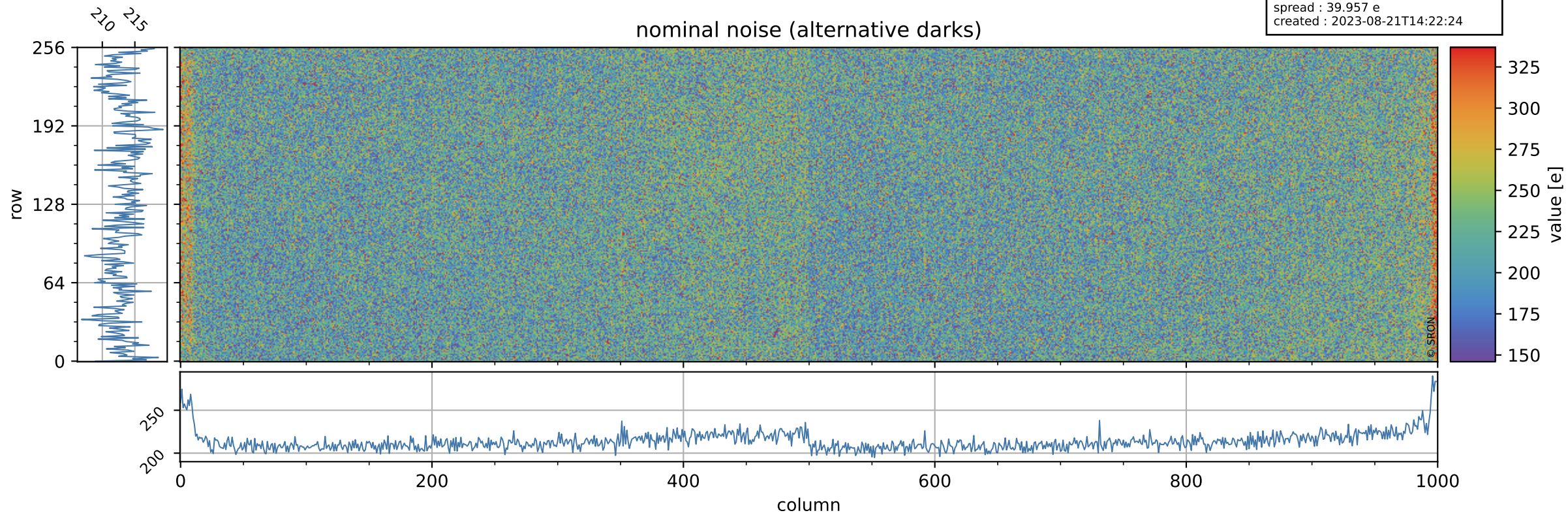


Tropomi SWIR background noise (swir)

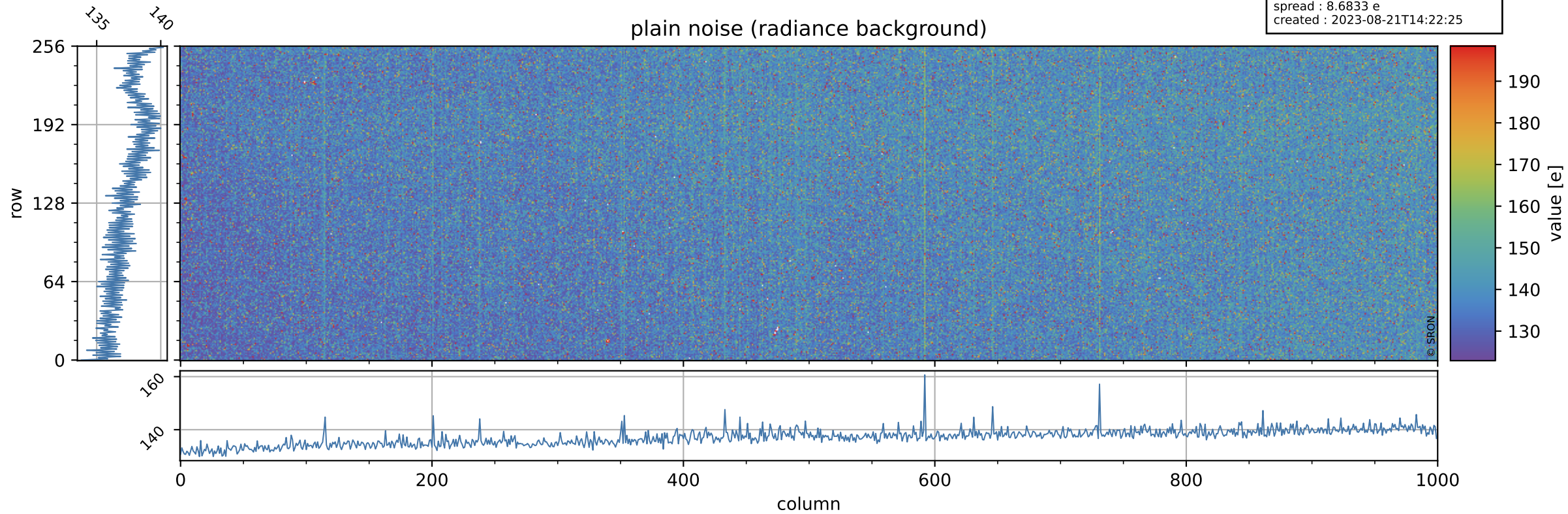
orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
n_coad, t_exp : 1, 1.0783
median : 212.19 e
spread : 39.957 e
created : 2023-08-21T14:22:24



