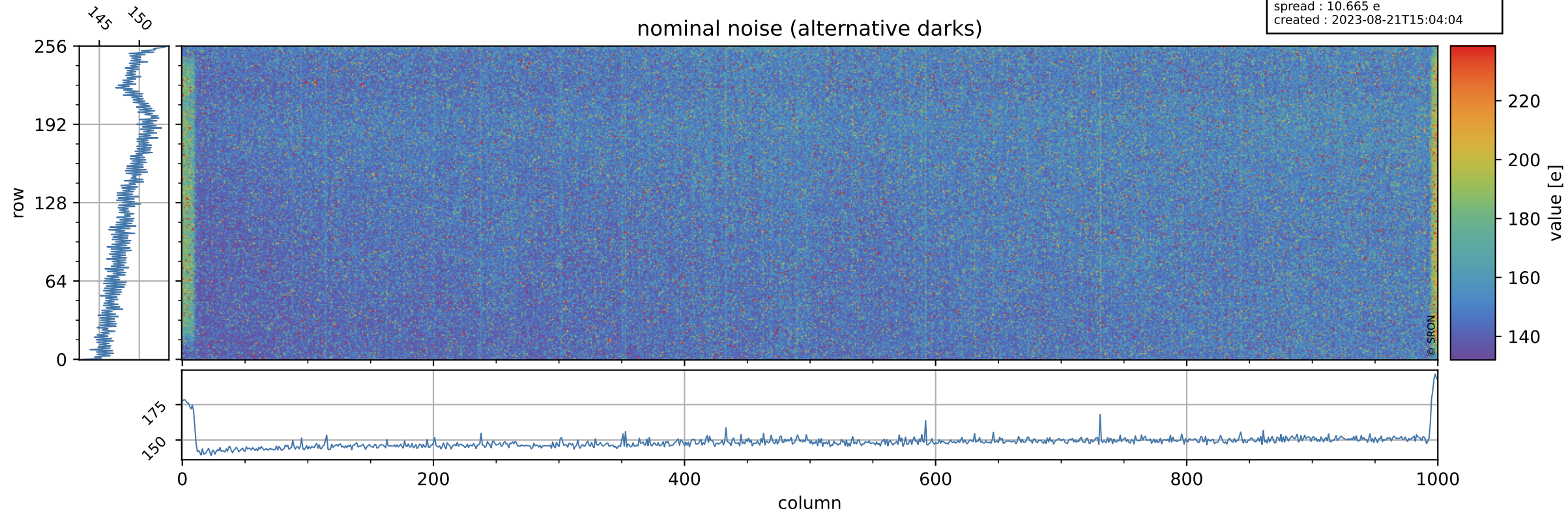


Tropomi SWIR background noise (swir)

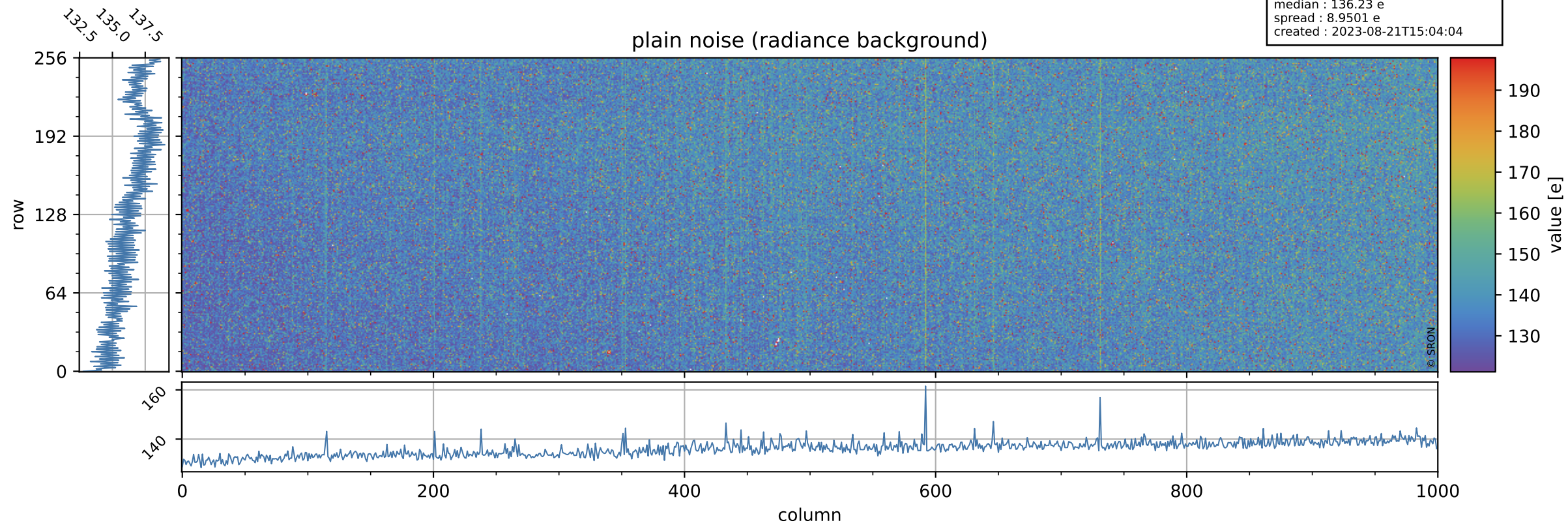
orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.665 e
created : 2023-08-21T15:04:04



