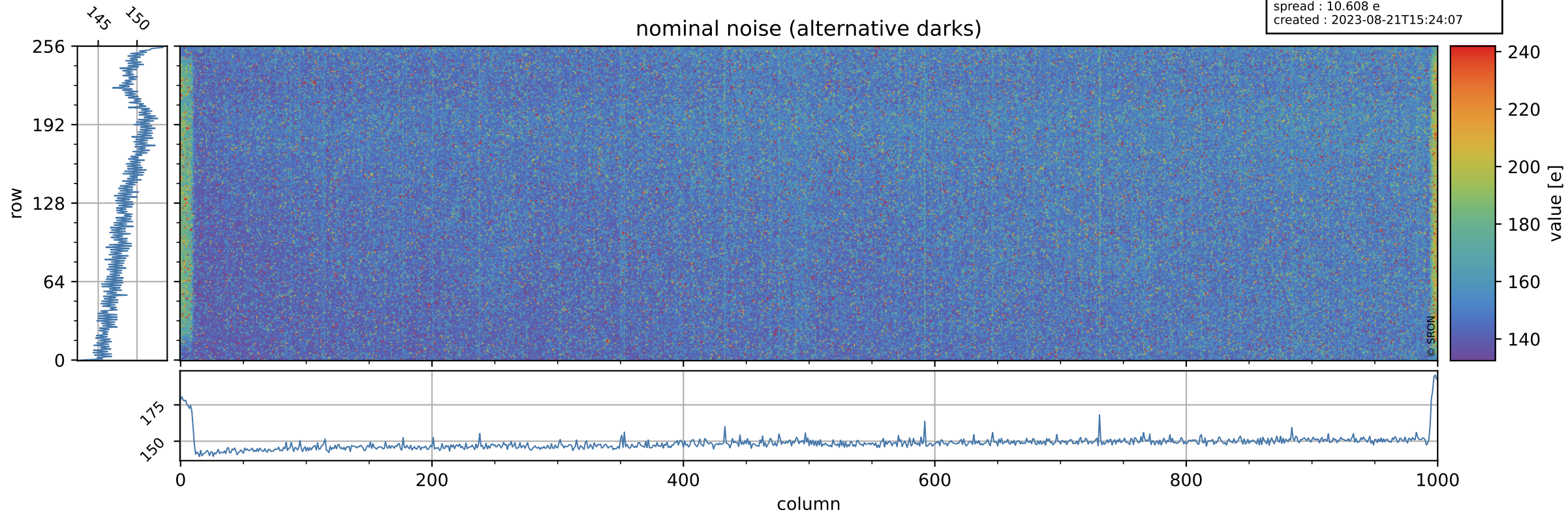


Tropomi SWIR background noise (swir)

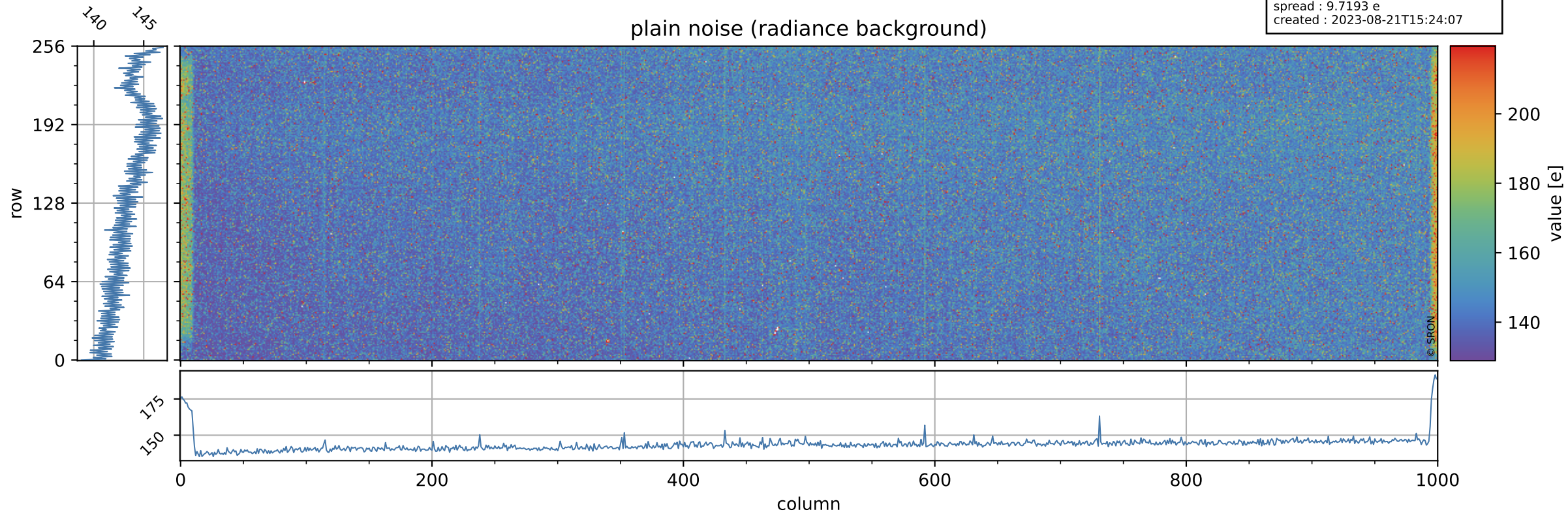
orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.608 e
created : 2023-08-21T15:24:07



