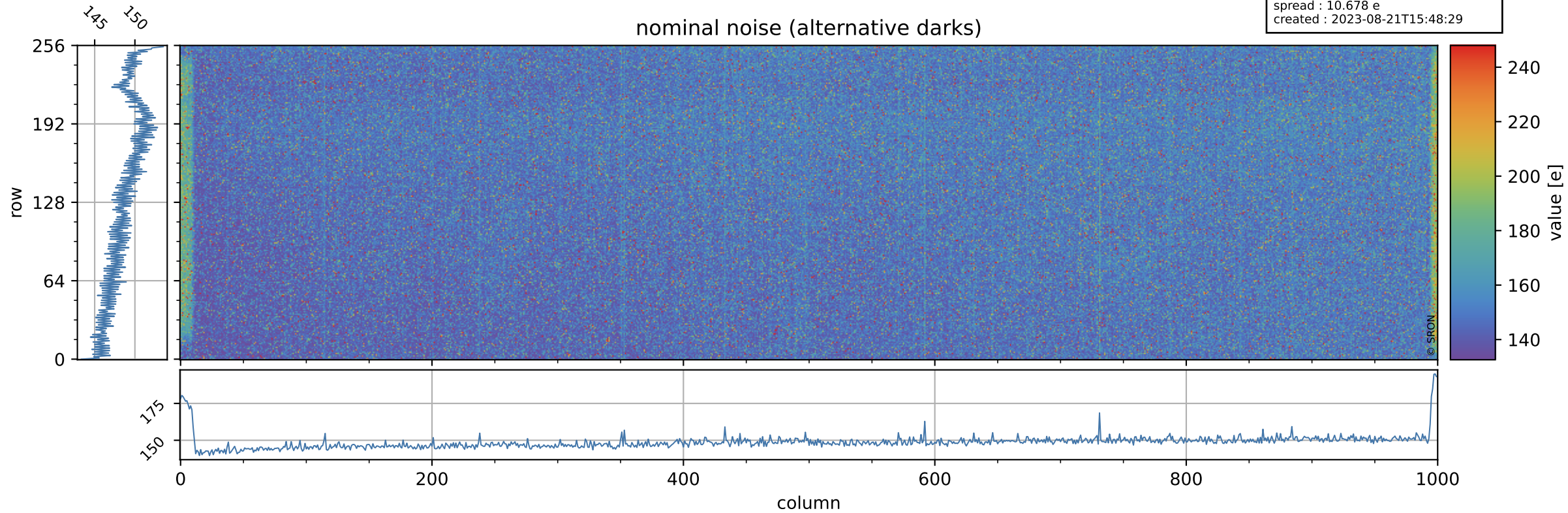


Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.678 e
created : 2023-08-21T15:48:29

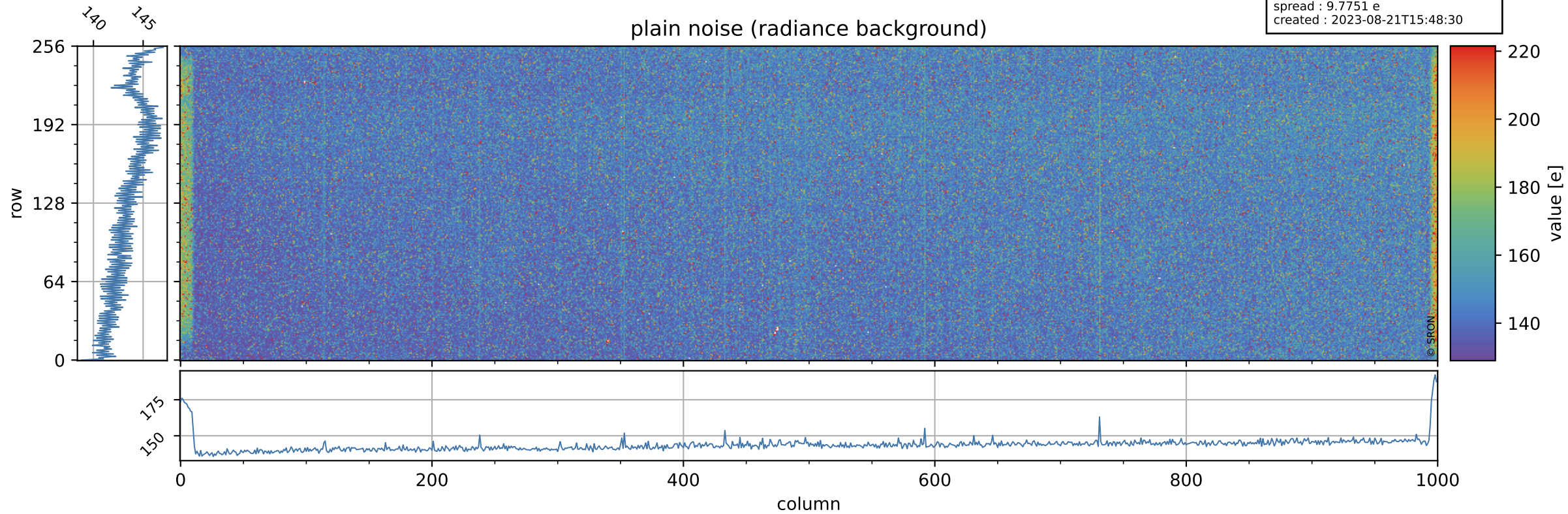
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7751 e
created : 2023-08-21T15:48:30

