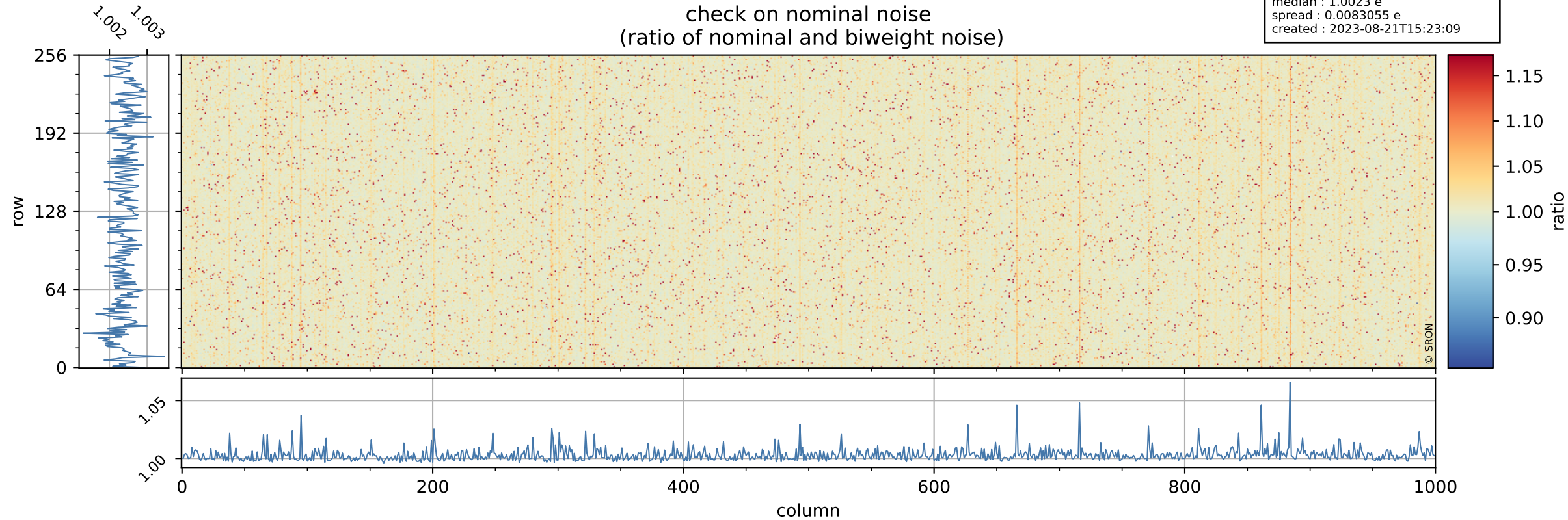
orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
median : 0.99755 e
spread : 0.0054543 e
created : 2023-08-21T15:23:08



Tropomi SWIR background noise (swir)

