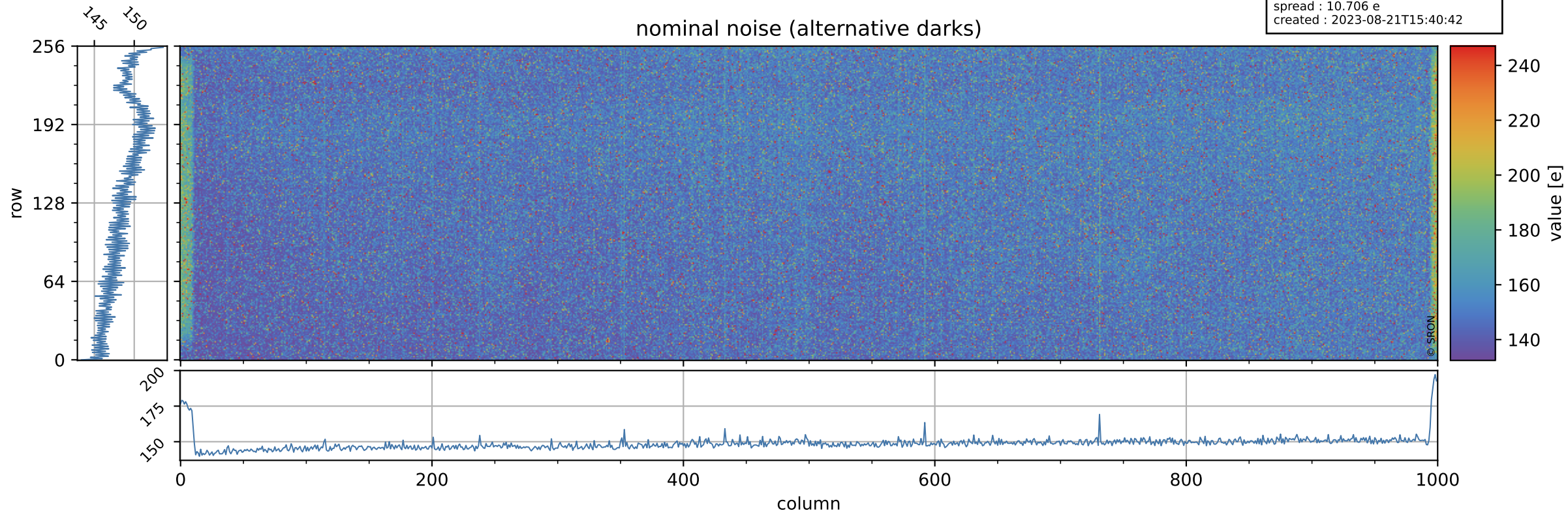


Tropomi SWIR background noise (swir)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
n_coad, t_exp : 1, 1.0783
median : 148.51 e
spread : 10.706 e
created : 2023-08-21T15:40:42

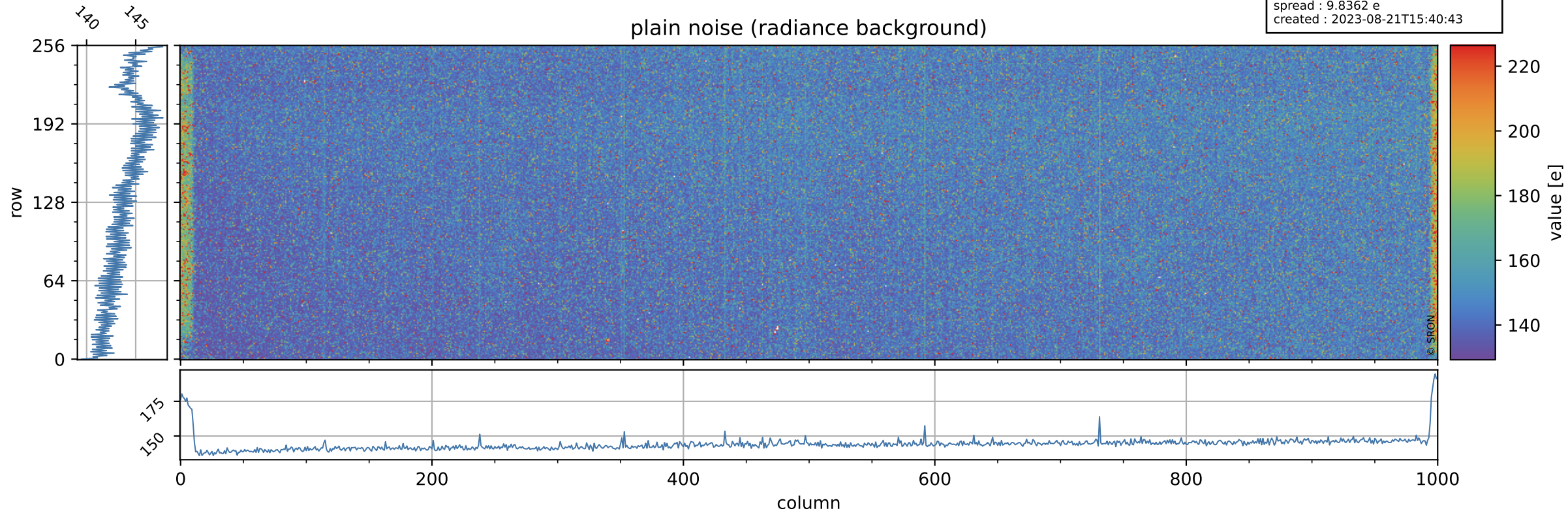
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8362 e
created : 2023-08-21T15:40:43

