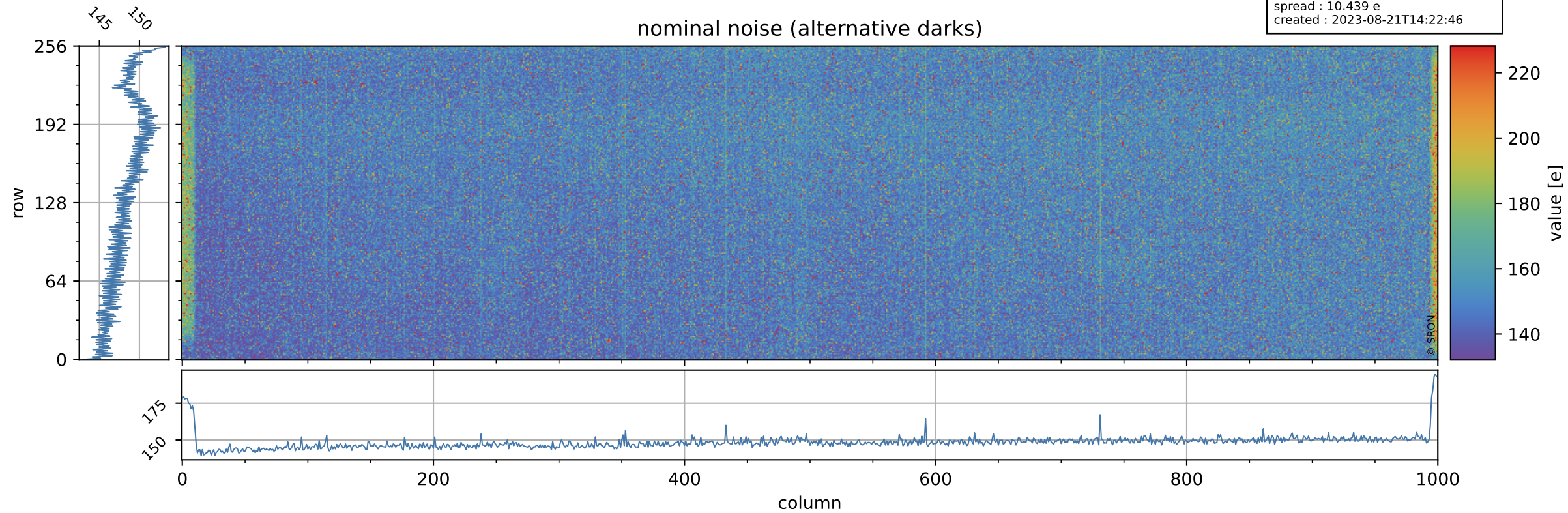


Tropomi SWIR background noise (swir)

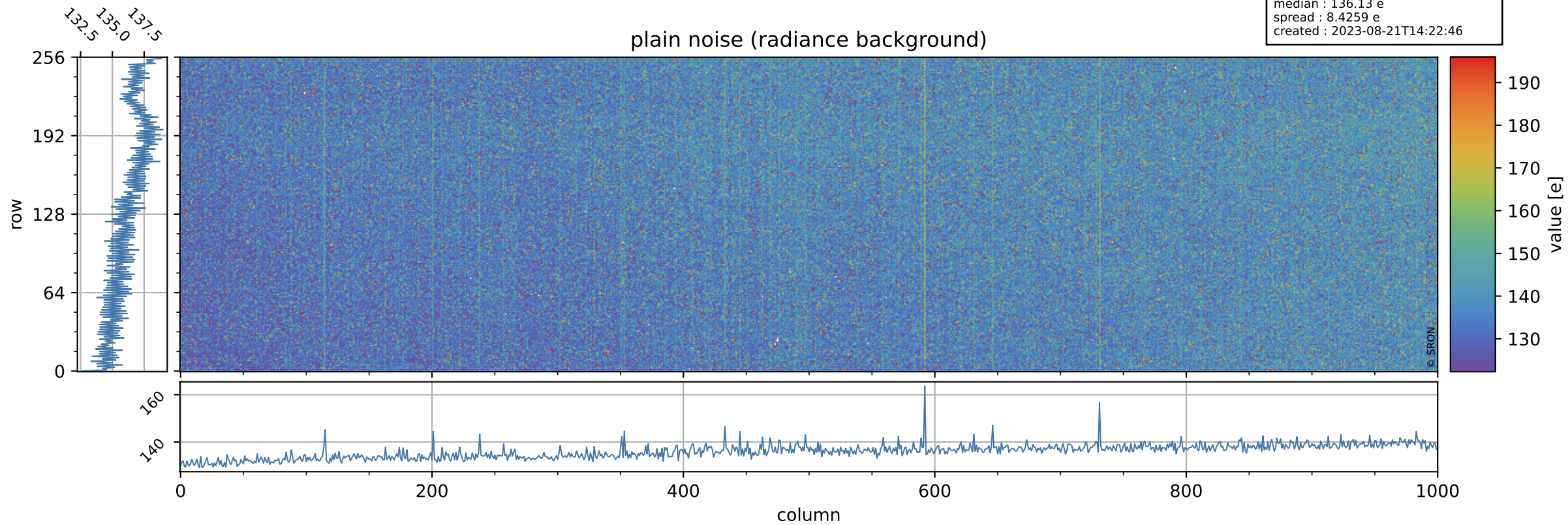
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
n_coad, t_exp : 1, 1.0783
median : 148.21 e
spread : 10.439 e
created : 2023-08-21T14:22:46



