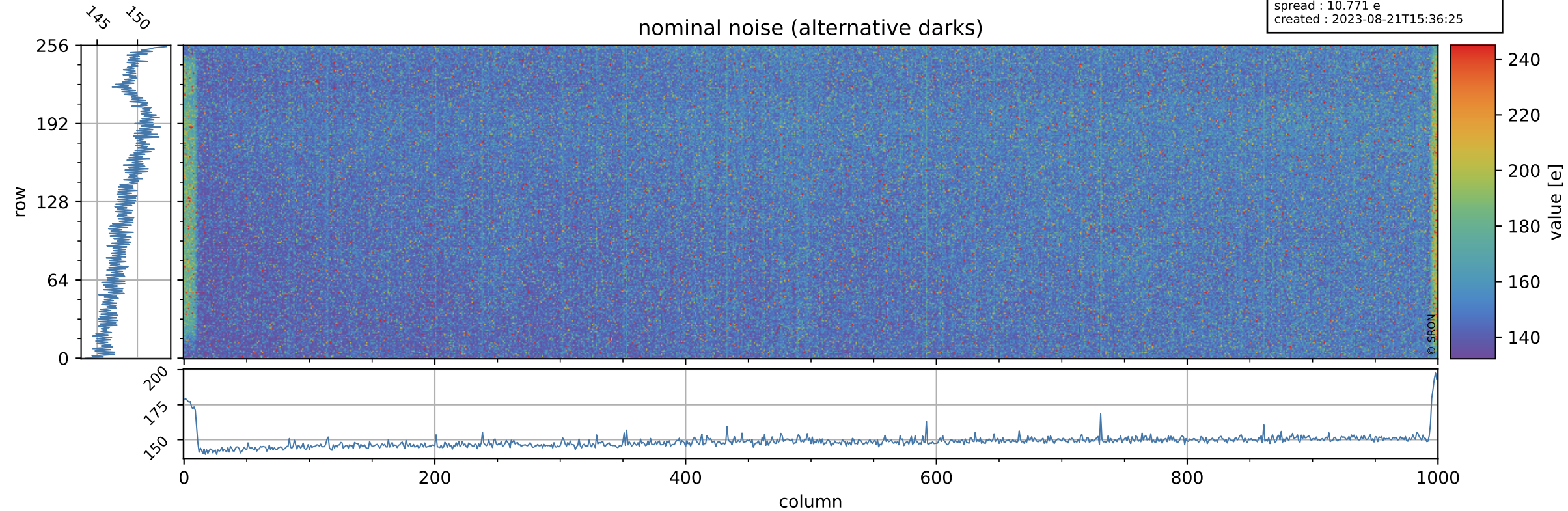


Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.771 e
created : 2023-08-21T15:36:25

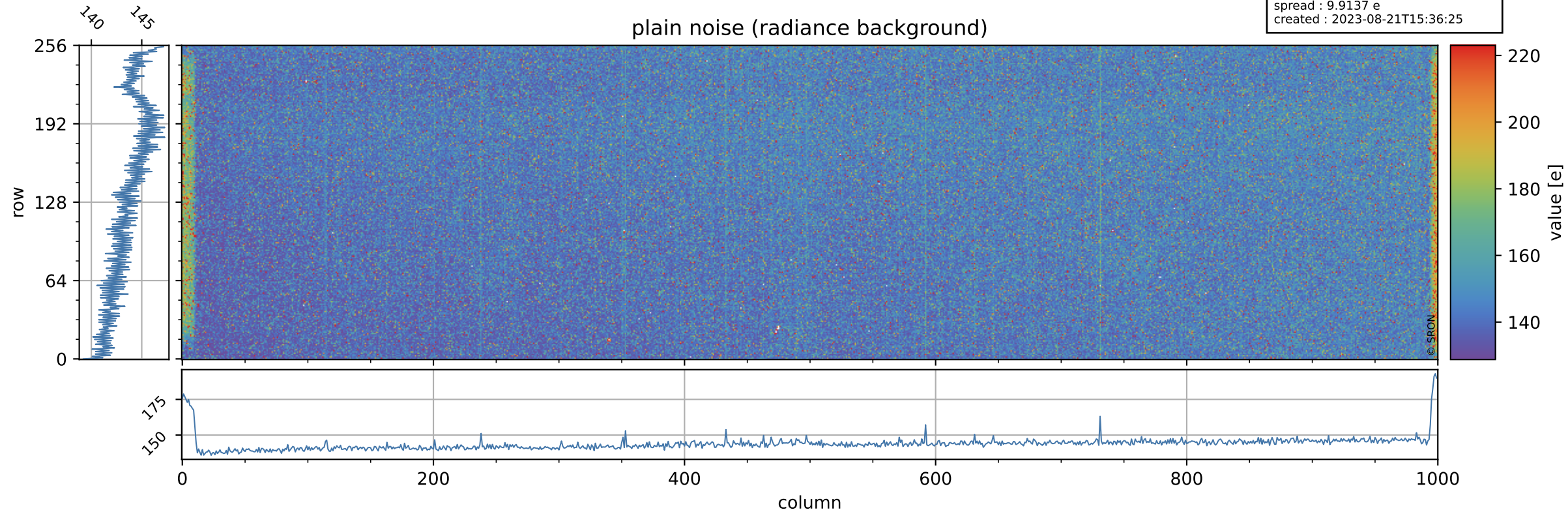
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.9137 e
created : 2023-08-21T15:36:25

