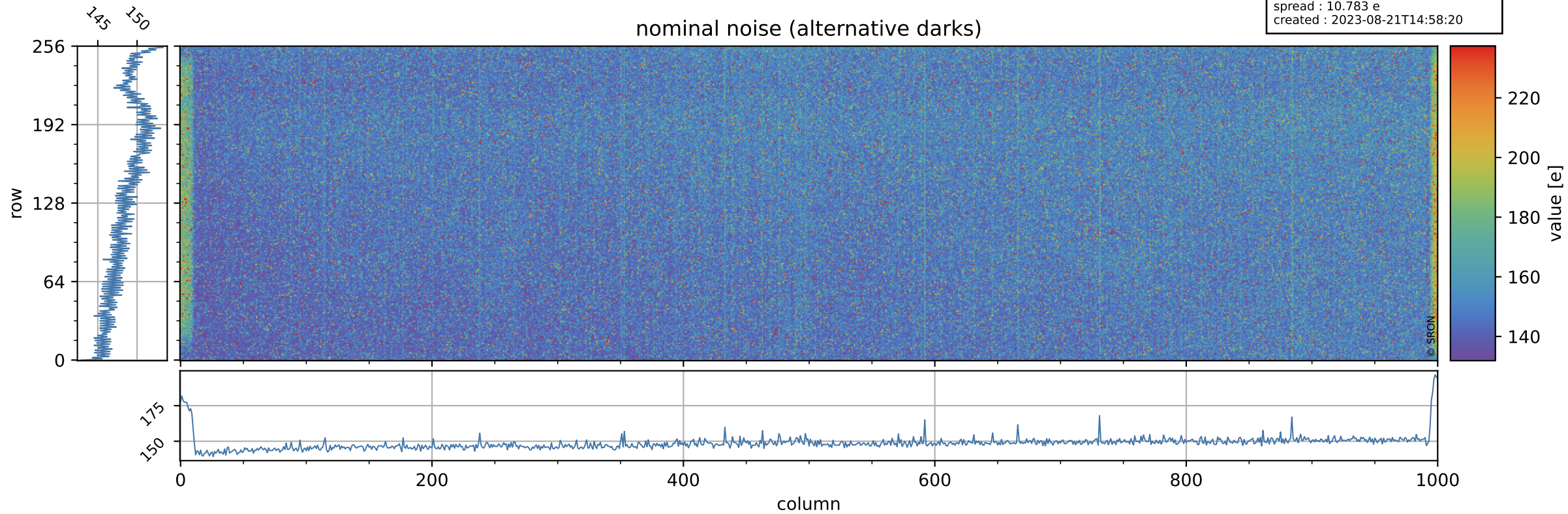


Tropomi SWIR background noise (swir)

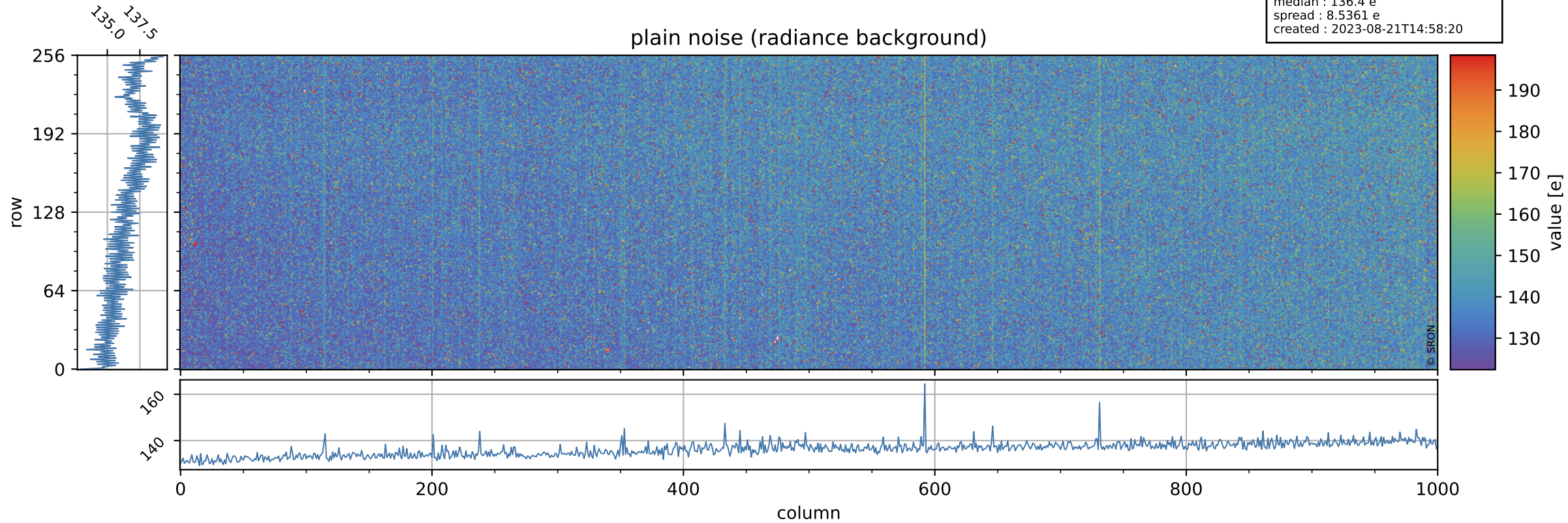
orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.783 e
created : 2023-08-21T14:58:20



