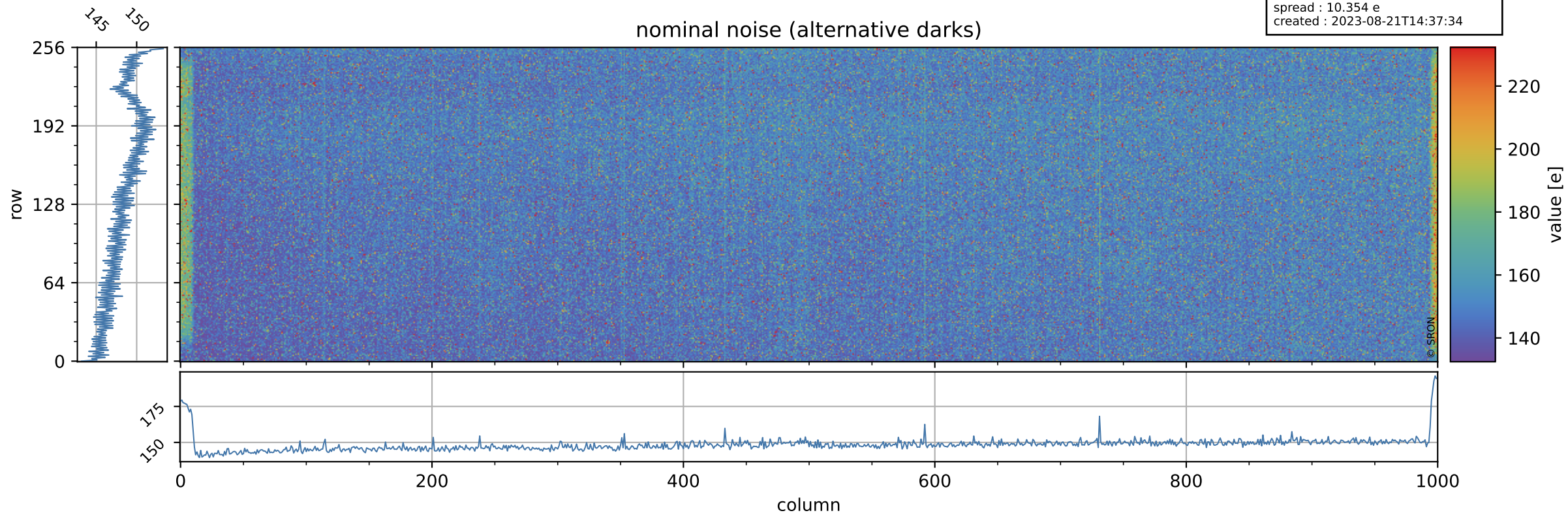


Tropomi SWIR background noise (swir)

orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.354 e
created : 2023-08-21T14:37:34

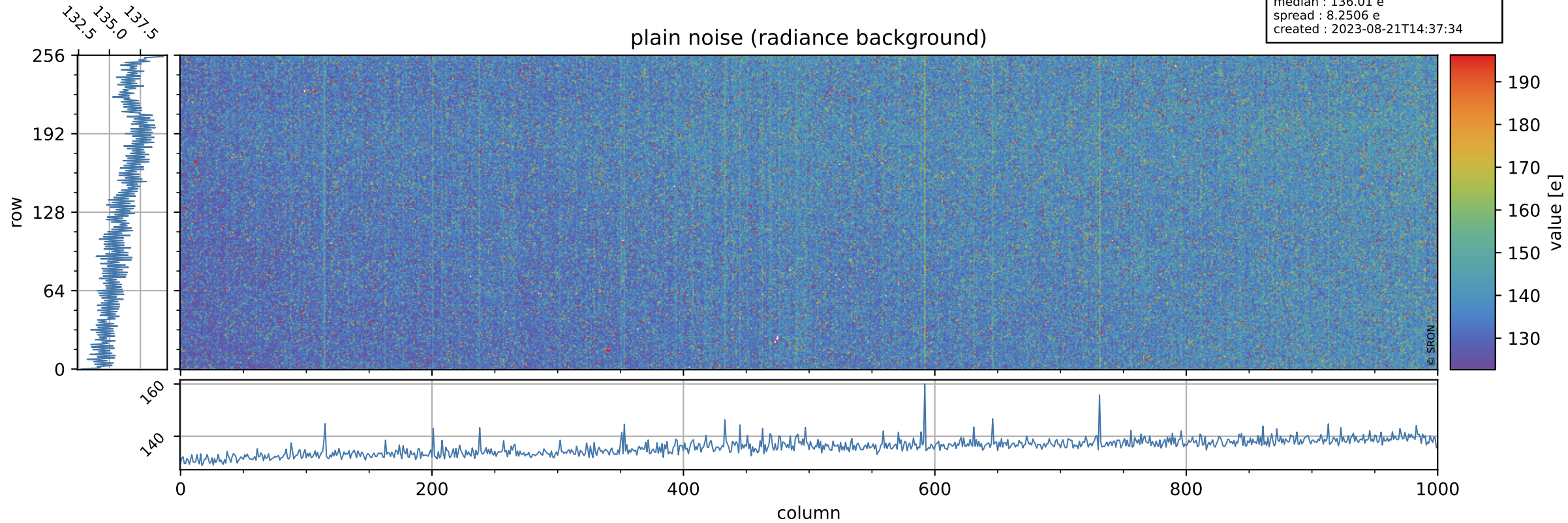
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2506 e
created : 2023-08-21T14:37:34

