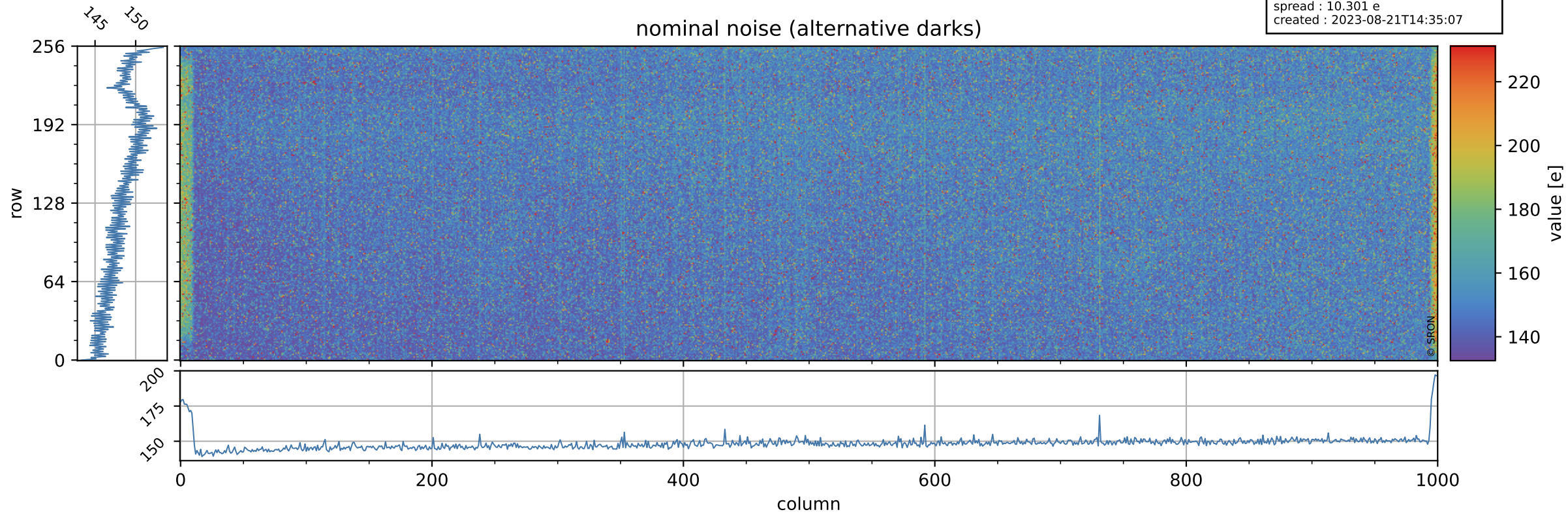


Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
n_coad, t_exp : 1, 1.0783
median : 148.2 e
spread : 10.301 e
created : 2023-08-21T14:35:07

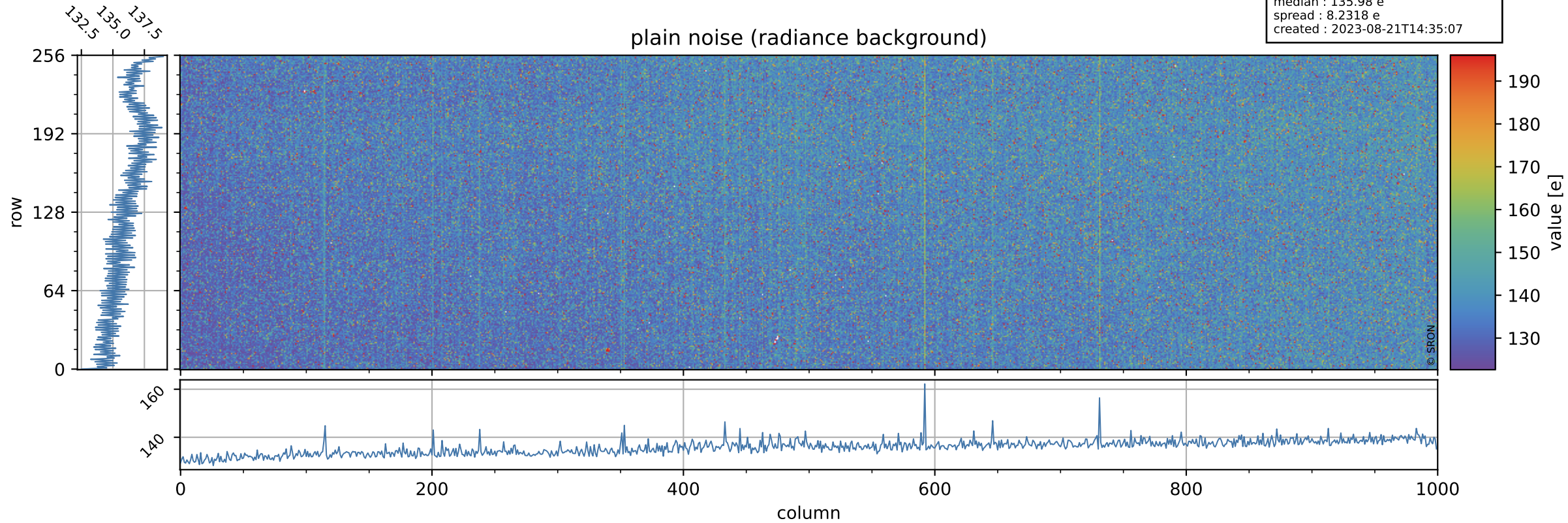
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2318 e
created : 2023-08-21T14:35:07