Tropomi SWIR background noise (swir)

orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
n_coad, t_exp : 2, 0.5383
median : 136.4 e
spread : 8.5361 e
created : 2023-08-21T14:58:20

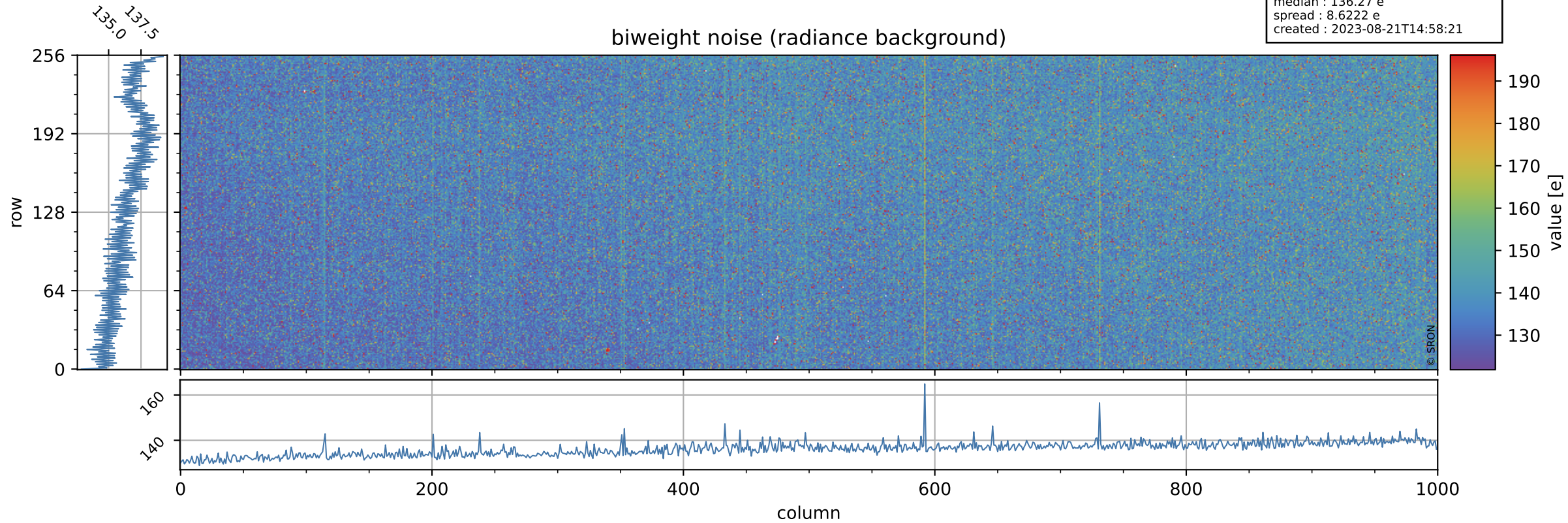
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6222 e
created : 2023-08-21T14:58:21