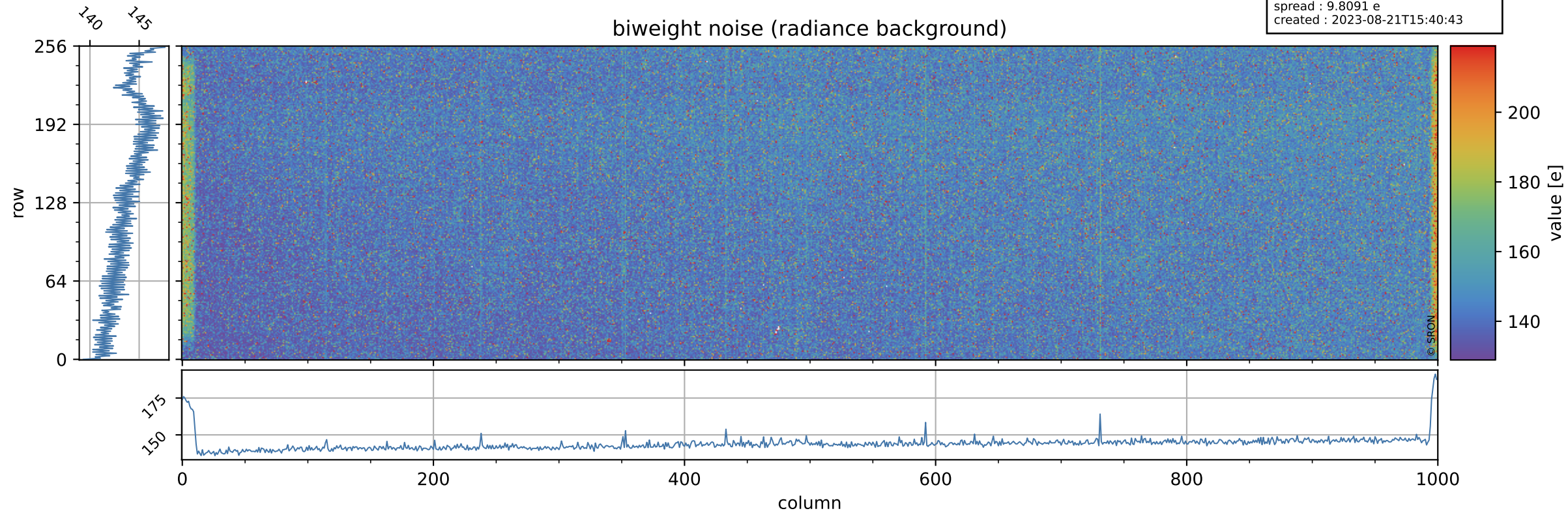
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8091 e
created : 2023-08-21T15:40:43