Tropomi SWIR background noise (swir)

orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4259 e
created : 2023-08-21T14:22:46

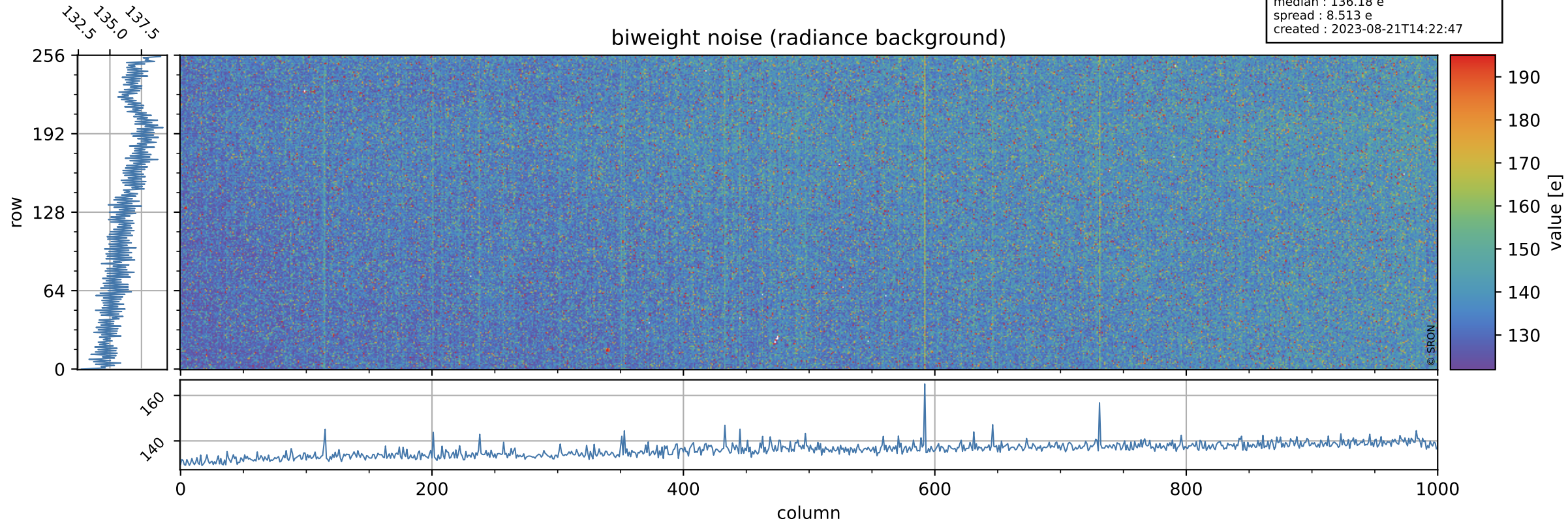
plain noise (radiance background)



Tropomi SWIR background noise (swir)

