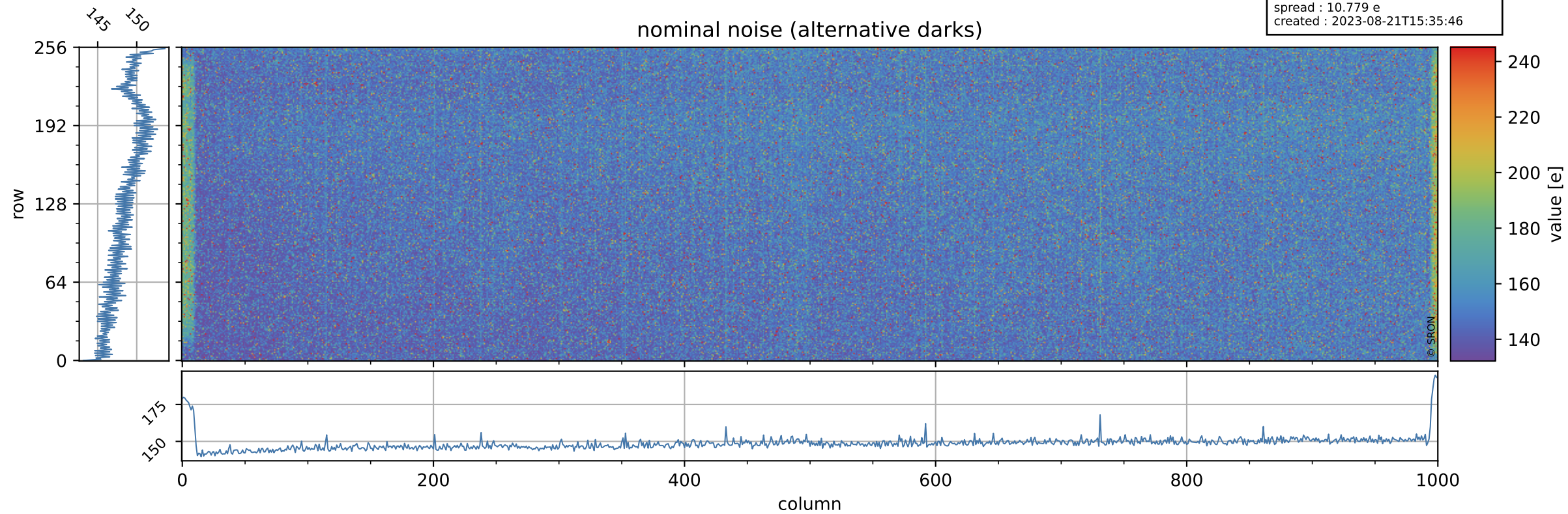


Tropomi SWIR background noise (swir)

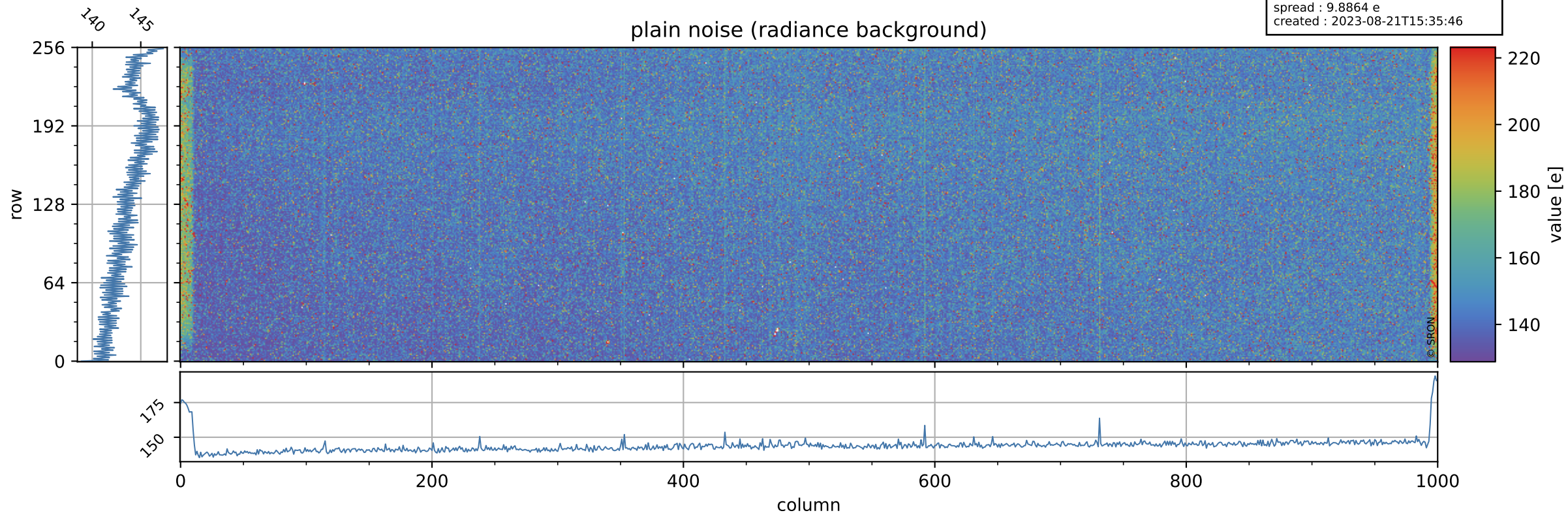
orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
n_coad, t_exp : 1, 1.0783
median : 148.51 e
spread : 10.779 e
created : 2023-08-21T15:35:46