Tropomi SWIR background noise (swir)

orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7193 e
created : 2023-08-21T15:24:07

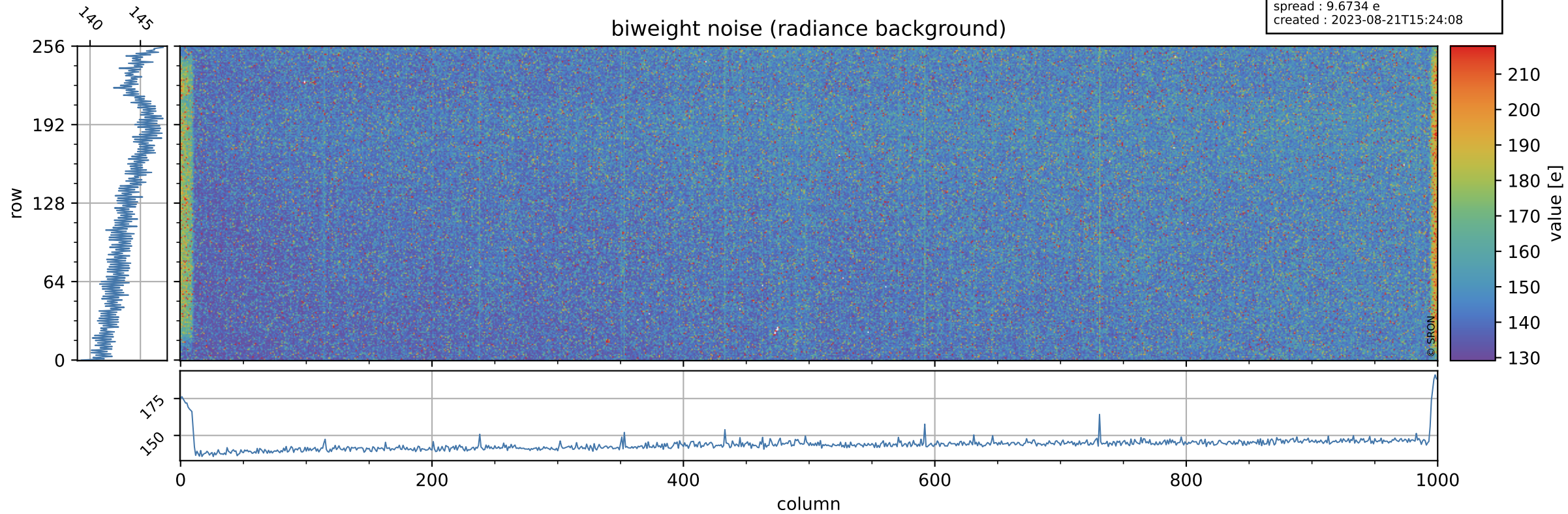
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.6734 e
created : 2023-08-21T15:24:08