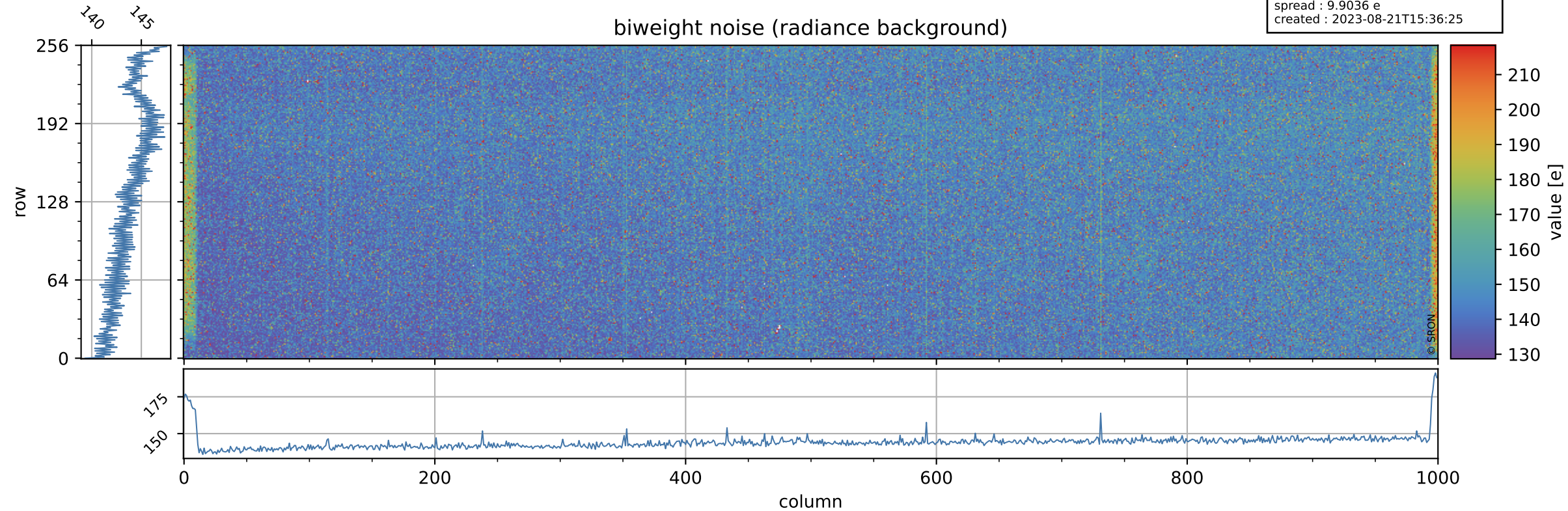
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9036 e
created : 2023-08-21T15:36:25