Tropomi SWIR background noise (swir)

orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.8864 e
created : 2023-08-21T15:35:46

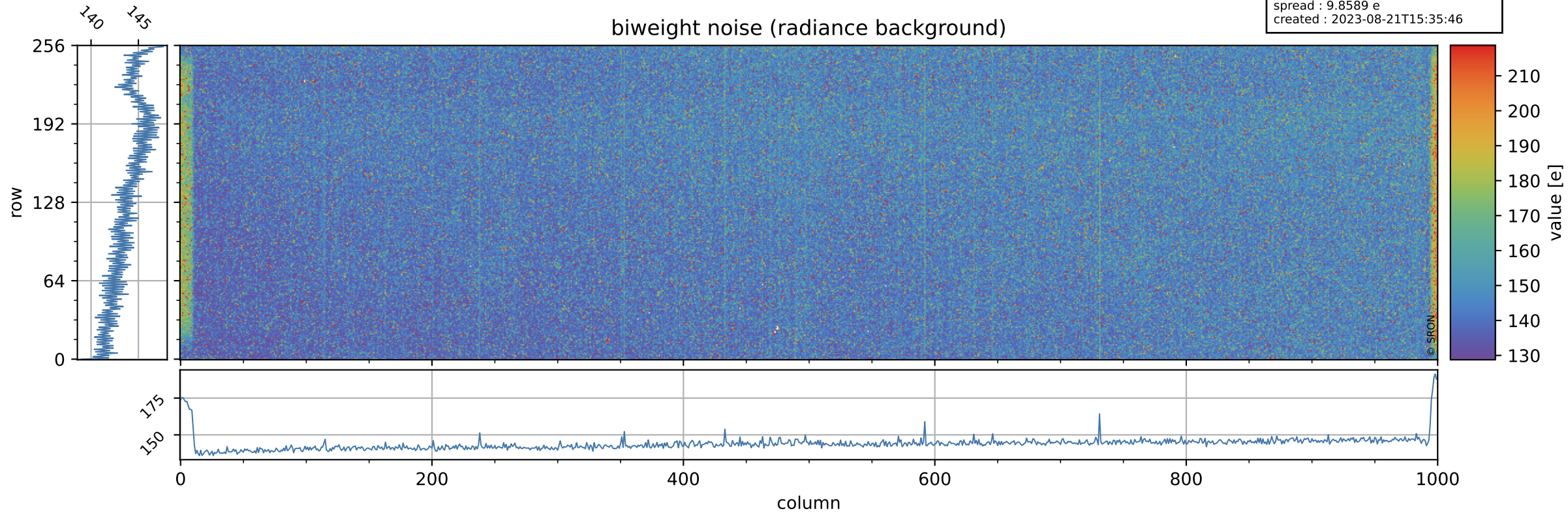
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8589 e
created : 2023-08-21T15:35:46