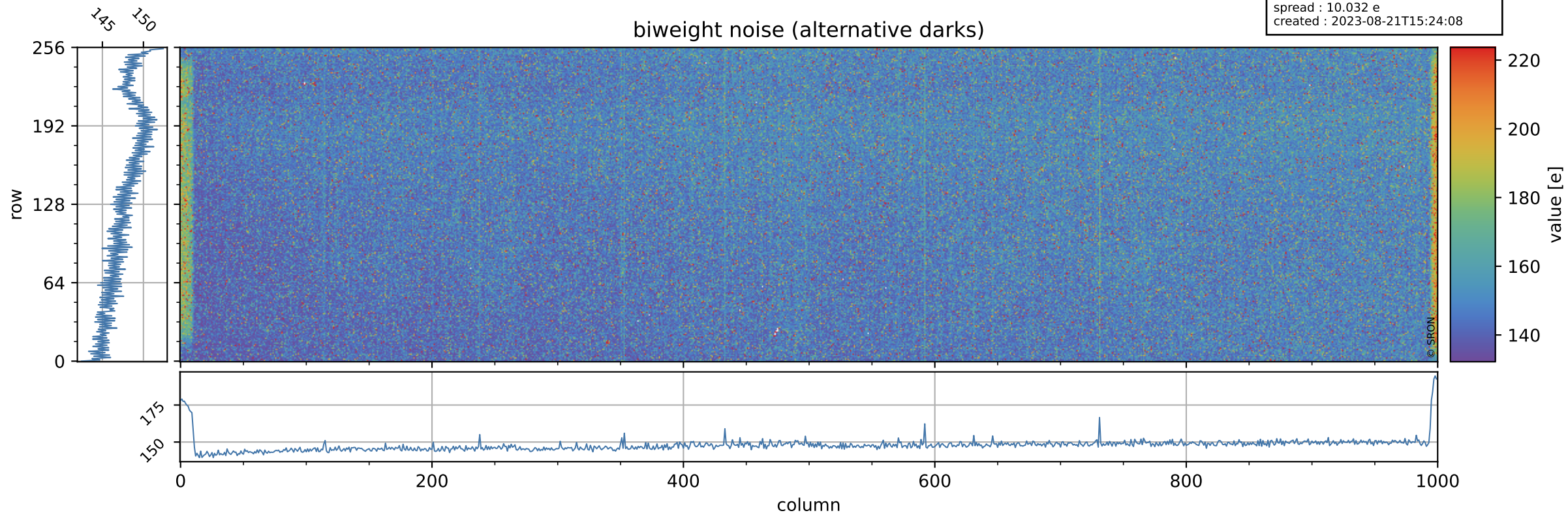
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.032 e
created : 2023-08-21T15:24:08

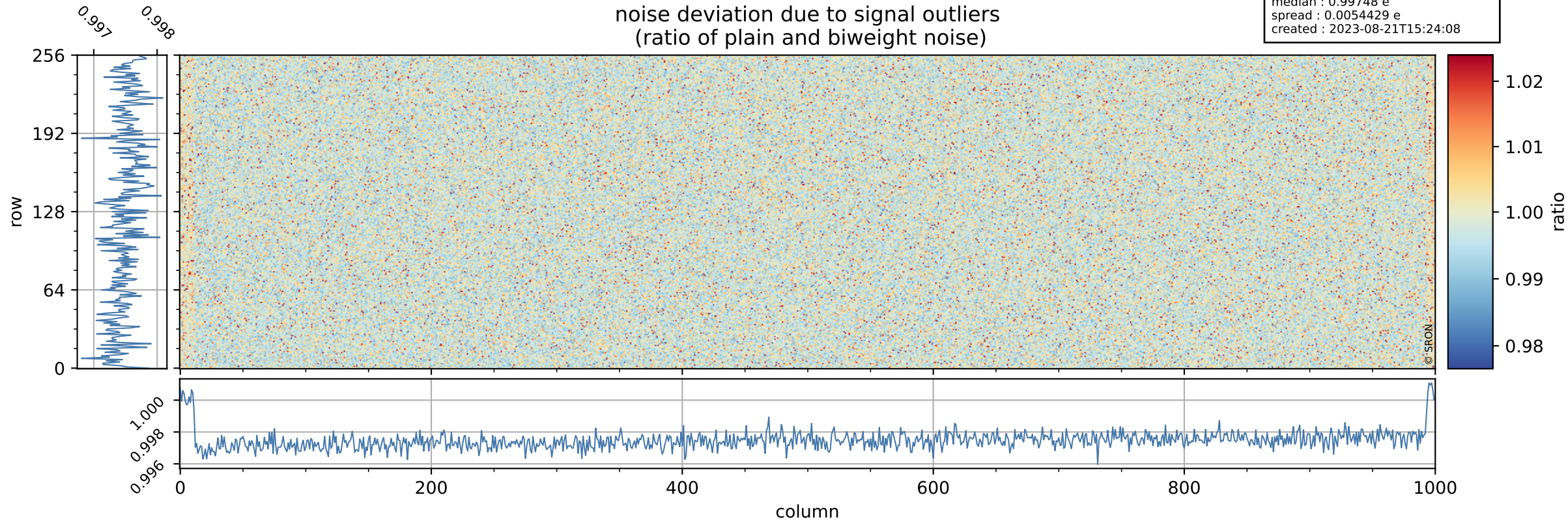
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