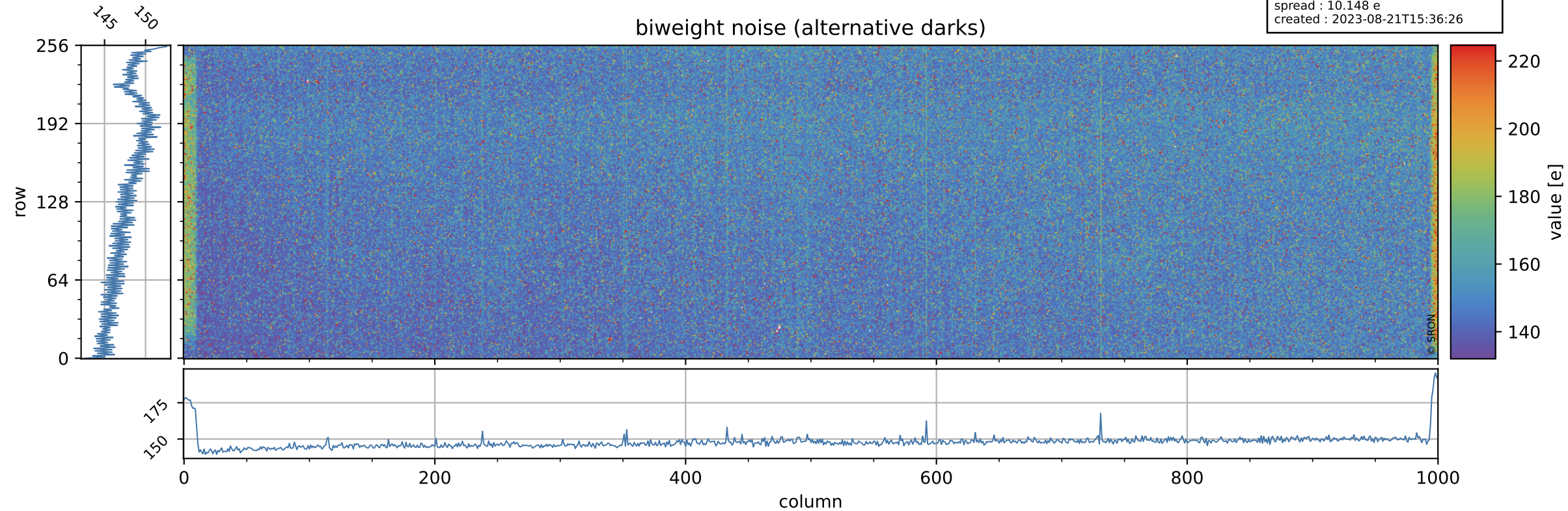
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.148 e
created : 2023-08-21T15:36:26

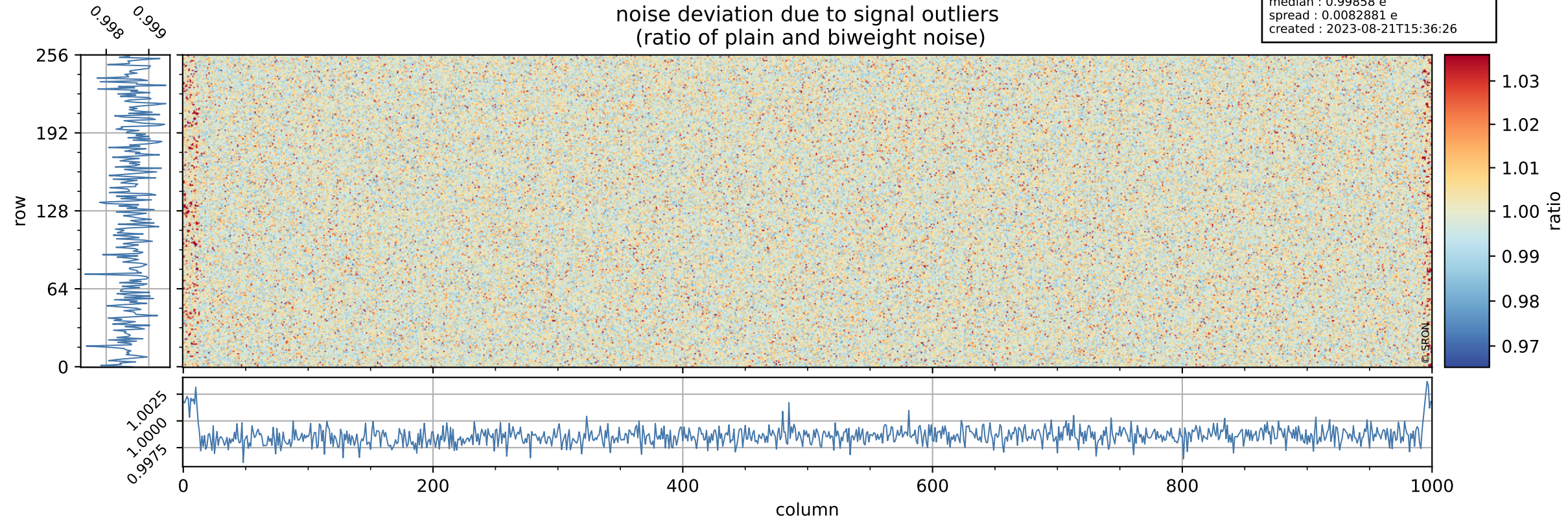
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