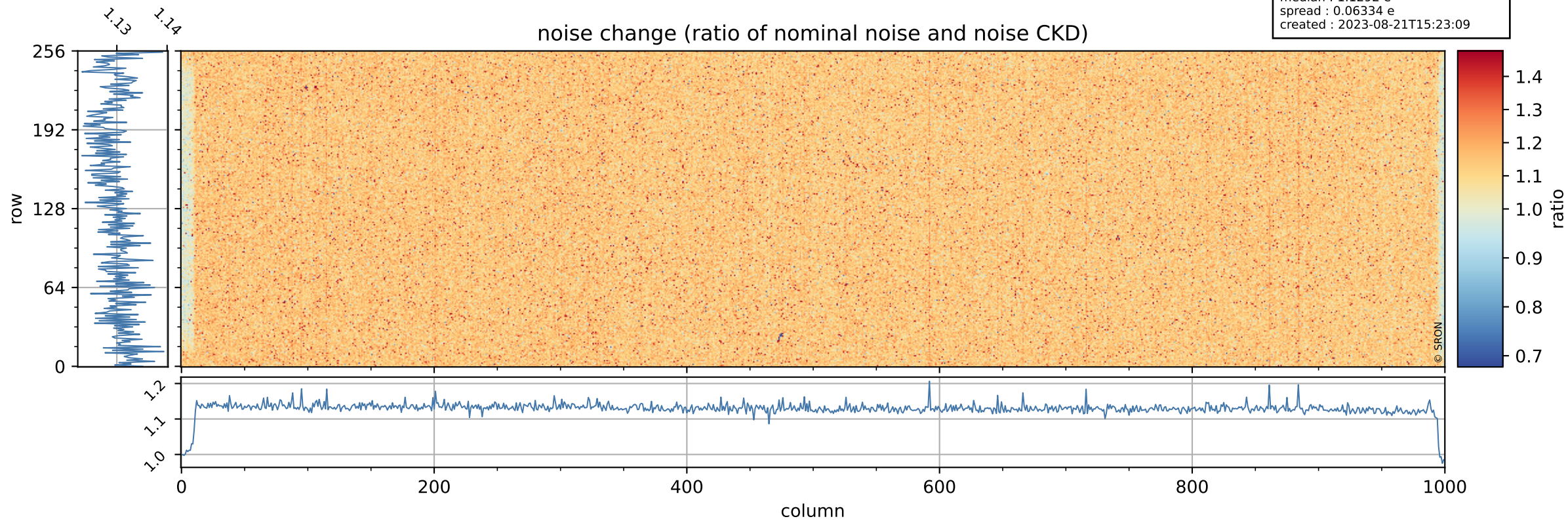
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
median : 1.0023 e
spread : 0.0083055 e
created : 2023-08-21T15:23:09



Tropomi SWIR background noise (swir)

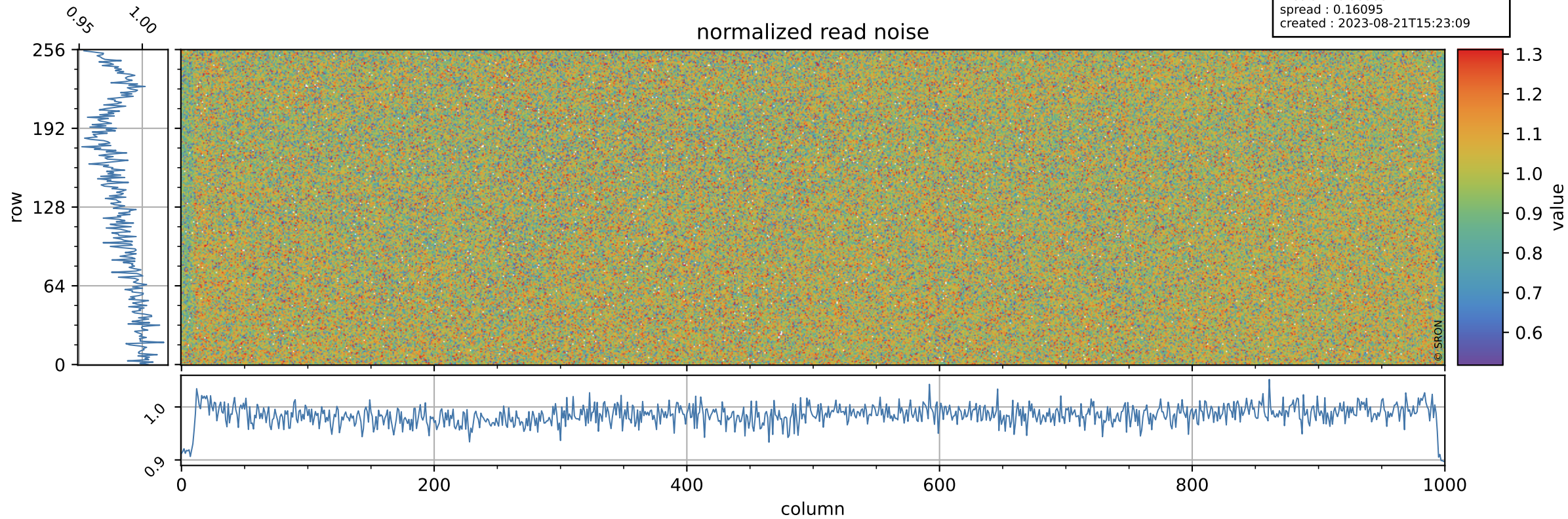
orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
median : 1.1292 e
spread : 0.06334 e
created : 2023-08-21T15:23:09



