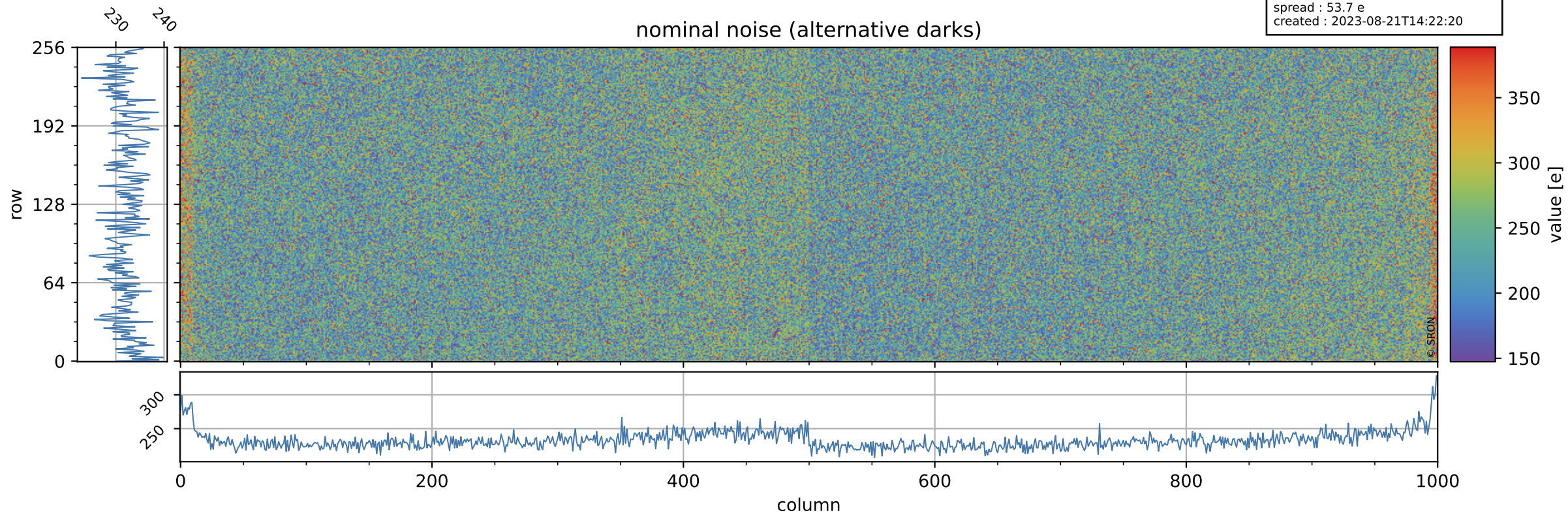


Tropomi SWIR background noise (swir)

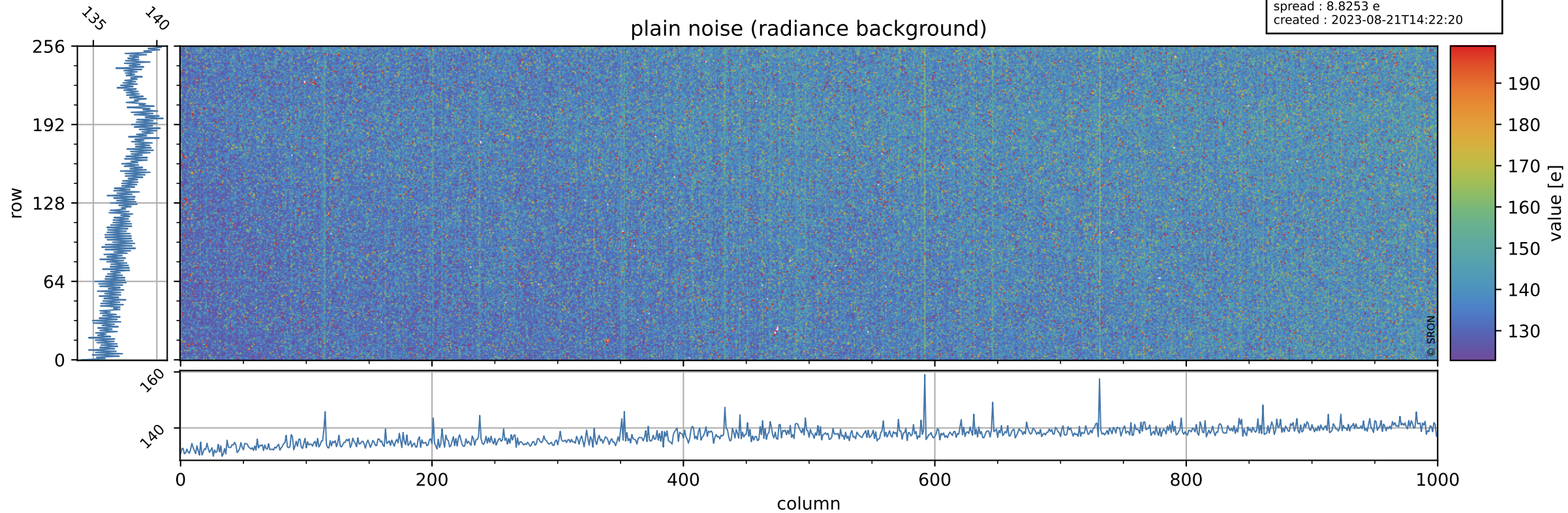
orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
n_coad, t_exp : 1, 1.0783
median : 231.93 e
spread : 53.7 e
created : 2023-08-21T14:22:20