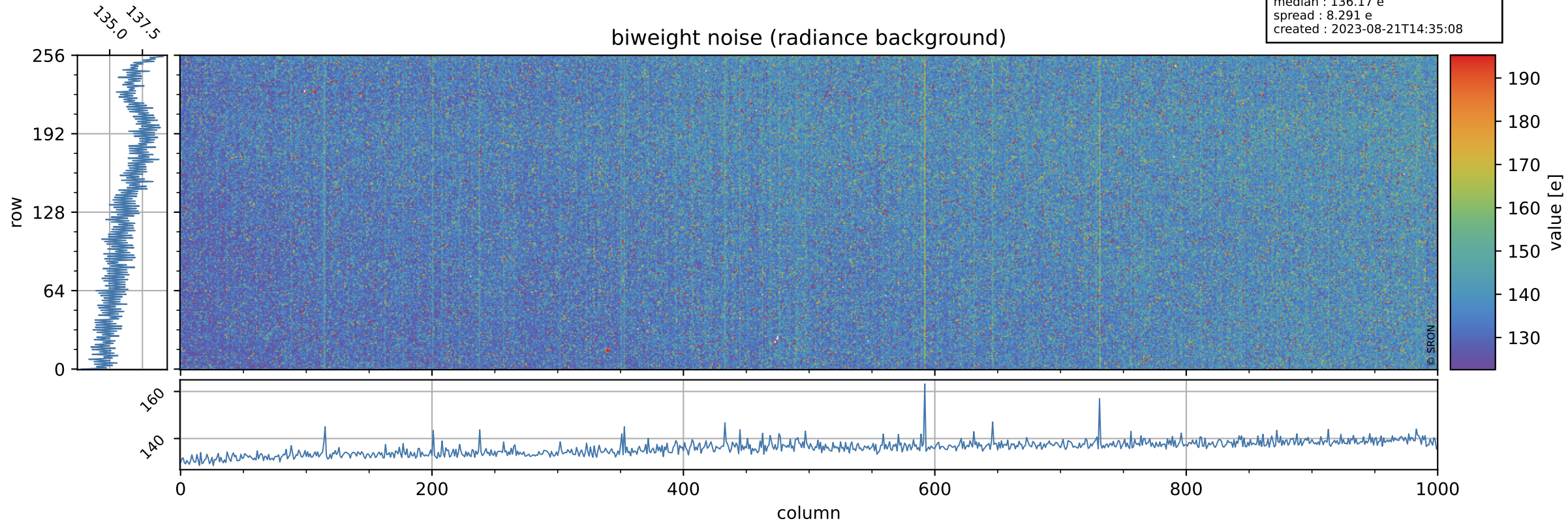
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.291 e
created : 2023-08-21T14:35:08