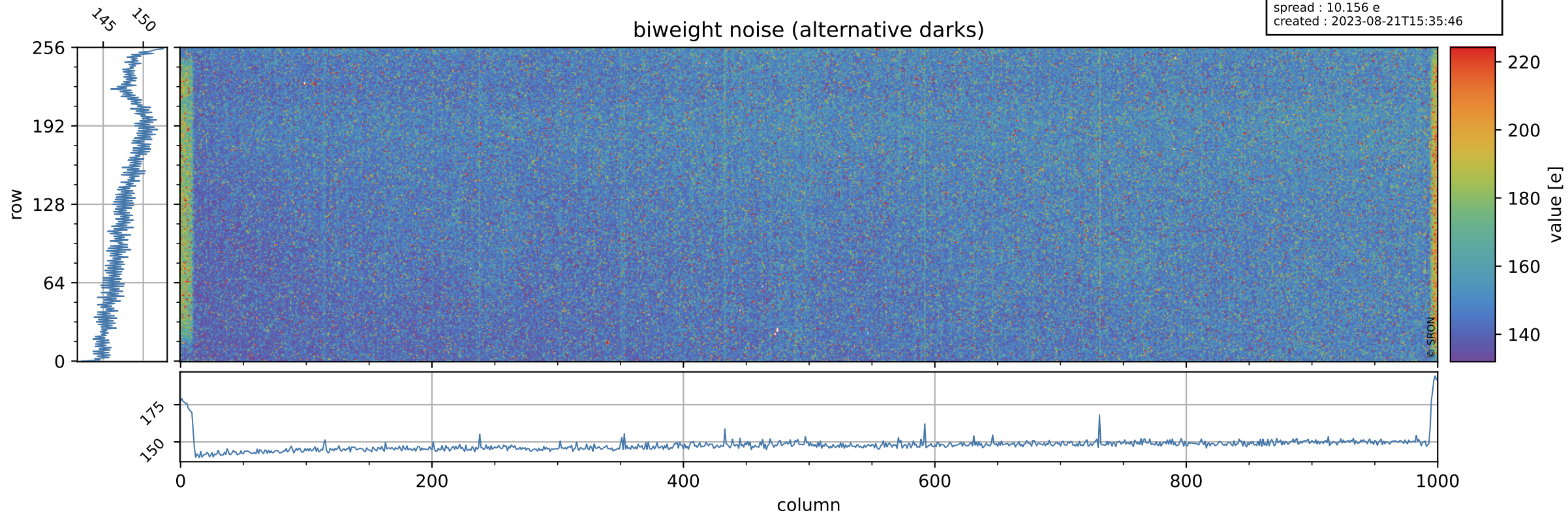
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.156 e
created : 2023-08-21T15:35:46

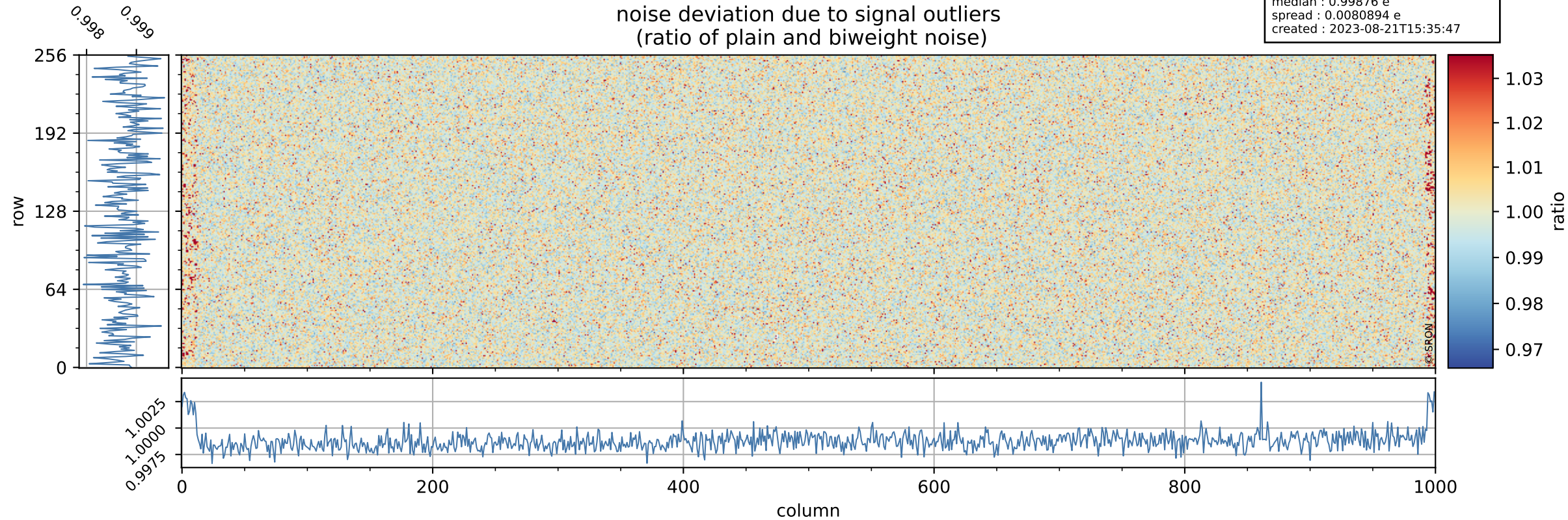
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

