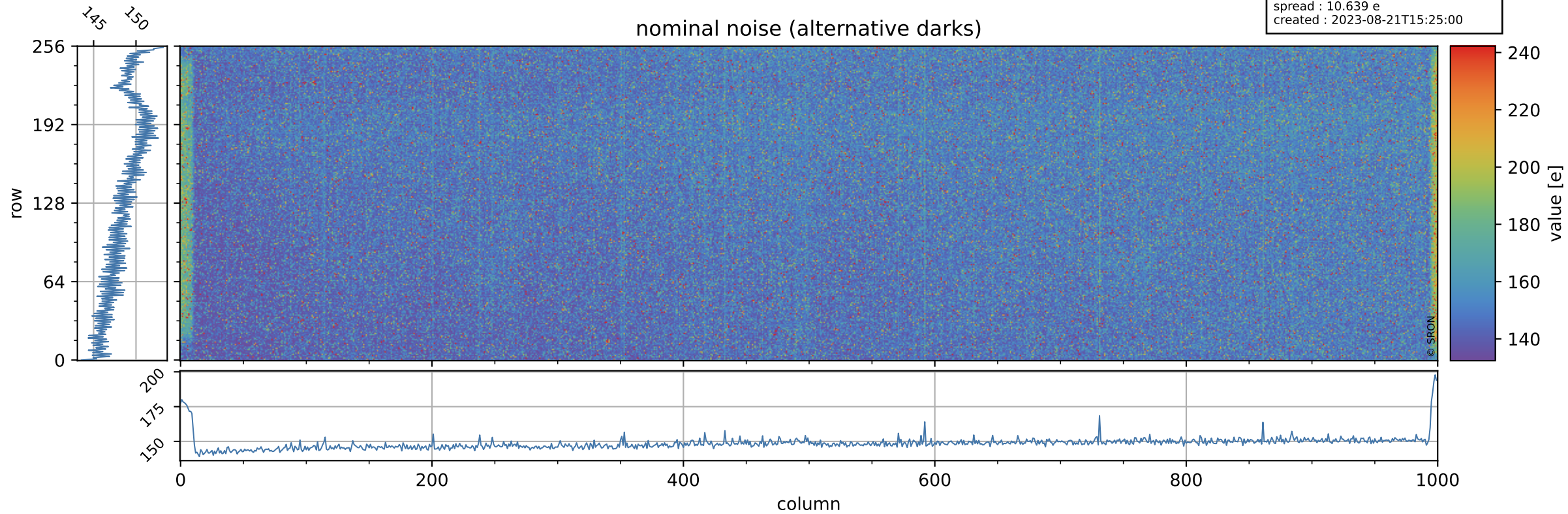


Tropomi SWIR background noise (swir)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
n_coad, t_exp : 1, 1.0783
median : 148.51 e
spread : 10.639 e
created : 2023-08-21T15:25:00

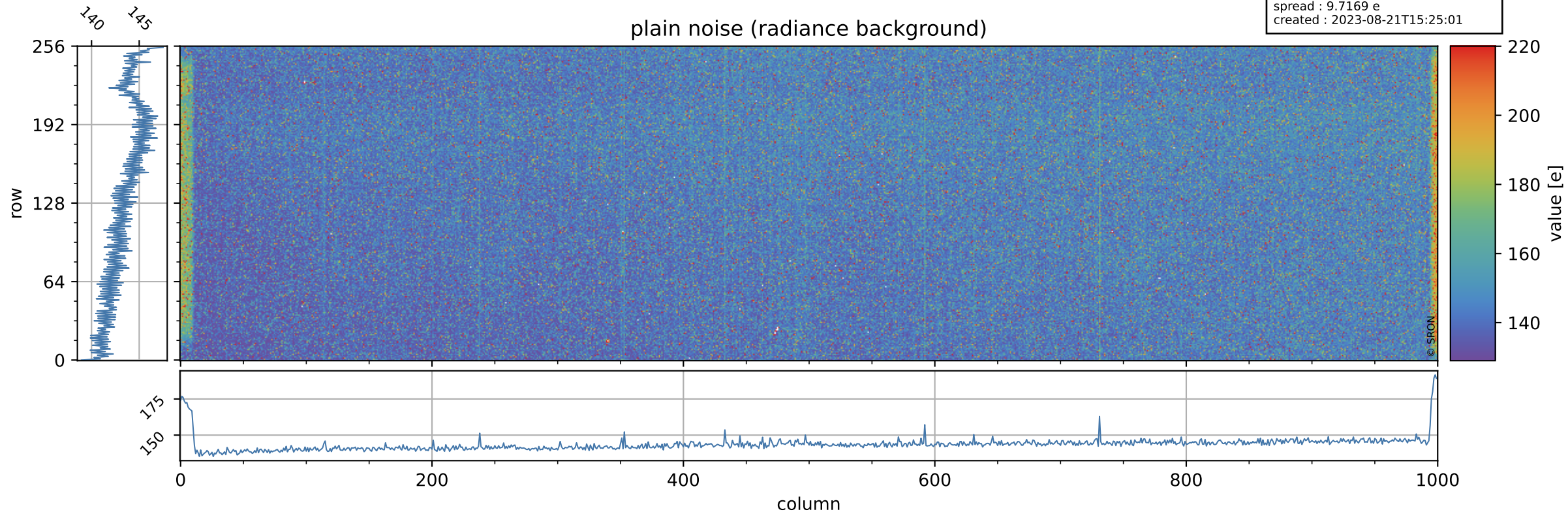
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.7169 e
created : 2023-08-21T15:25:01