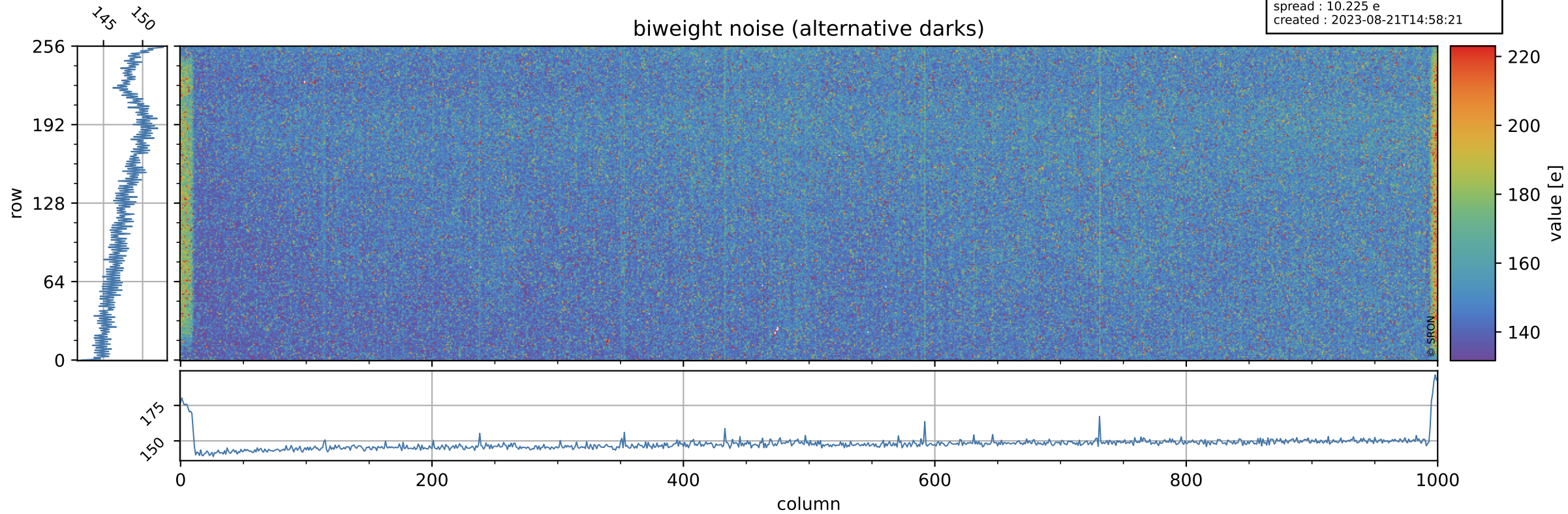
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.225 e
created : 2023-08-21T14:58:21

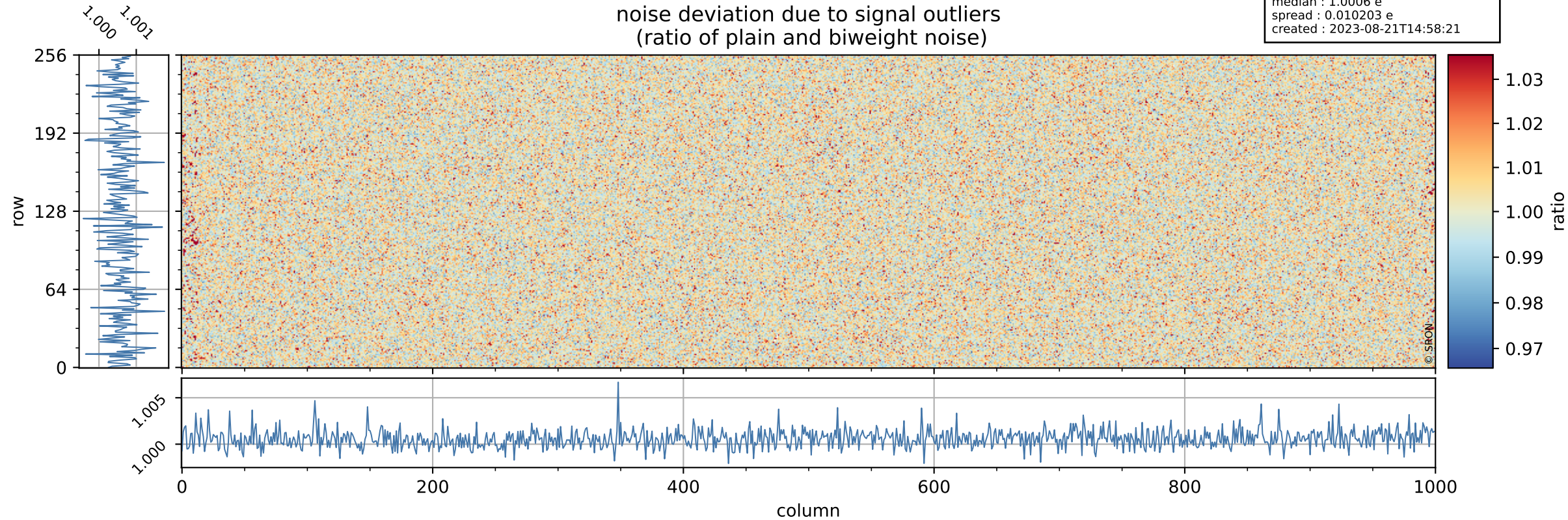
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