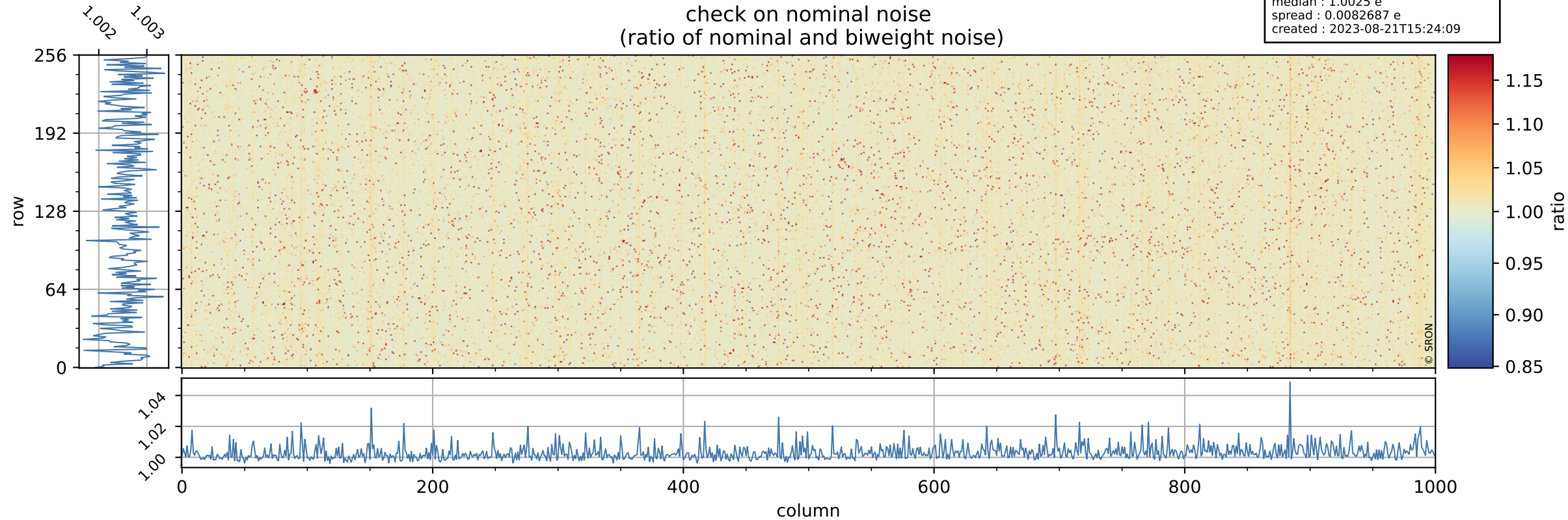
orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
median : 0.99748 e
spread : 0.0054429 e
created : 2023-08-21T15:24:08



Tropomi SWIR background noise (swir)