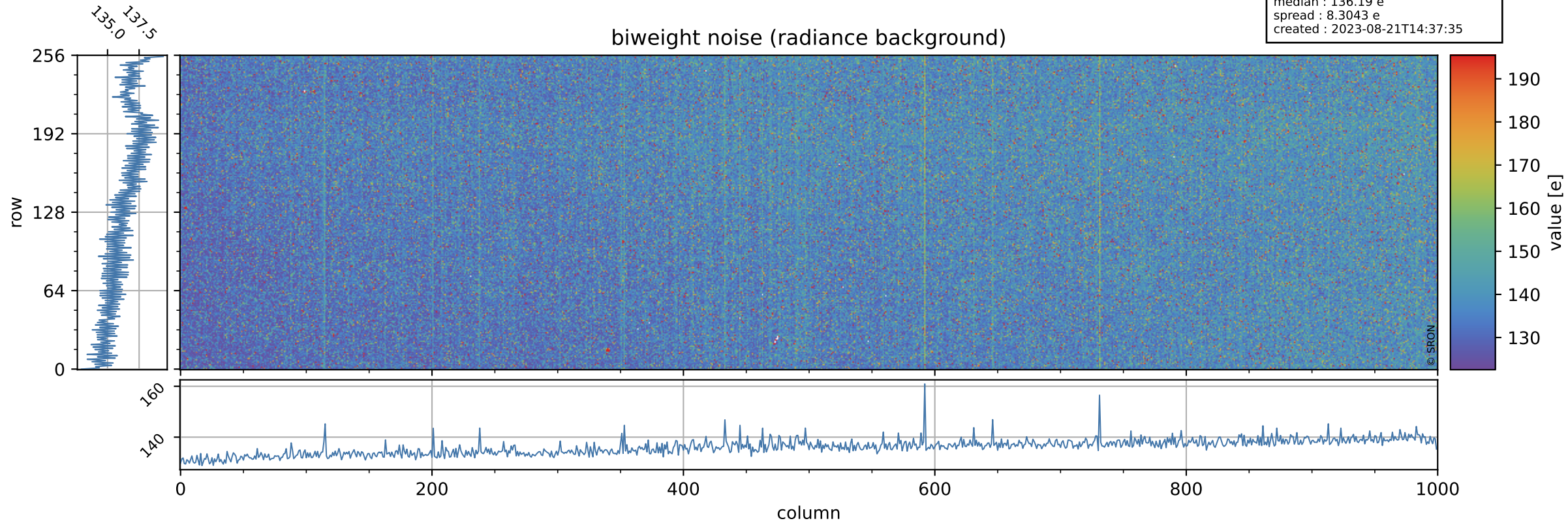
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3043 e
created : 2023-08-21T14:37:35

