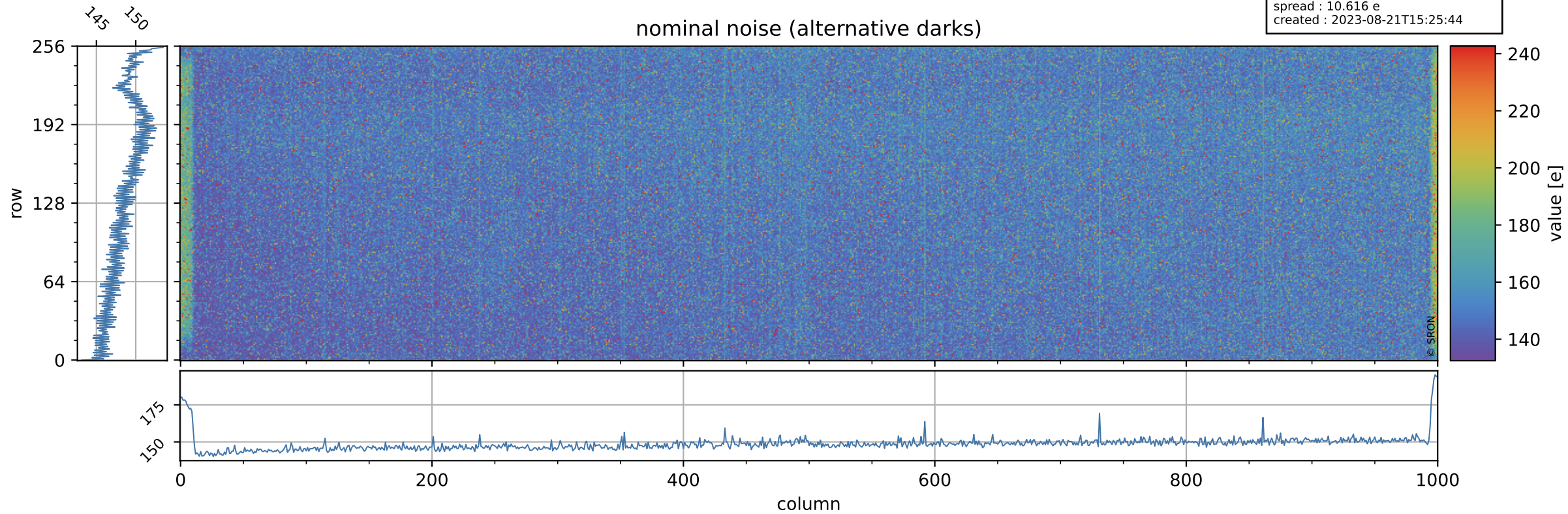


Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.616 e
created : 2023-08-21T15:25:44

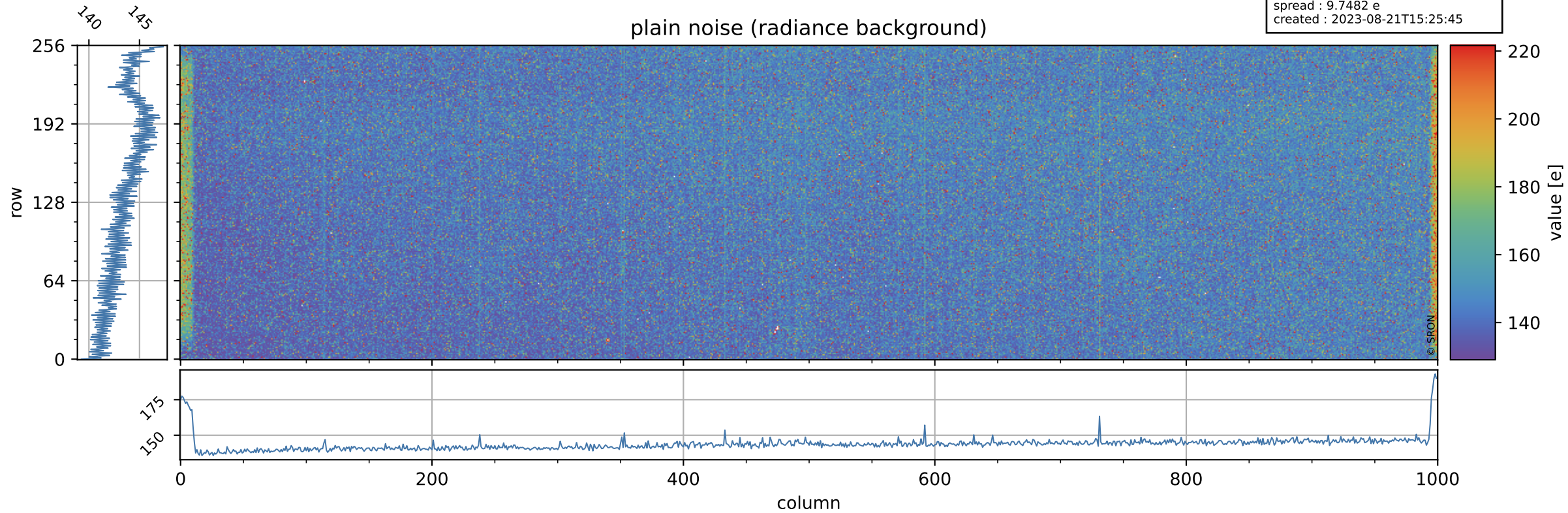
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.7482 e
created : 2023-08-21T15:25:45