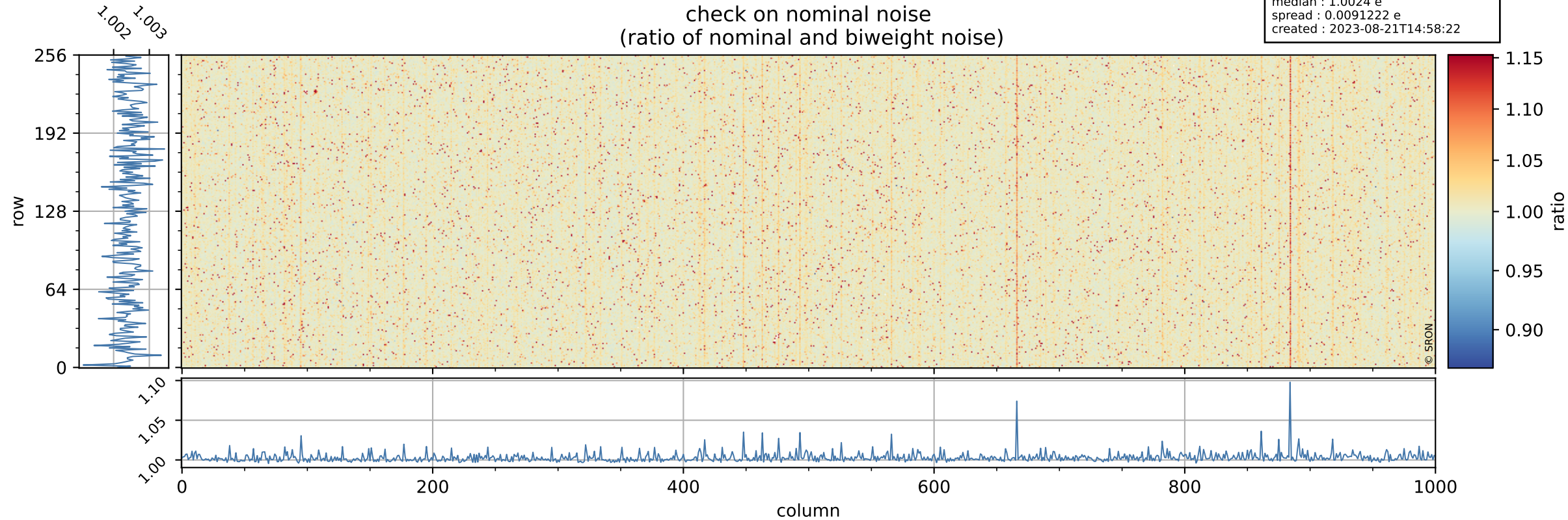
orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
median : 1.0006 e
spread : 0.010203 e
created : 2023-08-21T14:58:21



Tropomi SWIR background noise (swir)