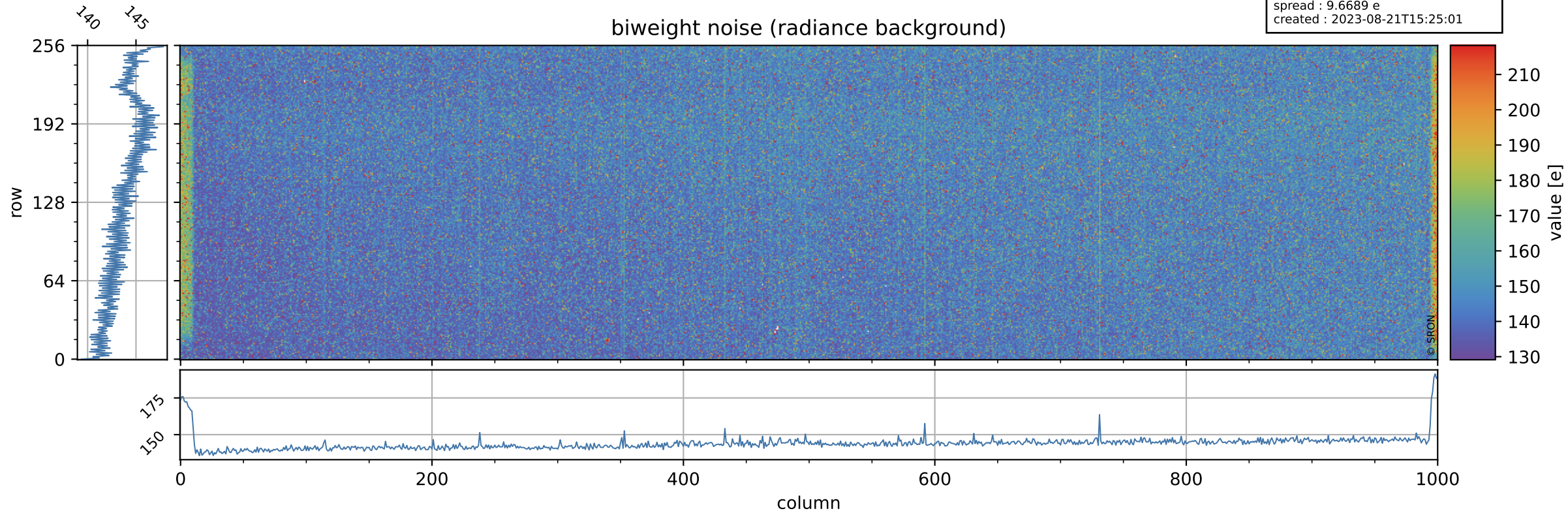
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6689 e
created : 2023-08-21T15:25:01