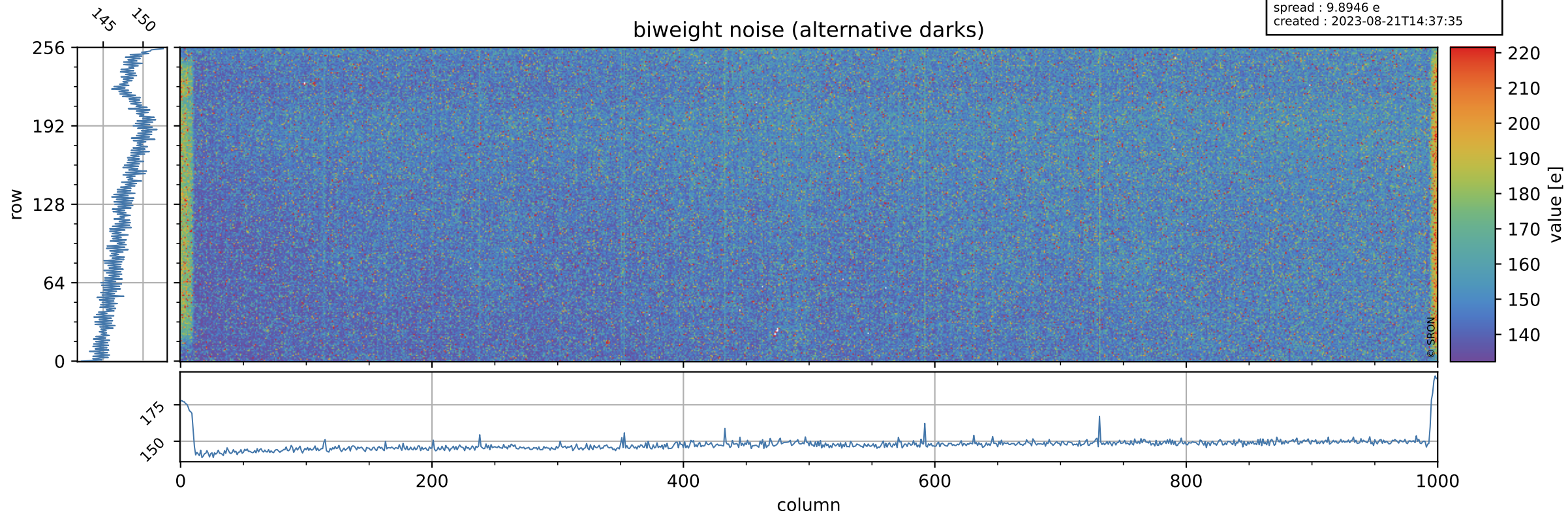
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8946 e
created : 2023-08-21T14:37:35

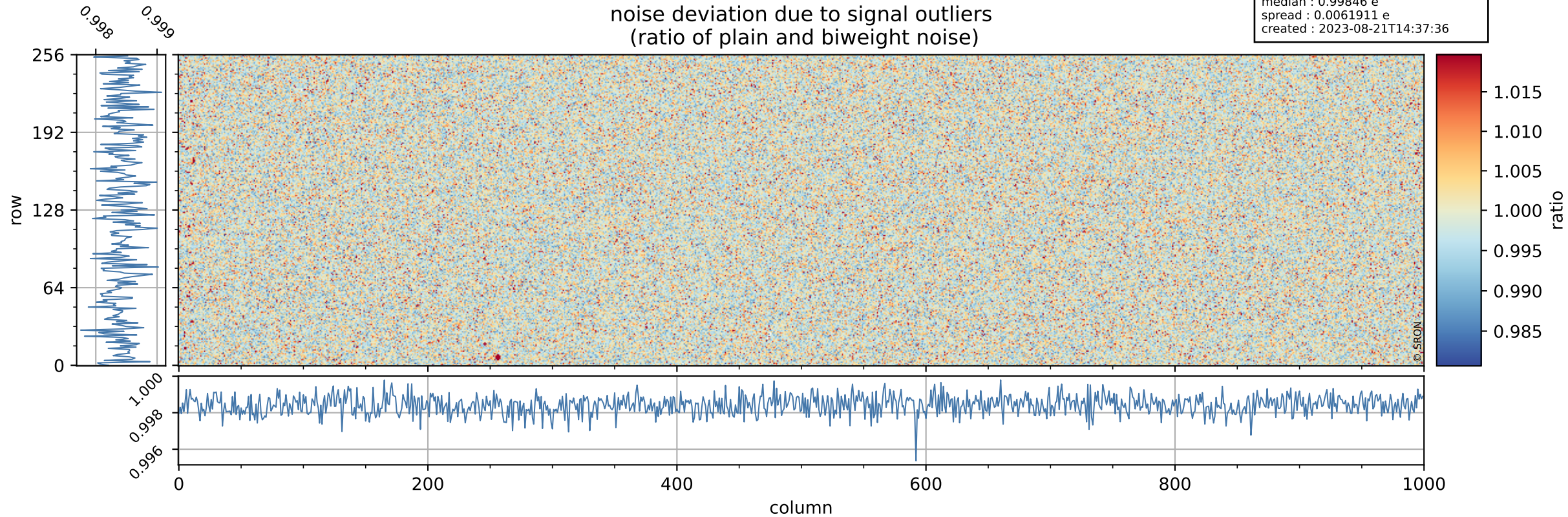
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