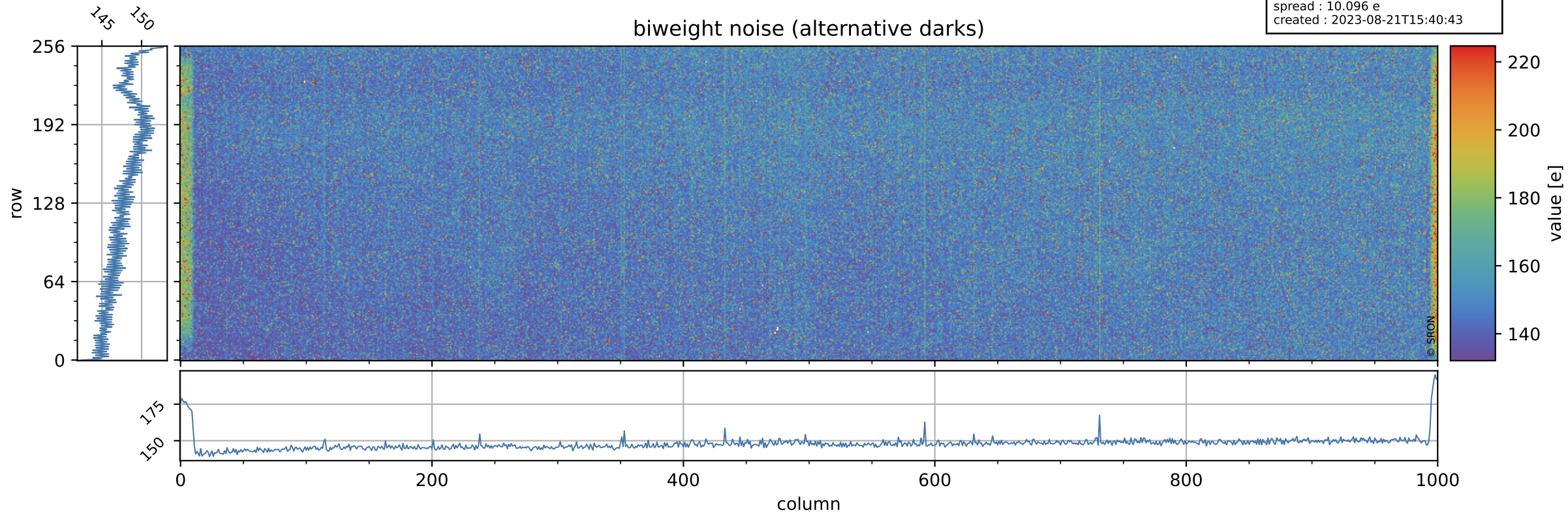
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.096 e
created : 2023-08-21T15:40:43

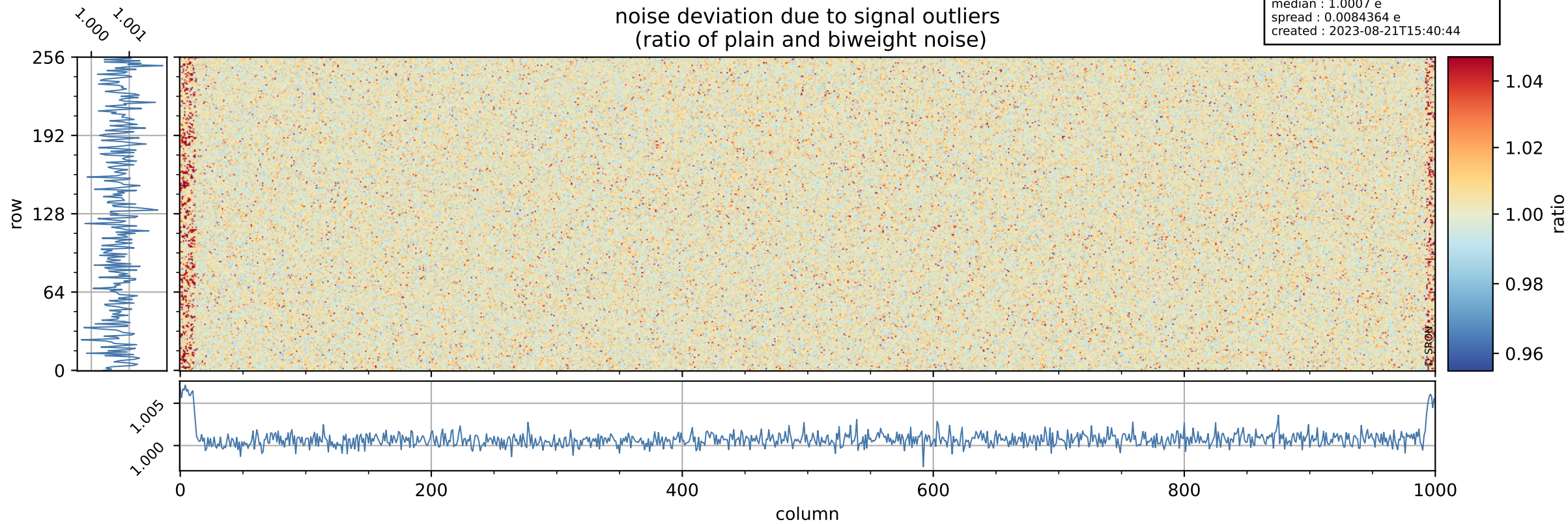
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