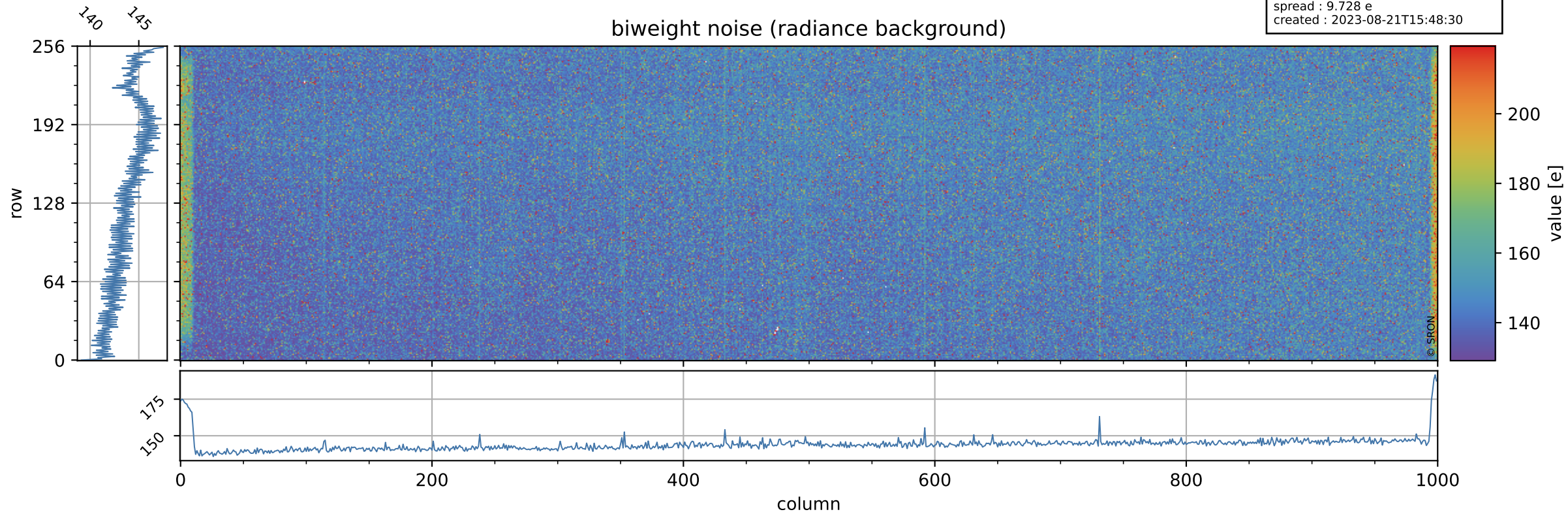
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.728 e
created : 2023-08-21T15:48:30