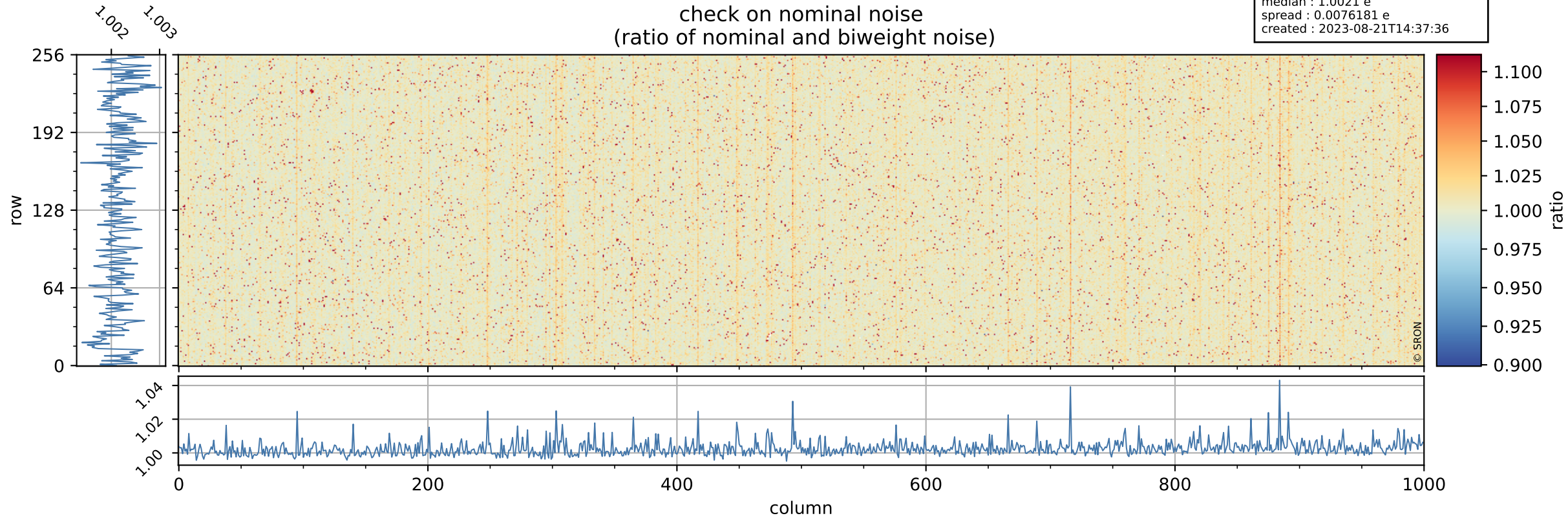
orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
median : 0.99846 e
spread : 0.0061911 e
created : 2023-08-21T14:37:36



Tropomi SWIR background noise (swir)