Tropomi SWIR background noise (swir)

orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
n_coad, t_exp : 2, 0.5383
median : 137.48 e
spread : 8.8253 e
created : 2023-08-21T14:22:20

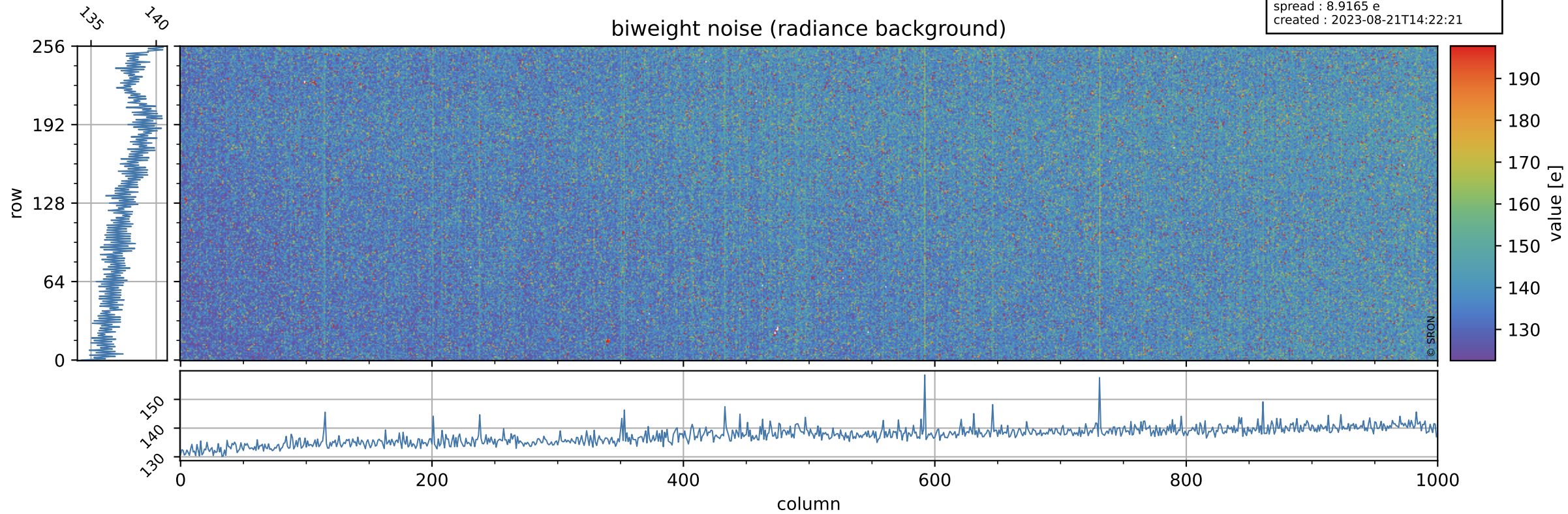
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
n_coad, t_exp : 2, 0.5383
median : 137.58 e
spread : 8.9165 e
created : 2023-08-21T14:22:21