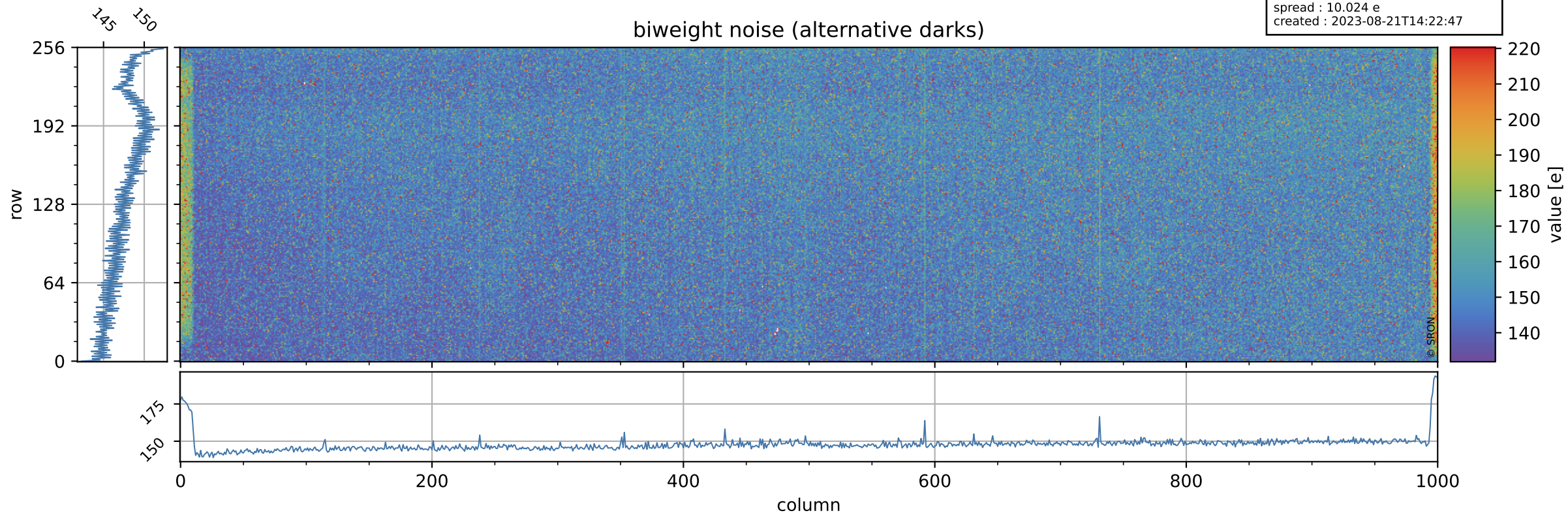
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.513 e
created : 2023-08-21T14:22:47

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

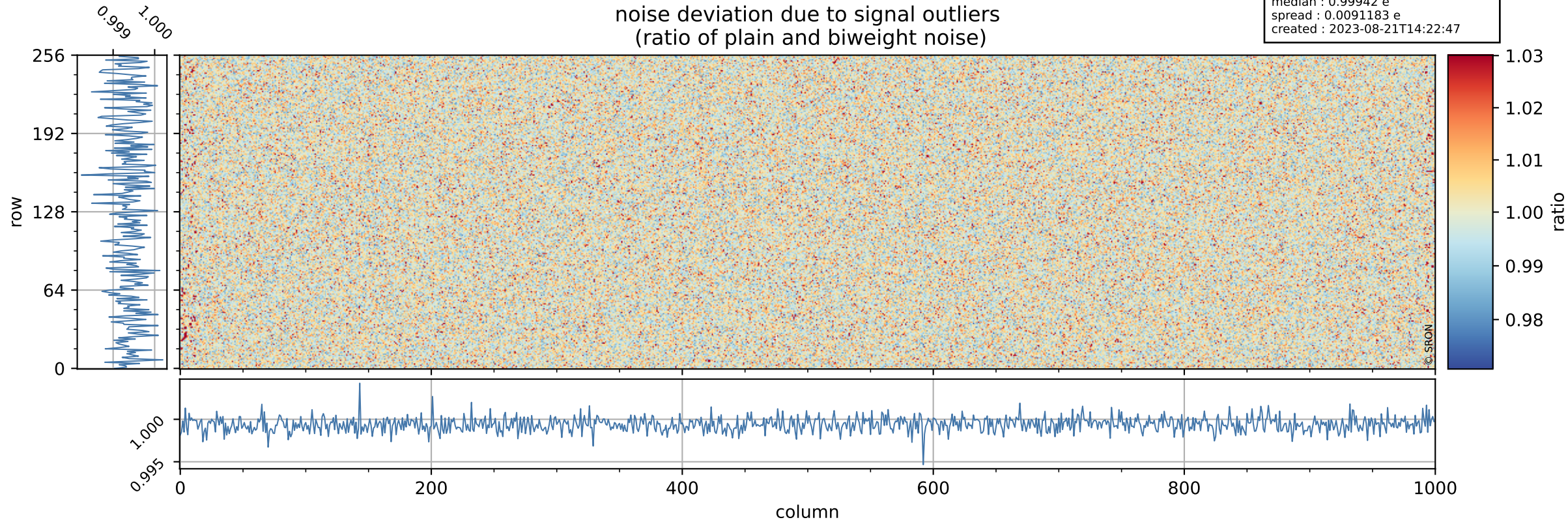
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 10.024 e
created : 2023-08-21T14:22:47