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

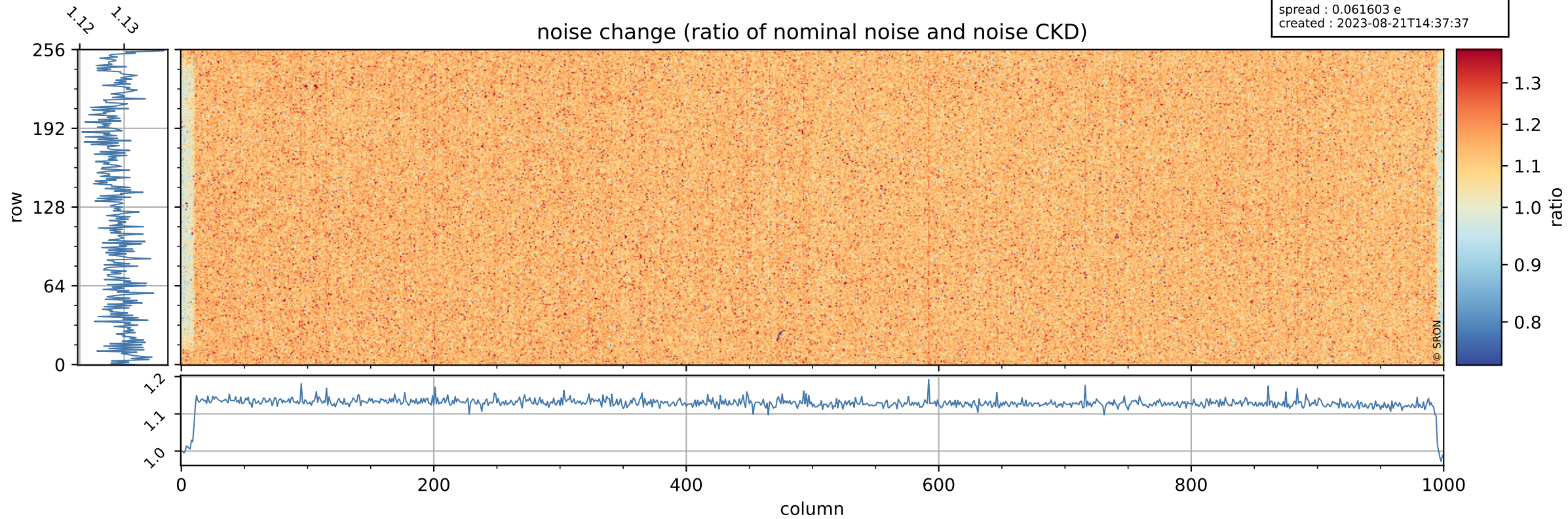
orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
median : 1.0021 e
spread : 0.0076181 e
created : 2023-08-21T14:37:36



Tropomi SWIR background noise (swir)

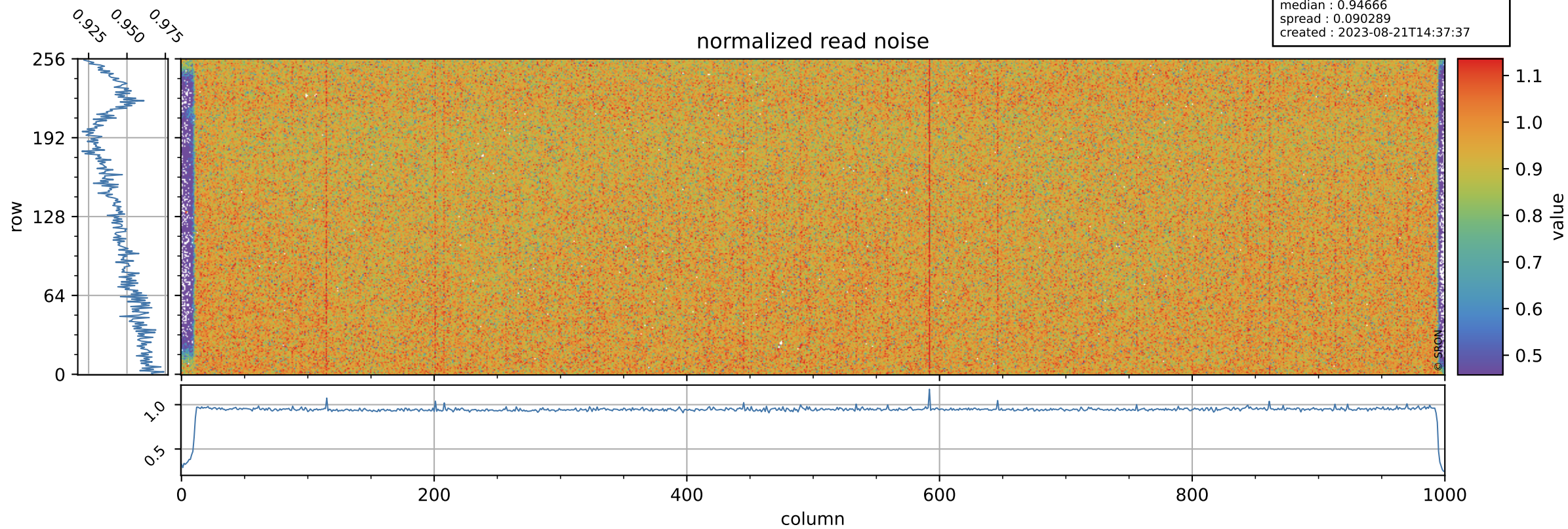
orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
median : 1.1281 e
spread : 0.061603 e
created : 2023-08-21T14:37:37

noise change (ratio of nominal noise and noise CKD)