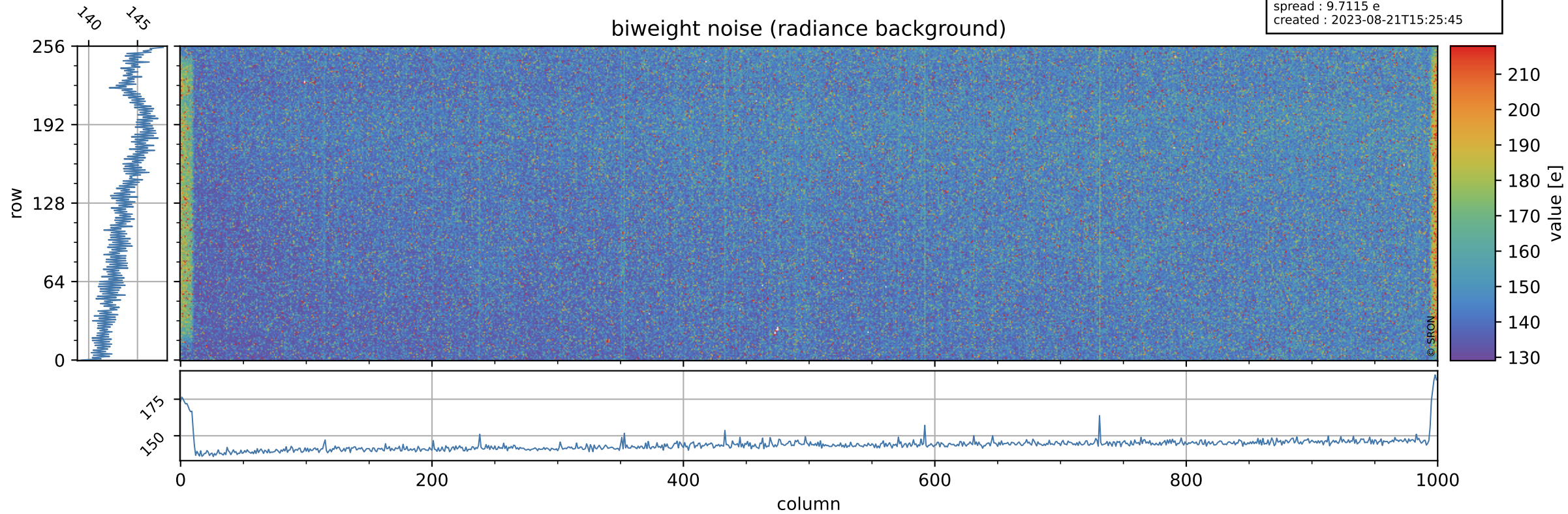
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.7115 e
created : 2023-08-21T15:25:45