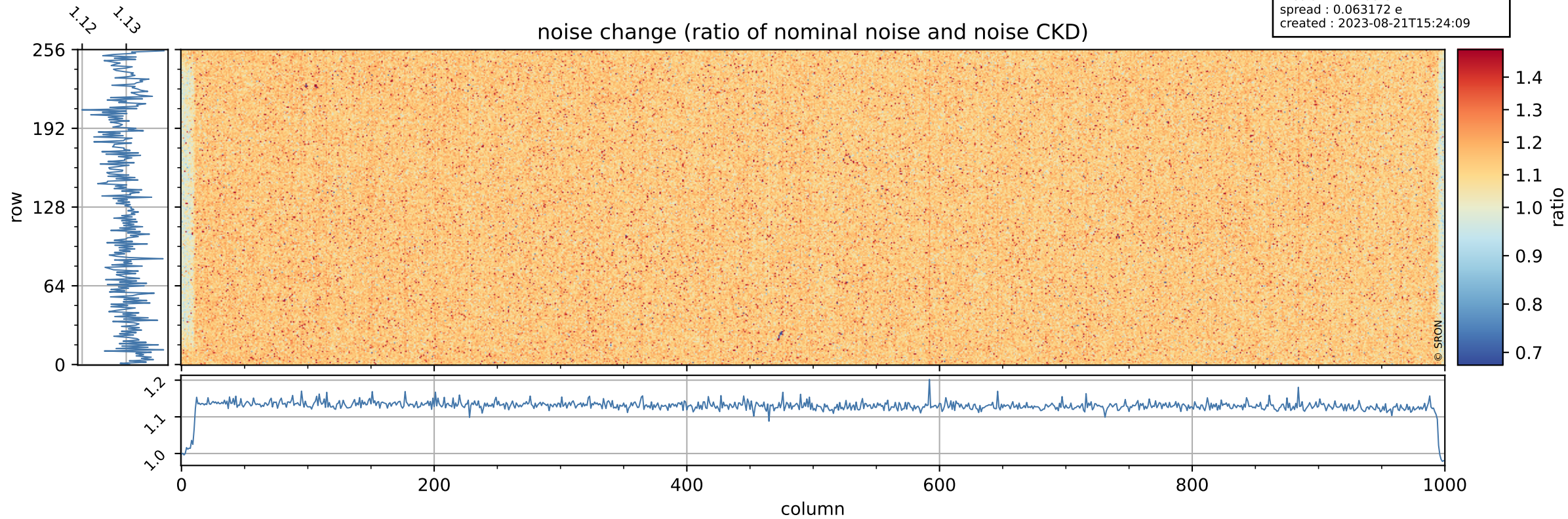
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
median : 1.0025 e
spread : 0.0082687 e
created : 2023-08-21T15:24:09



Tropomi SWIR background noise (swir)

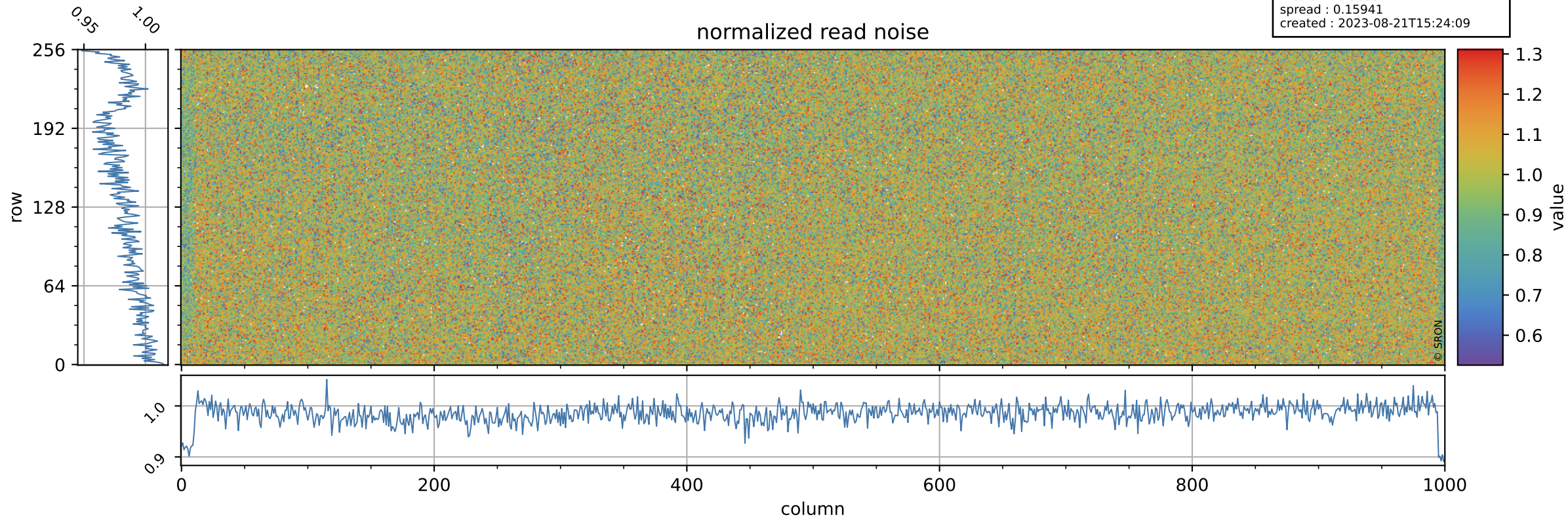
orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
median : 1.1293 e
spread : 0.063172 e
created : 2023-08-21T15:24:09