Tropomi SWIR background noise (swir)

orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.9501 e
created : 2023-08-21T15:04:04

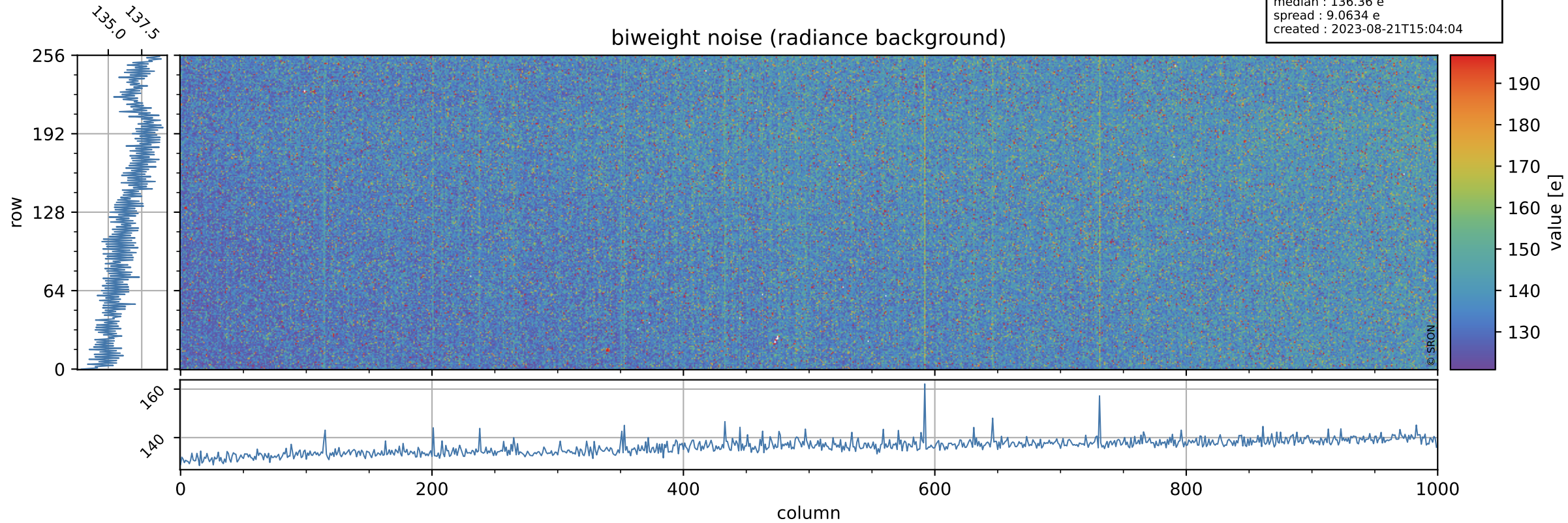
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
n_coad, t_exp : 2, 0.5383
median : 136.36 e
spread : 9.0634 e
created : 2023-08-21T15:04:04