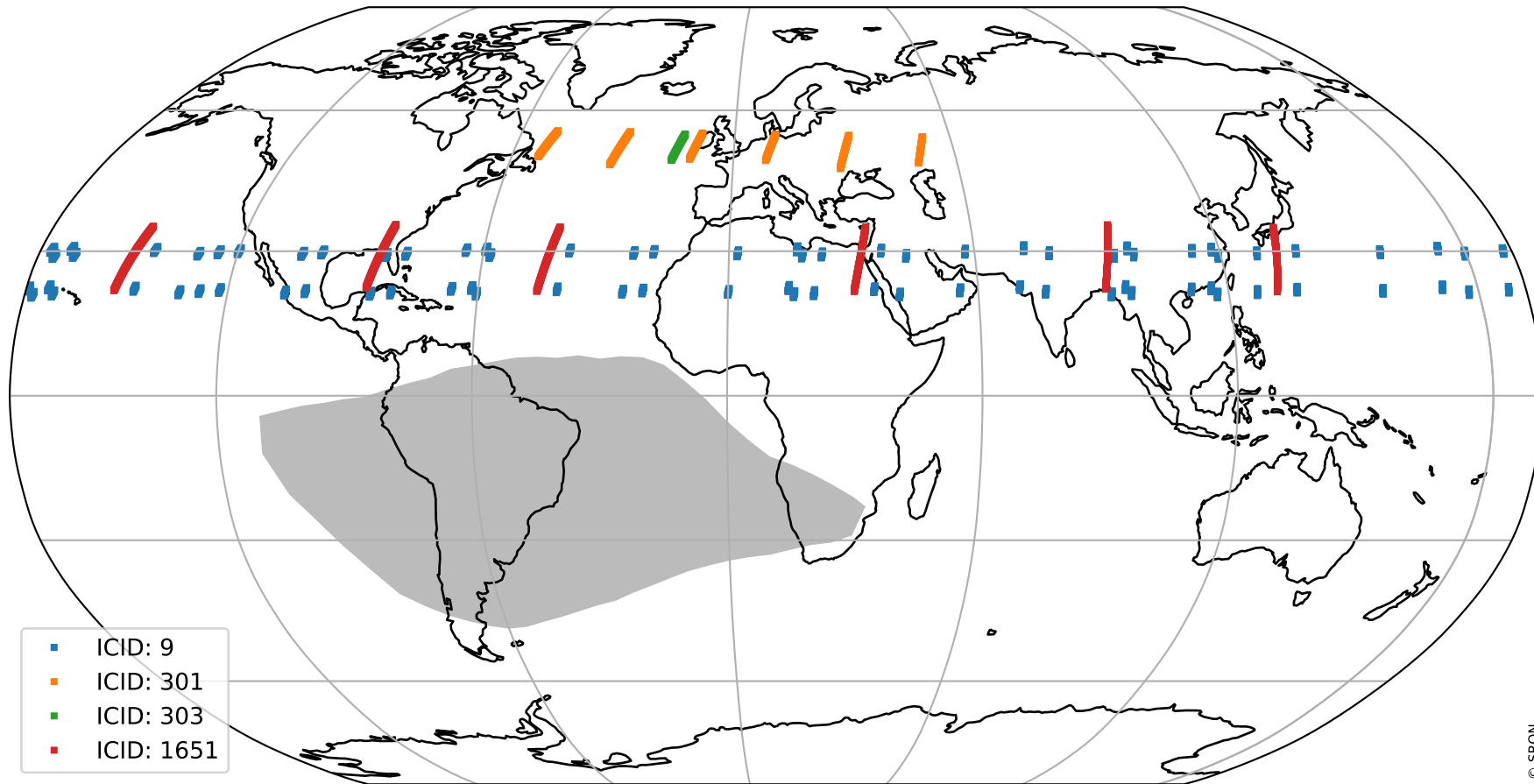
Tropomi SWIR background noise (swir)

orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
median : 0.94666
spread : 0.090289
created : 2023-08-21T14:37:37