Tropomi SWIR background noise (swir)

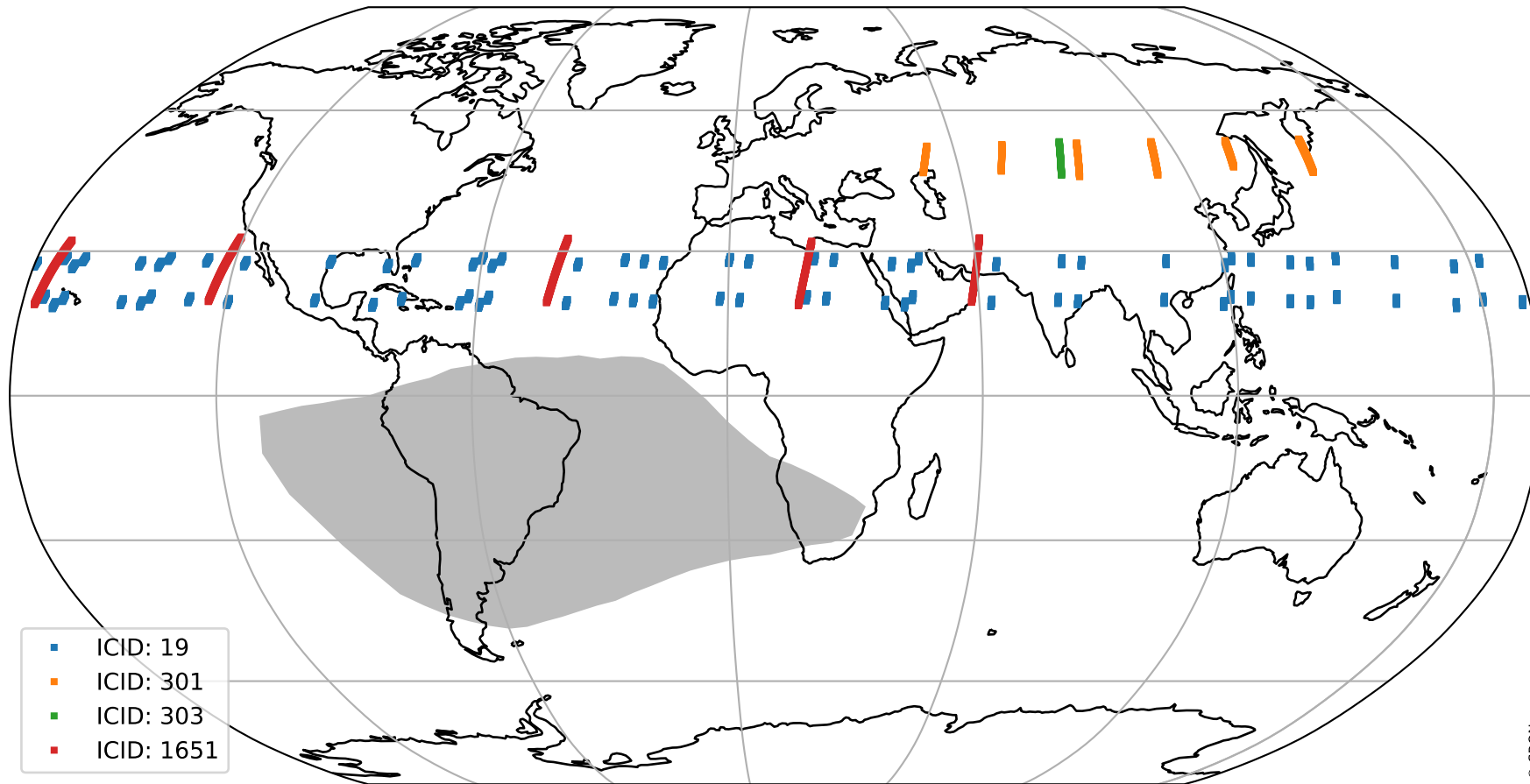
orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
median : 0.98308
spread : 0.16095
created : 2023-08-21T15:23:09