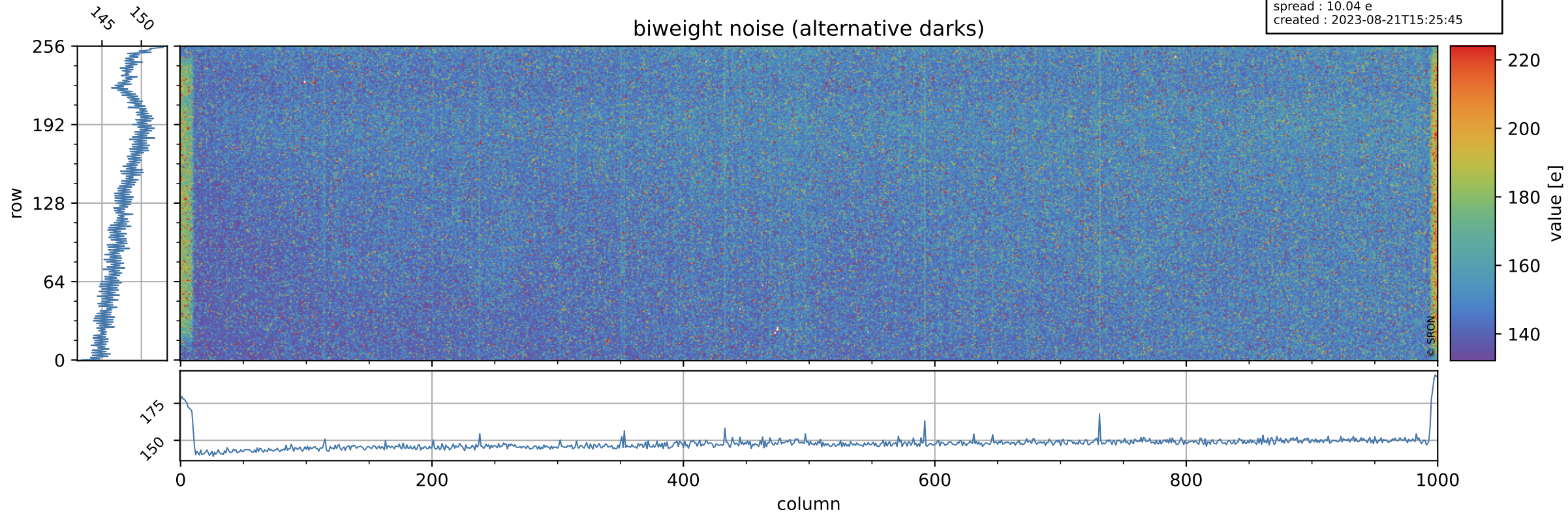
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.04 e
created : 2023-08-21T15:25:45

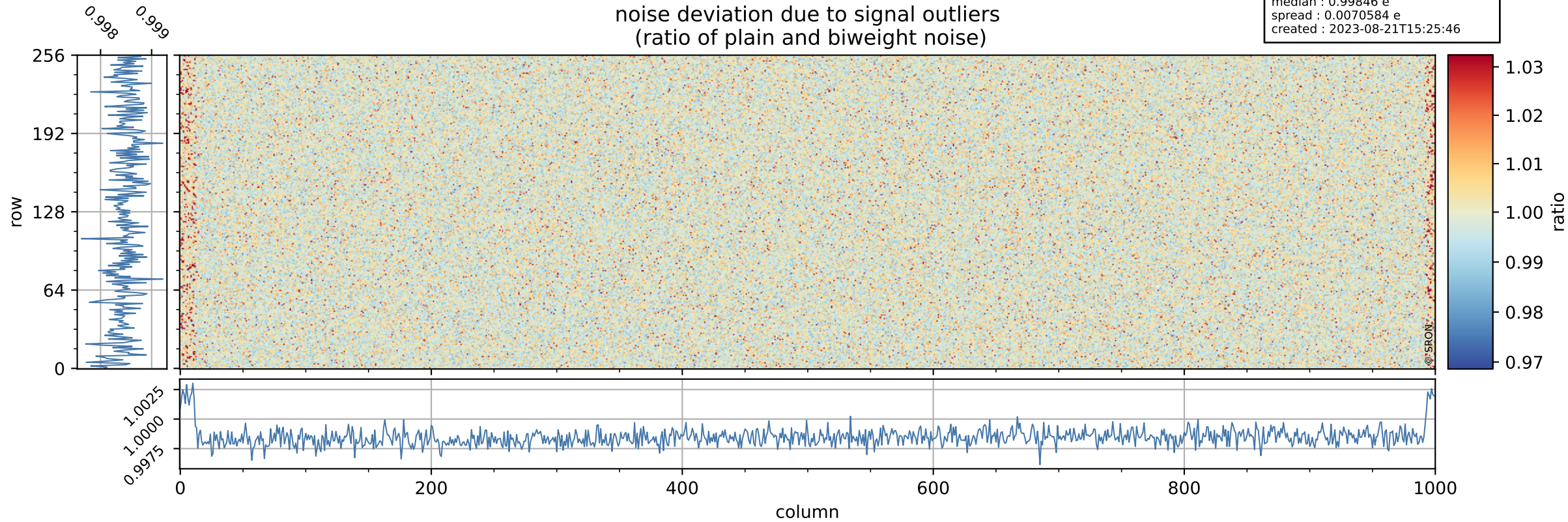
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