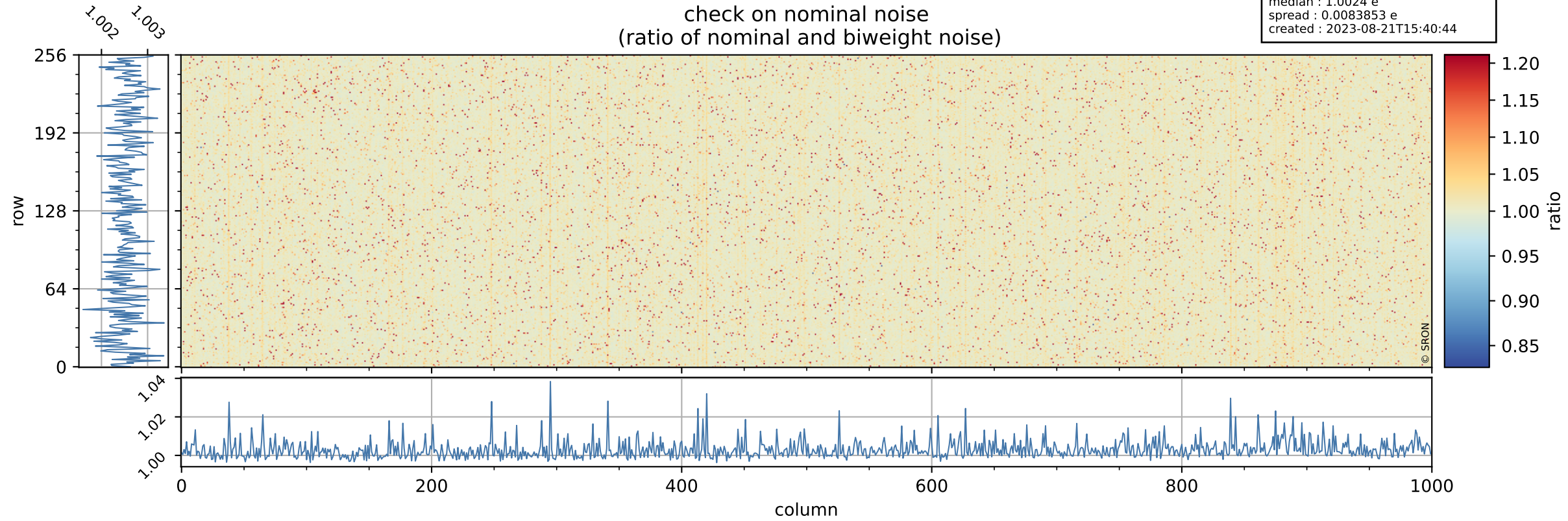
orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
median : 1.0007 e
spread : 0.0084364 e
created : 2023-08-21T15:40:44



Tropomi SWIR background noise (swir)