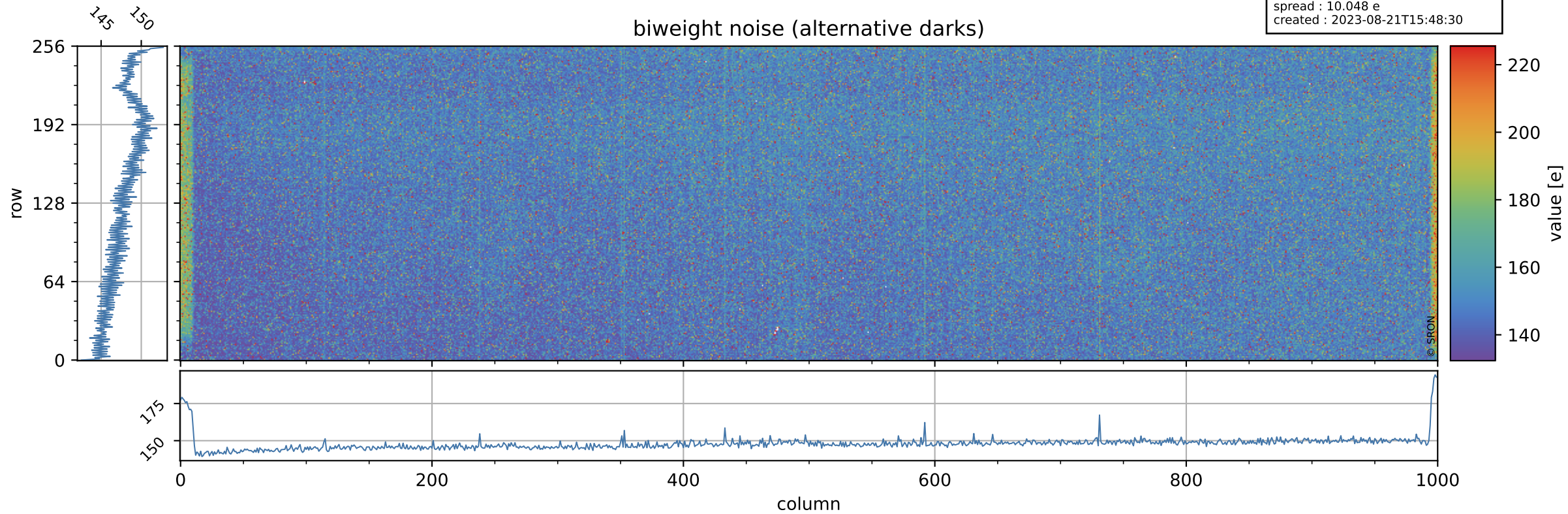
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.048 e
created : 2023-08-21T15:48:30

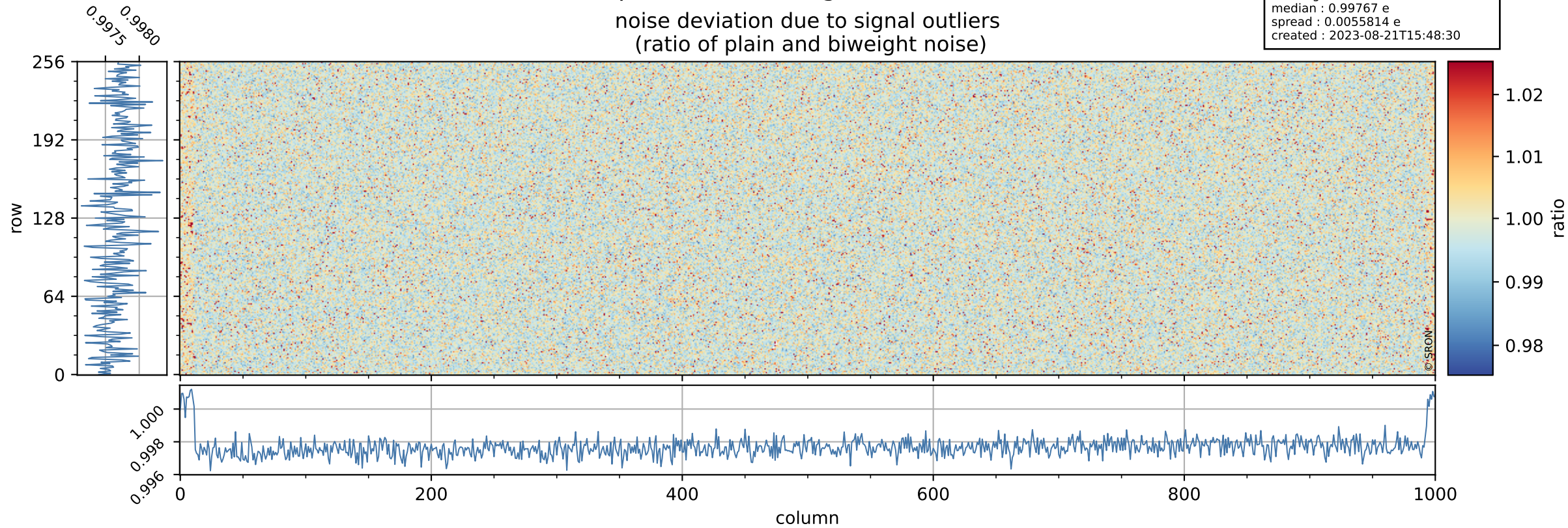
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