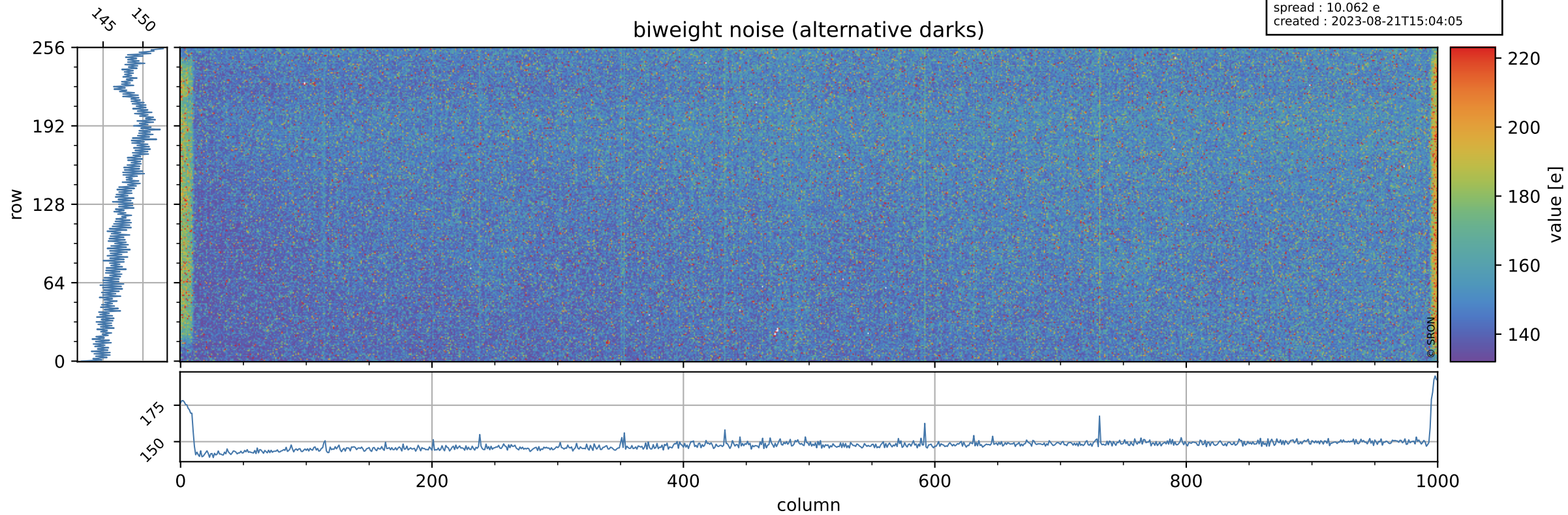
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.062 e
created : 2023-08-21T15:04:05

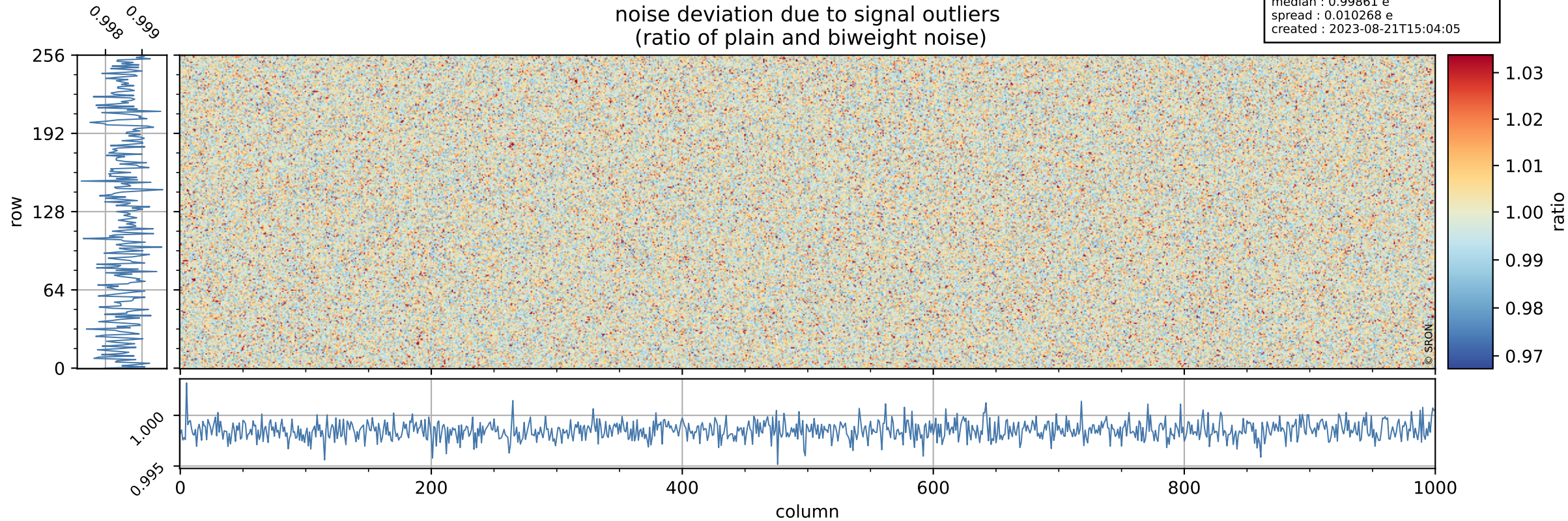
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