Tropomi SWIR background noise (swir)

orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
n_coad, t_exp : 2, 0.5383
median : 137.26 e
spread : 8.6833 e
created : 2023-08-21T14:22:25

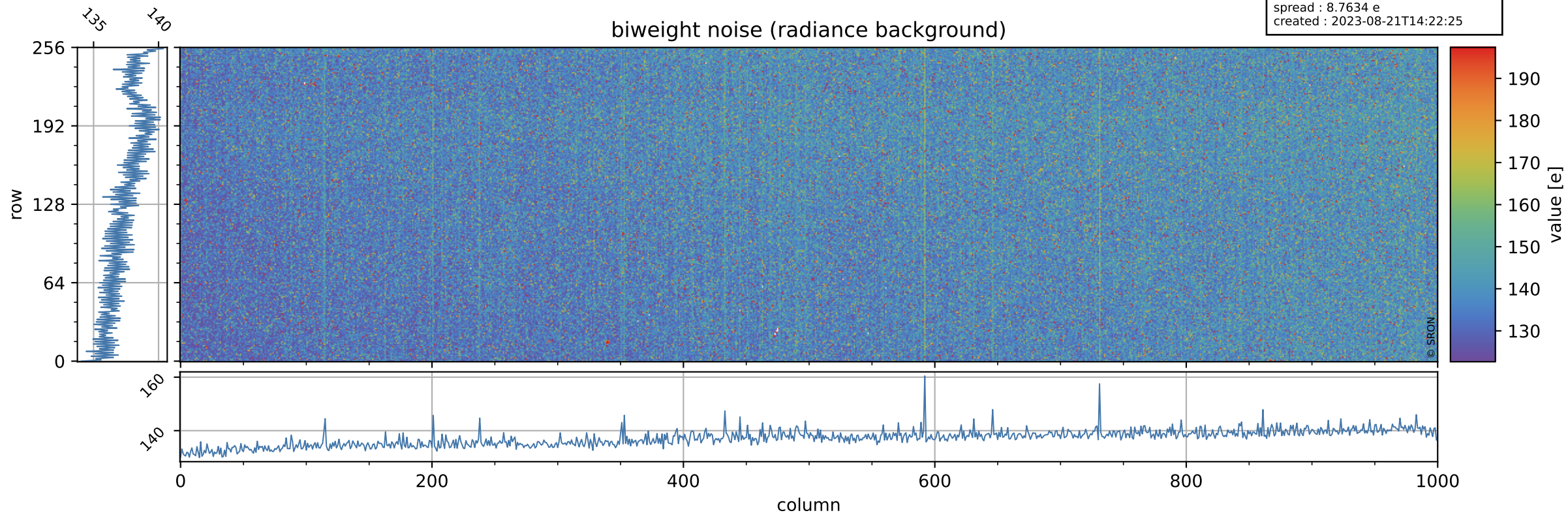
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
n_coad, t_exp : 2, 0.5383
median : 137.35 e
spread : 8.7634 e
created : 2023-08-21T14:22:25