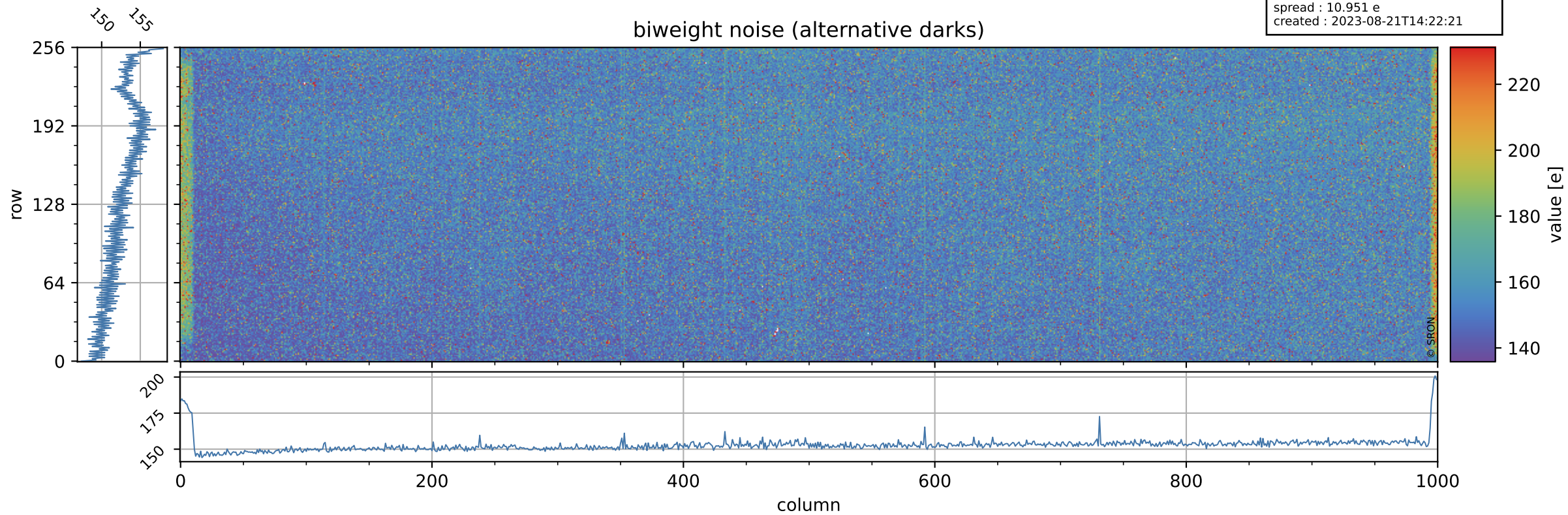
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
n_coad, t_exp : 1, 1.0783
median : 152.56 e
spread : 10.951 e
created : 2023-08-21T14:22:21

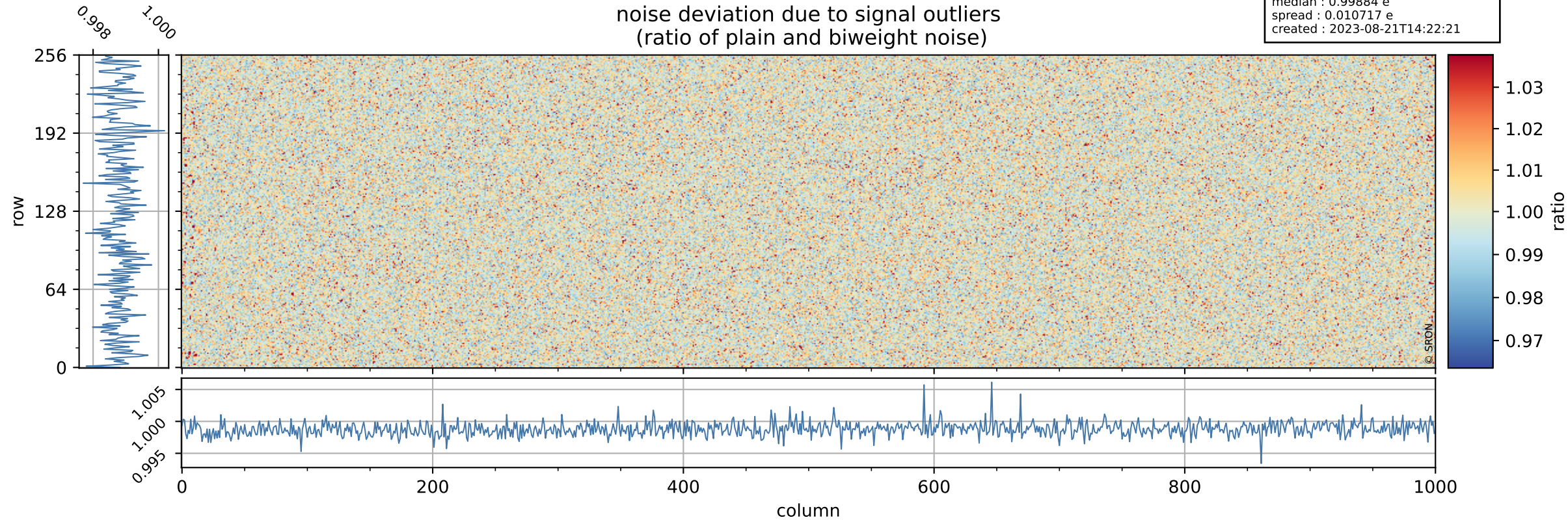
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