normalized read noise



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

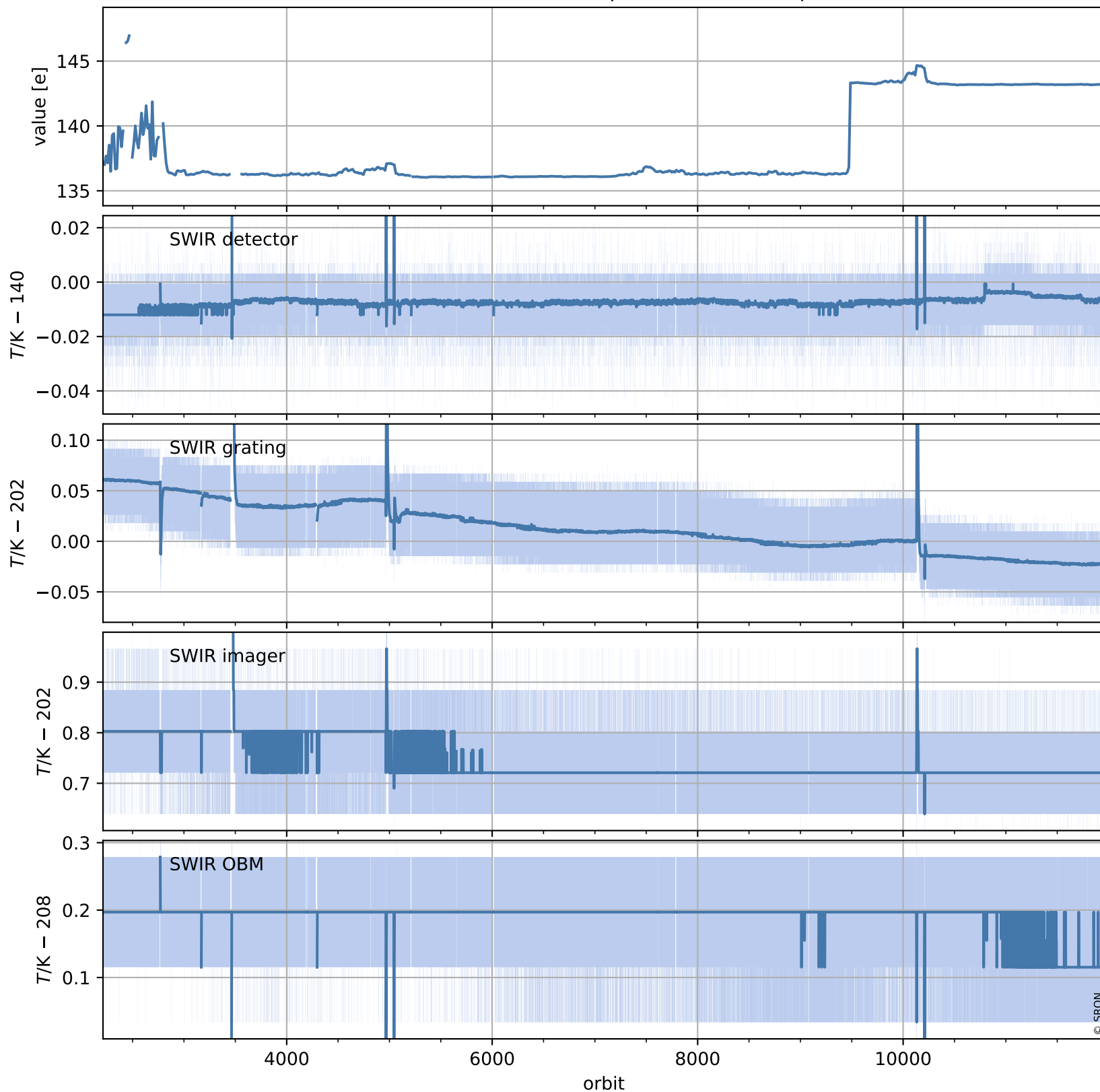
orbits : 12 in [11872, 11962]
coverage : 2020-01-28 / 2020-02-03
created : 2023-08-21T15:23:10



Tropomi SWIR background noise (swir)

orbits : [2212, 11962]
coverage : 2018-03-18 / 2020-02-03
created : 2023-08-21T15:23:10