Tropomi SWIR background noise (swir)

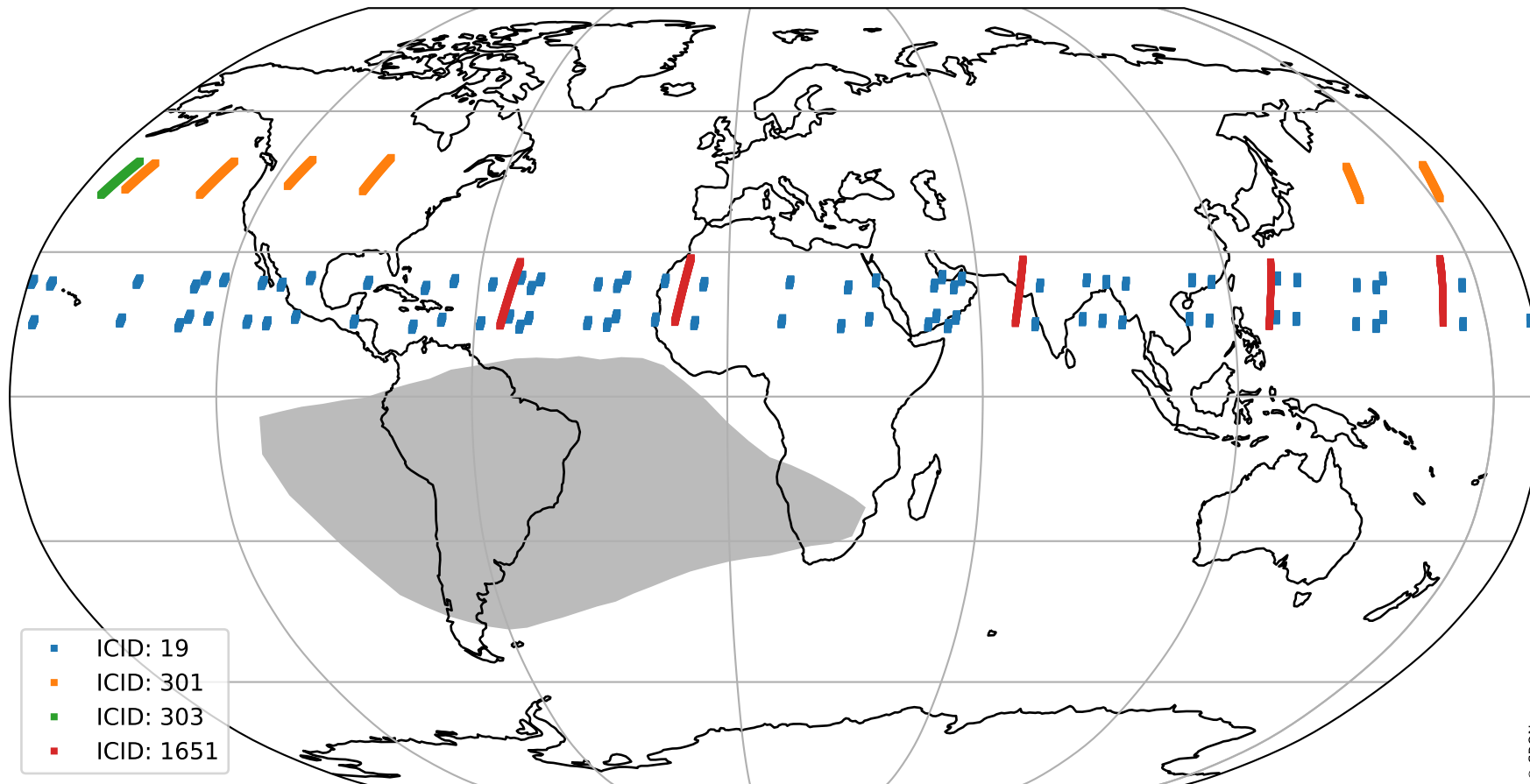
orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
median : 0.98394
spread : 0.15941
created : 2023-08-21T15:24:09