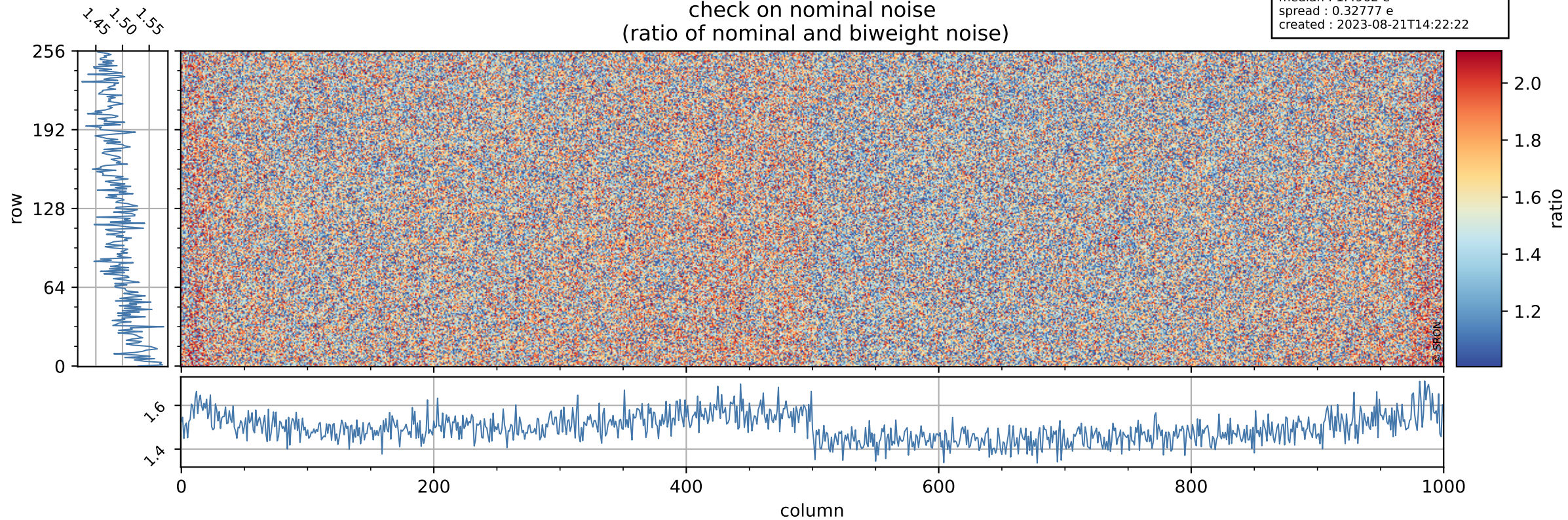
orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
median : 0.99884 e
spread : 0.010717 e
created : 2023-08-21T14:22:21



Tropomi SWIR background noise (swir)