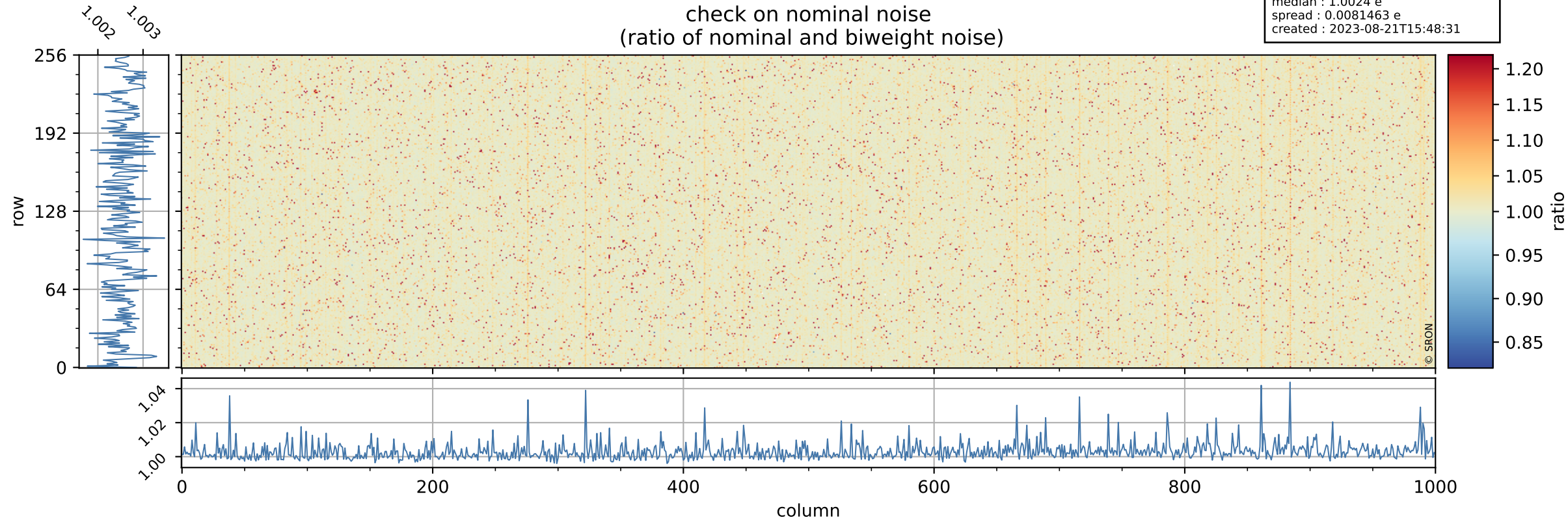
orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
median : 0.99767 e
spread : 0.0055814 e
created : 2023-08-21T15:48:30



Tropomi SWIR background noise (swir)