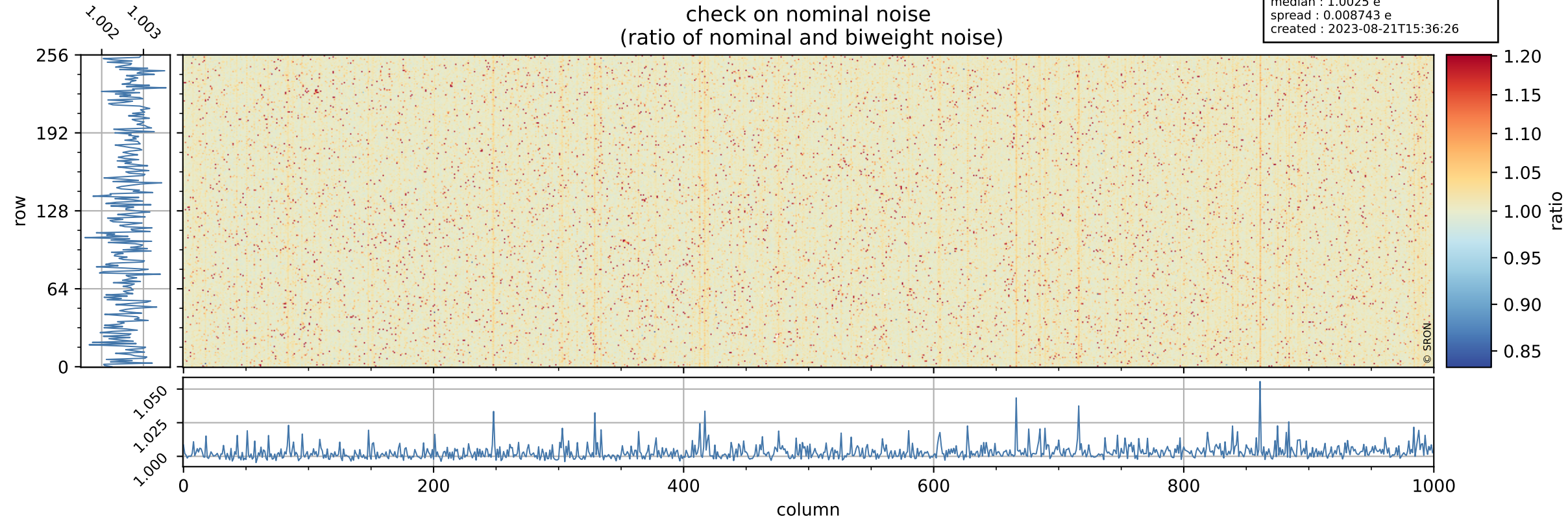
orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
median : 0.99858 e
spread : 0.0082881 e
created : 2023-08-21T15:36:26



Tropomi SWIR background noise (swir)