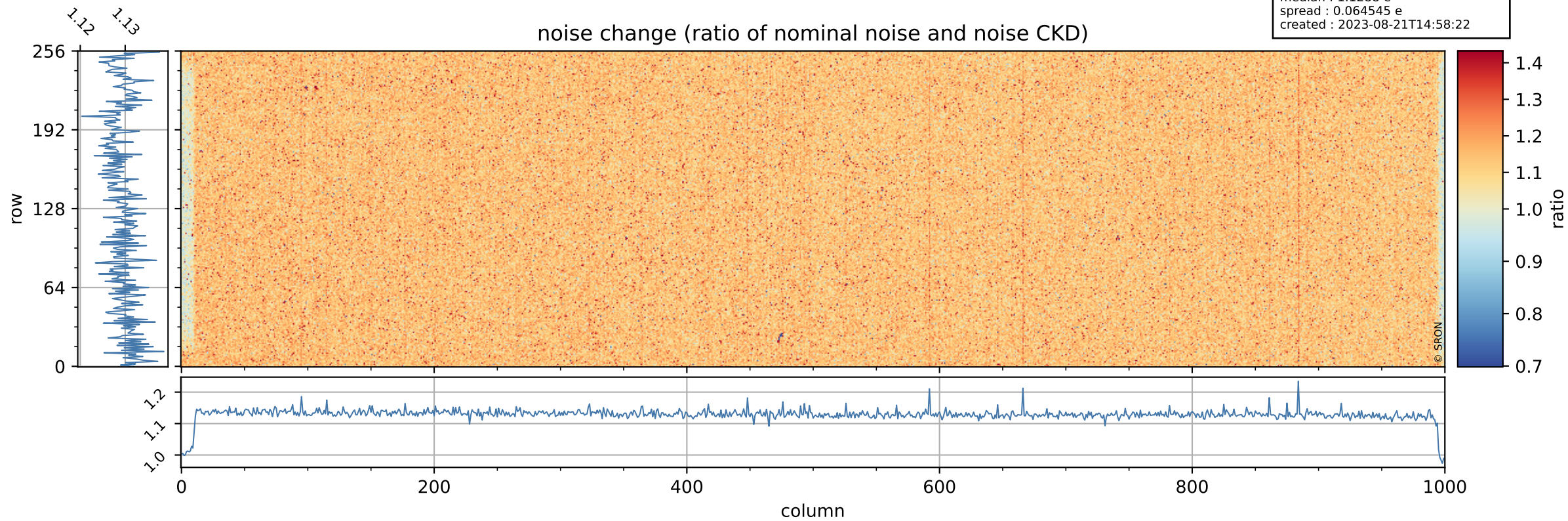
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
median : 1.0024 e
spread : 0.0091222 e
created : 2023-08-21T14:58:22



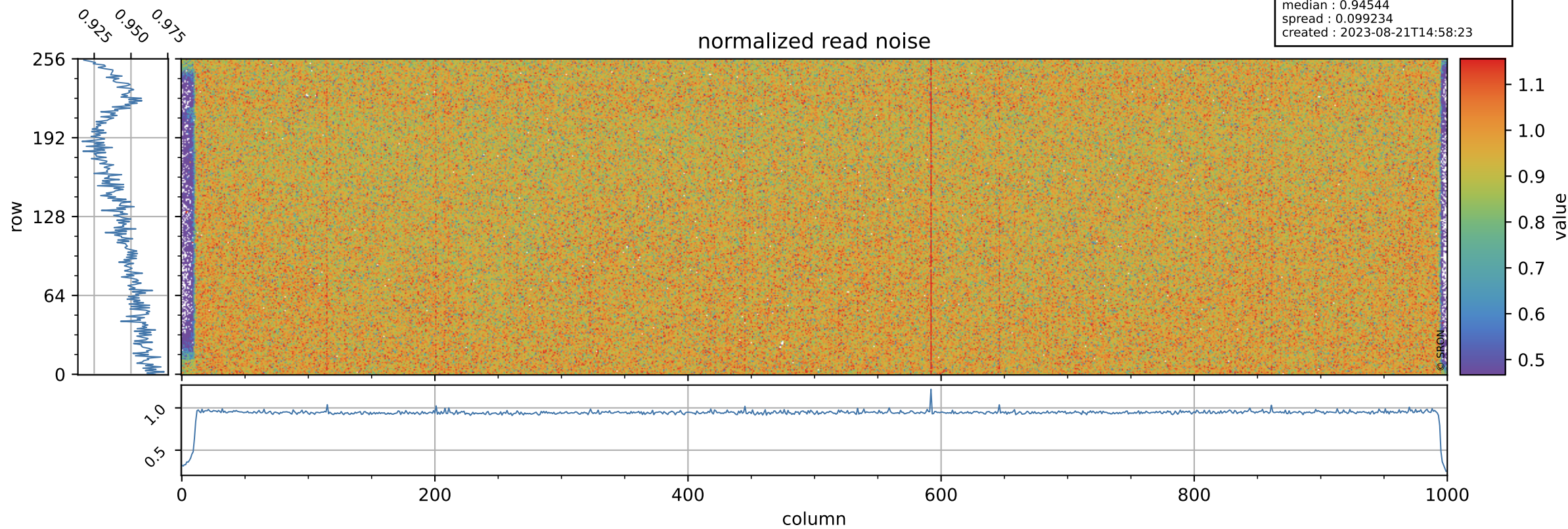
Tropomi SWIR background noise (swir)

orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
median : 1.1288 e
spread : 0.064545 e
created : 2023-08-21T14:58:22