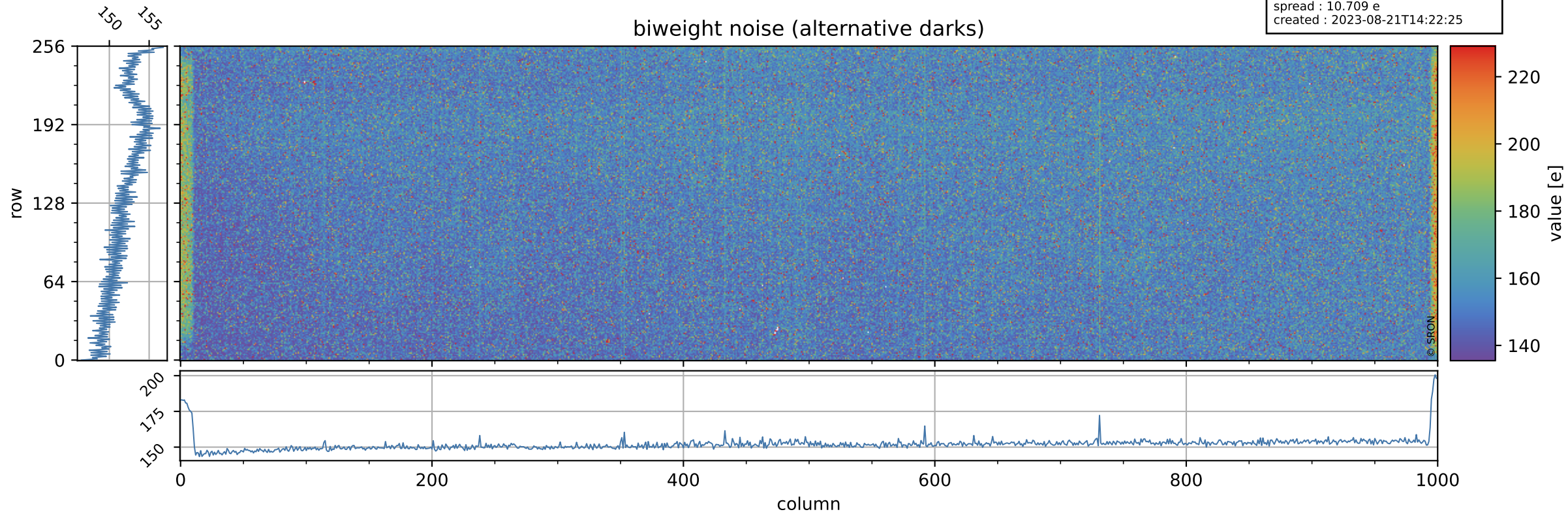
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
n_coad, t_exp : 1, 1.0783
median : 151.83 e
spread : 10.709 e
created : 2023-08-21T14:22:25

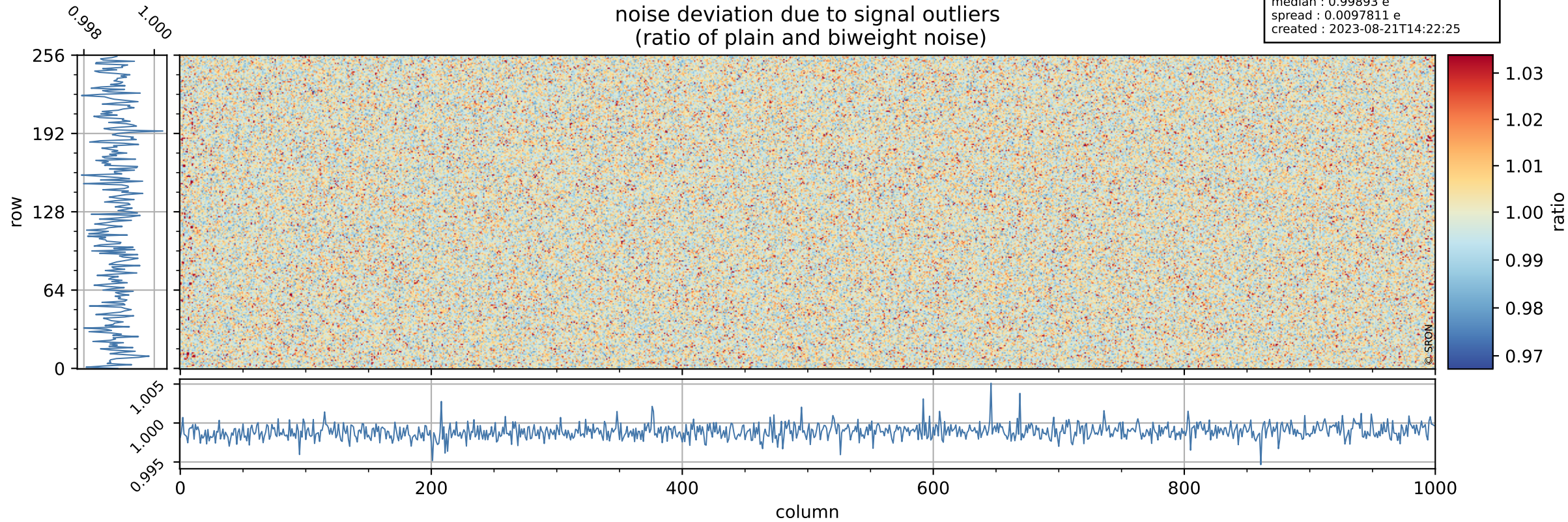
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