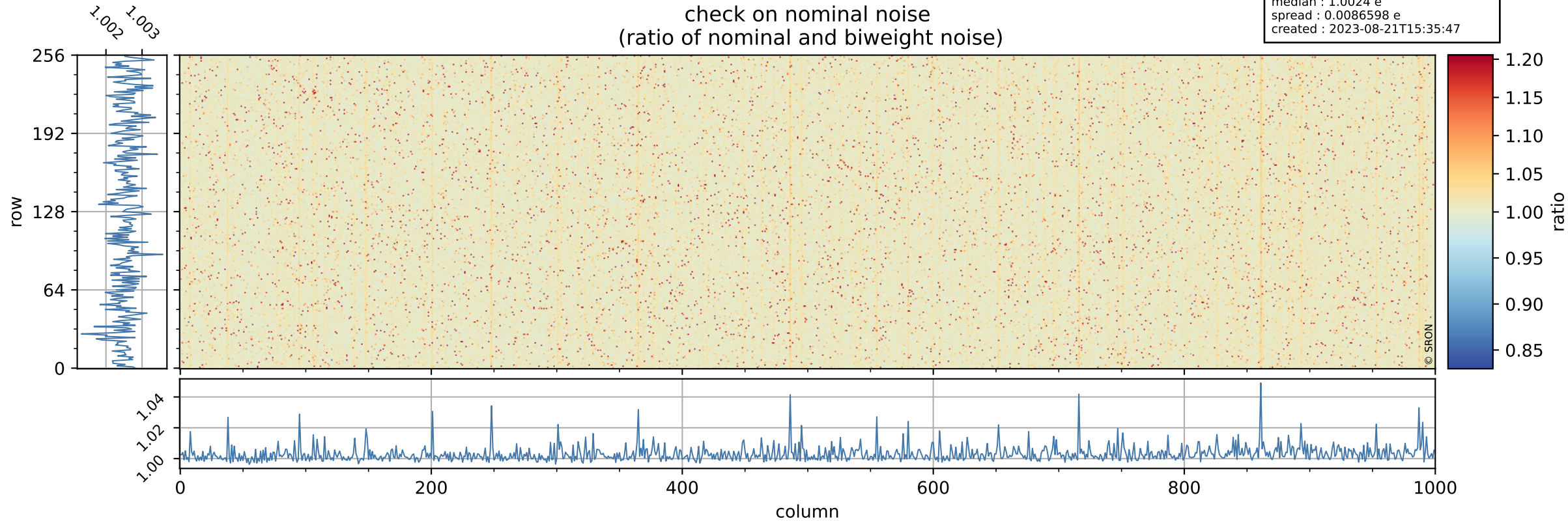
orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
median : 0.99876 e
spread : 0.0080894 e
created : 2023-08-21T15:35:47



Tropomi SWIR background noise (swir)