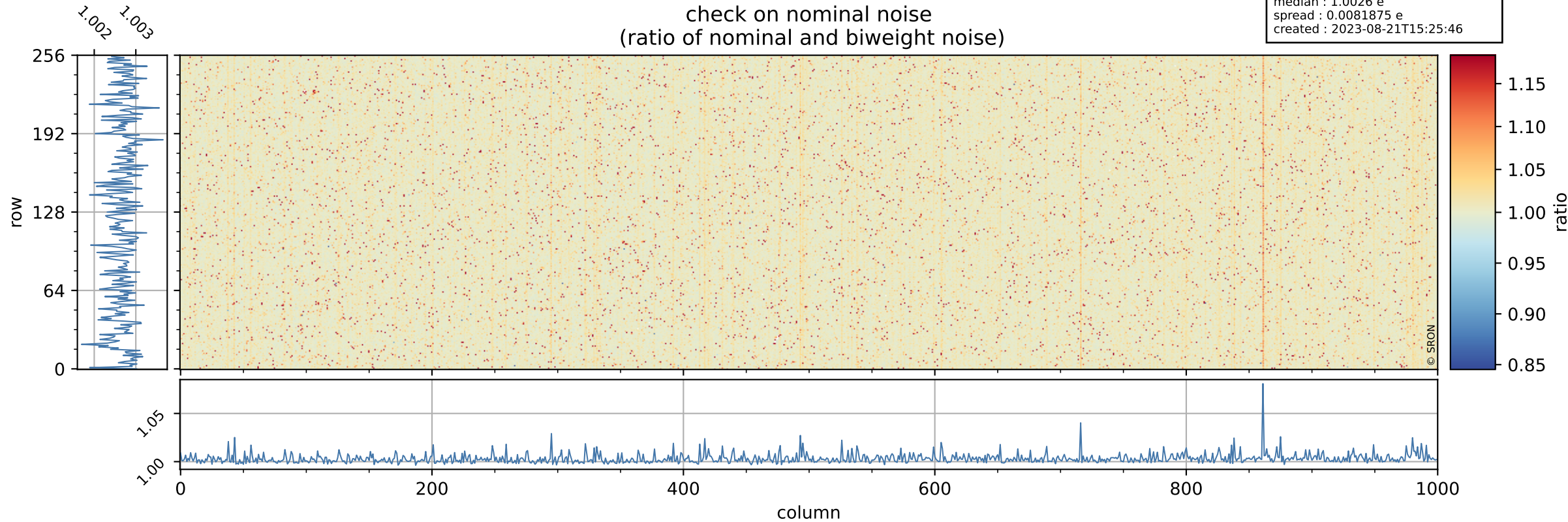
orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
median : 0.99846 e
spread : 0.0070584 e
created : 2023-08-21T15:25:46



Tropomi SWIR background noise (swir)