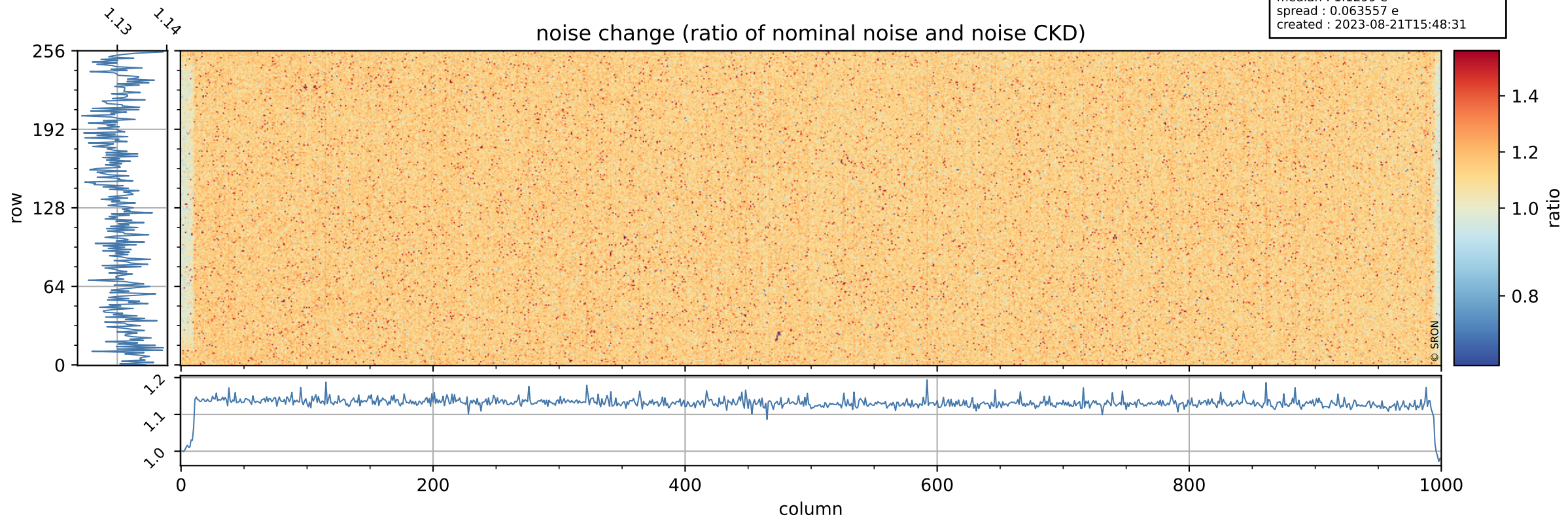
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
median : 1.0024 e
spread : 0.0081463 e
created : 2023-08-21T15:48:31



Tropomi SWIR background noise (swir)

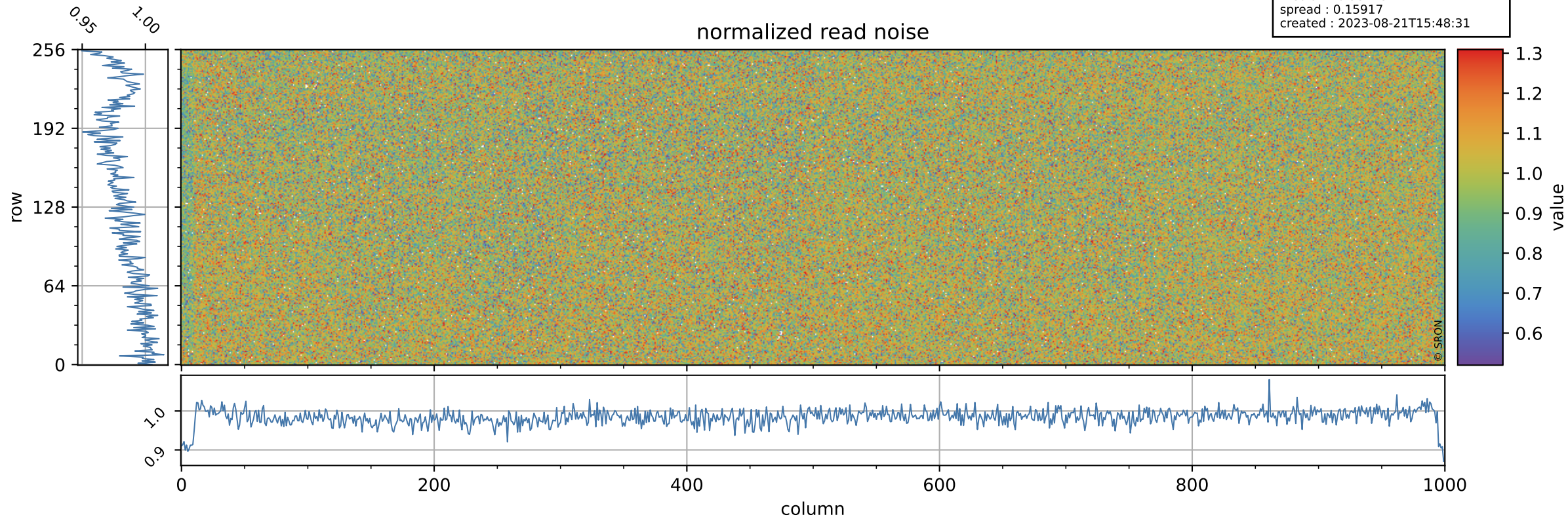
orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
median : 1.1299 e
spread : 0.063557 e
created : 2023-08-21T15:48:31