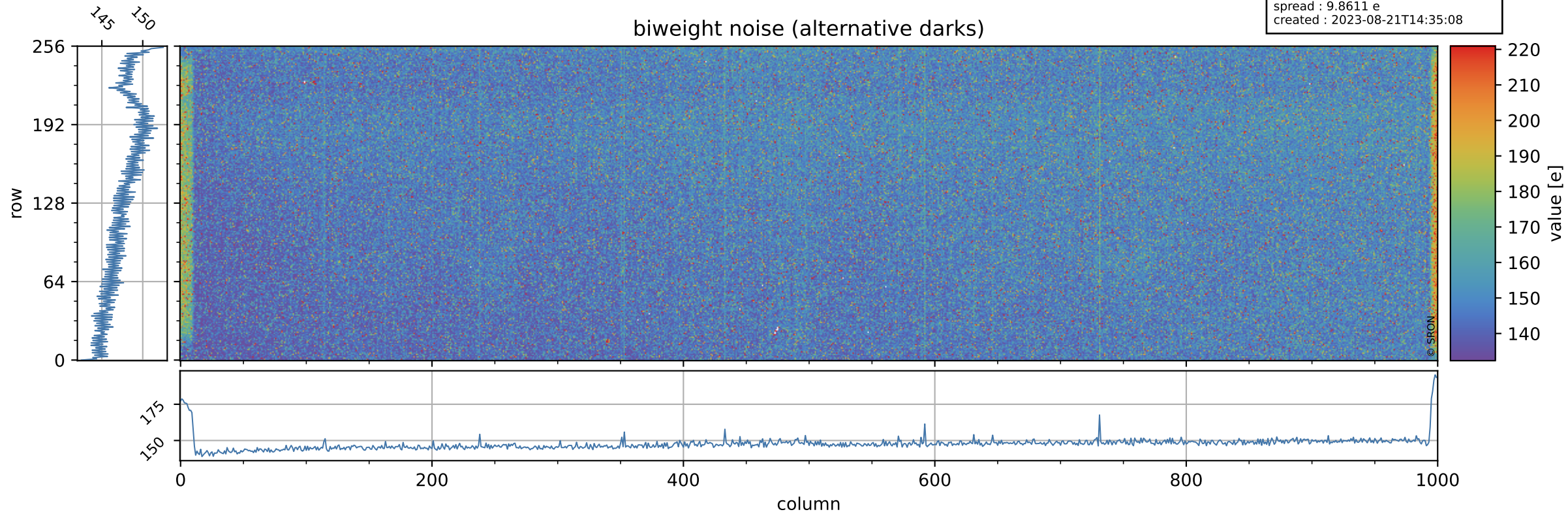
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8611 e
created : 2023-08-21T14:35:08

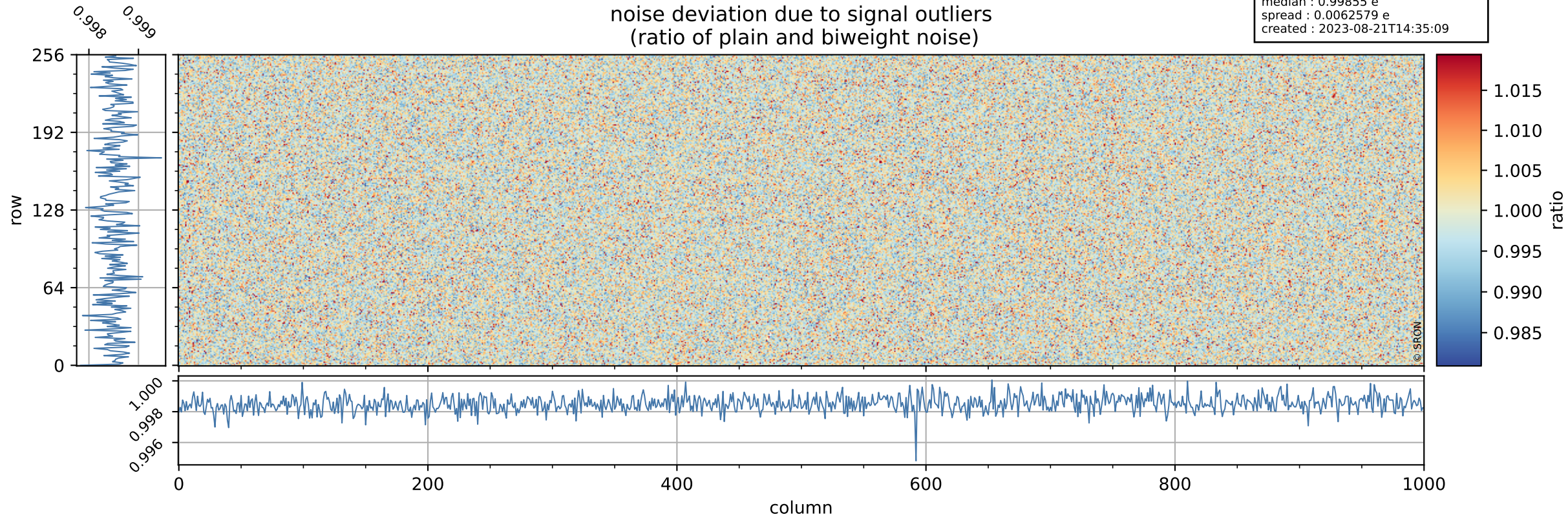
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

