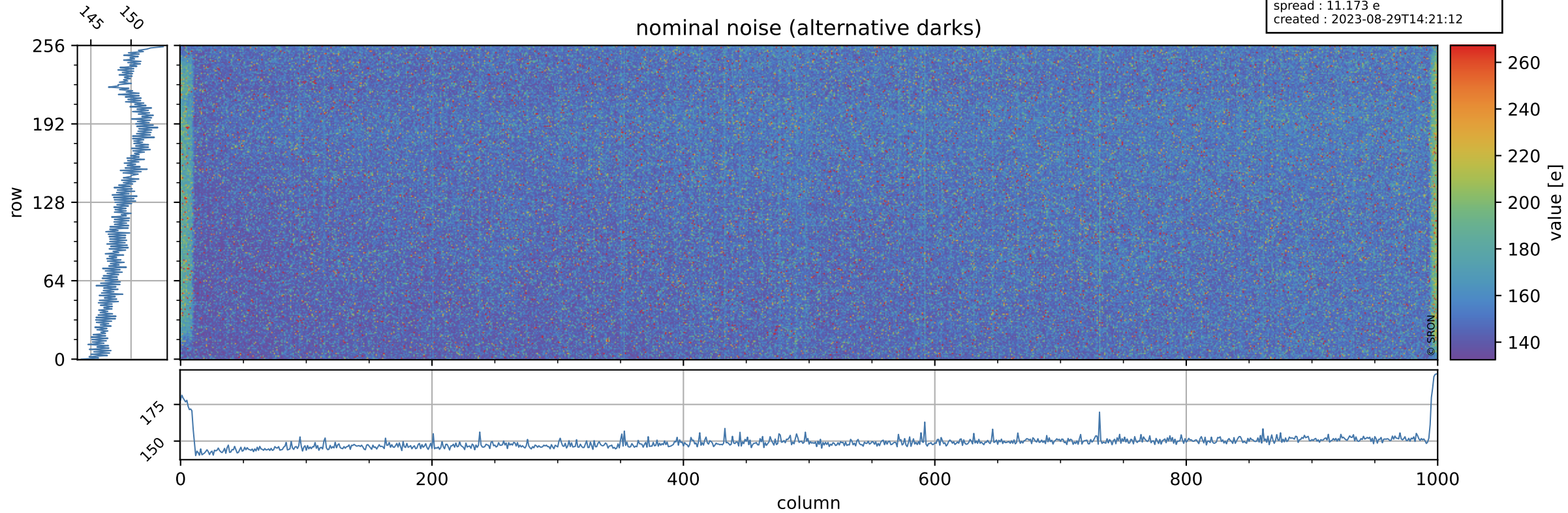


Tropomi SWIR background noise (swir)

orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
n_coad, t_exp : 1, 1.0783
median : 148.95 e
spread : 11.173 e
created : 2023-08-29T14:21:12