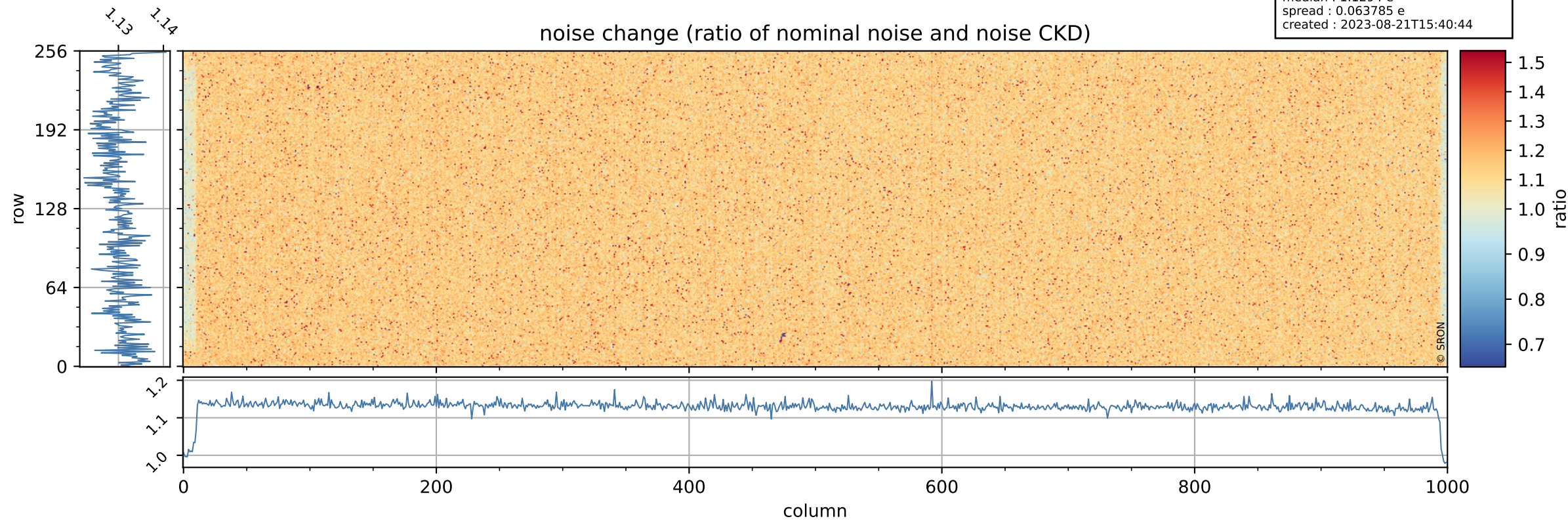
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
median : 1.0024 e
spread : 0.0083853 e
created : 2023-08-21T15:40:44



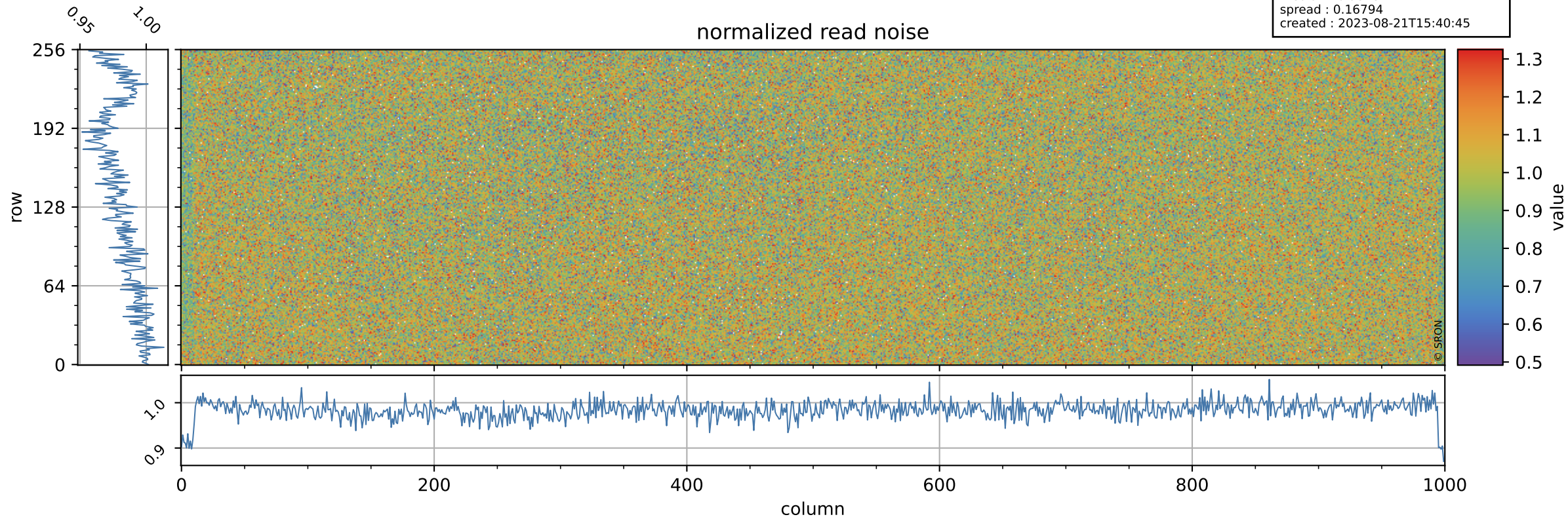
Tropomi SWIR background noise (swir)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
median : 1.1294 e
spread : 0.063785 e
created : 2023-08-21T15:40:44