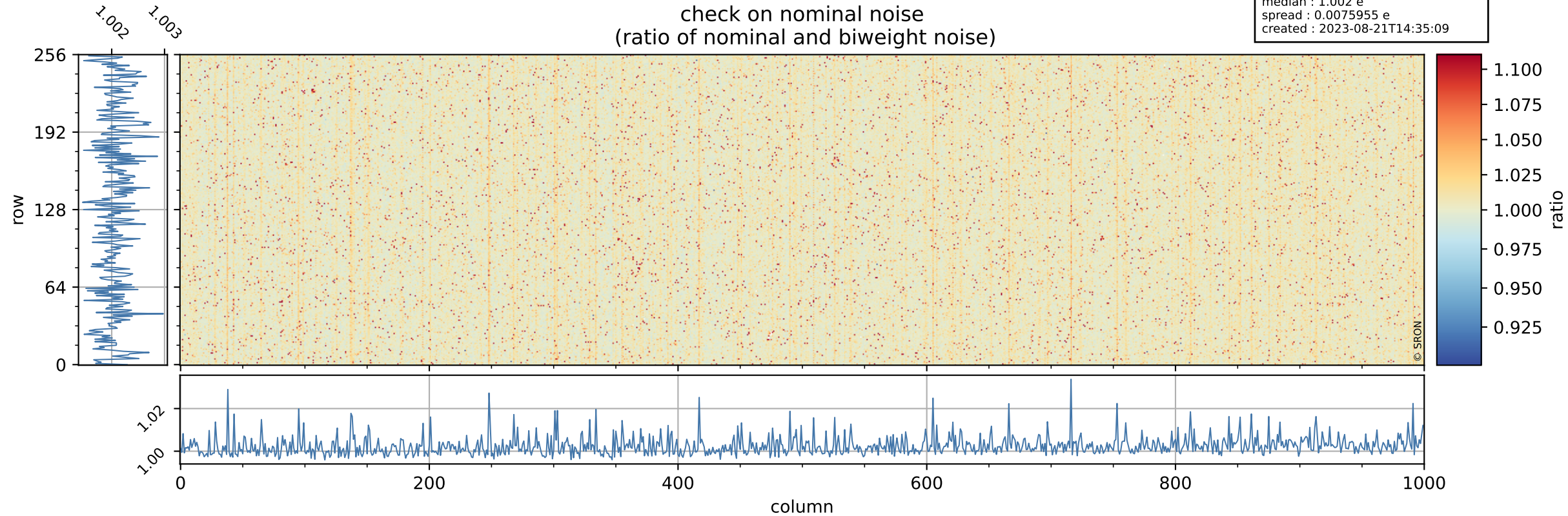
orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
median : 0.99855 e
spread : 0.0062579 e
created : 2023-08-21T14:35:09



Tropomi SWIR background noise (swir)