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

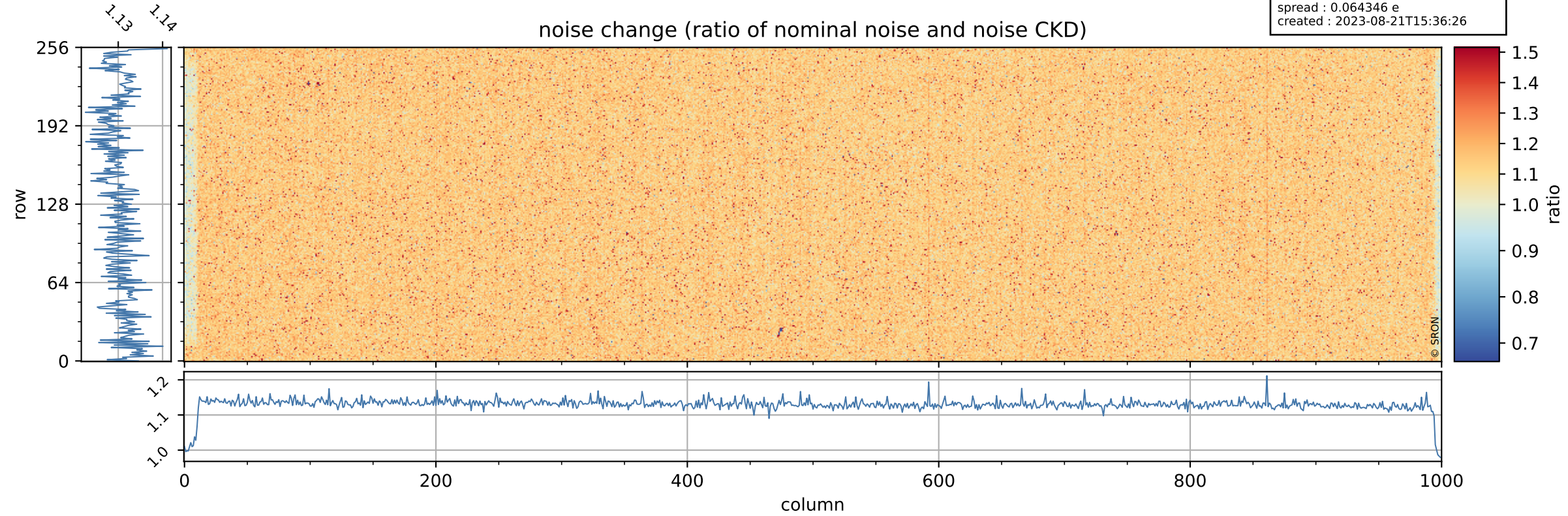
orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
median : 1.0025 e
spread : 0.008743 e
created : 2023-08-21T15:36:26



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
median : 1.1294 e
spread : 0.064346 e
created : 2023-08-21T15:36:26

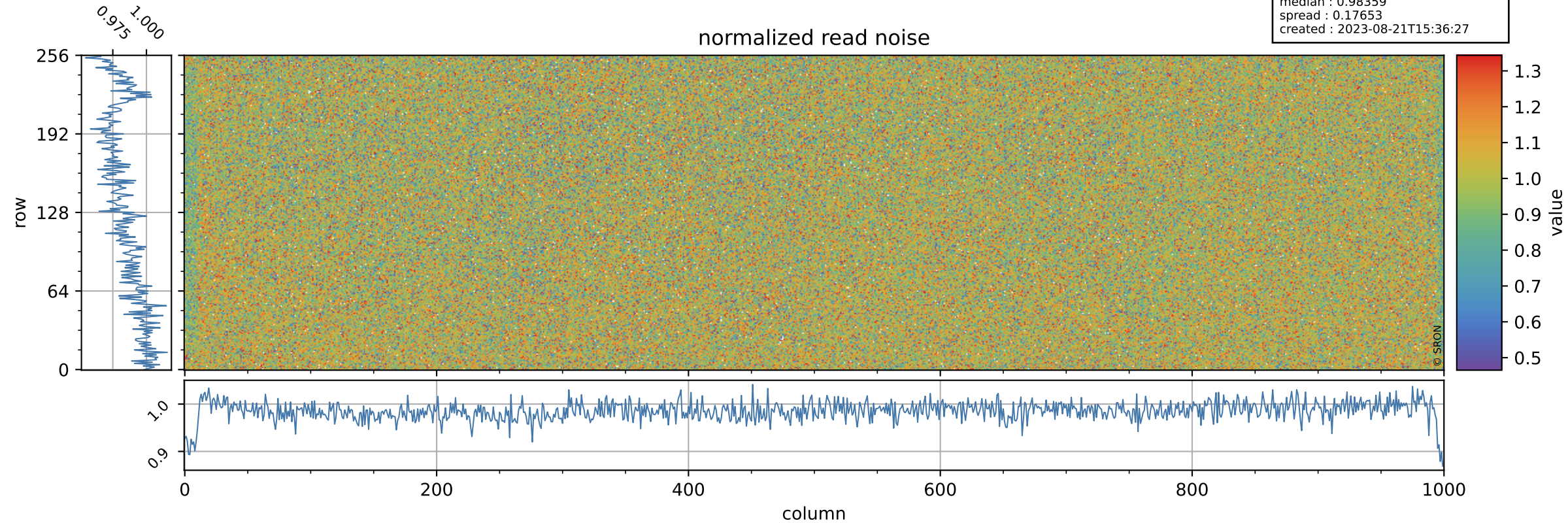
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