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

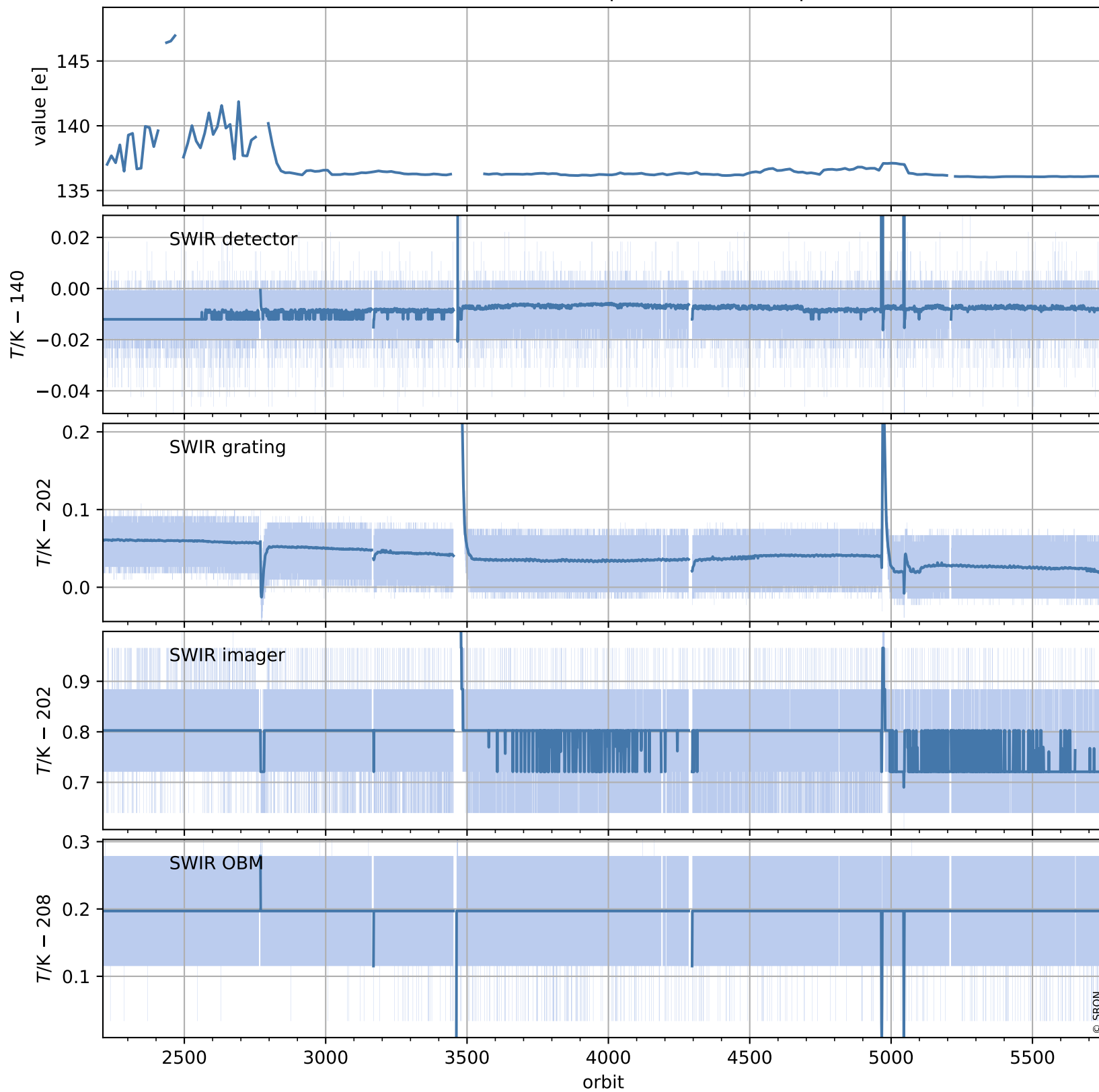
orbits : 13 in [5662, 5752]
coverage : 2018-11-16 / 2018-11-22
created : 2023-08-21T14:37:38