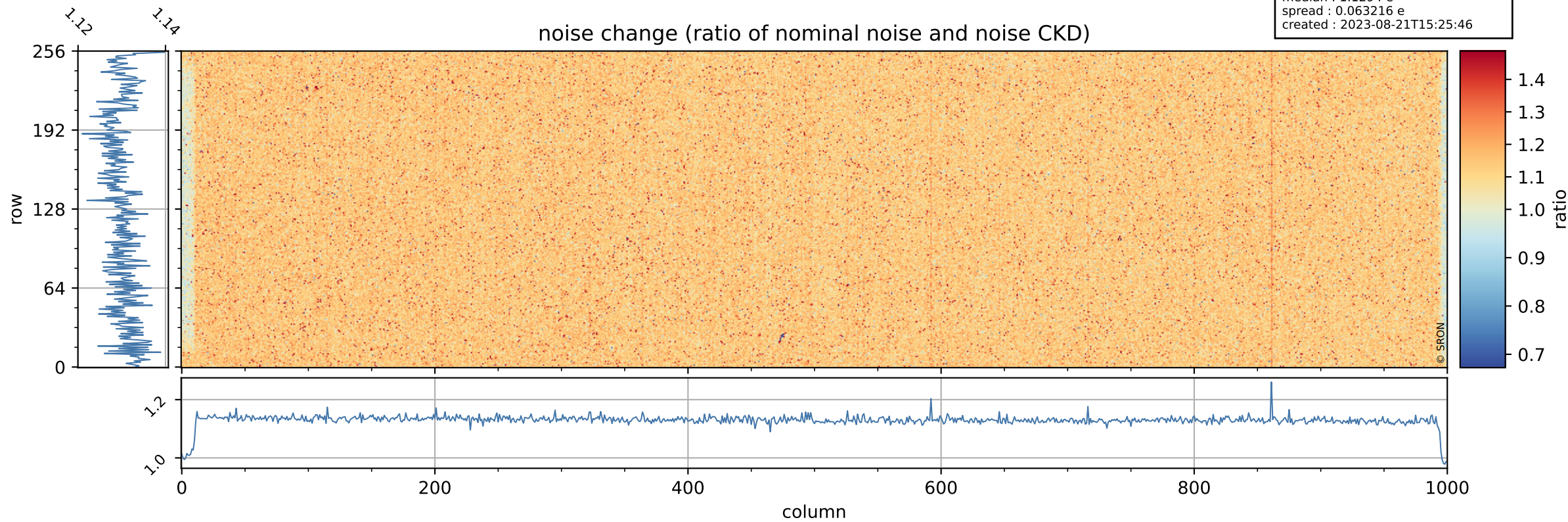
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
median : 1.0026 e
spread : 0.0081875 e
created : 2023-08-21T15:25:46



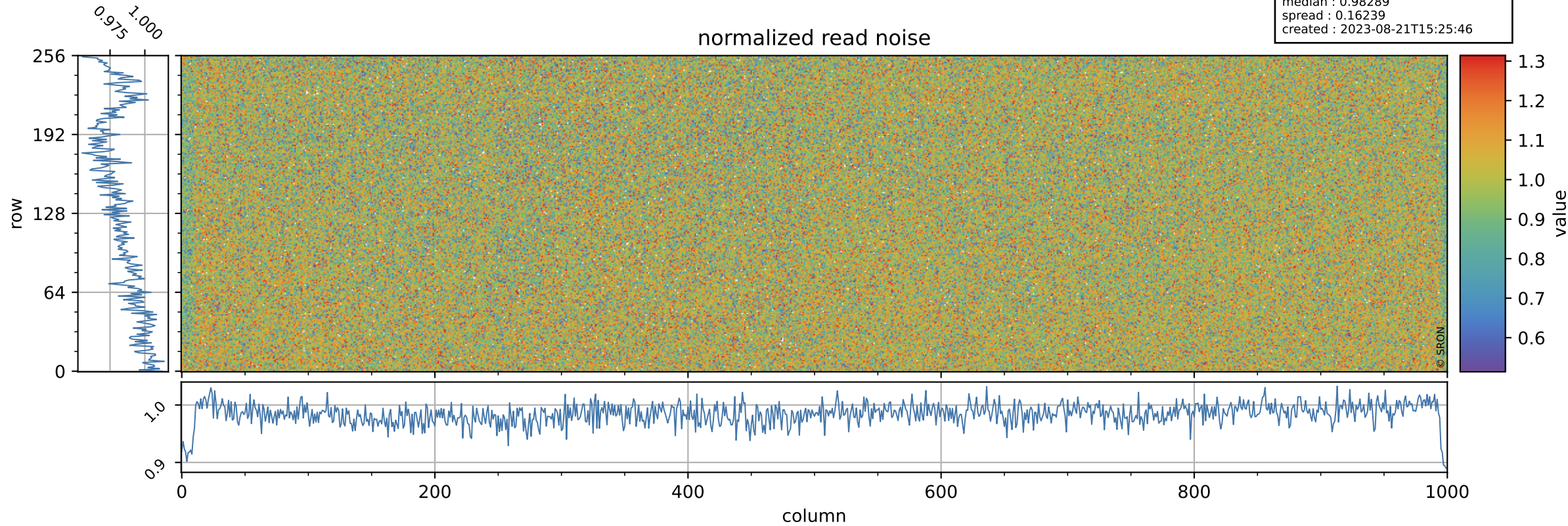
Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
median : 1.1294 e
spread : 0.063216 e
created : 2023-08-21T15:25:46