Tropomi SWIR background noise (swir)

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

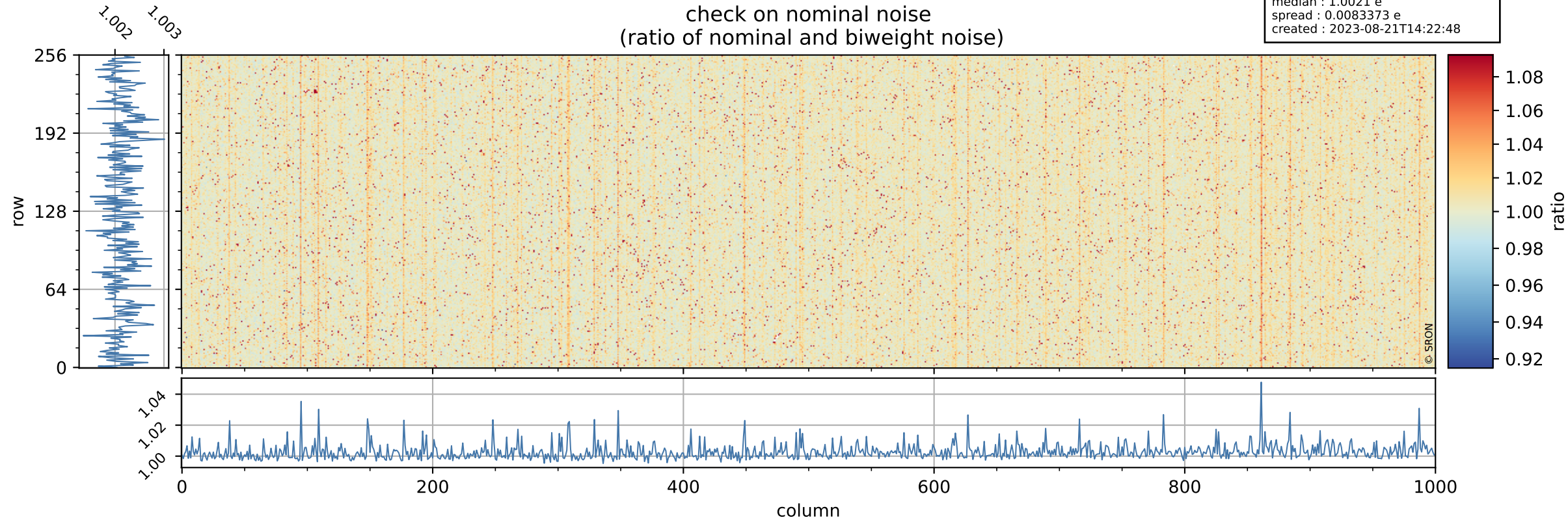
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
median : 0.99942 e
spread : 0.0091183 e
created : 2023-08-21T14:22:47



Tropomi SWIR background noise (swir)