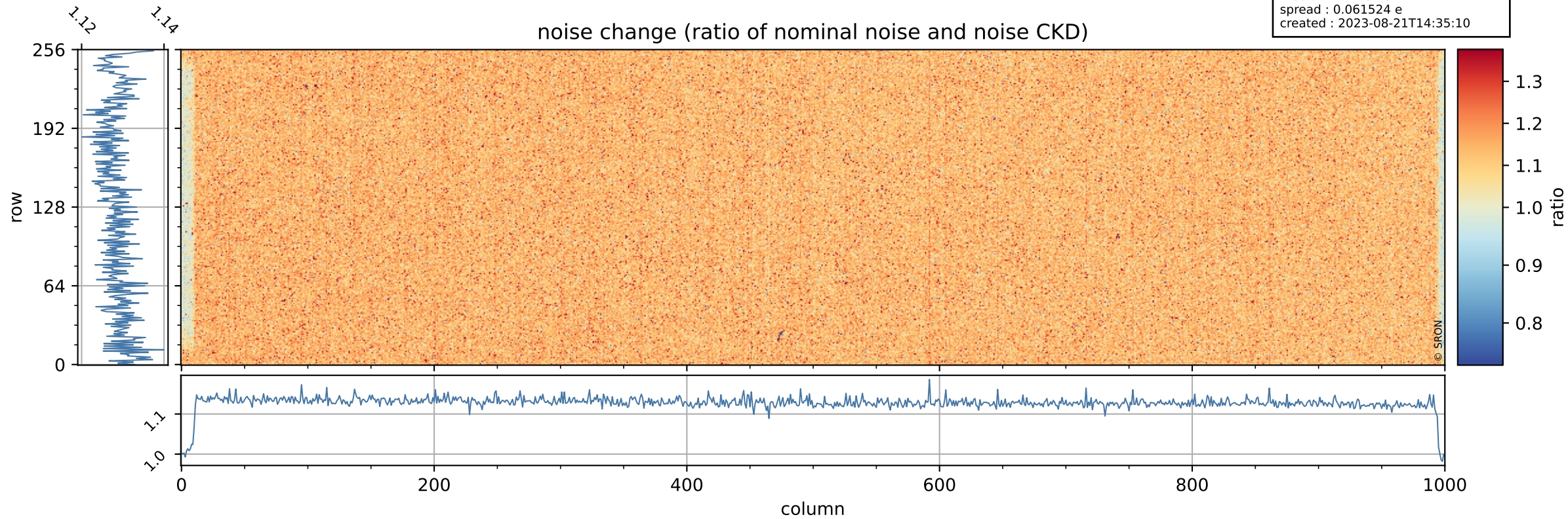
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
median : 1.002 e
spread : 0.0075955 e
created : 2023-08-21T14:35:09



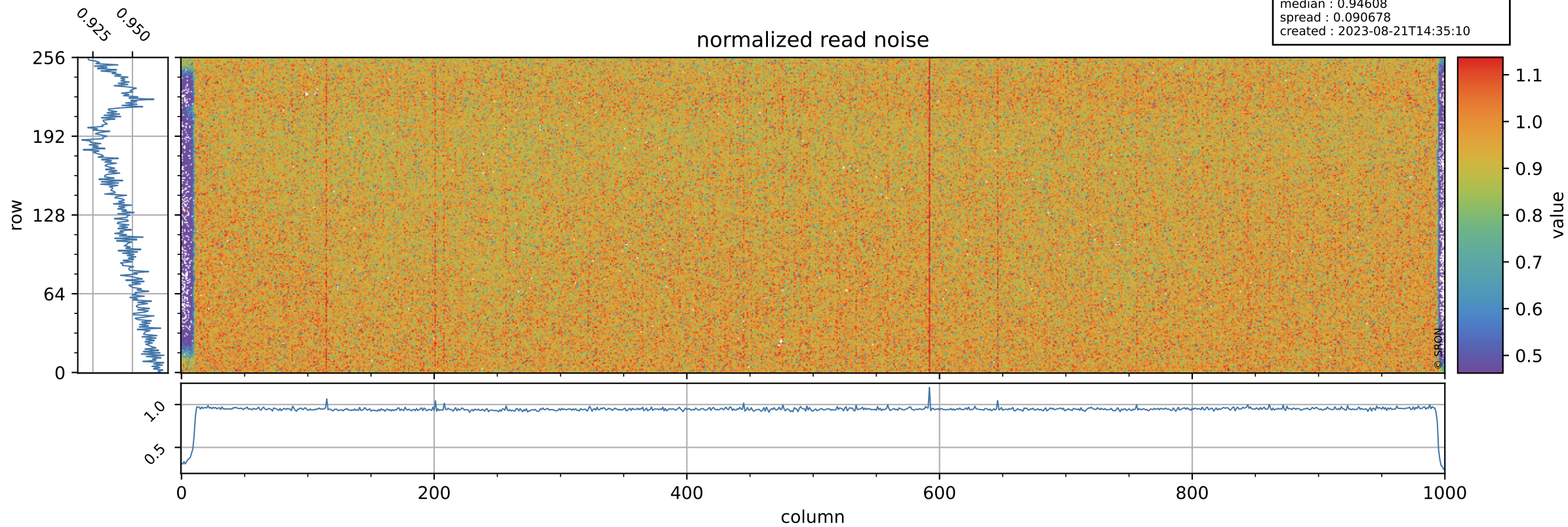
Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
median : 1.1281 e
spread : 0.061524 e
created : 2023-08-21T14:35:10