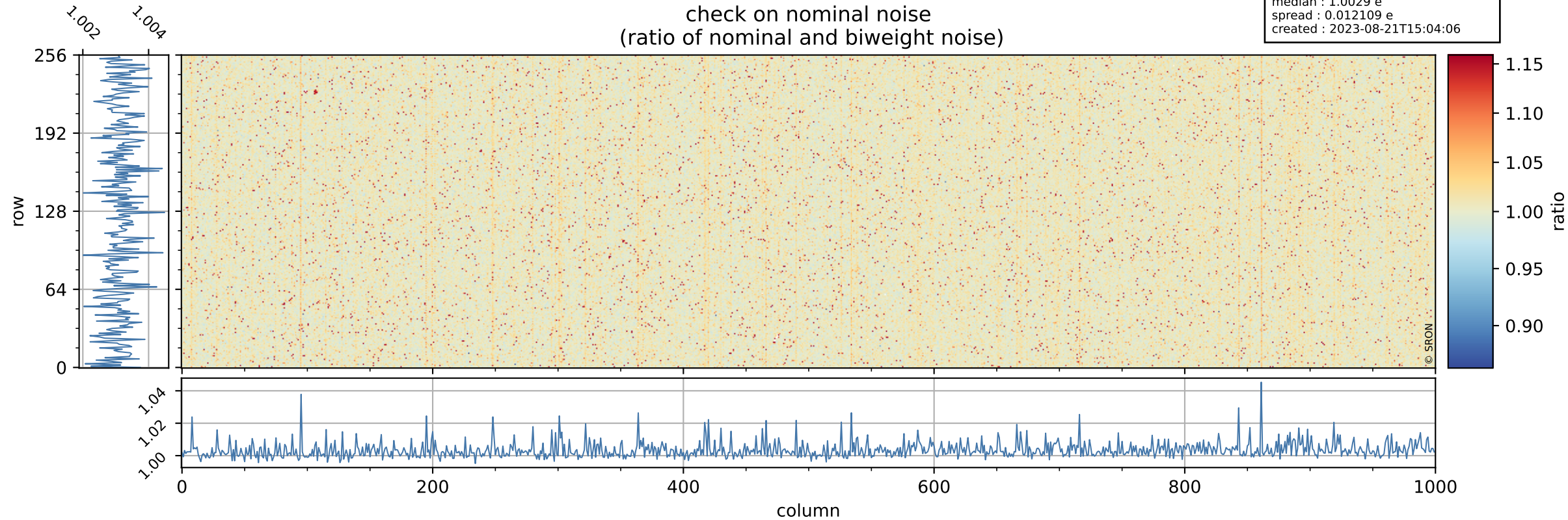
orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
median : 0.99861 e
spread : 0.010268 e
created : 2023-08-21T15:04:05



Tropomi SWIR background noise (swir)