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

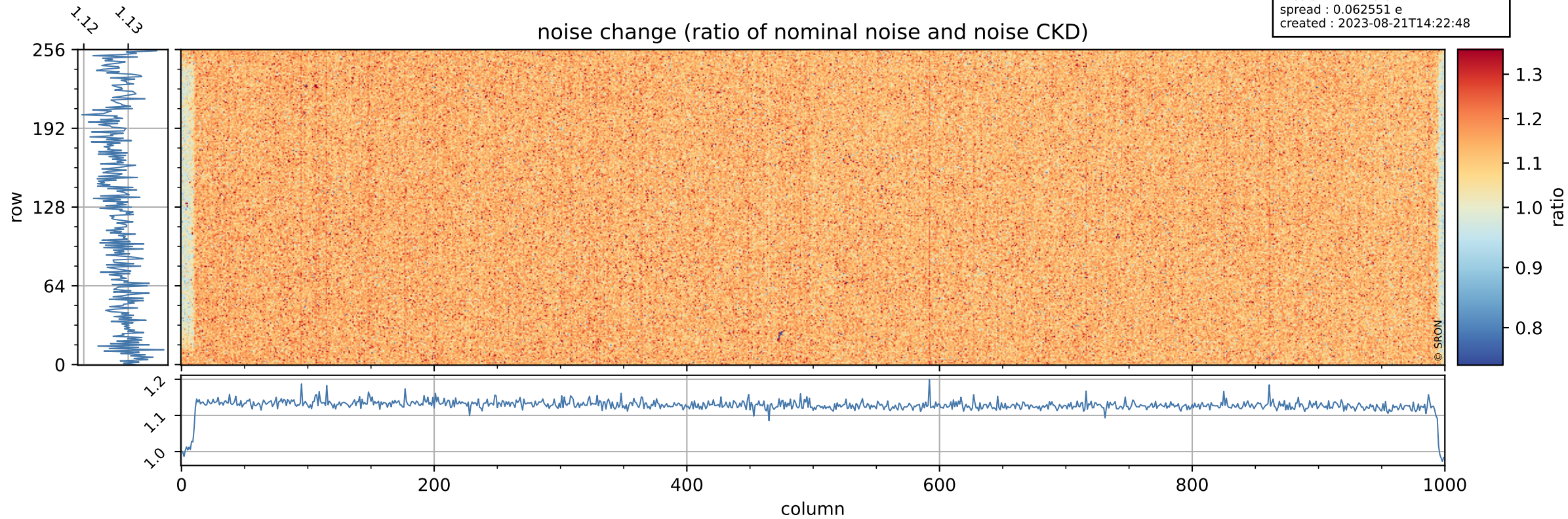
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
median : 1.0021 e
spread : 0.0083373 e
created : 2023-08-21T14:22:48



Tropomi SWIR background noise (swir)

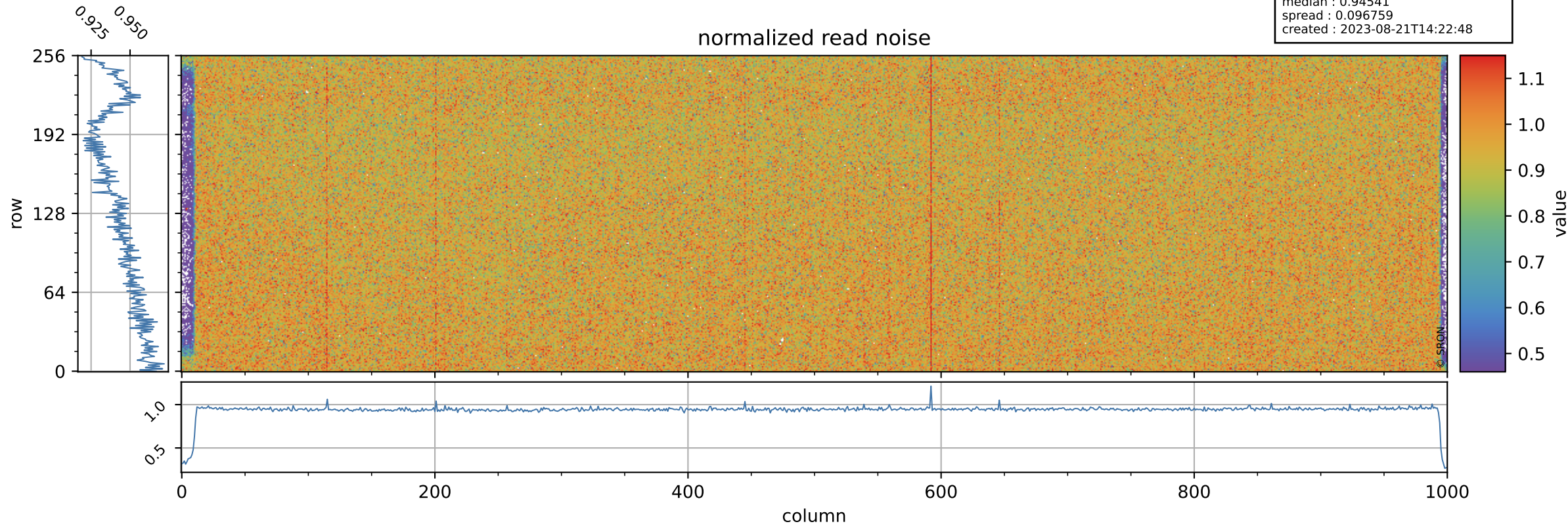
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
median : 1.1278 e
spread : 0.062551 e
created : 2023-08-21T14:22:48

noise change (ratio of nominal noise and noise CKD)