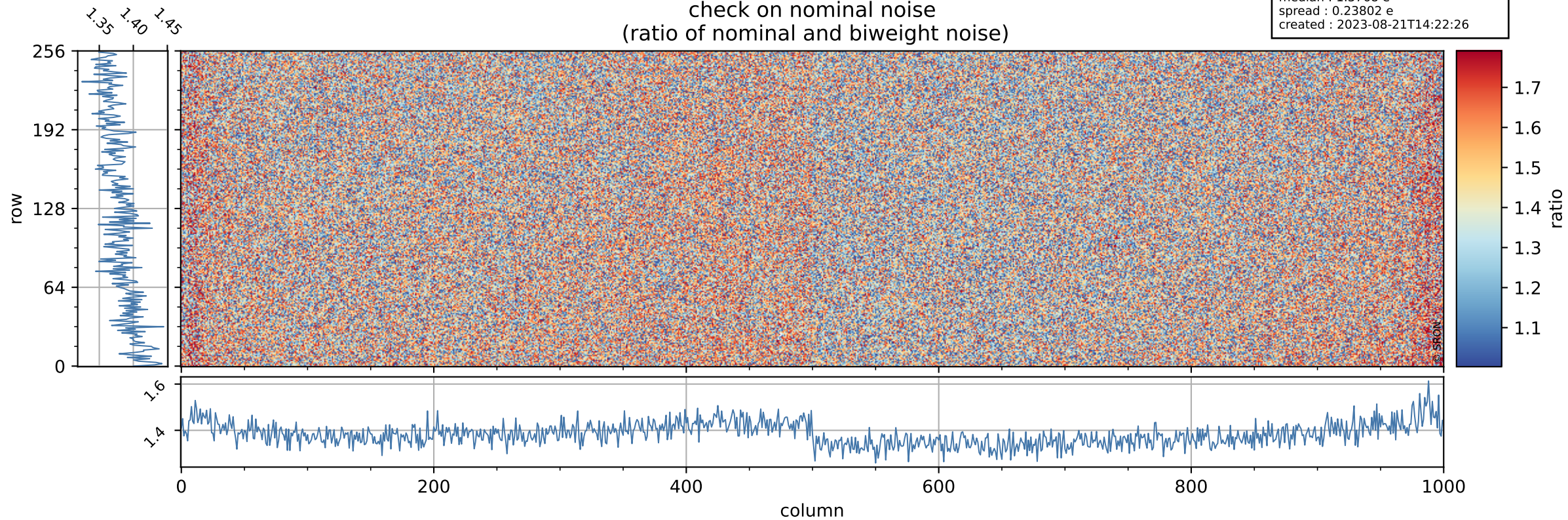
orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
median : 0.99893 e
spread : 0.0097811 e
created : 2023-08-21T14:22:25



Tropomi SWIR background noise (swir)