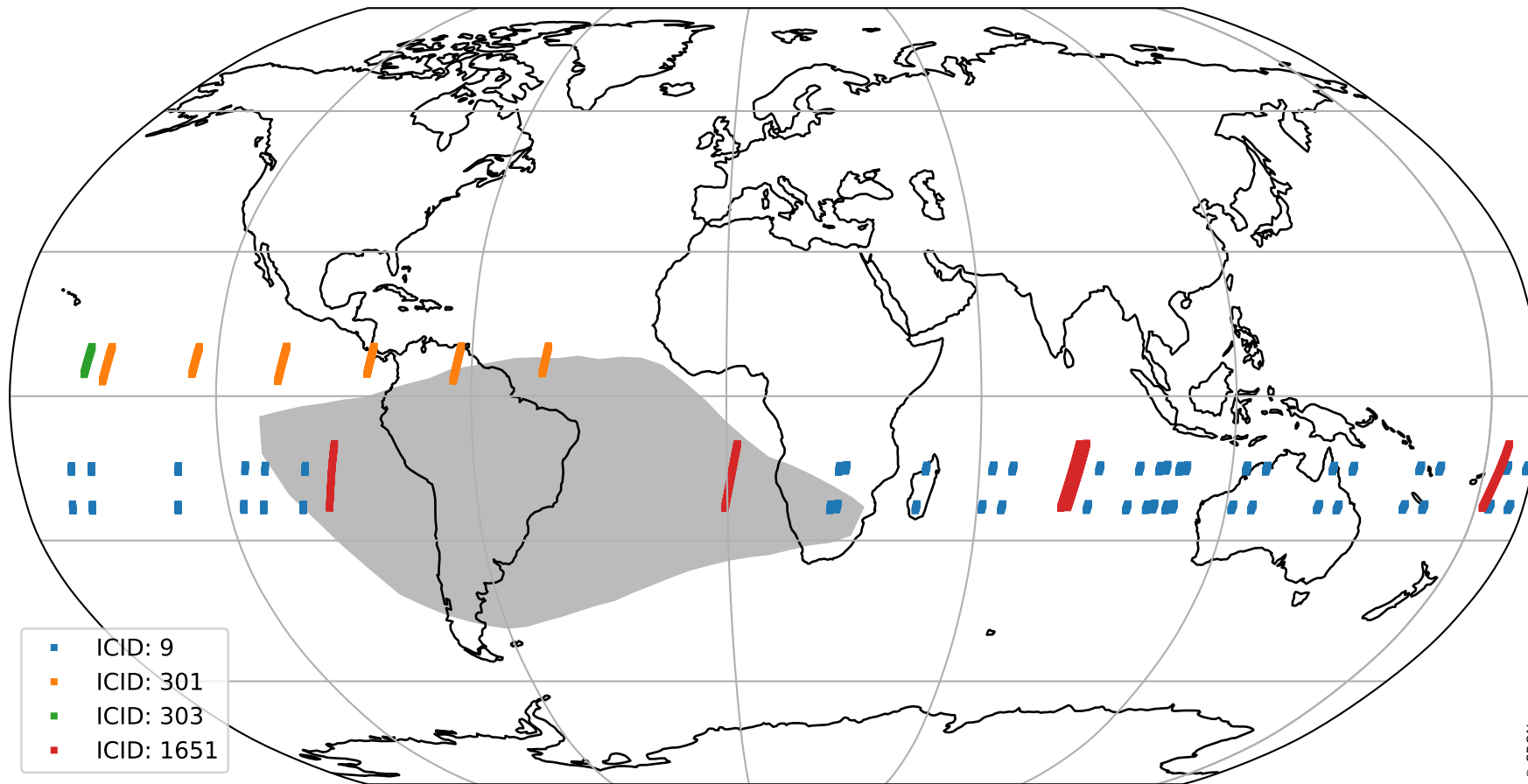
Tropomi SWIR background noise (swir)

orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
median : 0.94544
spread : 0.099234
created : 2023-08-21T14:58:23