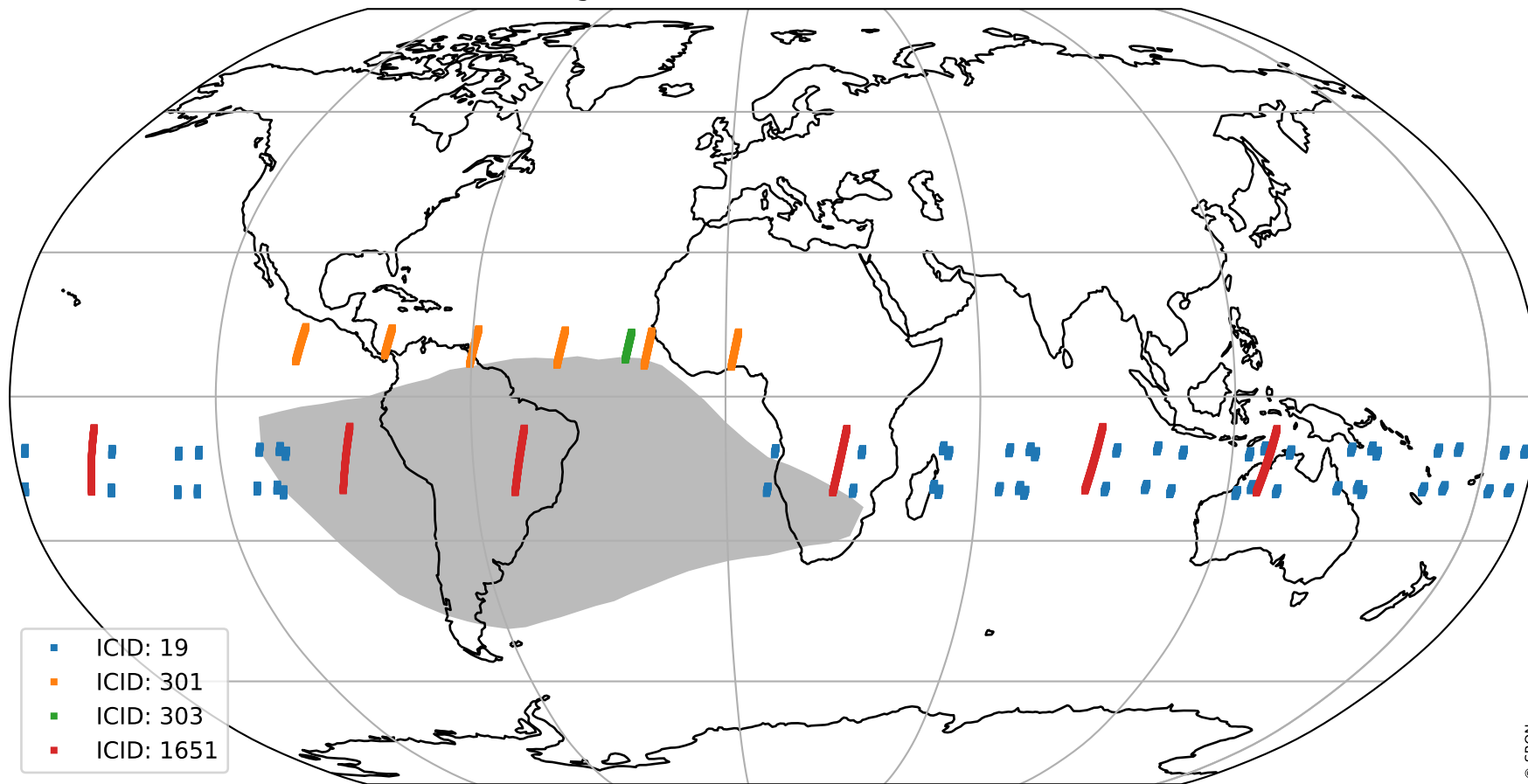
orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
median : 0.98359
spread : 0.17653
created : 2023-08-21T15:36:27