Tropomi SWIR background noise (swir)

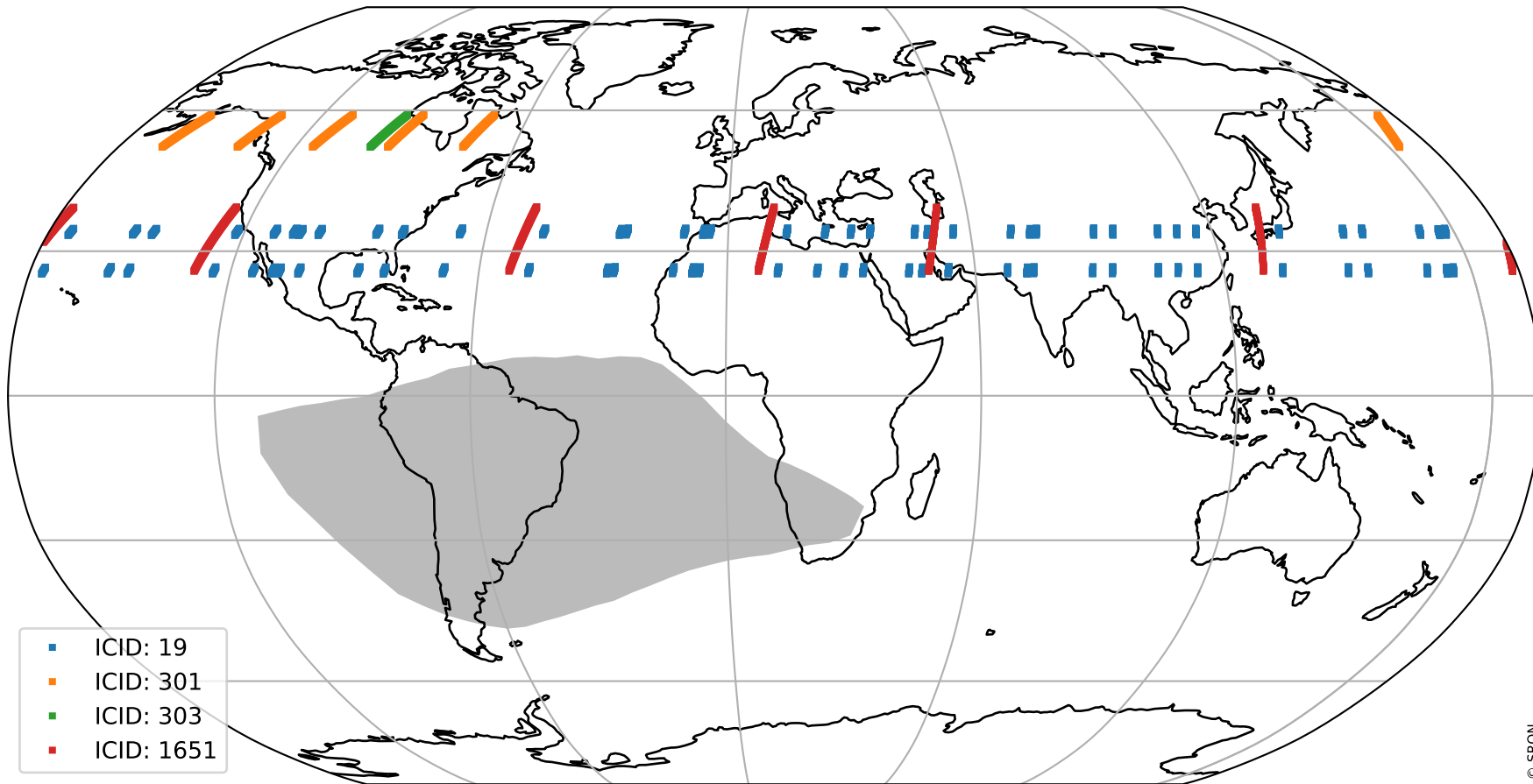
orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
median : 0.98278
spread : 0.15917
created : 2023-08-21T15:48:31