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

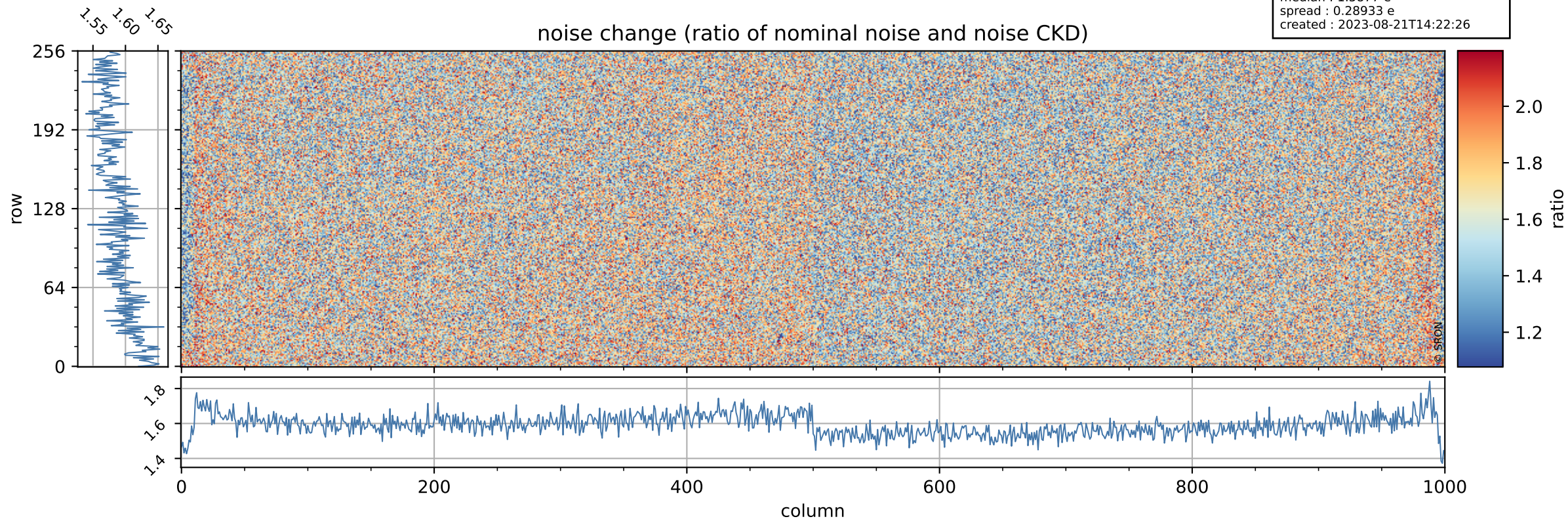
orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
median : 1.3768 e
spread : 0.23802 e
created : 2023-08-21T14:22:26



Tropomi SWIR background noise (swir)

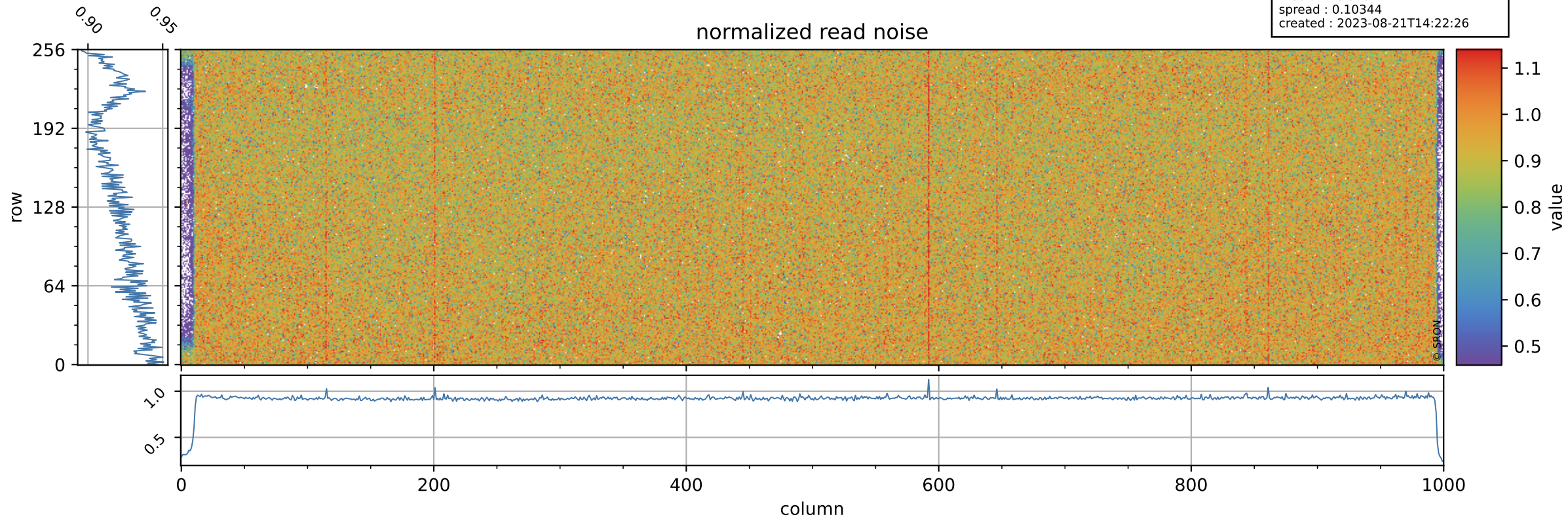
orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
median : 1.5877 e
spread : 0.28933 e
created : 2023-08-21T14:22:26