normalized read noise



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

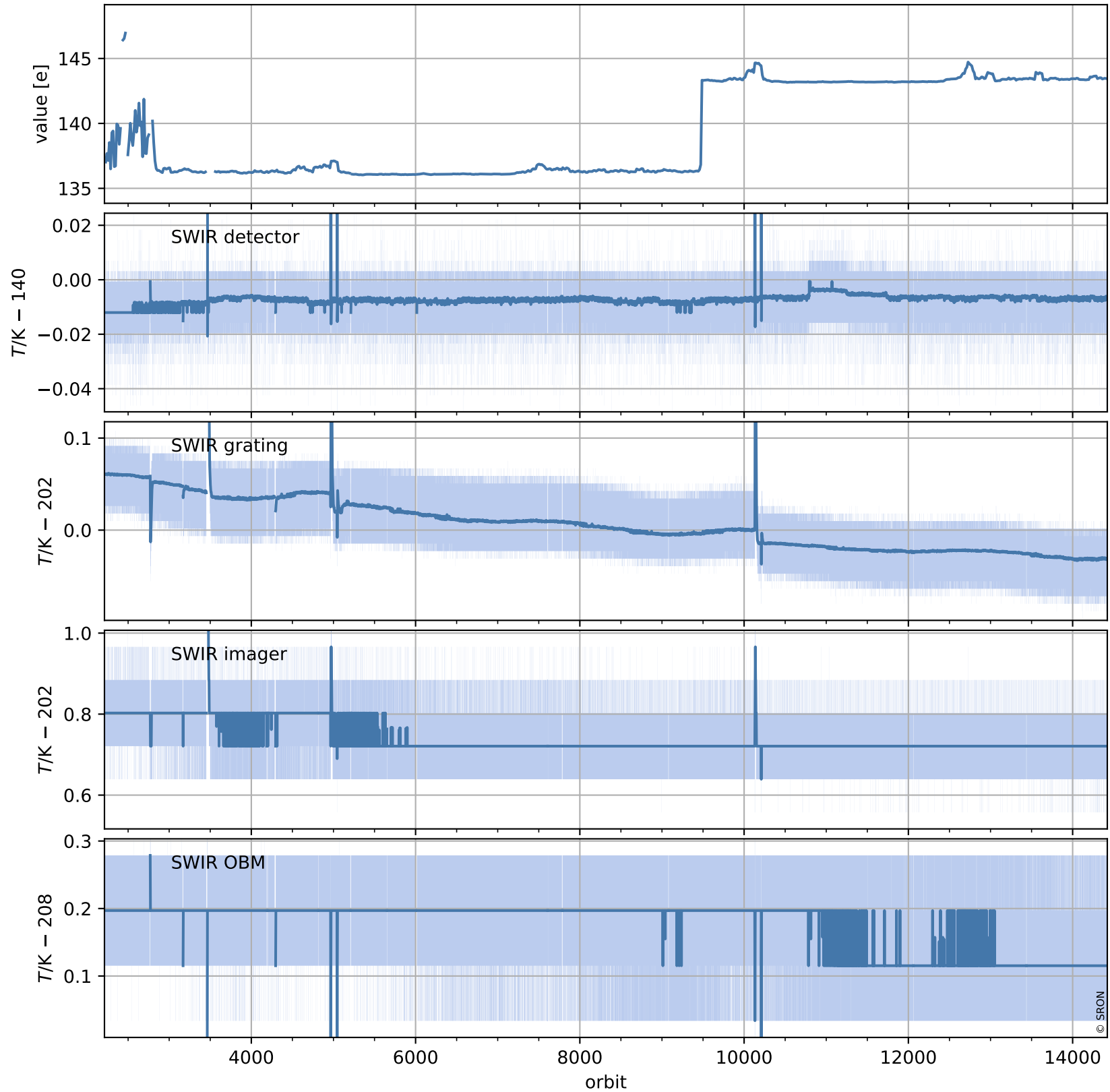
orbits : 13 in [14347, 14422]
coverage : 2020-07-19 / 2020-07-25
created : 2023-08-21T15:36:27