normalized read noise



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

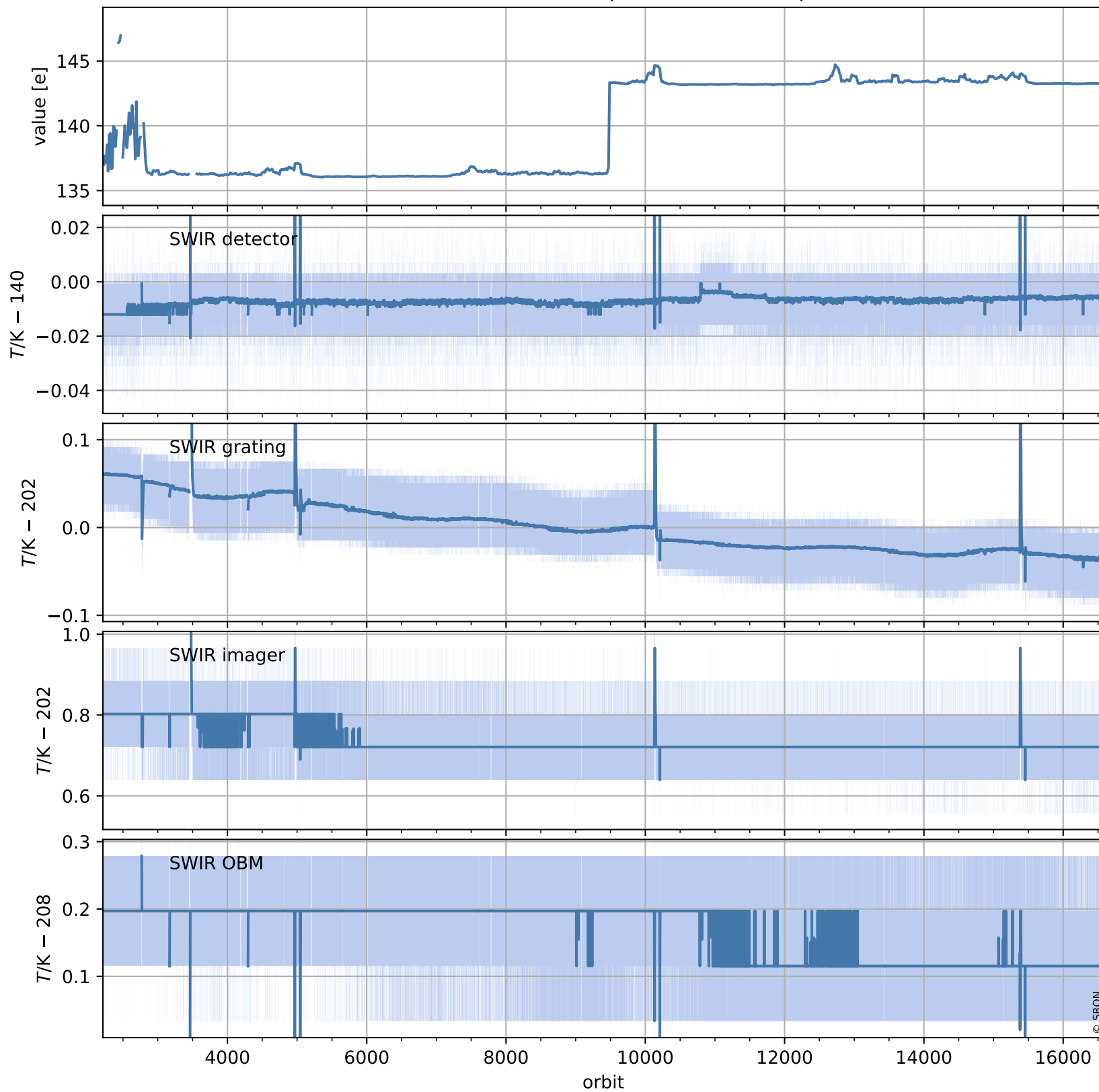
orbits : 13 in [16507, 16582]
coverage : 2020-12-19 / 2020-12-24
created : 2023-08-21T15:48:32