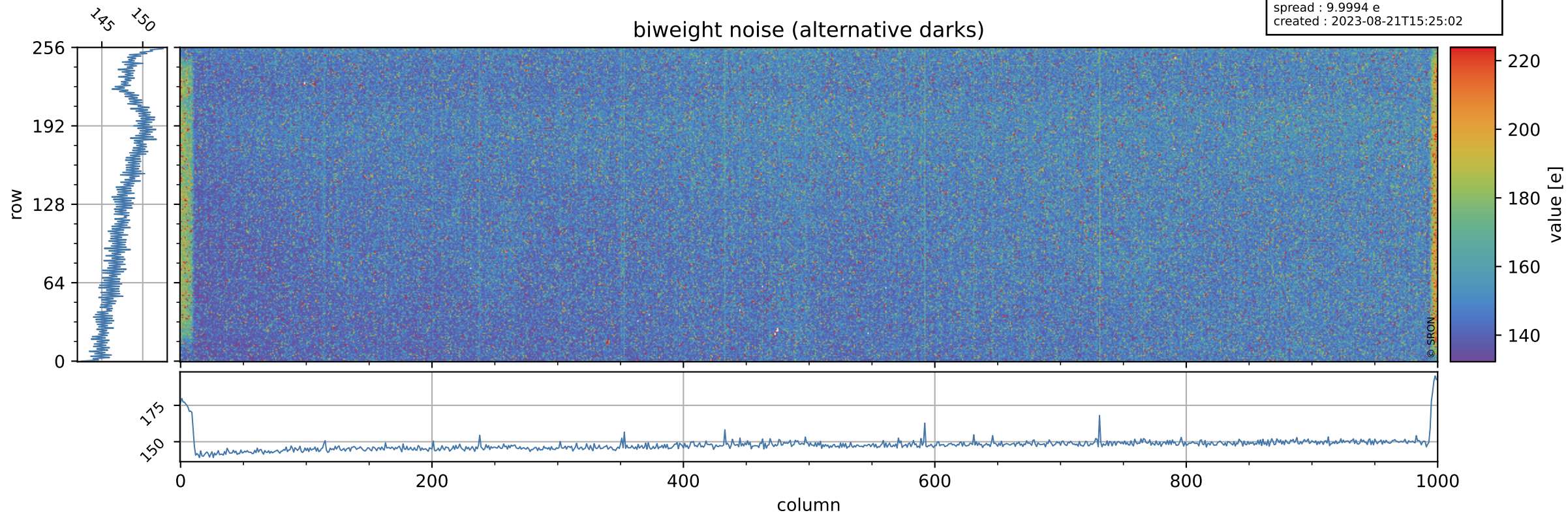
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9994 e
created : 2023-08-21T15:25:02

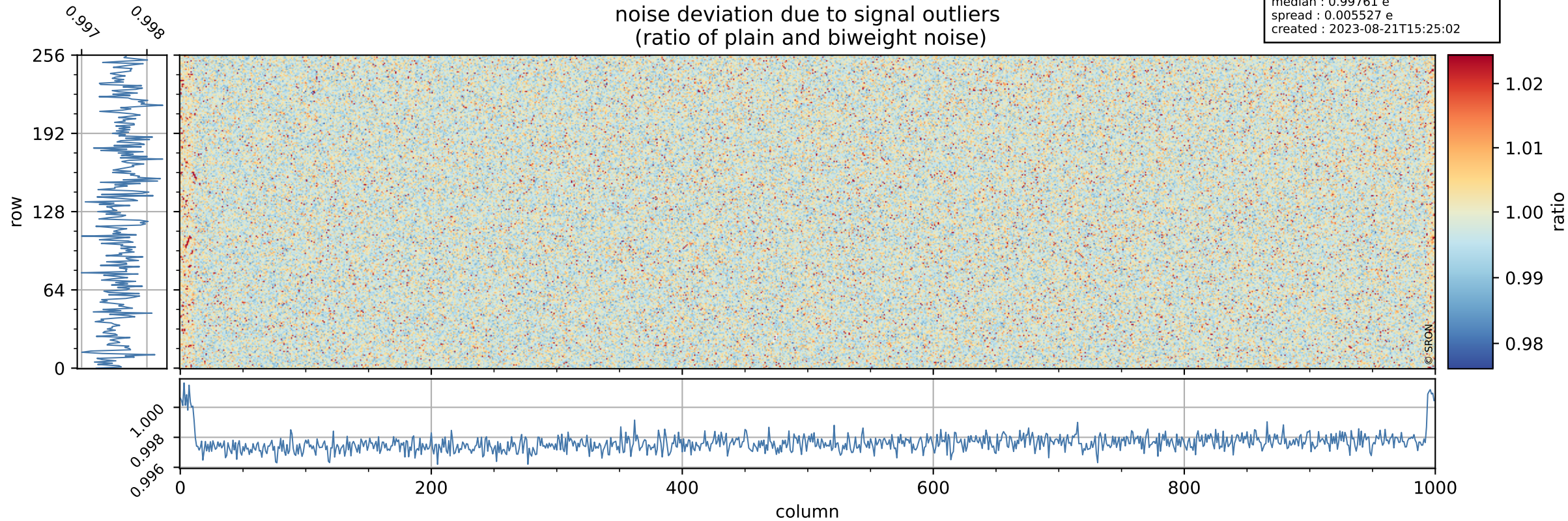
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