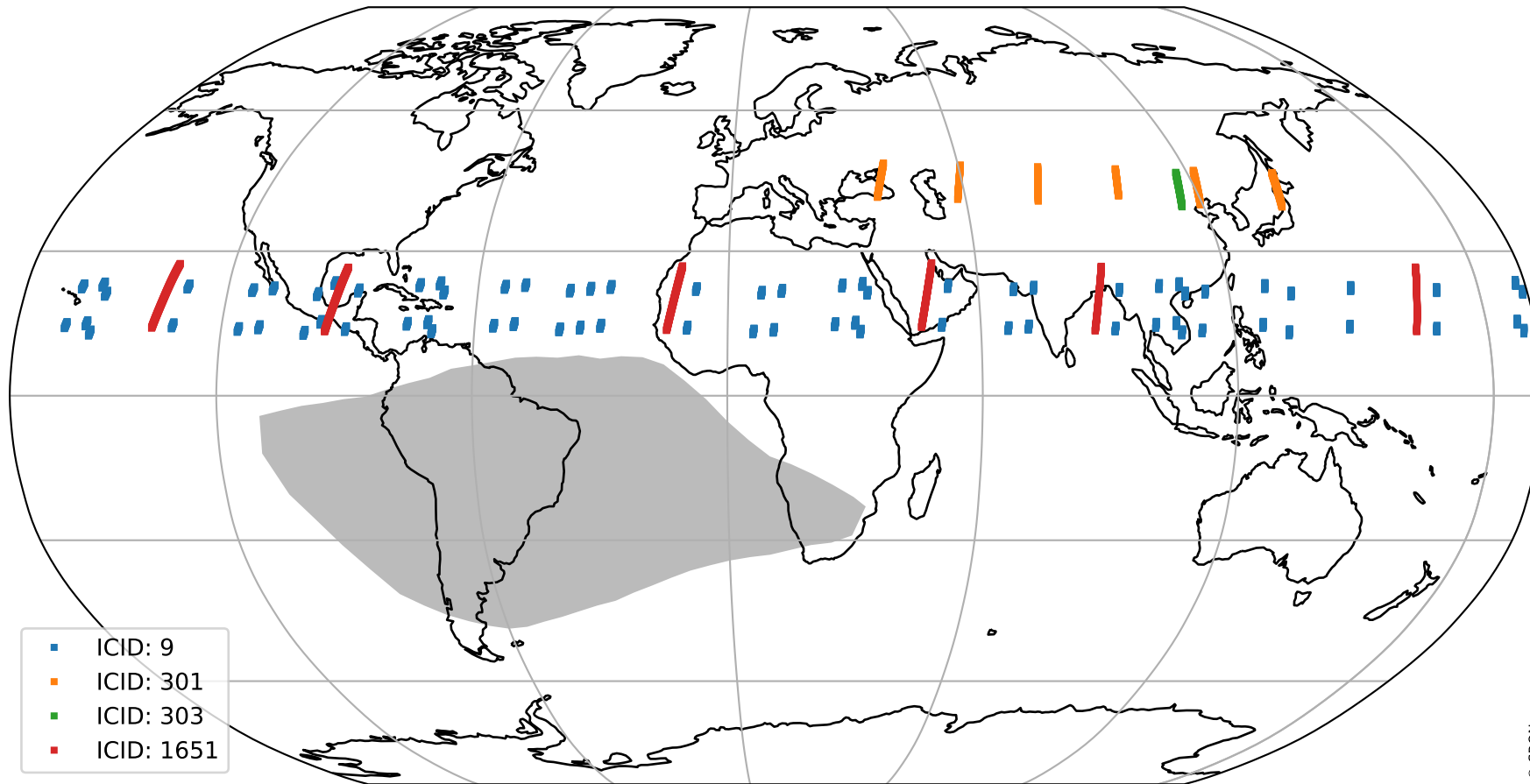
Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
median : 0.94608
spread : 0.090678
created : 2023-08-21T14:35:10