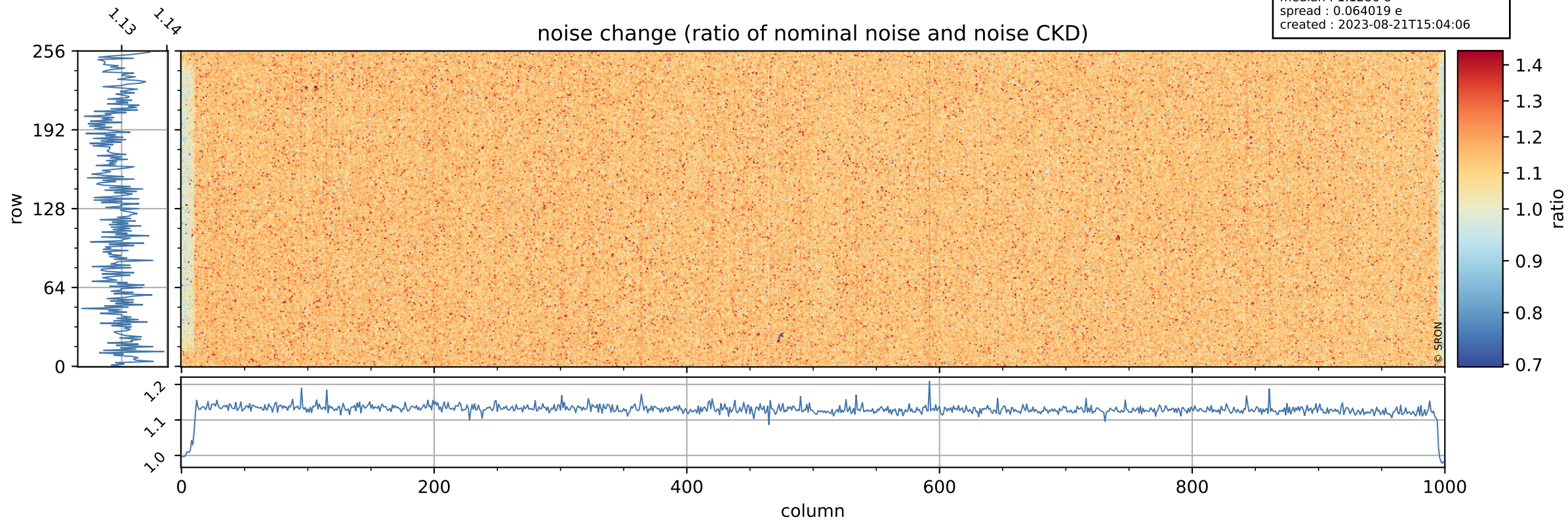
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
median : 1.0029 e
spread : 0.012109 e
created : 2023-08-21T15:04:06



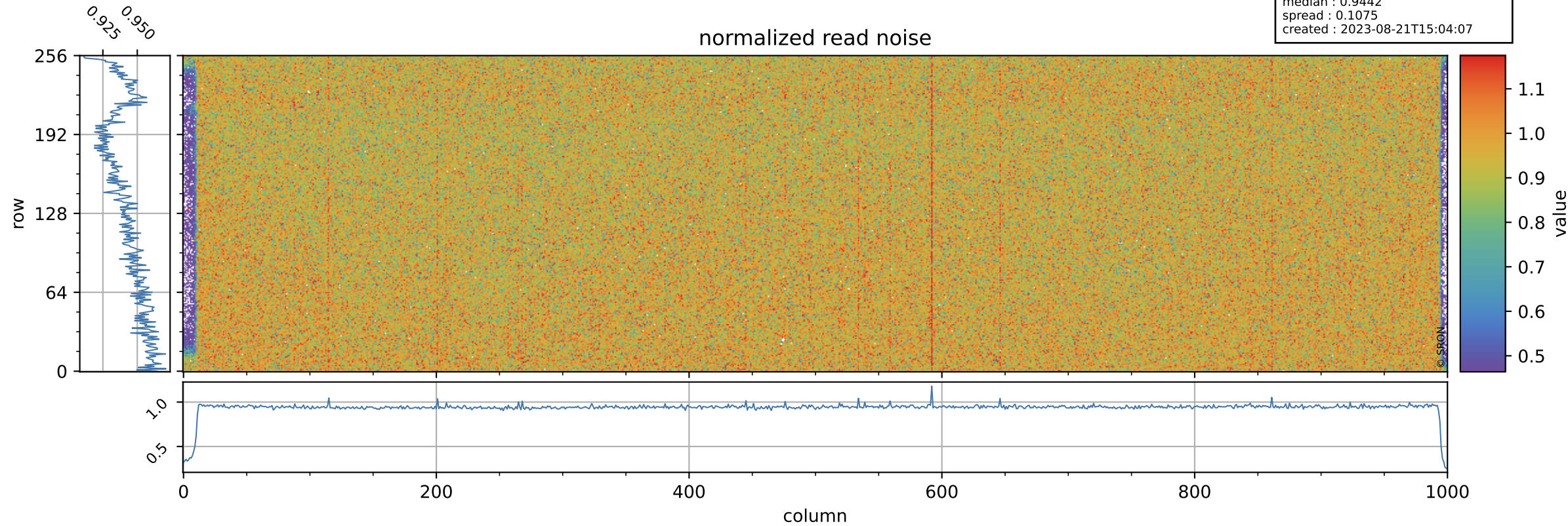
Tropomi SWIR background noise (swir)

orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
median : 1.1286 e
spread : 0.064019 e
created : 2023-08-21T15:04:06