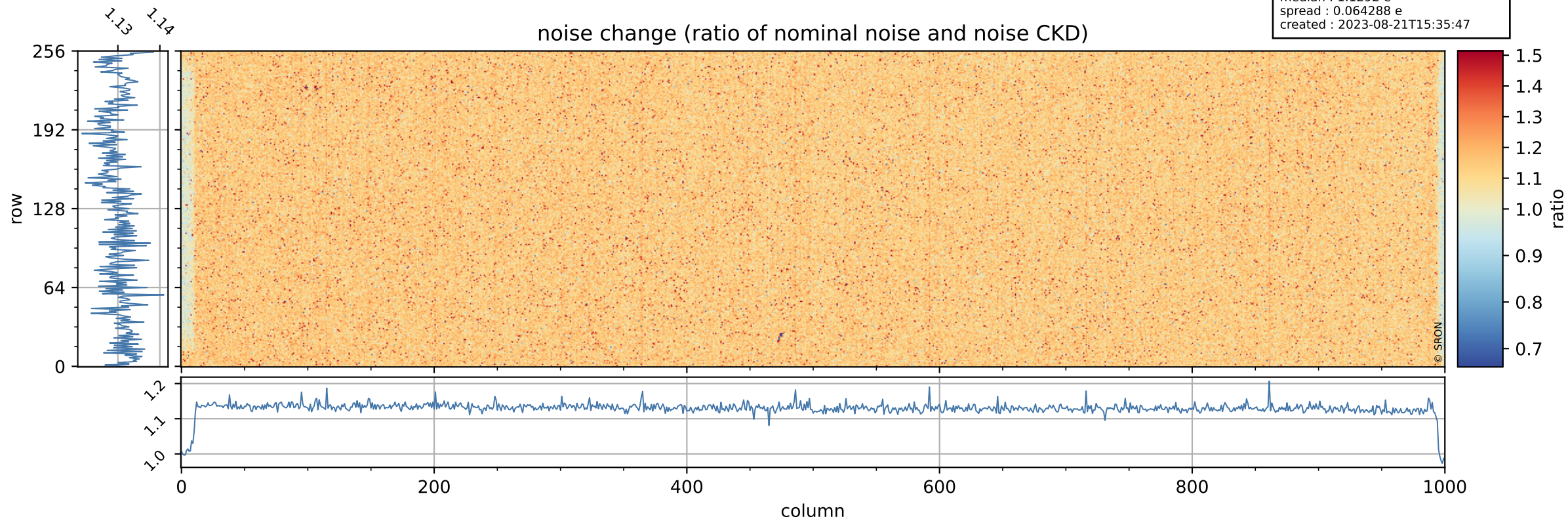
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
median : 1.0024 e
spread : 0.0086598 e
created : 2023-08-21T15:35:47



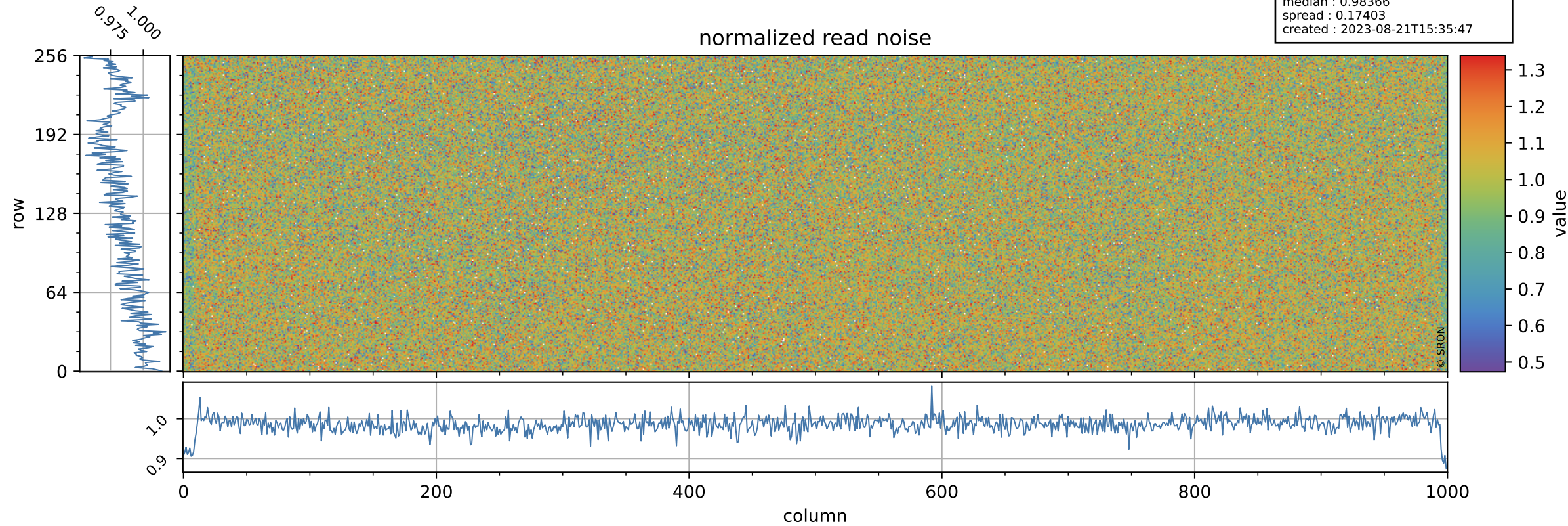
Tropomi SWIR background noise (swir)

orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
median : 1.1292 e
spread : 0.064288 e
created : 2023-08-21T15:35:47