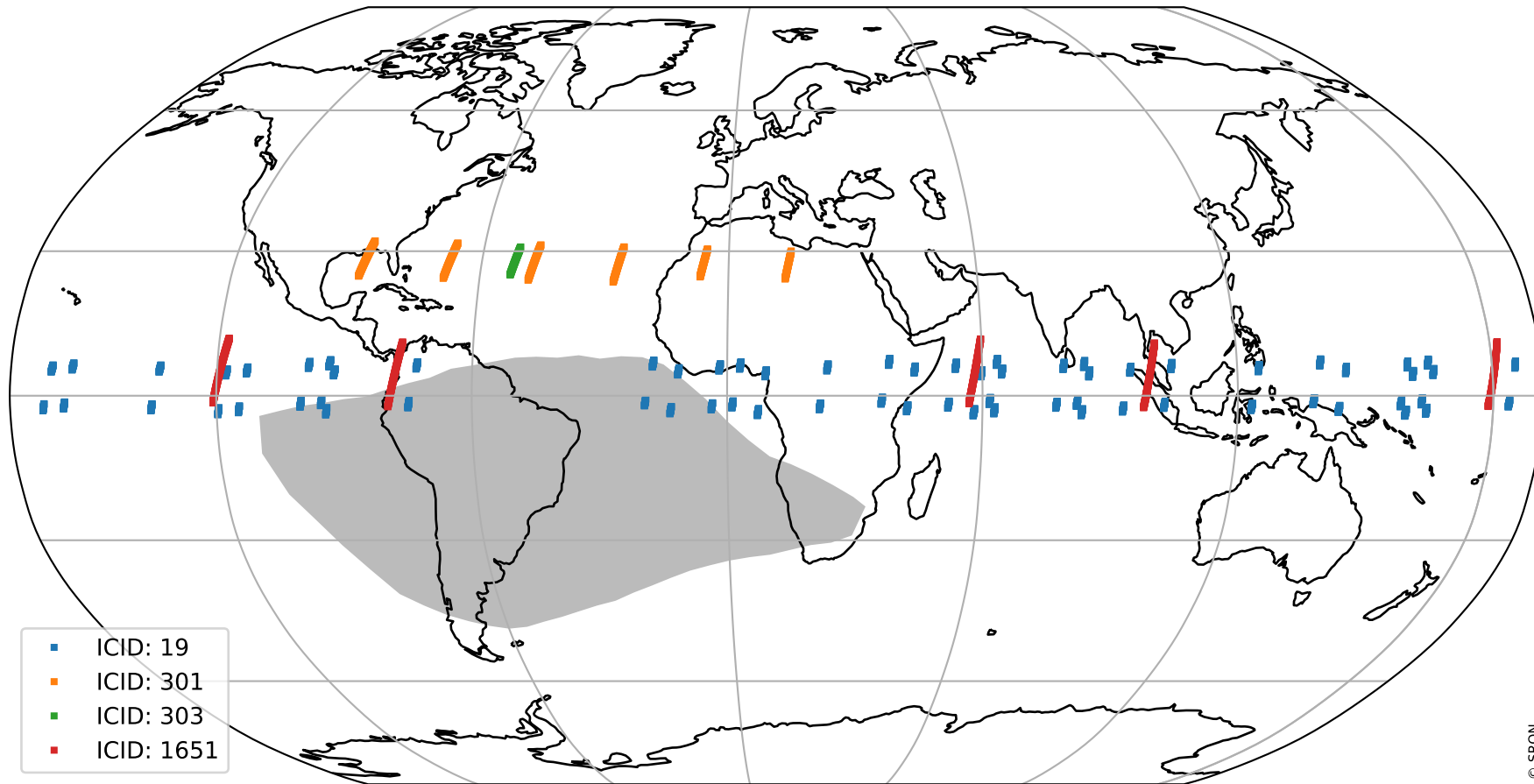
Tropomi SWIR background noise (swir)

orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
median : 0.98181
spread : 0.16794
created : 2023-08-21T15:40:45