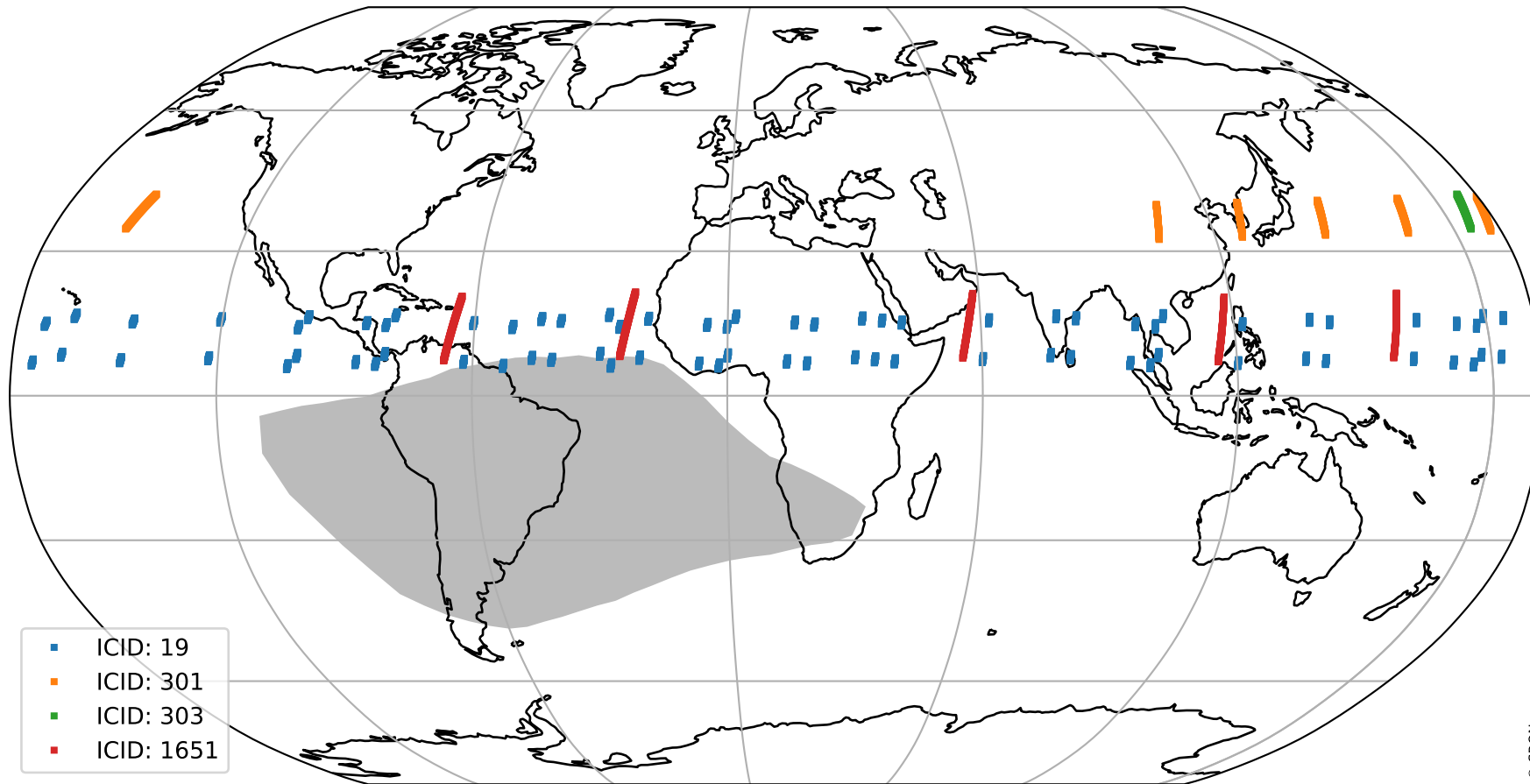
Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
median : 0.98289
spread : 0.16239
created : 2023-08-21T15:25:46