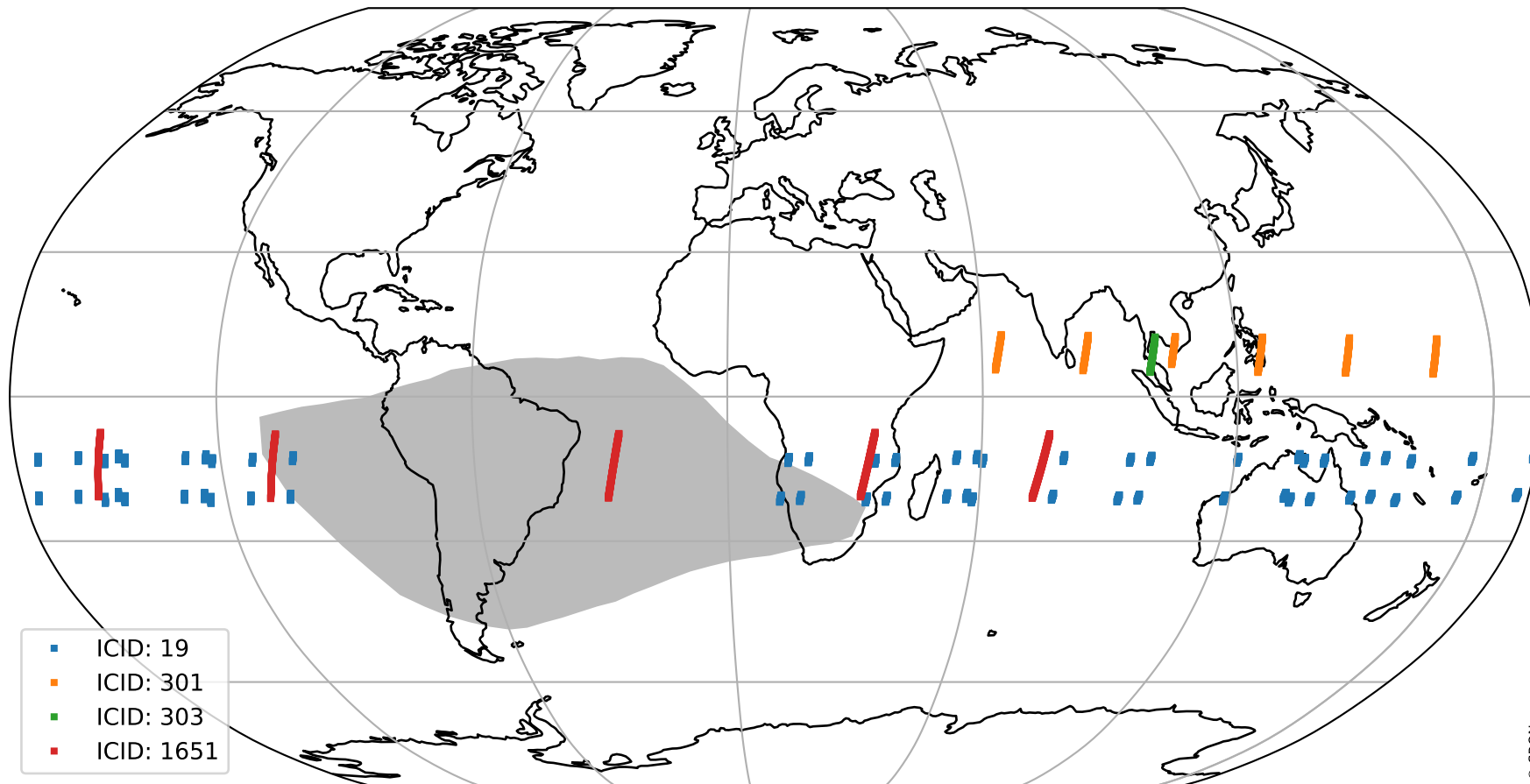
Tropomi SWIR background noise (swir)

orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
median : 0.98366
spread : 0.17403
created : 2023-08-21T15:35:47