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

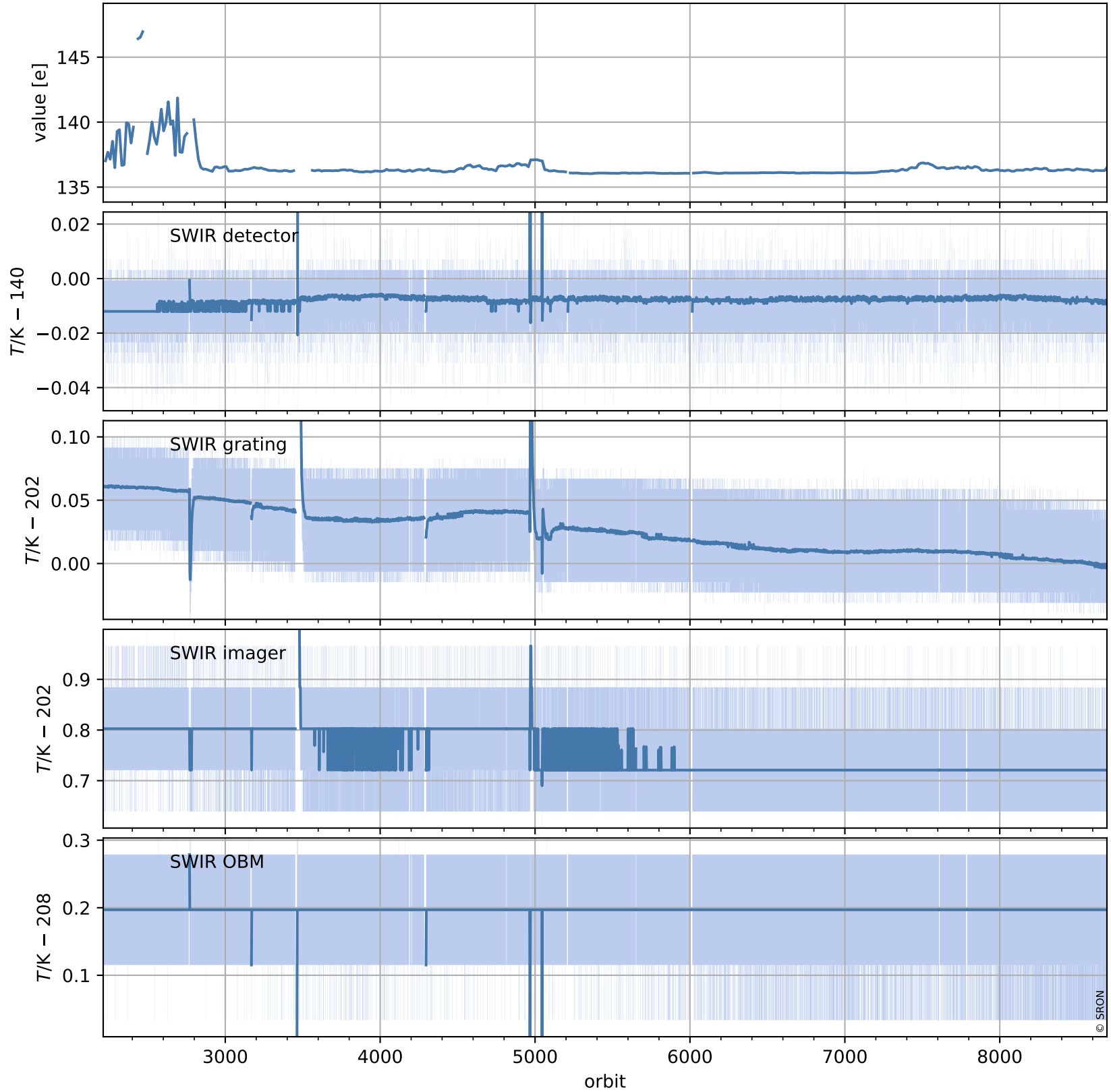
orbits : 12 in [8602, 8692]
coverage : 2019-06-12 / 2019-06-17
created : 2023-08-21T14:58:23