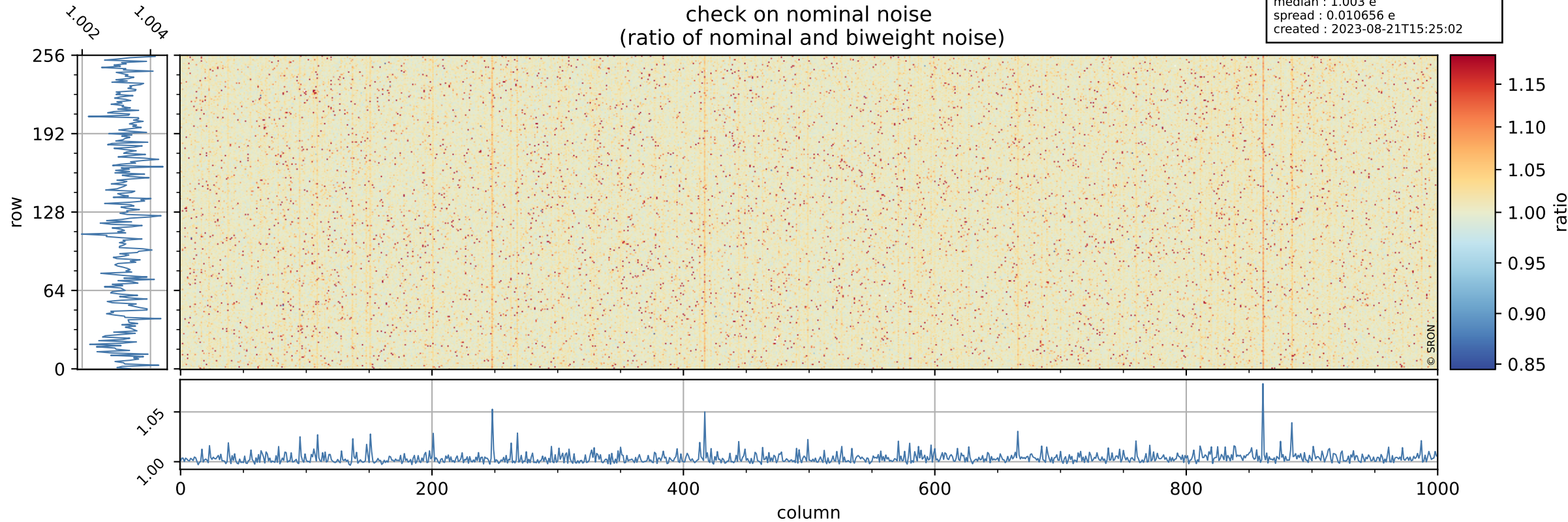
orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
median : 0.99761 e
spread : 0.005527 e
created : 2023-08-21T15:25:02



Tropomi SWIR background noise (swir)