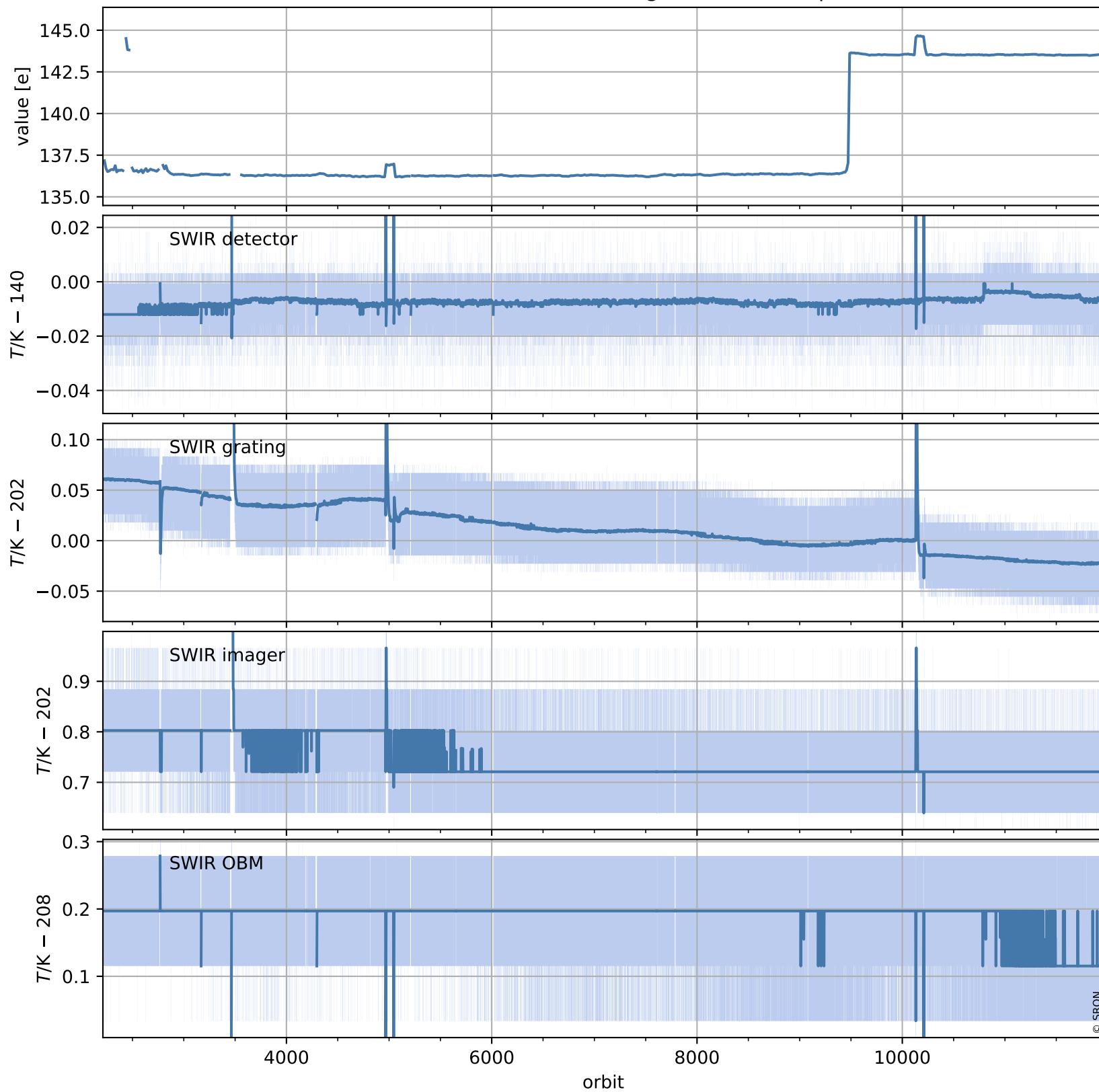
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11962]
coverage : 2018-03-18 / 2020-02-03
created : 2023-08-21T15:23:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11962]
coverage : 2018-03-18 / 2020-02-03
created : 2023-08-21T15:23:11

trend of normalized read-noise & temperatures