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

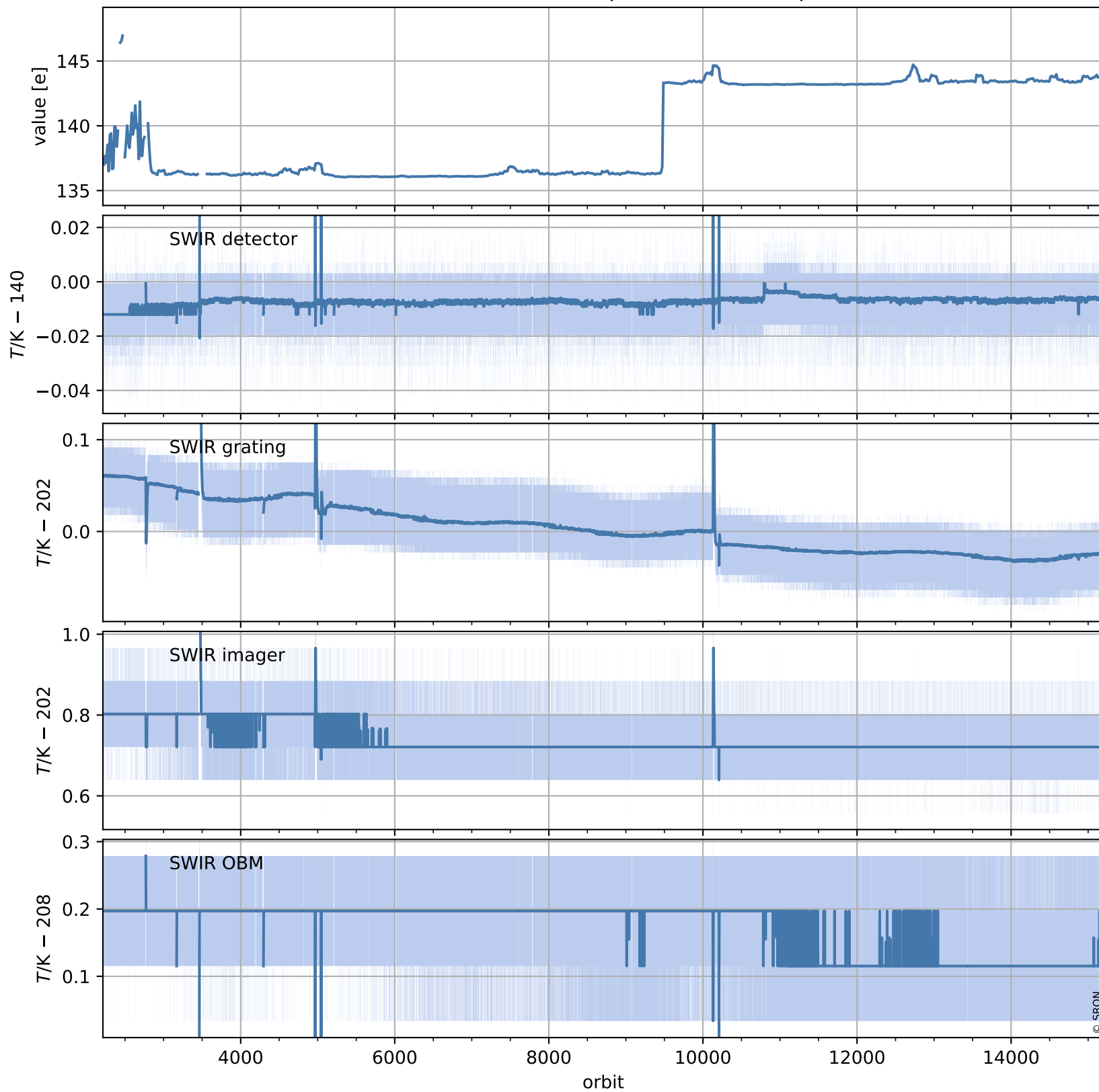
orbits : 12 in [15112, 15202]
coverage : 2020-09-12 / 2020-09-18
created : 2023-08-21T15:40:45