noise change (ratio of nominal noise and noise CKD)



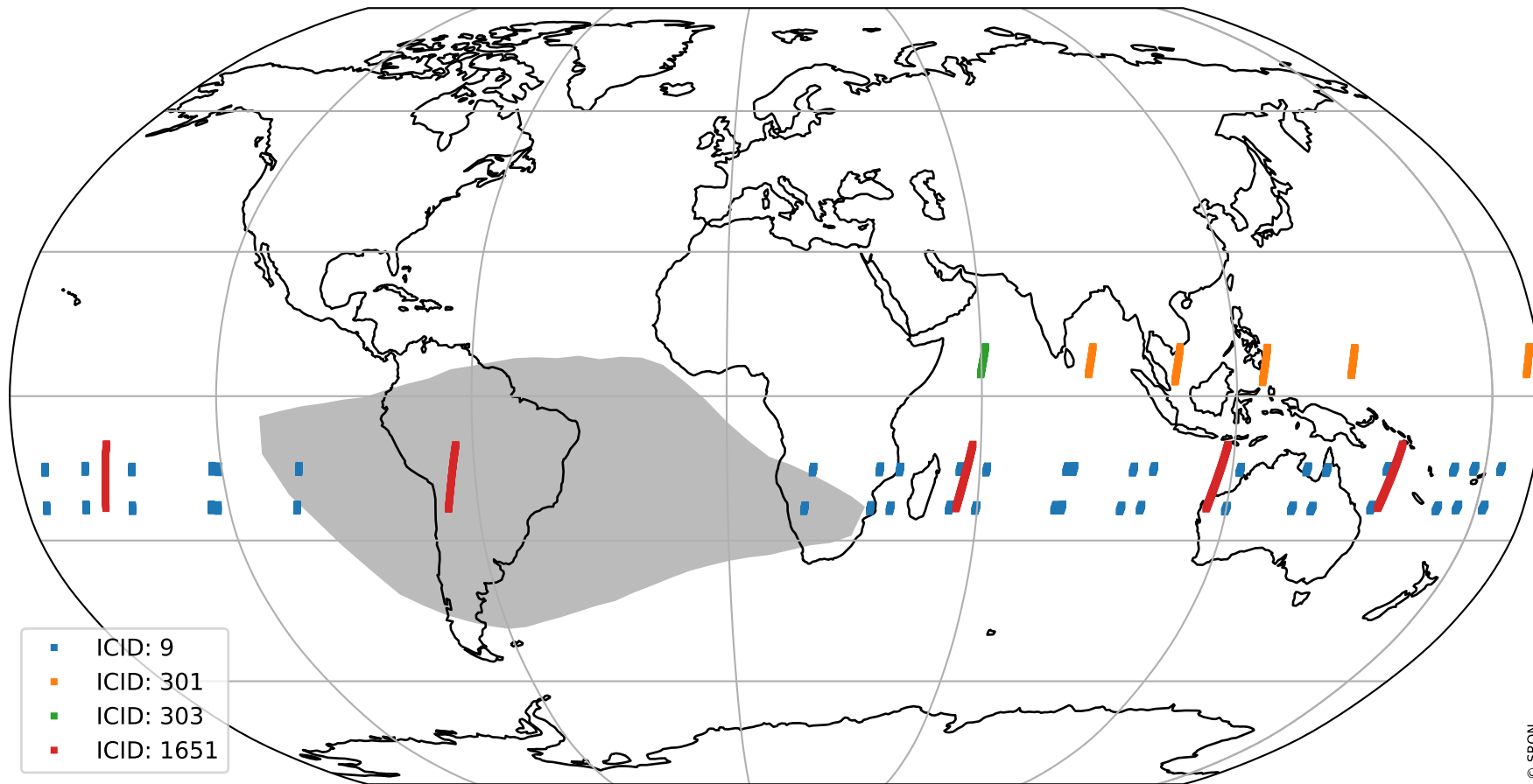
Tropomi SWIR background noise (swir)

orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
median : 0.92317
spread : 0.10344
created : 2023-08-21T14:22:26