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

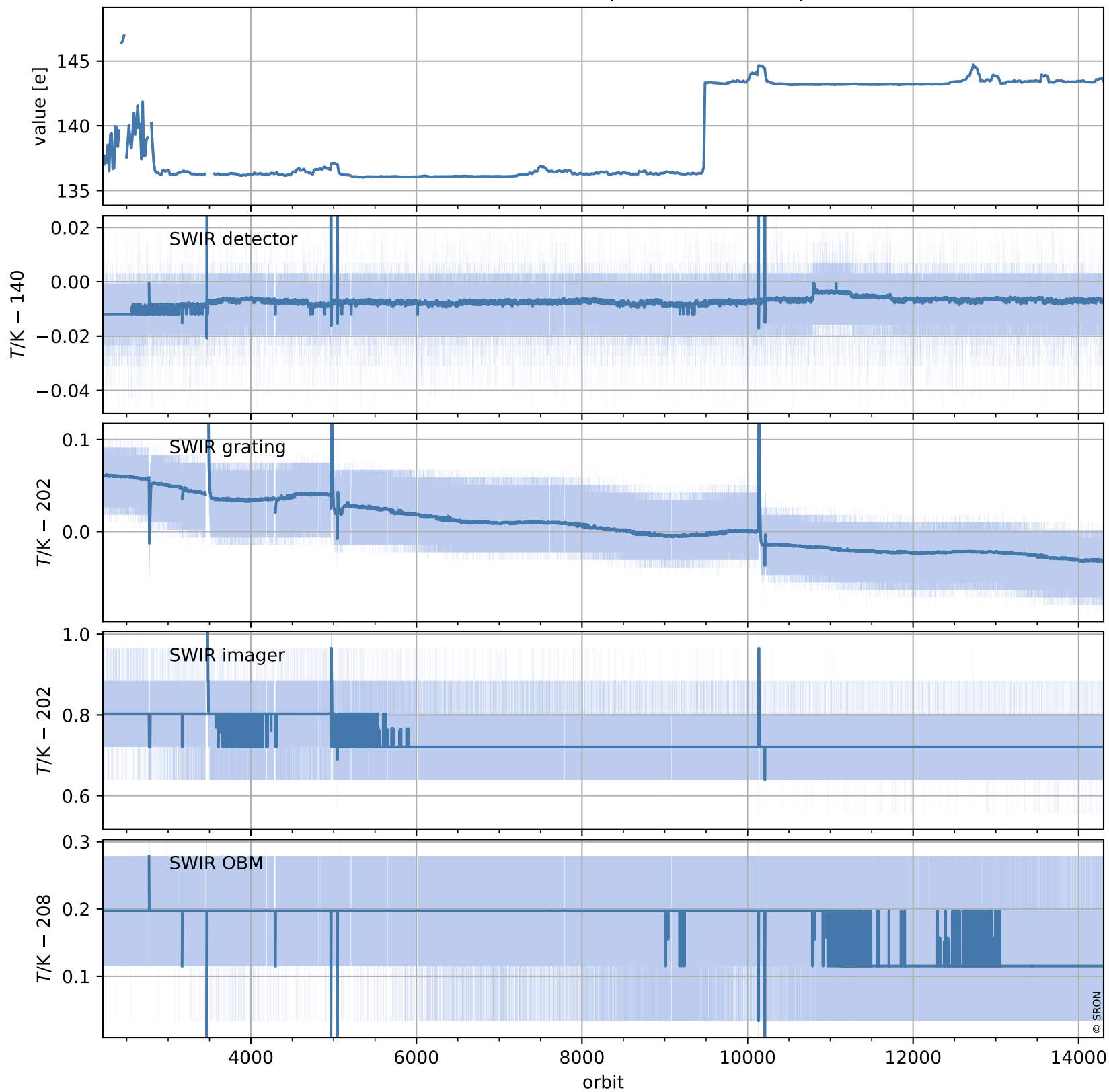
orbits : 12 in [14212, 14302]
coverage : 2020-07-11 / 2020-07-16
created : 2023-08-21T15:35:48