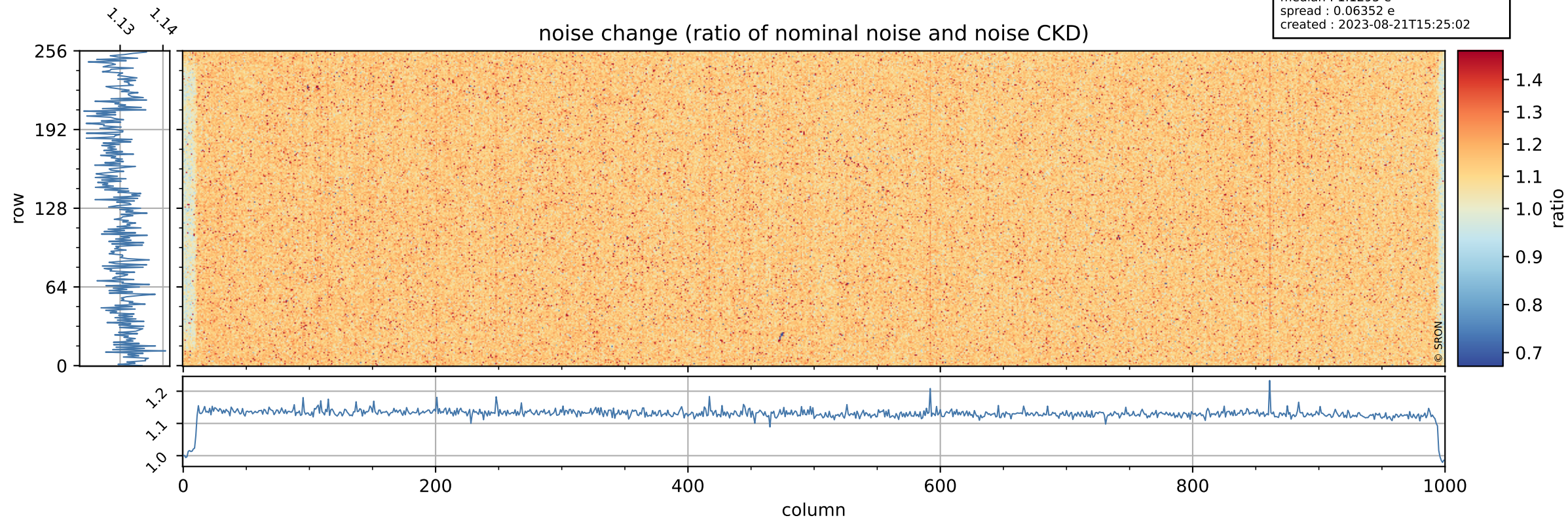
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
median : 1.003 e
spread : 0.010656 e
created : 2023-08-21T15:25:02



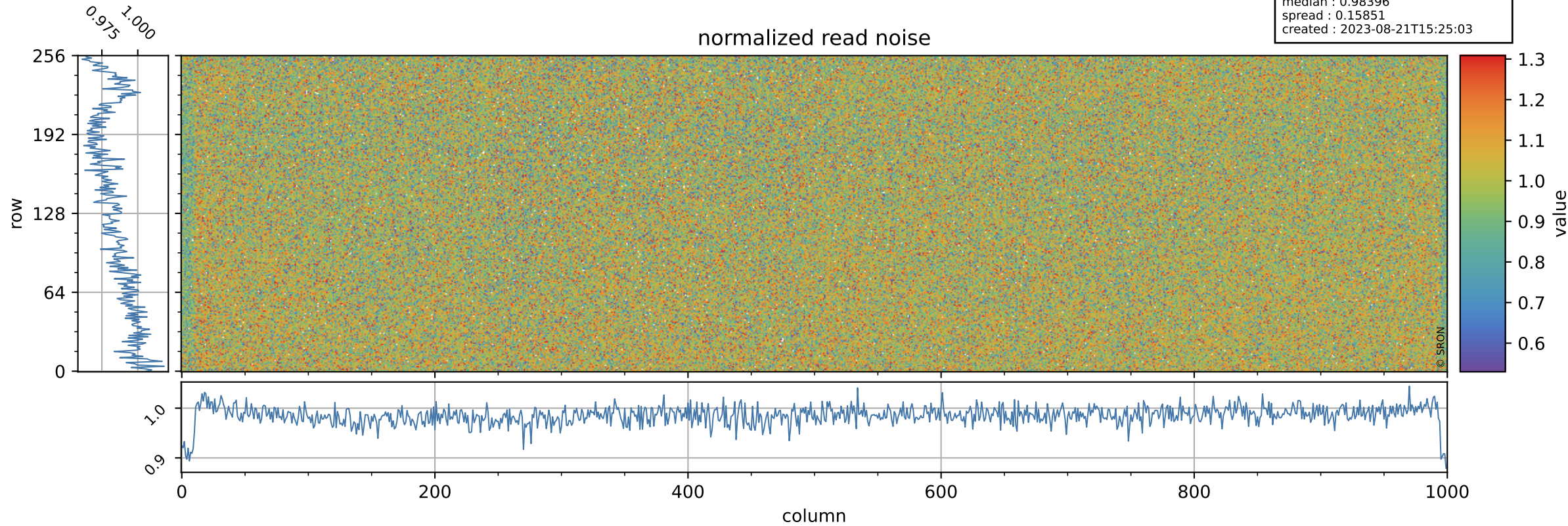
Tropomi SWIR background noise (swir)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
median : 1.1295 e
spread : 0.06352 e
created : 2023-08-21T15:25:02