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

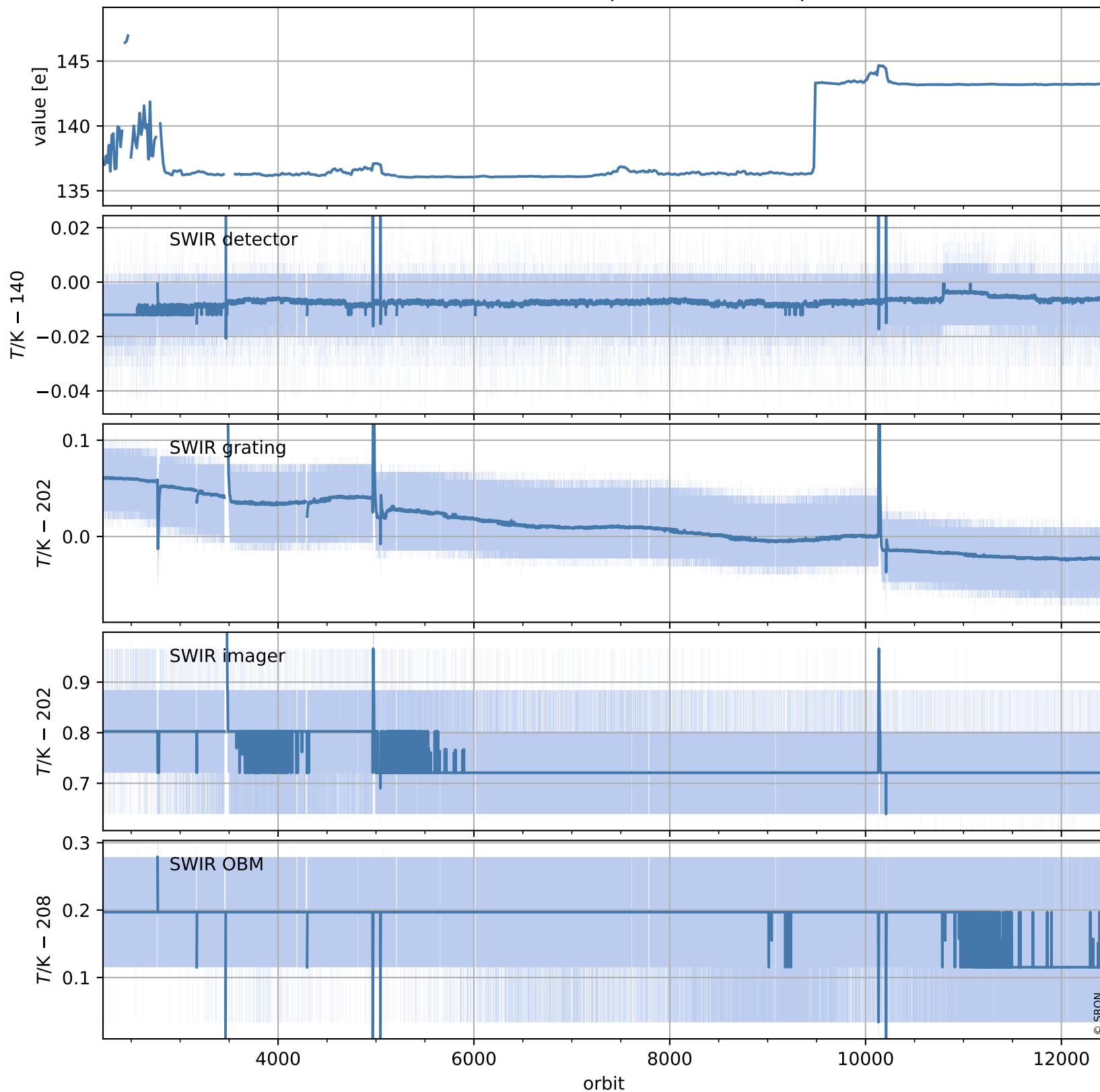
orbits : 12 in [12367, 12442]
coverage : 2020-03-02 / 2020-03-07
created : 2023-08-21T15:25:47