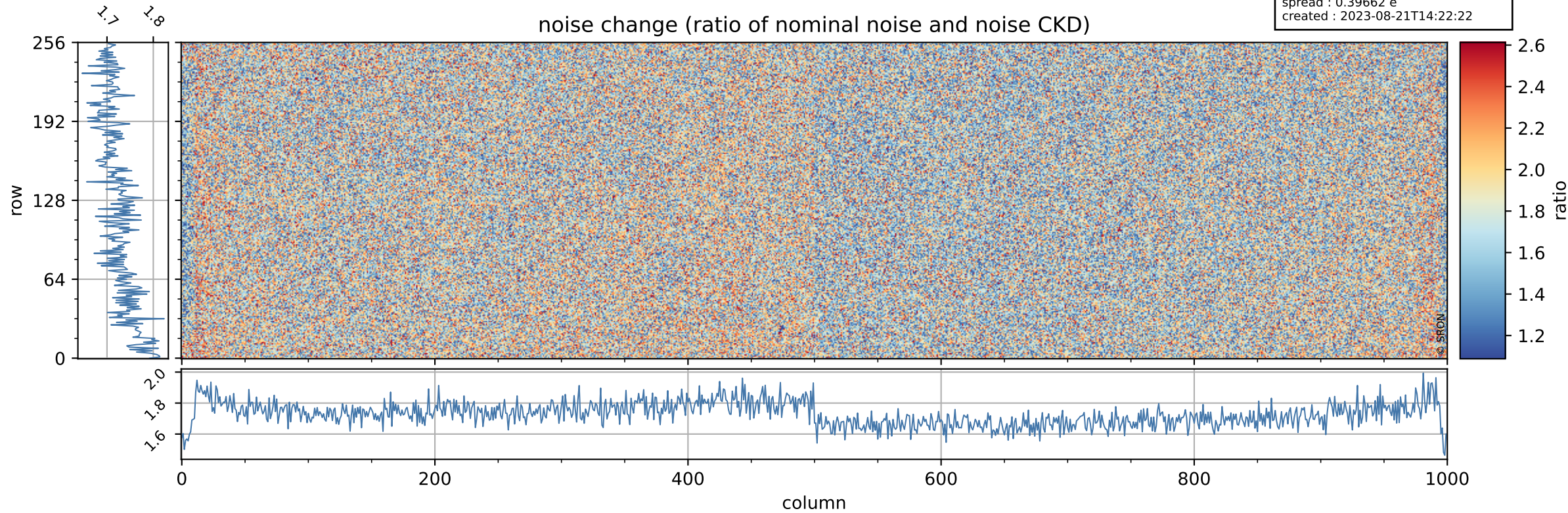
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
median : 1.4962 e
spread : 0.32777 e
created : 2023-08-21T14:22:22



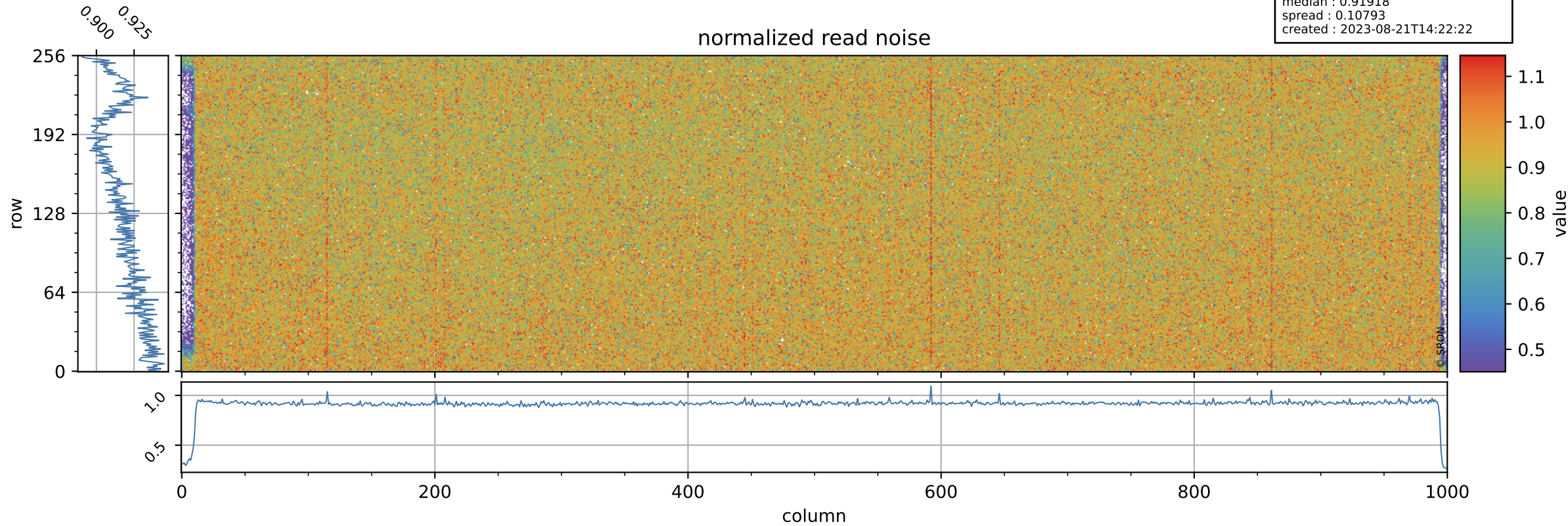
Tropomi SWIR background noise (swir)

orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
median : 1.7325 e
spread : 0.39662 e
created : 2023-08-21T14:22:22



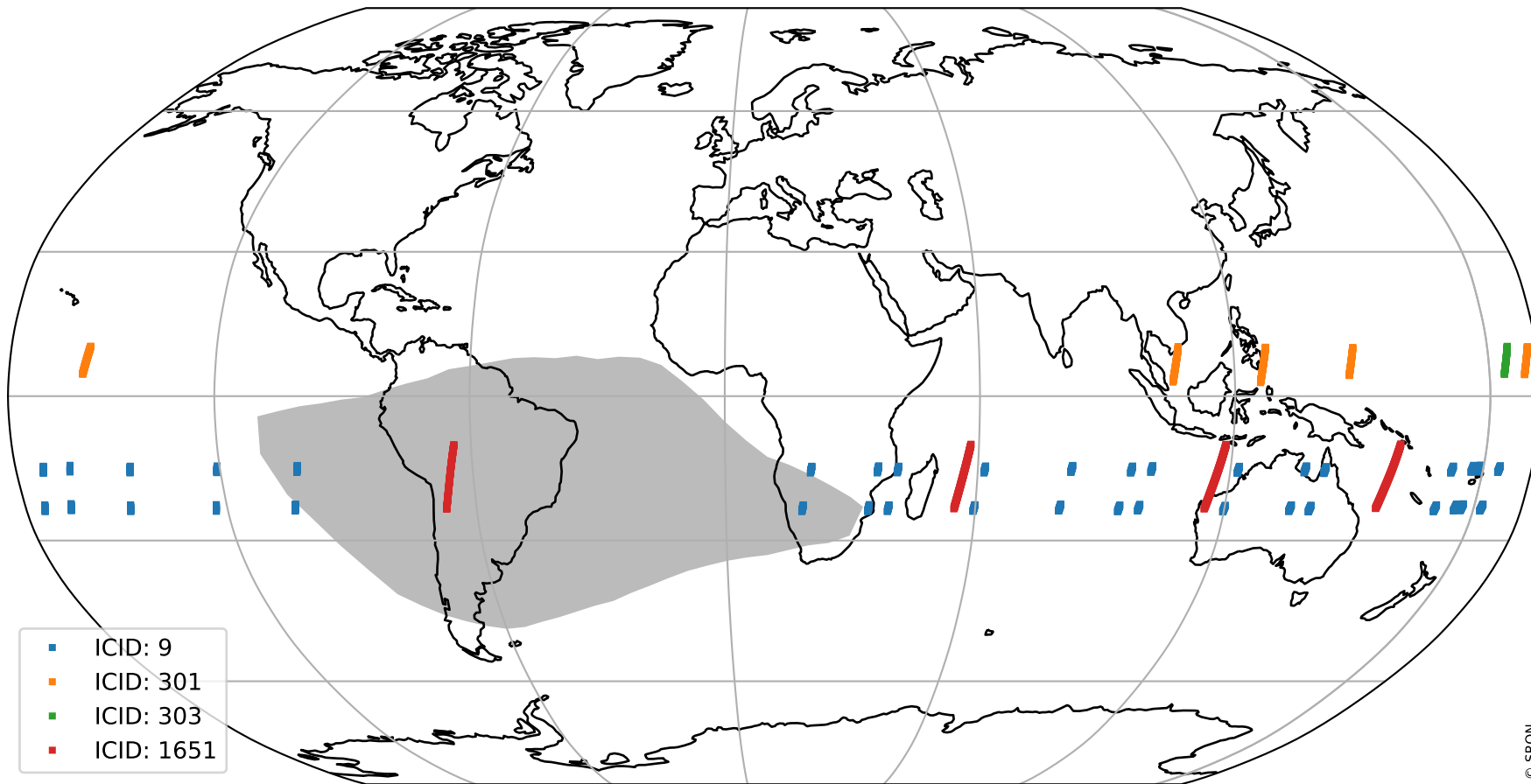
Tropomi SWIR background noise (swir)

orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
median : 0.91918
spread : 0.10793
created : 2023-08-21T14:22:22