normalized read noise



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

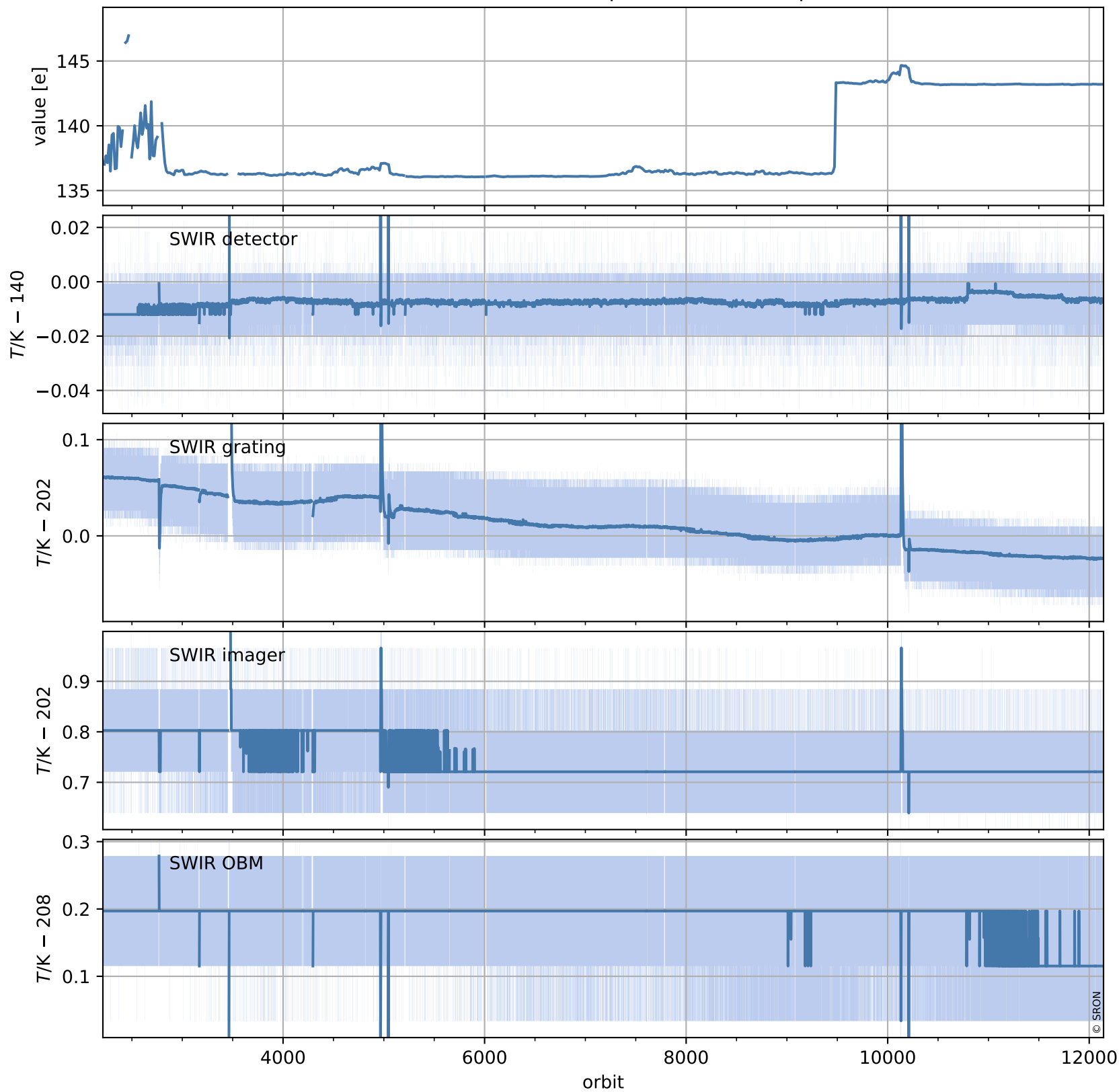
orbits : 12 in [12052, 12142]
coverage : 2020-02-10 / 2020-02-15
created : 2023-08-21T15:24:09