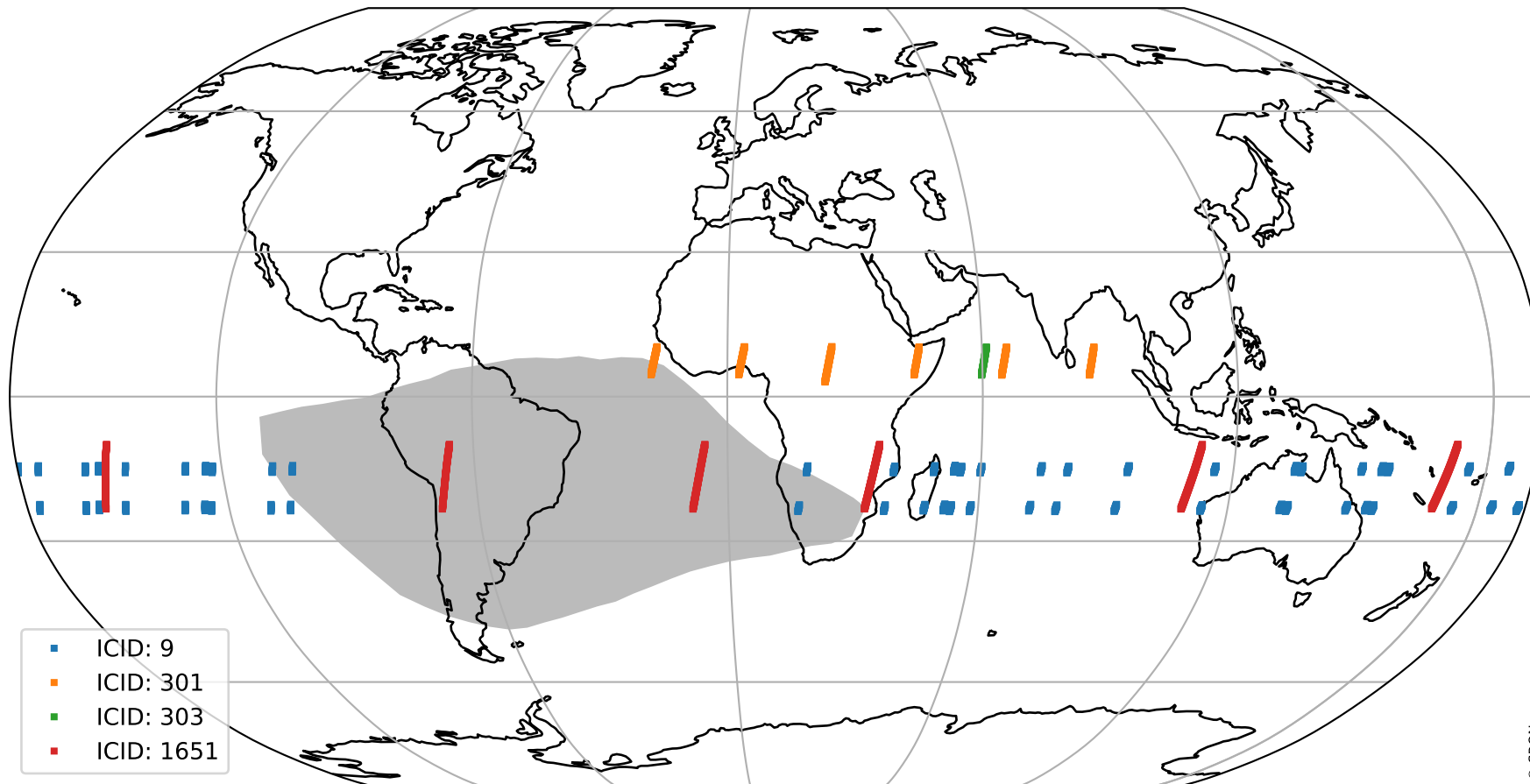
Tropomi SWIR background noise (swir)

orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
median : 0.94541
spread : 0.096759
created : 2023-08-21T14:22:48