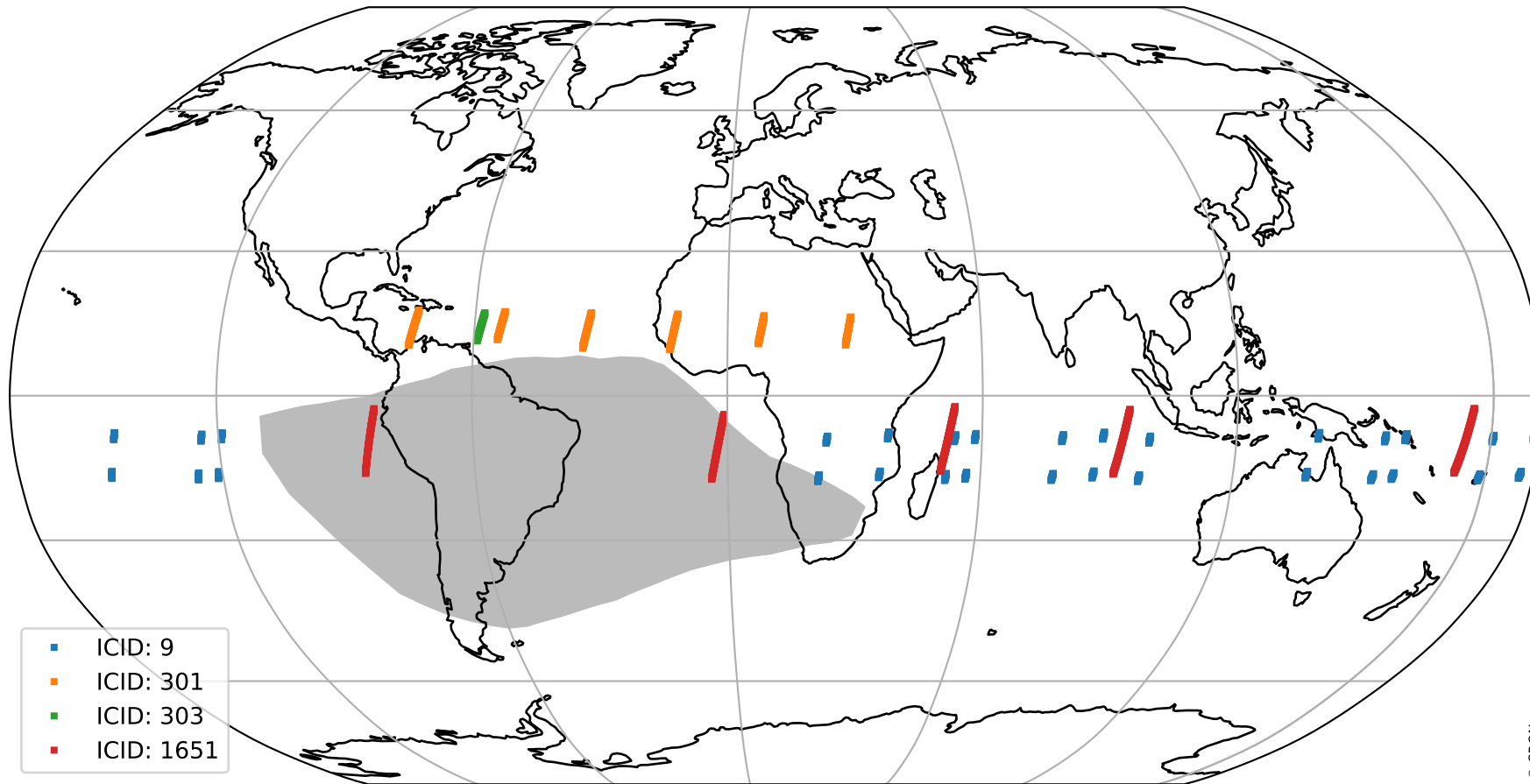
Tropomi SWIR background noise (swir)

orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
median : 0.9442
spread : 0.1075
created : 2023-08-21T15:04:07