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

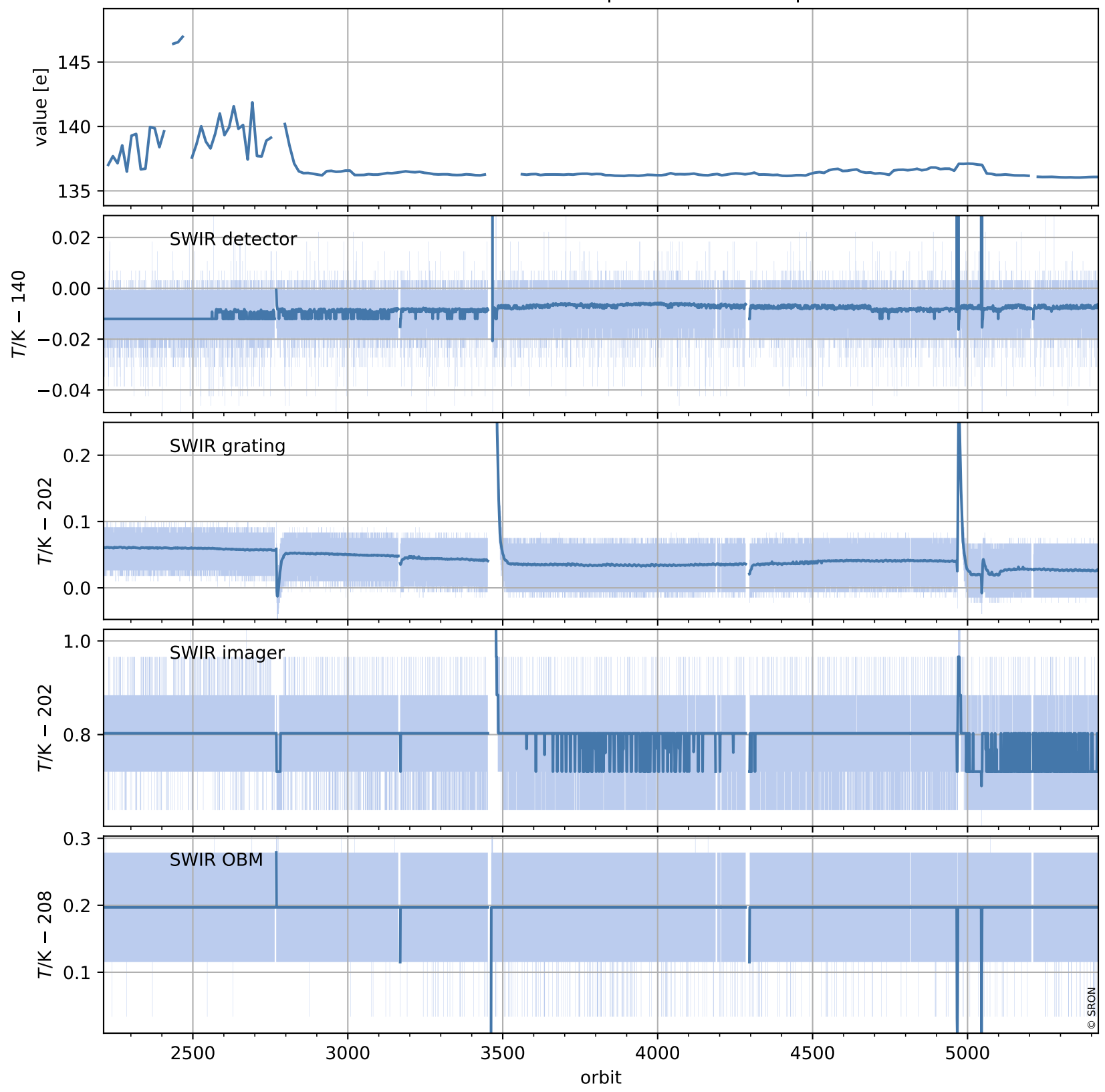
orbits : 13 in [5347, 5422]
coverage : 2018-10-24 / 2018-10-29
created : 2023-08-21T14:35:10