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

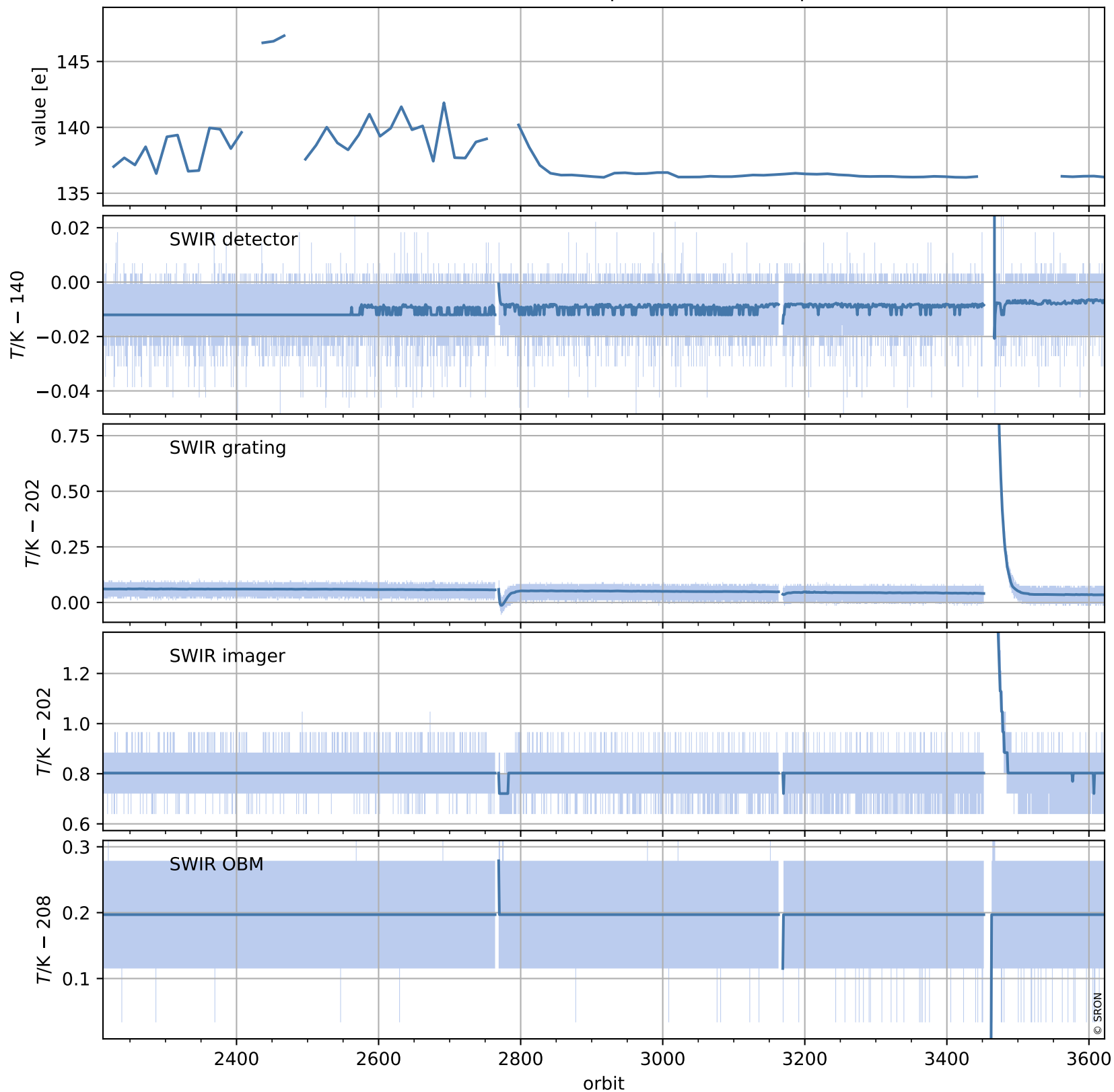
orbits : 13 in [3547, 3622]
coverage : 2018-06-19 / 2018-06-25
created : 2023-08-21T14:22:48