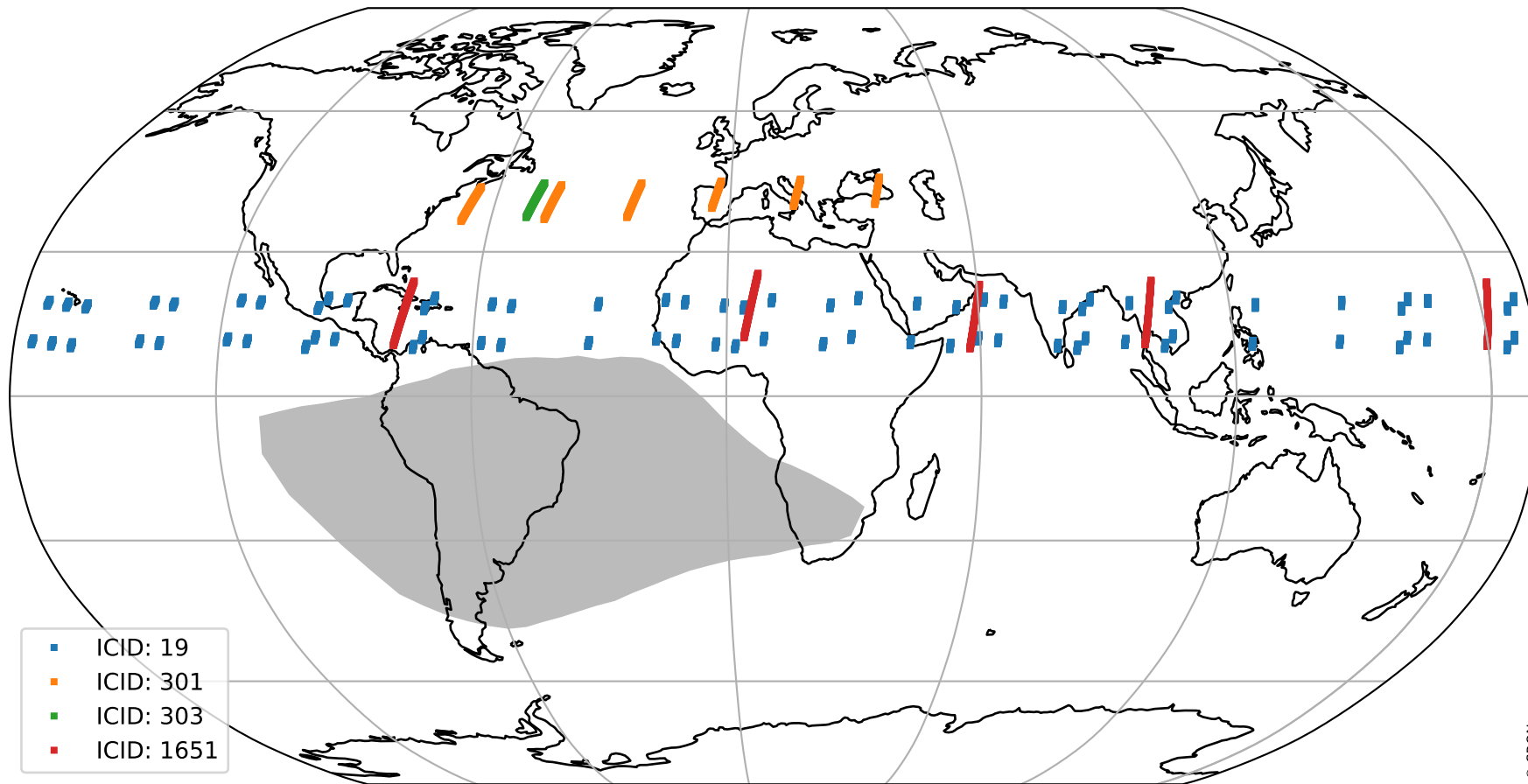
Tropomi SWIR background noise (swir)

orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
median : 0.98396
spread : 0.15851
created : 2023-08-21T15:25:03