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

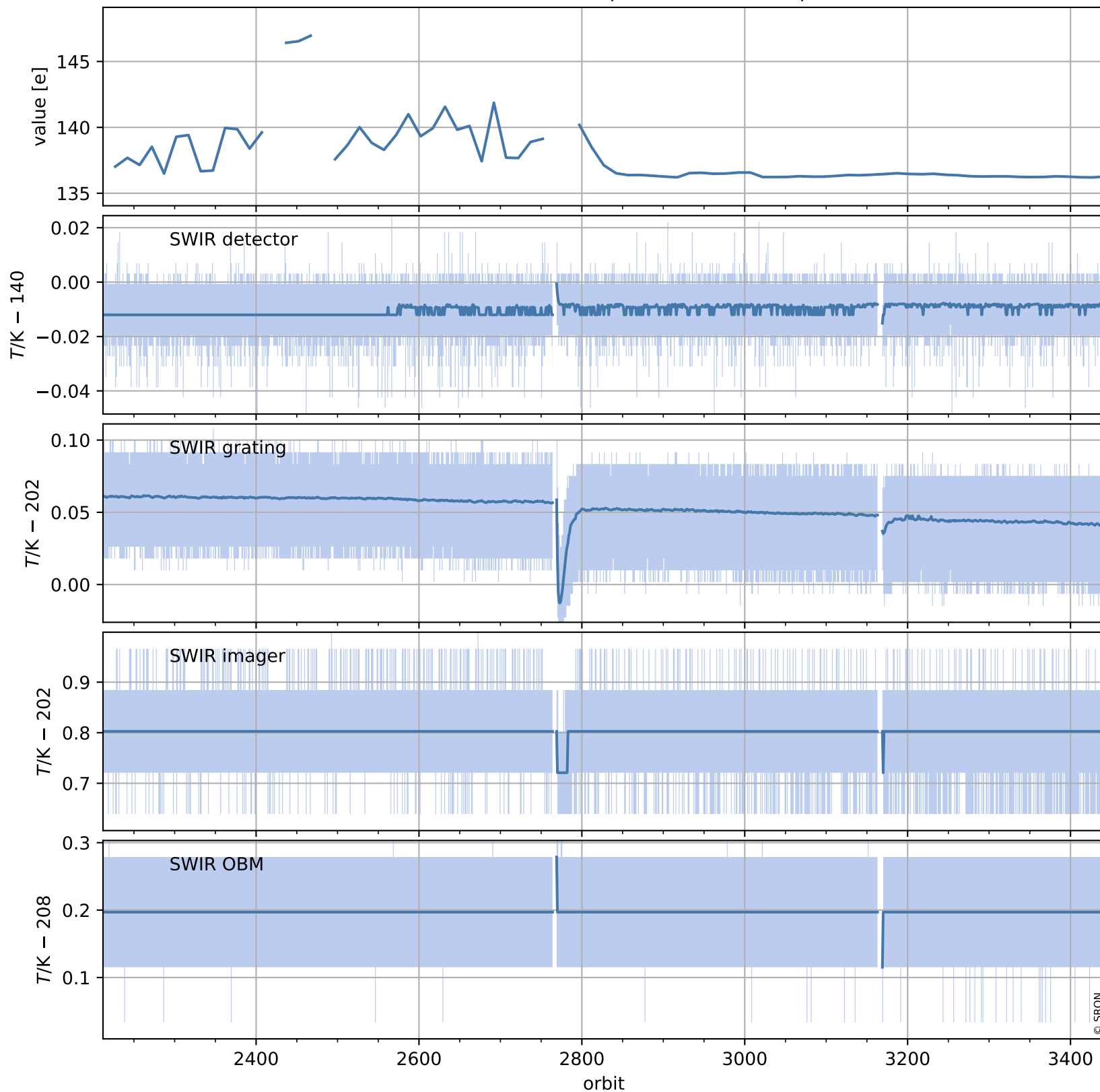
orbits : 11 in [3457, 3547]
coverage : 2018-06-14 / 2018-06-20
created : 2023-08-21T14:22:27