Tropomi SWIR background noise (swir)

orbits : [2212, 3622]
coverage : 2018-03-18 / 2018-06-25
created : 2023-08-21T14:22:49

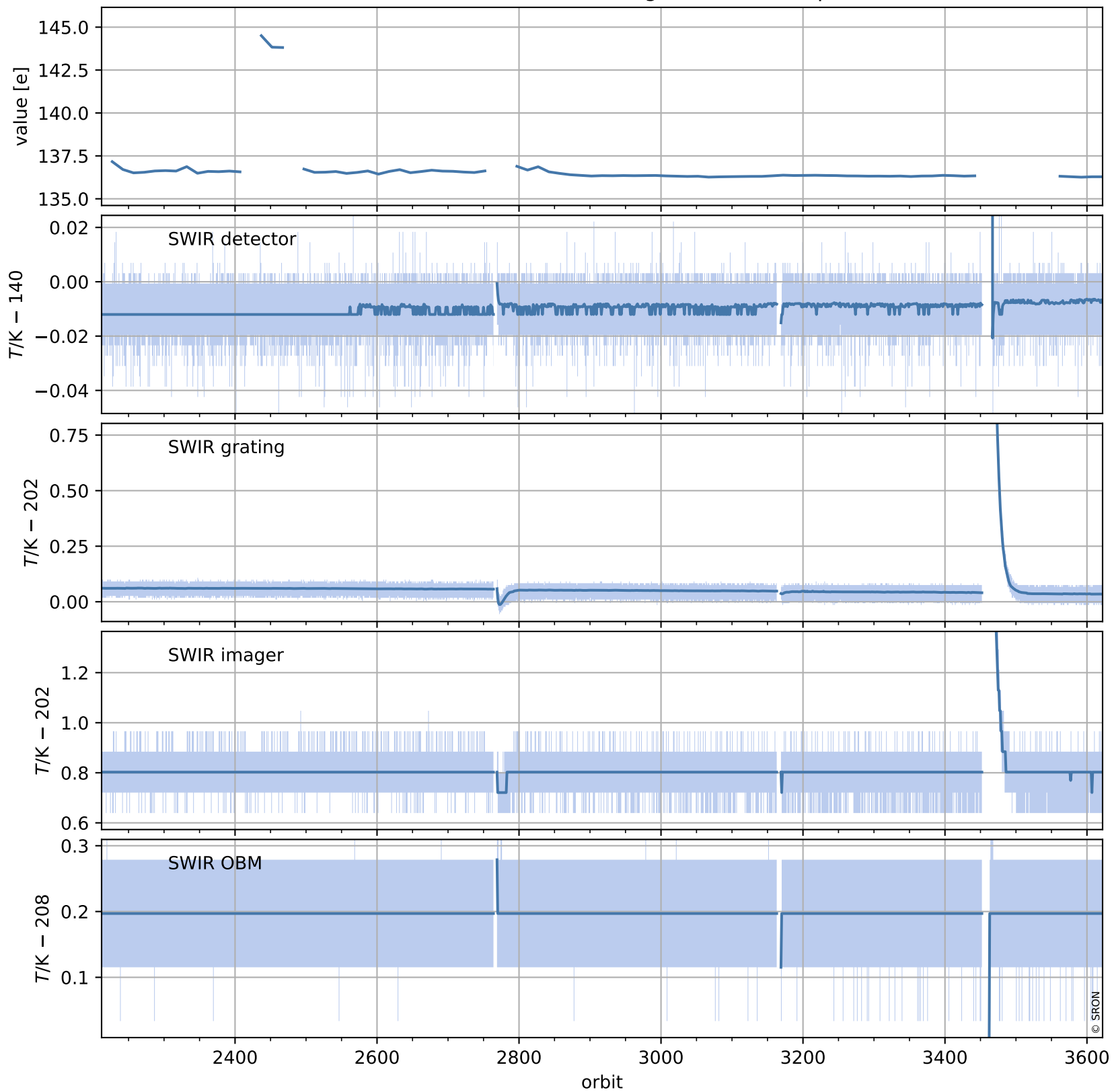
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3622]
coverage : 2018-03-18 / 2018-06-25
created : 2023-08-21T14:22:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3622]
coverage : 2018-03-18 / 2018-06-25
created : 2023-08-21T14:22:49

trend of normalized read-noise & temperatures