Tropomi SWIR background noise (swir)

orbits : [2212, 5752]
coverage : 2018-03-18 / 2018-11-22
created : 2023-08-21T14:37:38

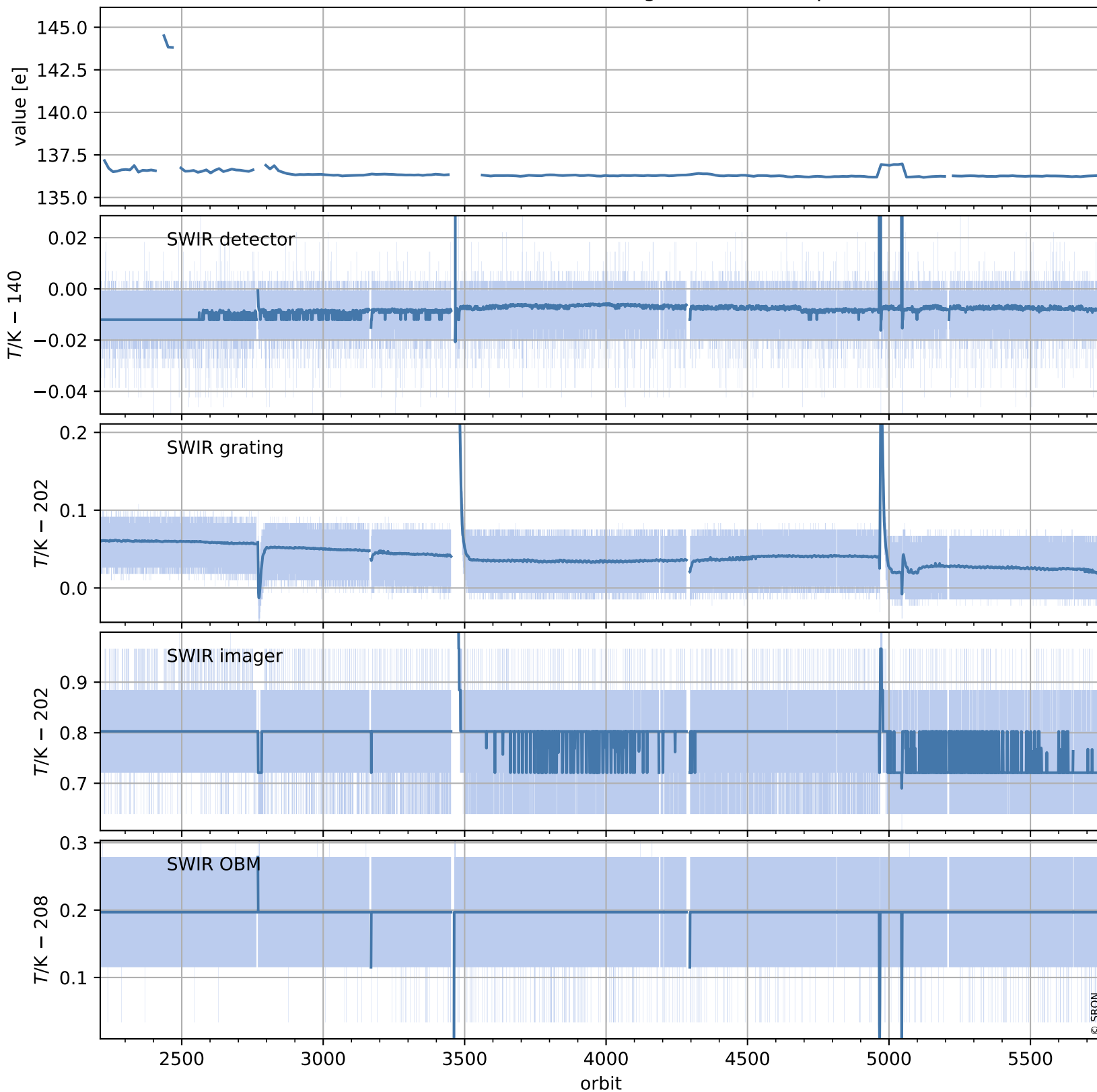
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5752]
coverage : 2018-03-18 / 2018-11-22
created : 2023-08-21T14:37:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5752]
coverage : 2018-03-18 / 2018-11-22
created : 2023-08-21T14:37:40

trend of normalized read-noise & temperatures