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

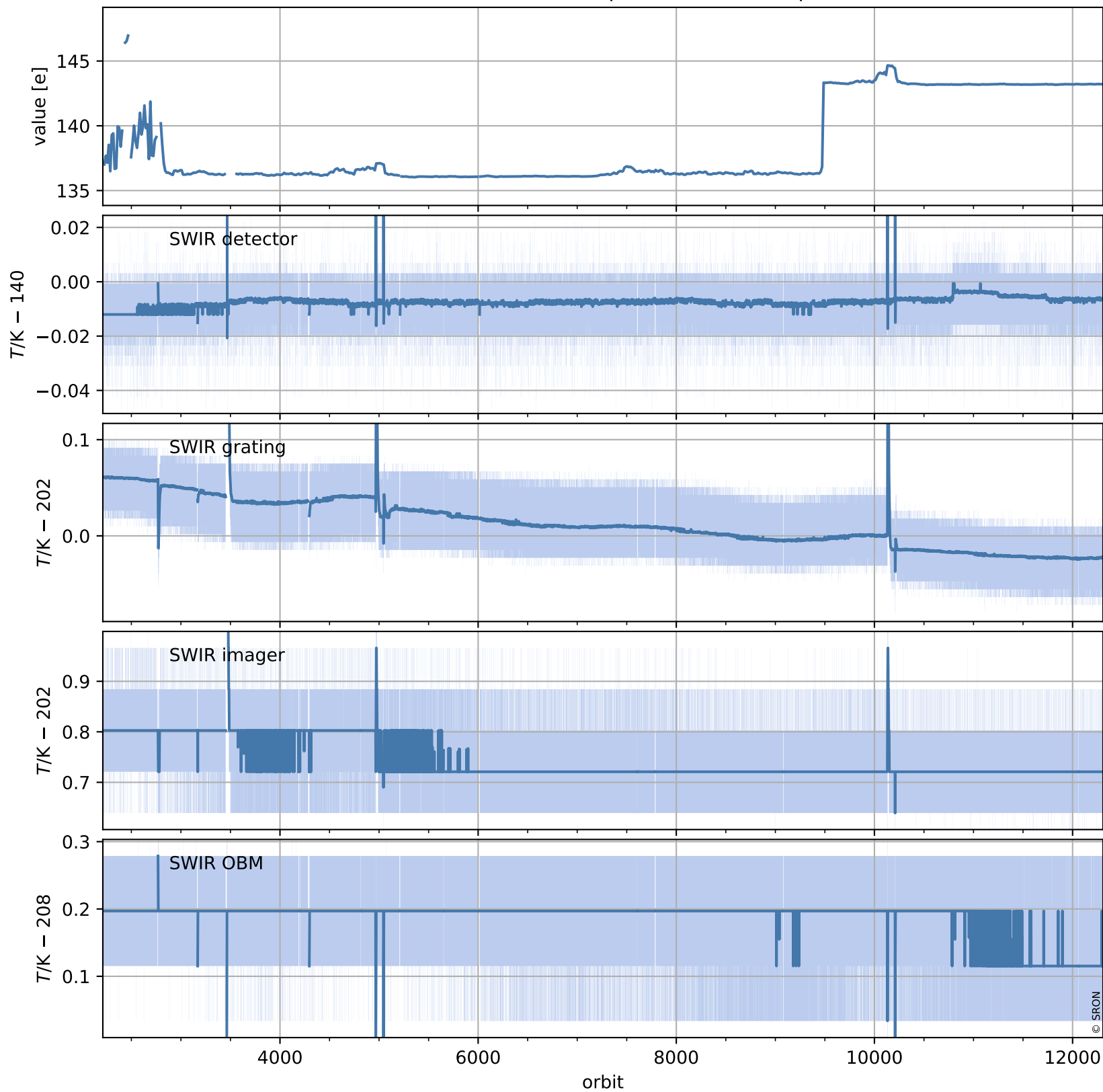
orbits : 12 in [12217, 12307]
coverage : 2020-02-21 / 2020-02-27
created : 2023-08-21T15:25:03