Tropomi SWIR background noise (swir)

orbits : [2212, 14422]
coverage : 2018-03-18 / 2020-07-25
created : 2023-08-21T15:36:27

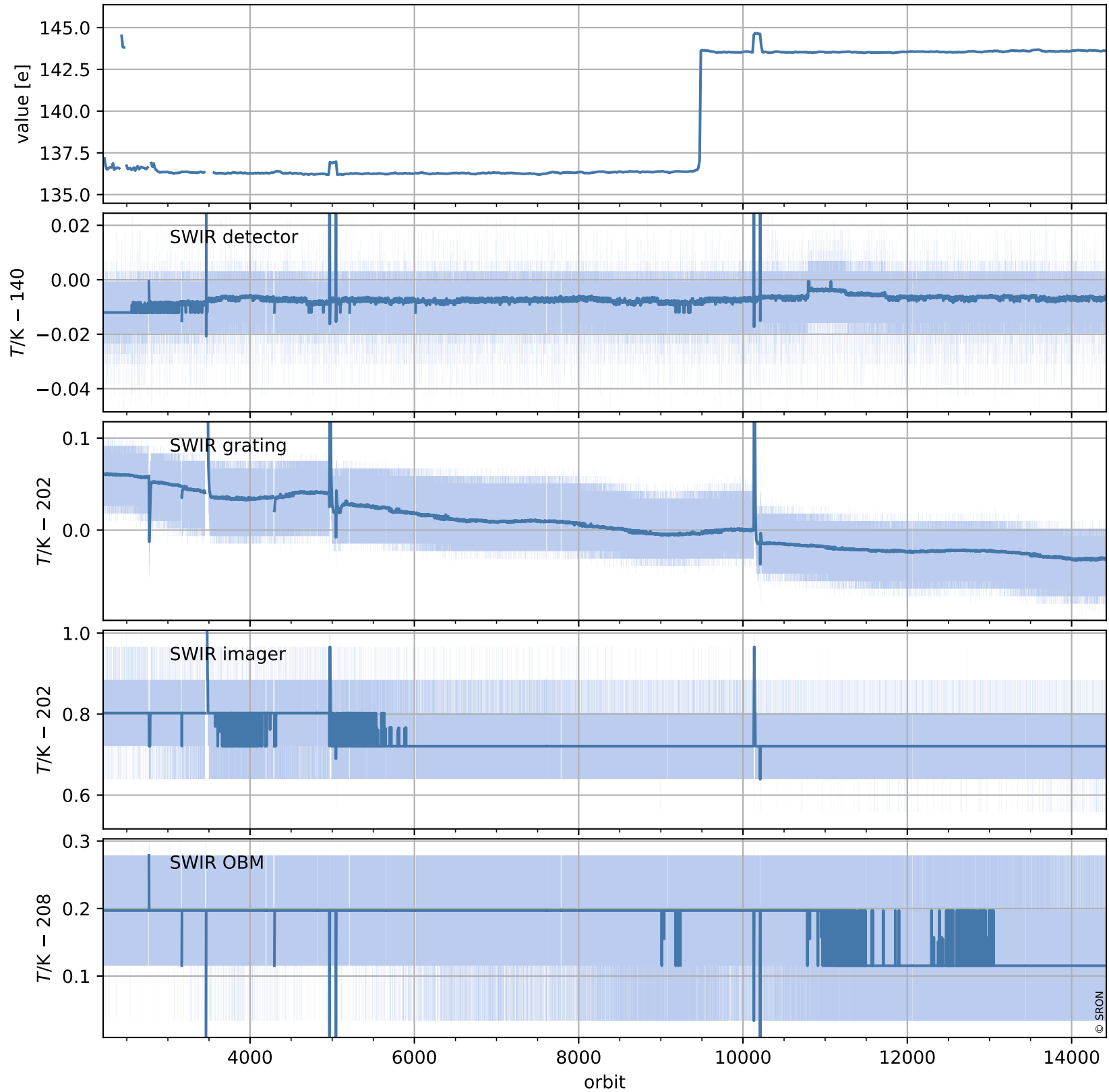
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14422]
coverage : 2018-03-18 / 2020-07-25
created : 2023-08-21T15:36:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14422]
coverage : 2018-03-18 / 2020-07-25
created : 2023-08-21T15:36:29

trend of normalized read-noise & temperatures