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

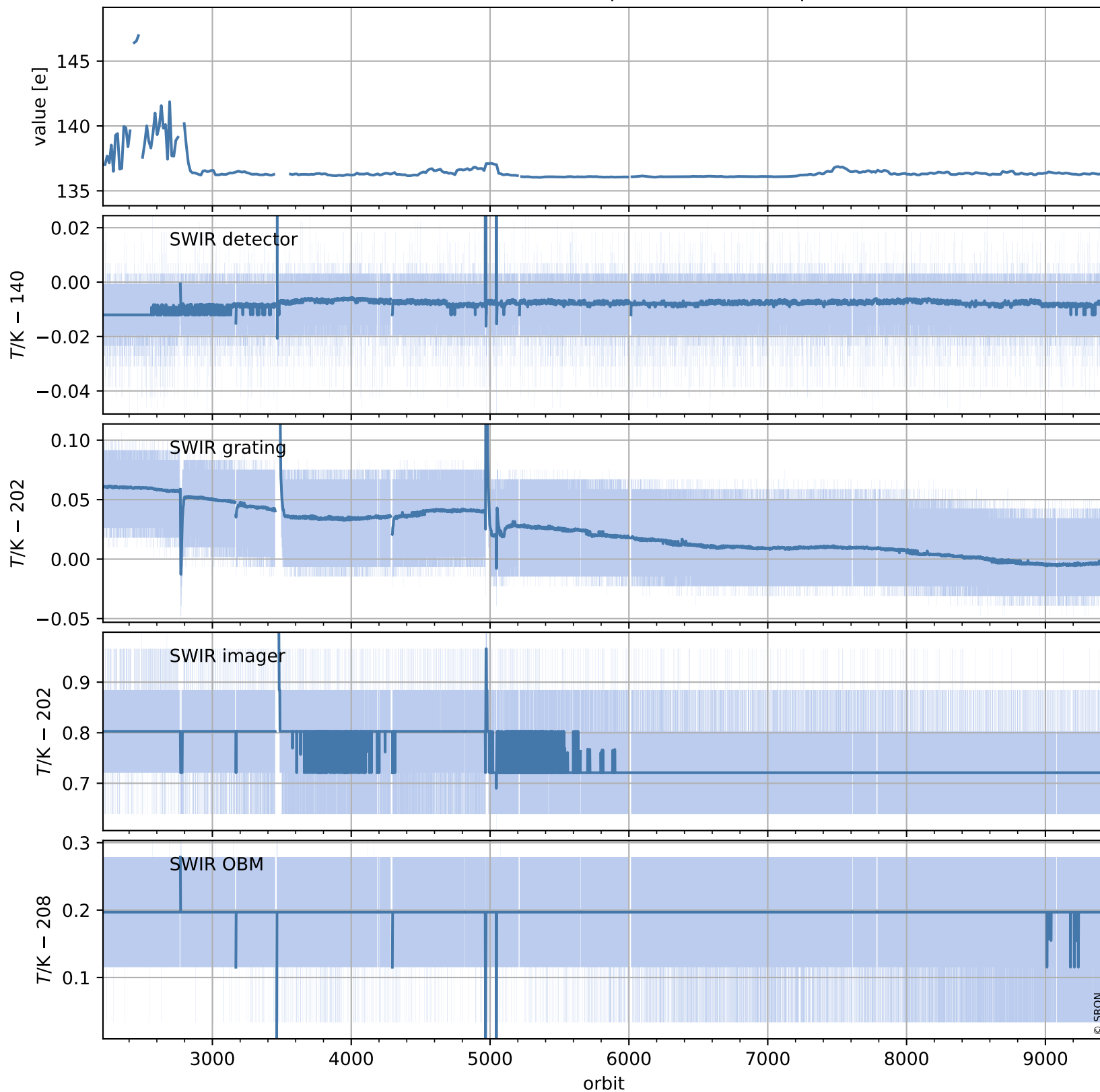
orbits : 12 in [9337, 9427]
coverage : 2019-08-02 / 2019-08-08
created : 2023-08-21T15:04:07