Tropomi SWIR background noise (swir)

orbits : [2212, 12142]
coverage : 2018-03-18 / 2020-02-15
created : 2023-08-21T15:24:10

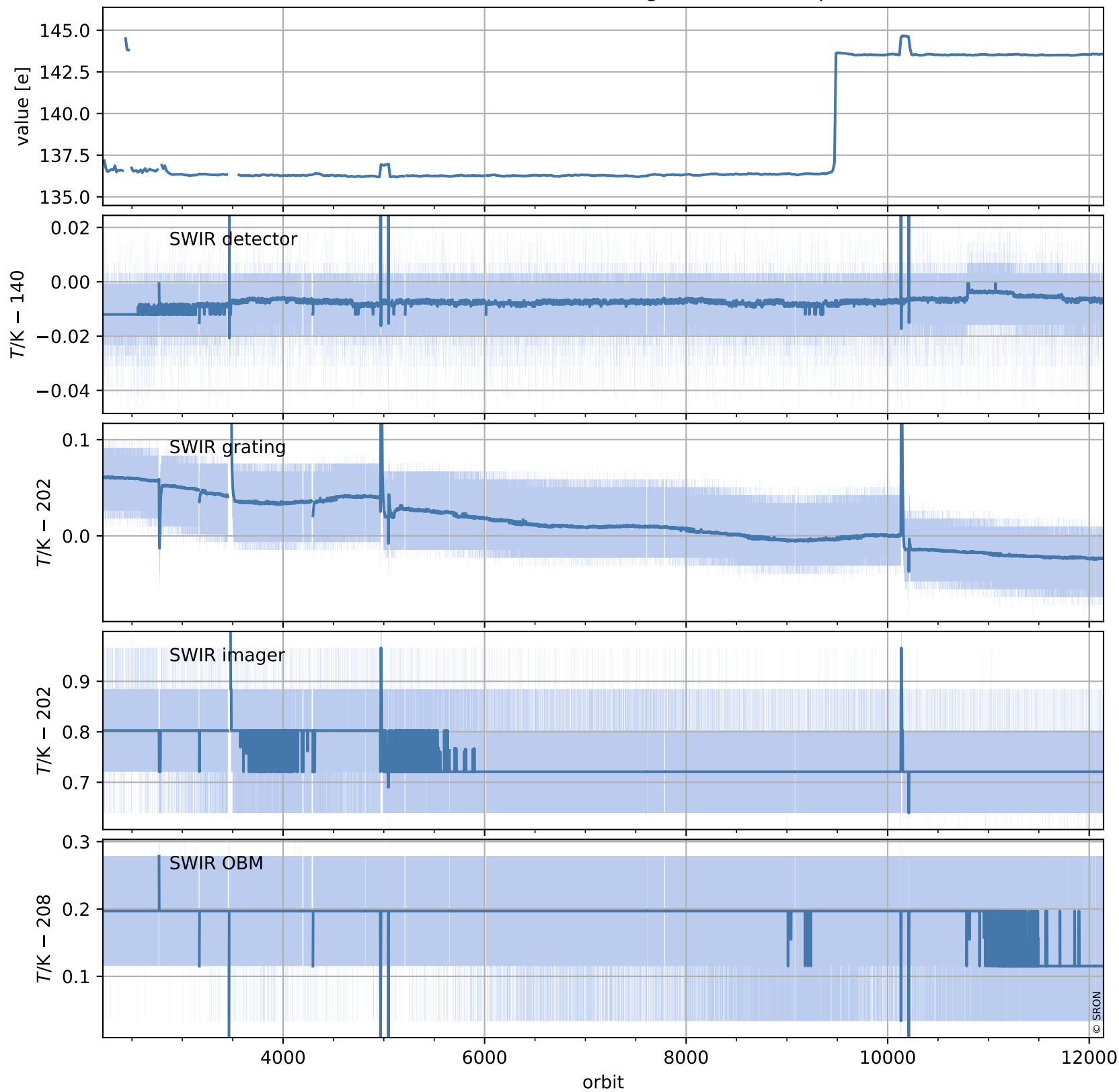
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12142]
coverage : 2018-03-18 / 2020-02-15
created : 2023-08-21T15:24:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12142]
coverage : 2018-03-18 / 2020-02-15
created : 2023-08-21T15:24:11

trend of normalized read-noise & temperatures