Tropomi SWIR background noise (swir)

orbits : [2212, 8692]
coverage : 2018-03-18 / 2019-06-17
created : 2023-08-21T14:58:24

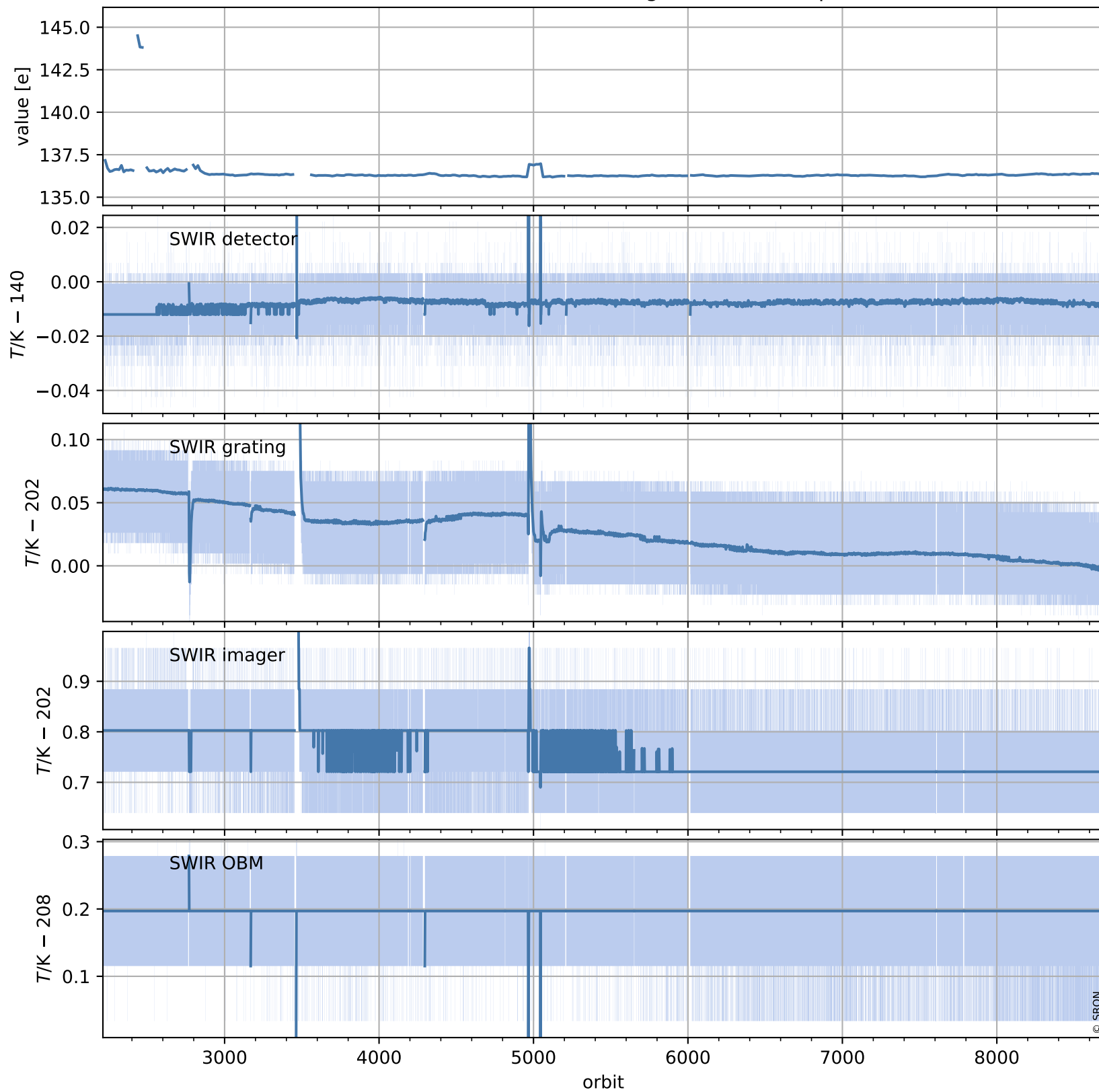
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8692]
coverage : 2018-03-18 / 2019-06-17
created : 2023-08-21T14:58:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8692]
coverage : 2018-03-18 / 2019-06-17
created : 2023-08-21T14:58:26

trend of normalized read-noise & temperatures