Tropomi SWIR background noise (swir)

orbits : [2212, 9427]
coverage : 2018-03-18 / 2019-08-08
created : 2023-08-21T15:04:08

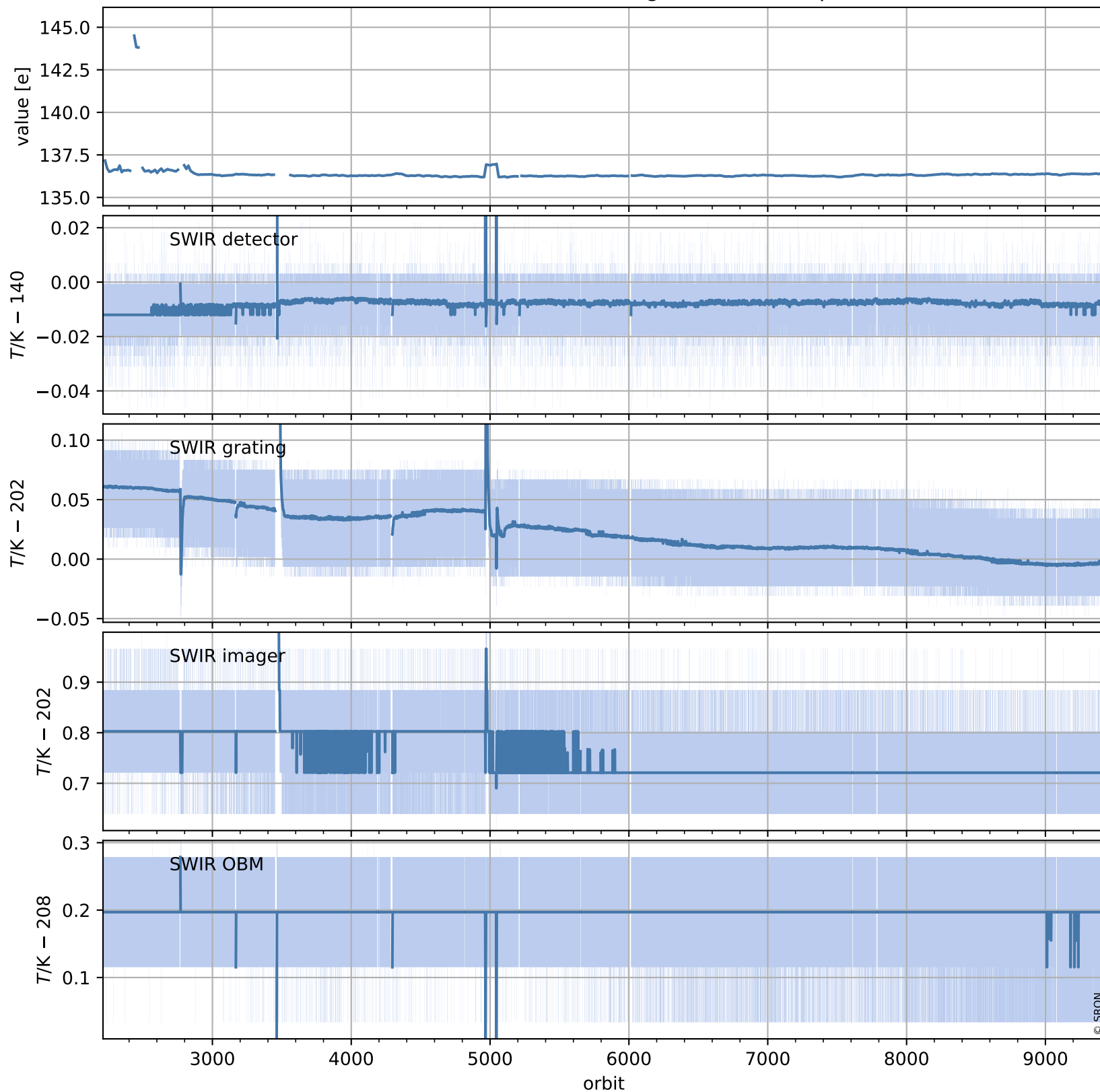
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9427]
coverage : 2018-03-18 / 2019-08-08
created : 2023-08-21T15:04:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9427]
coverage : 2018-03-18 / 2019-08-08
created : 2023-08-21T15:04:10

trend of normalized read-noise & temperatures