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:27

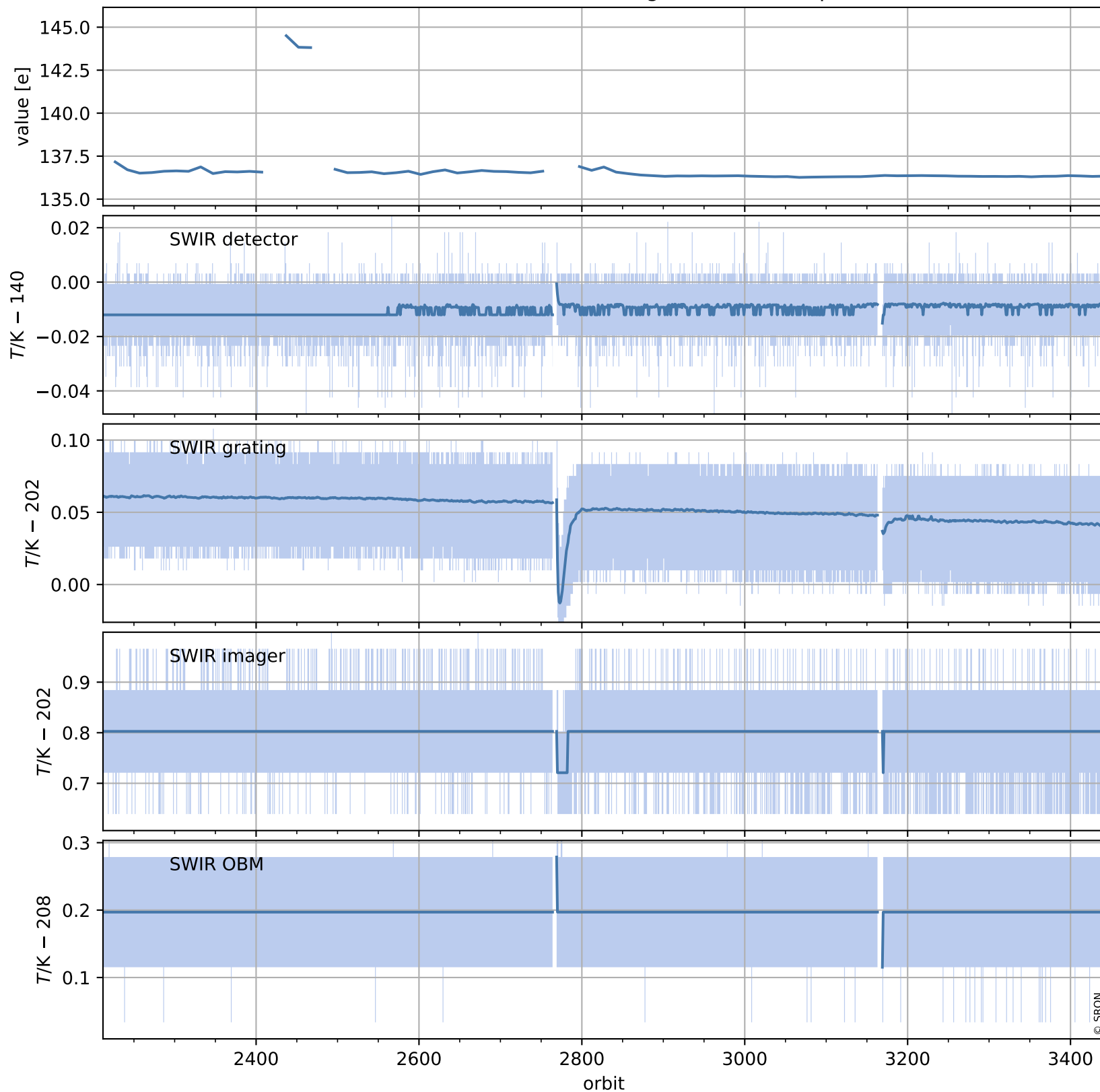
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:28

trend of normalized read-noise & temperatures