Tropomi SWIR background noise (swir)

orbits : [2212, 12307]
coverage : 2018-03-18 / 2020-02-27
created : 2023-08-21T15:25:03

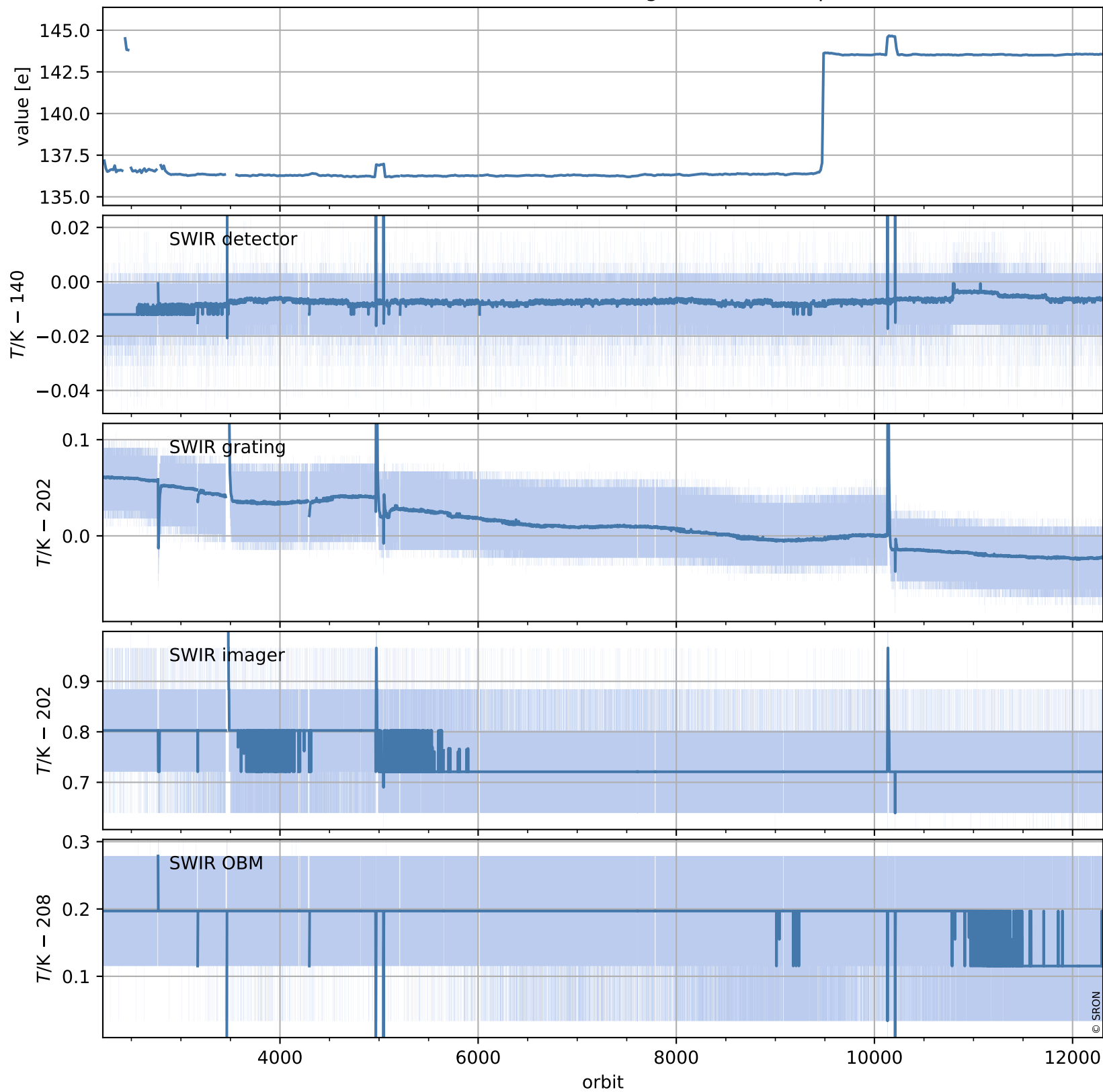
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12307]
coverage : 2018-03-18 / 2020-02-27
created : 2023-08-21T15:25:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12307]
coverage : 2018-03-18 / 2020-02-27
created : 2023-08-21T15:25:04

trend of normalized read-noise & temperatures