Tropomi SWIR background noise (swir)

orbits : [2212, 15202]
coverage : 2018-03-18 / 2020-09-18
created : 2023-08-21T15:40:45

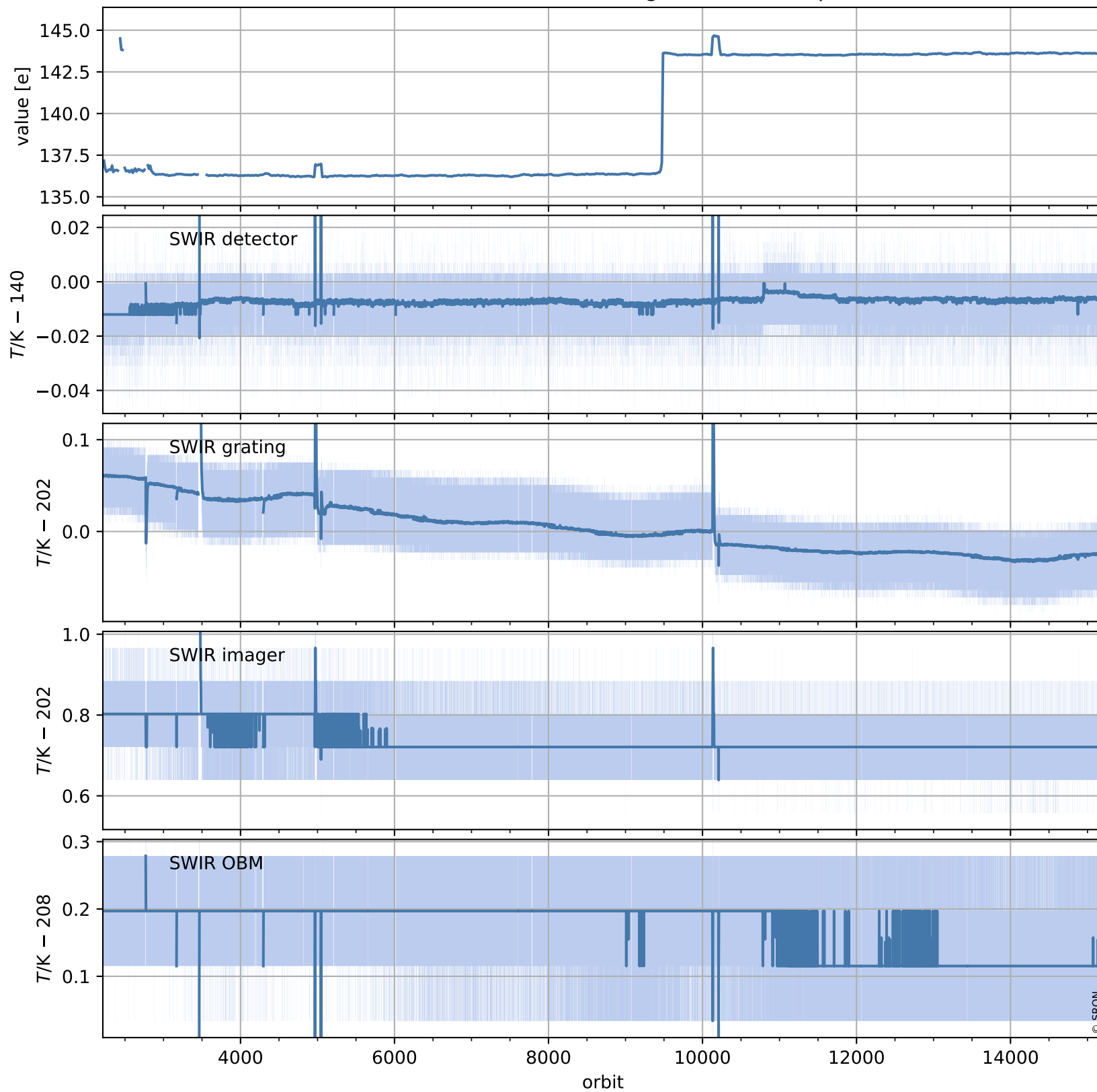
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15202]
coverage : 2018-03-18 / 2020-09-18
created : 2023-08-21T15:40:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15202]
coverage : 2018-03-18 / 2020-09-18
created : 2023-08-21T15:40:47

trend of normalized read-noise & temperatures