Tropomi SWIR background noise (swir)

orbits : [2212, 12442]
coverage : 2018-03-18 / 2020-03-07
created : 2023-08-21T15:25:47

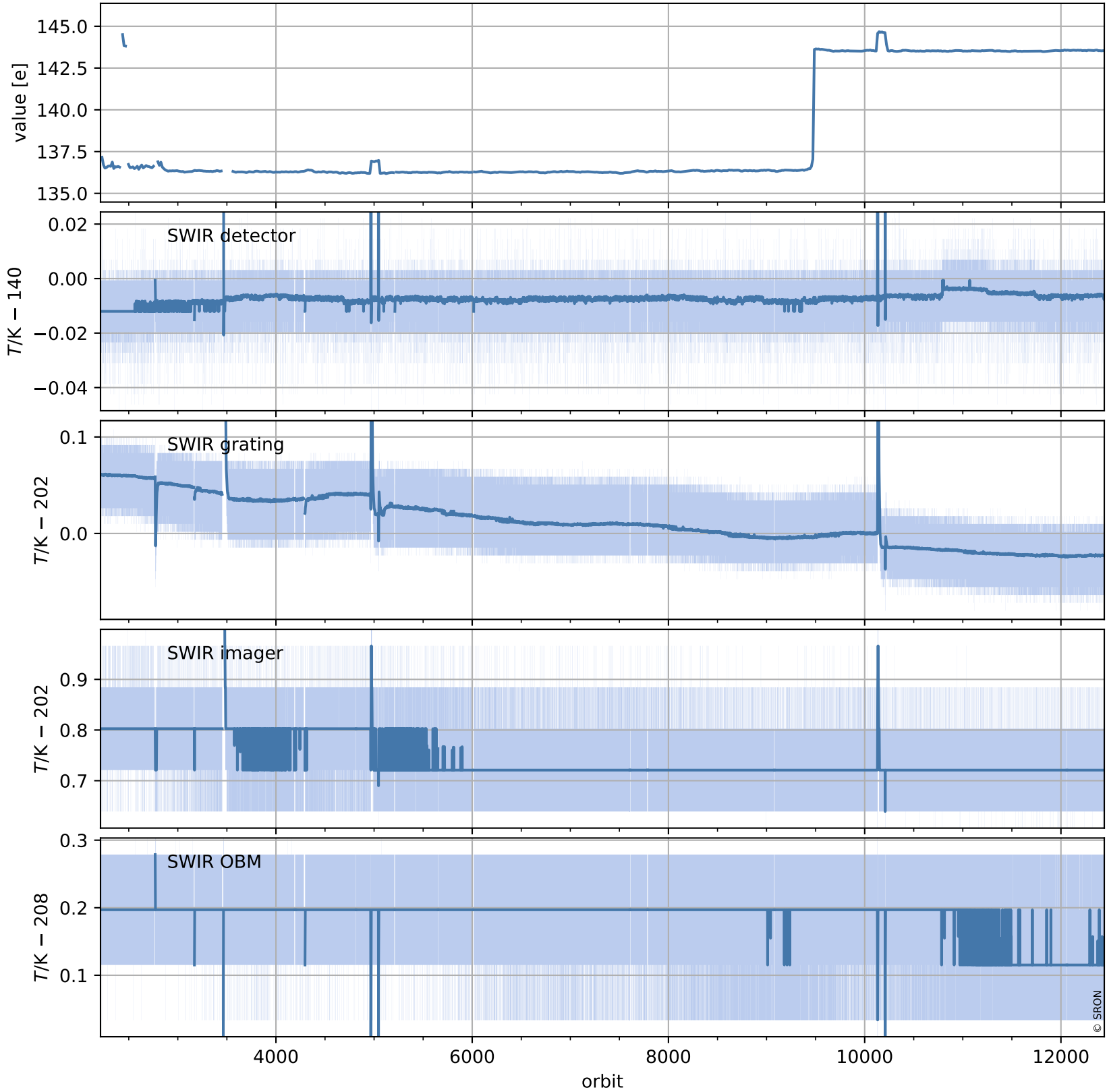
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12442]
coverage : 2018-03-18 / 2020-03-07
created : 2023-08-21T15:25:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12442]
coverage : 2018-03-18 / 2020-03-07
created : 2023-08-21T15:25:48

trend of normalized read-noise & temperatures