Tropomi SWIR background noise (swir)

orbits : [2212, 14302]
coverage : 2018-03-18 / 2020-07-16
created : 2023-08-21T15:35:48

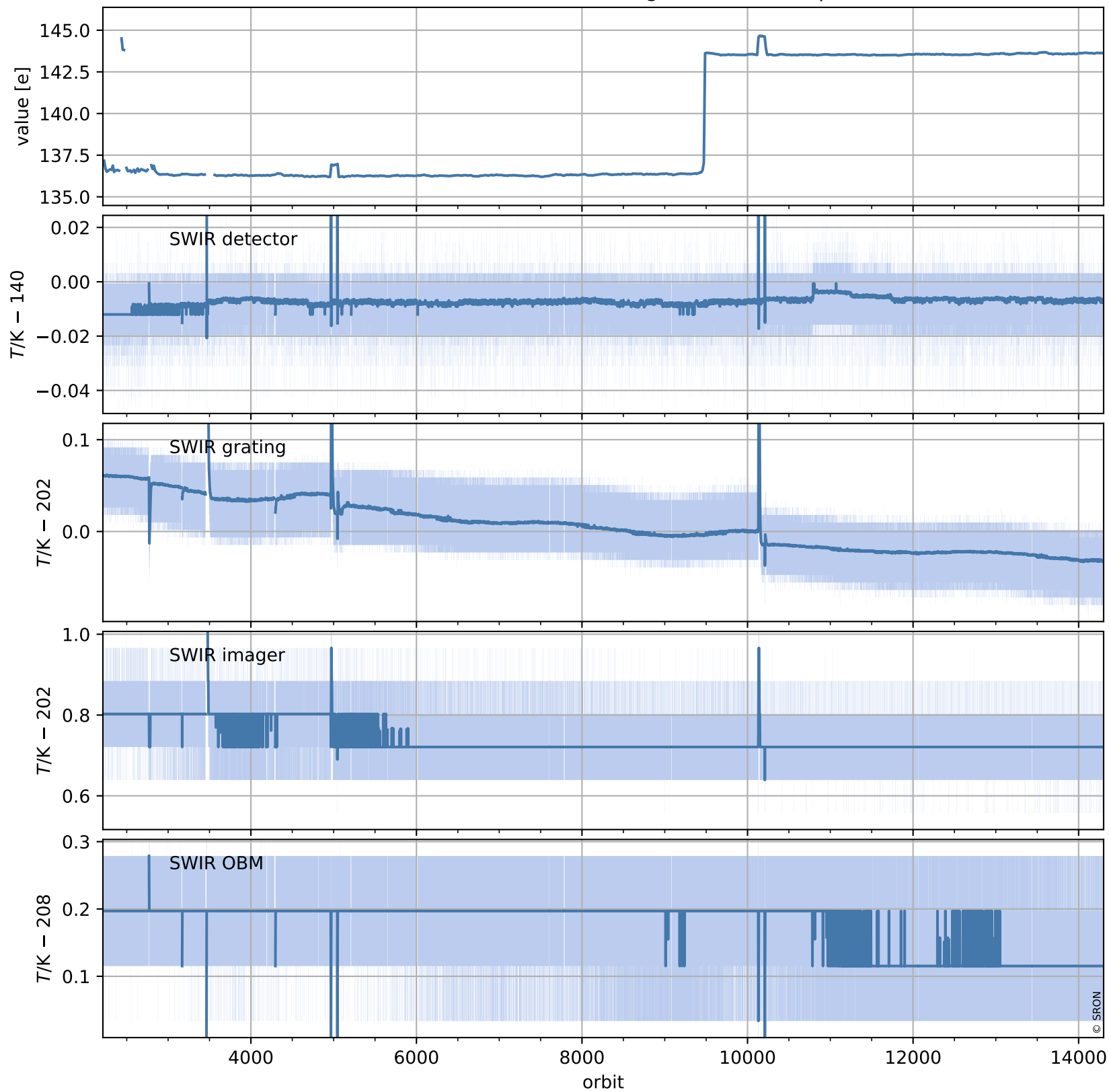
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14302]
coverage : 2018-03-18 / 2020-07-16
created : 2023-08-21T15:35:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14302]
coverage : 2018-03-18 / 2020-07-16
created : 2023-08-21T15:35:49

trend of normalized read-noise & temperatures