Tropomi SWIR background noise (swir)

orbits : [2212, 5422]
coverage : 2018-03-18 / 2018-10-29
created : 2023-08-21T14:35:11

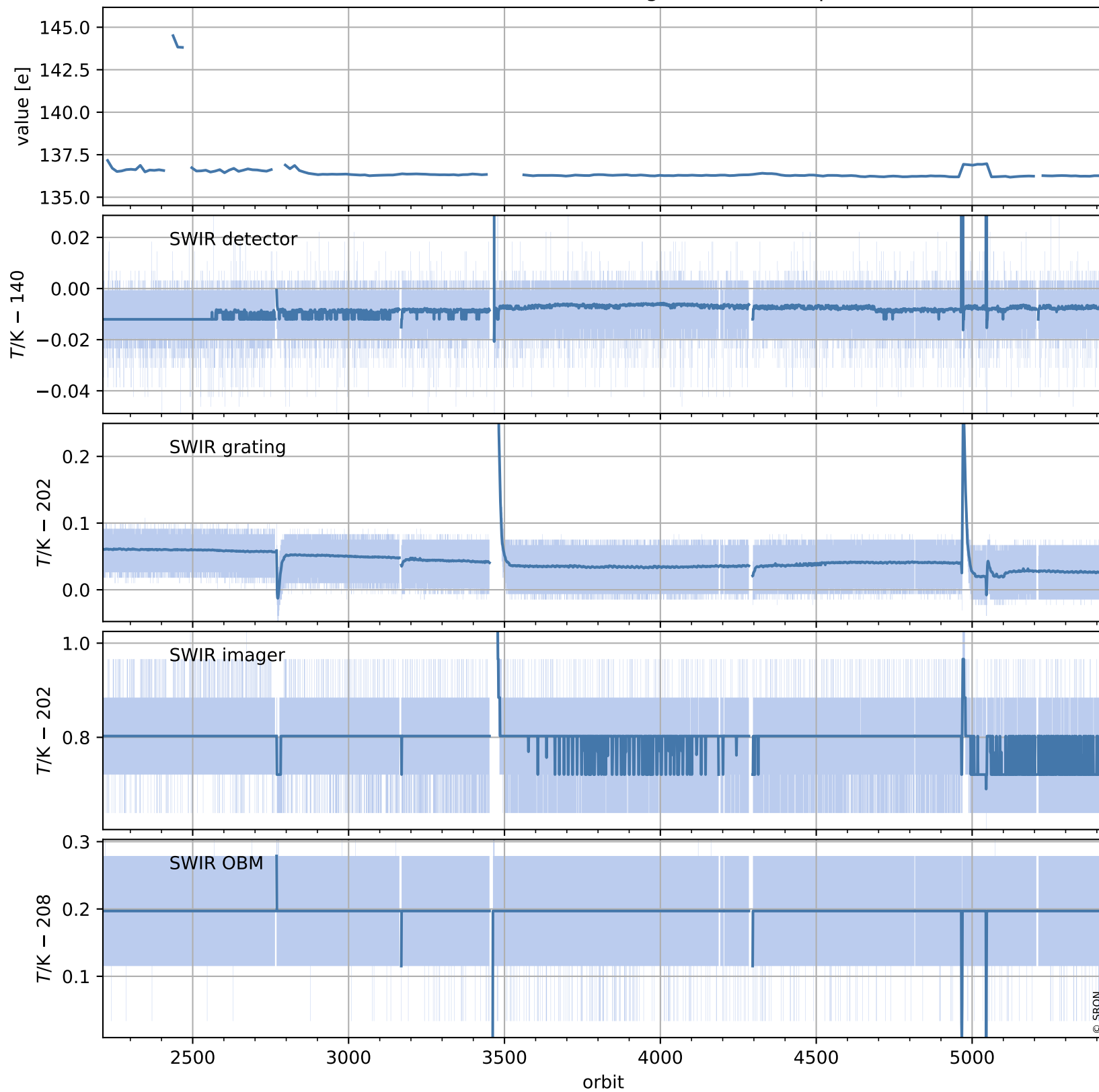
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5422]
coverage : 2018-03-18 / 2018-10-29
created : 2023-08-21T14:35:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5422]
coverage : 2018-03-18 / 2018-10-29
created : 2023-08-21T14:35:12

trend of normalized read-noise & temperatures