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

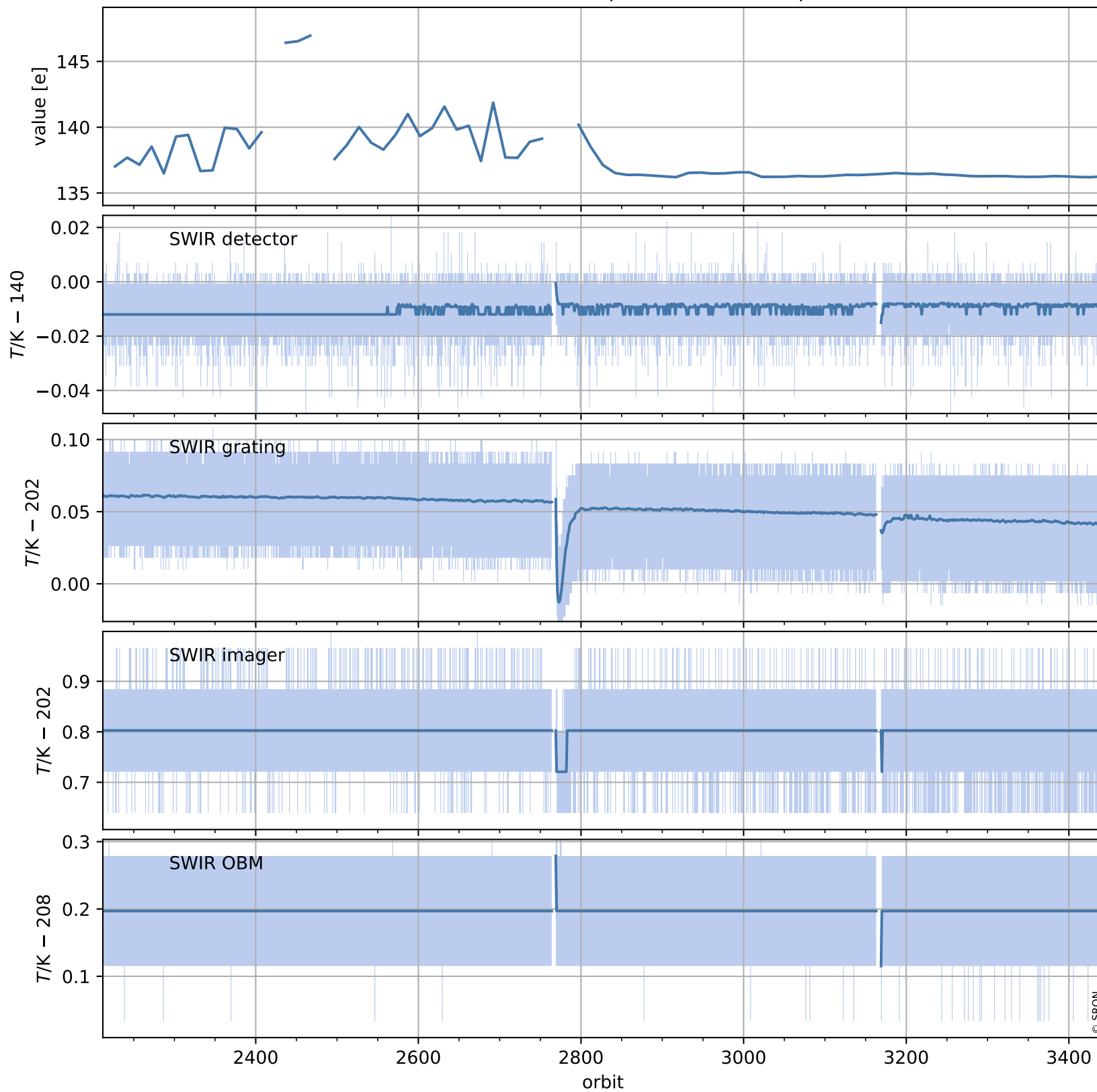
orbits : 10 in [3457, 3532]
coverage : 2018-06-13 / 2018-06-18
created : 2023-08-21T14:22:22