Tropomi SWIR background noise (swir)

orbits : [2212, 16582]
coverage : 2018-03-18 / 2020-12-24
created : 2023-08-21T15:48:32

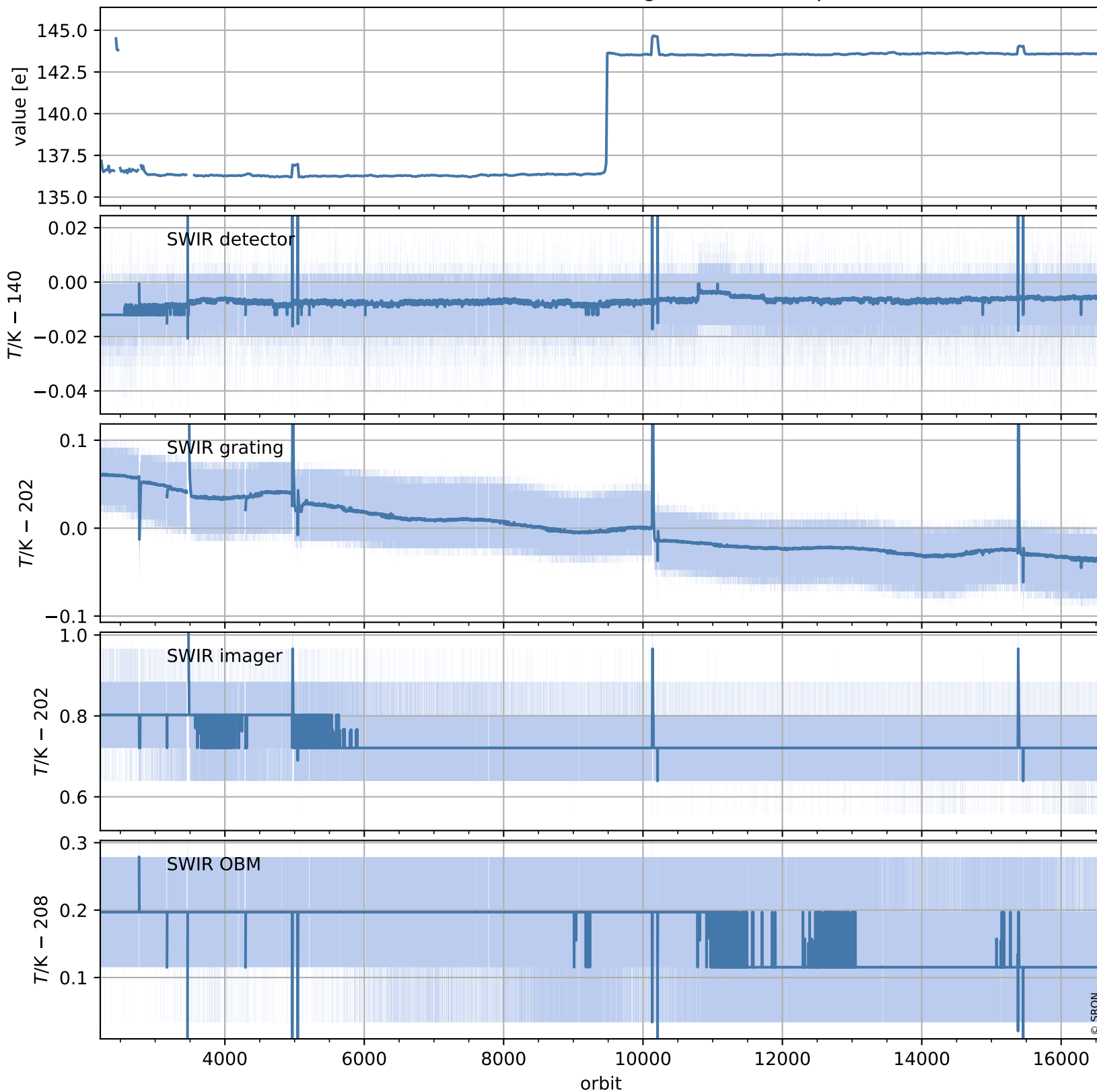
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16582]
coverage : 2018-03-18 / 2020-12-24
created : 2023-08-21T15:48:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16582]
coverage : 2018-03-18 / 2020-12-24
created : 2023-08-21T15:48:33

trend of normalized read-noise & temperatures