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:23

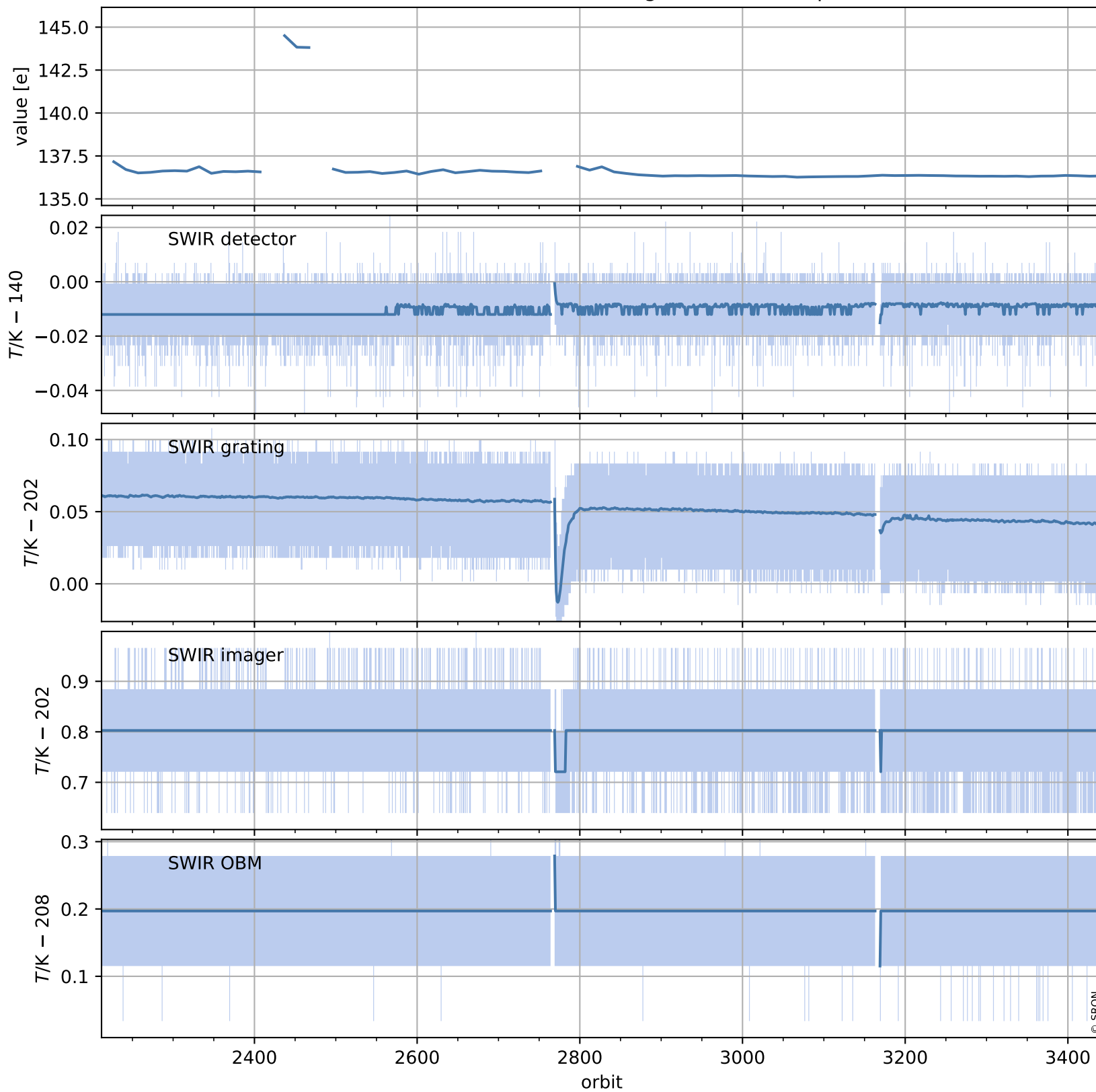
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:23

trend of normalized read-noise & temperatures