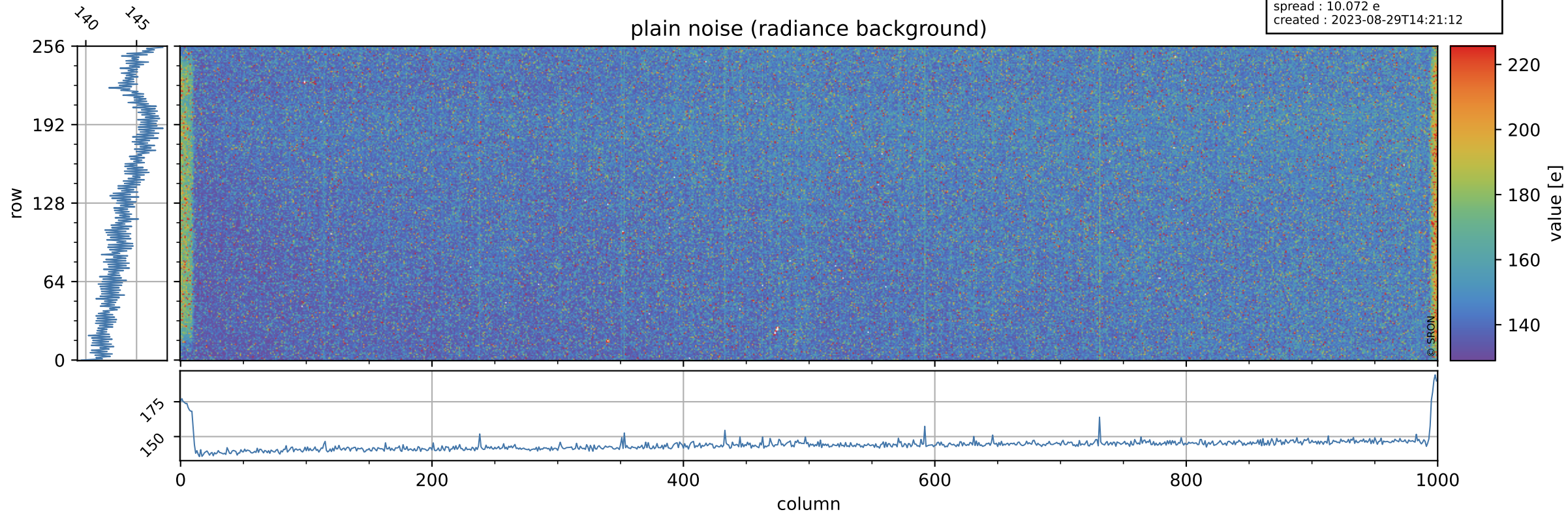
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.072 e
created : 2023-08-29T14:21:12

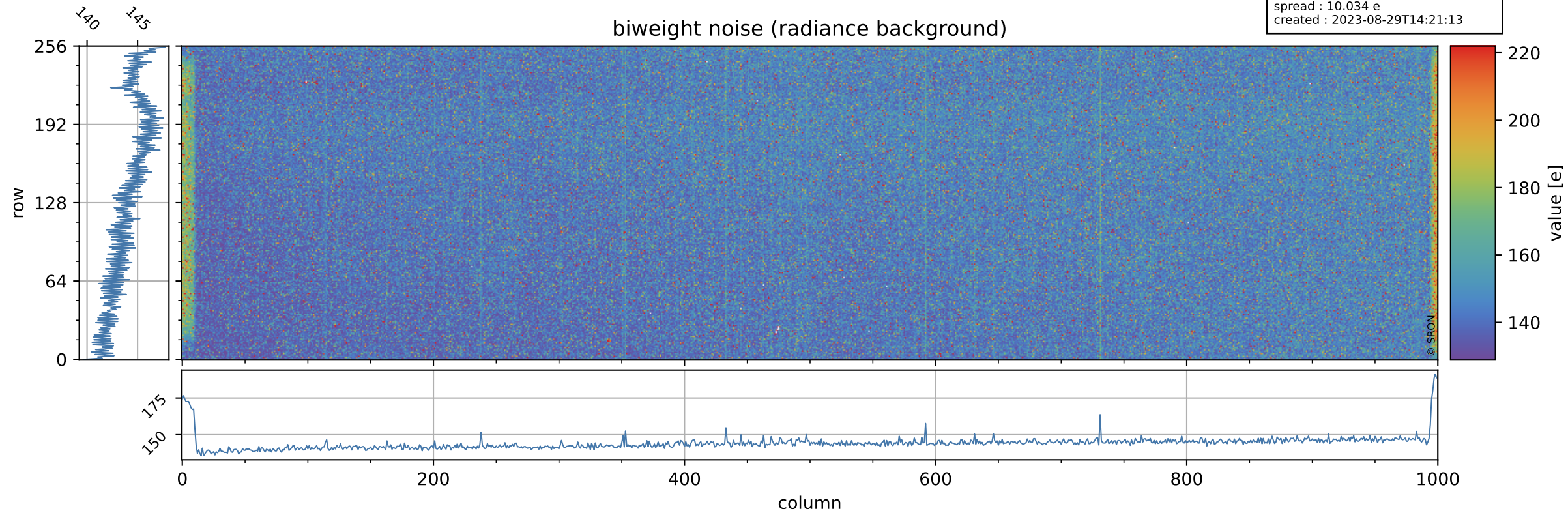
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
n_coad, t_exp : 1, 0.8383
median : 143.97 e
spread : 10.034 e
created : 2023-08-29T14:21:13

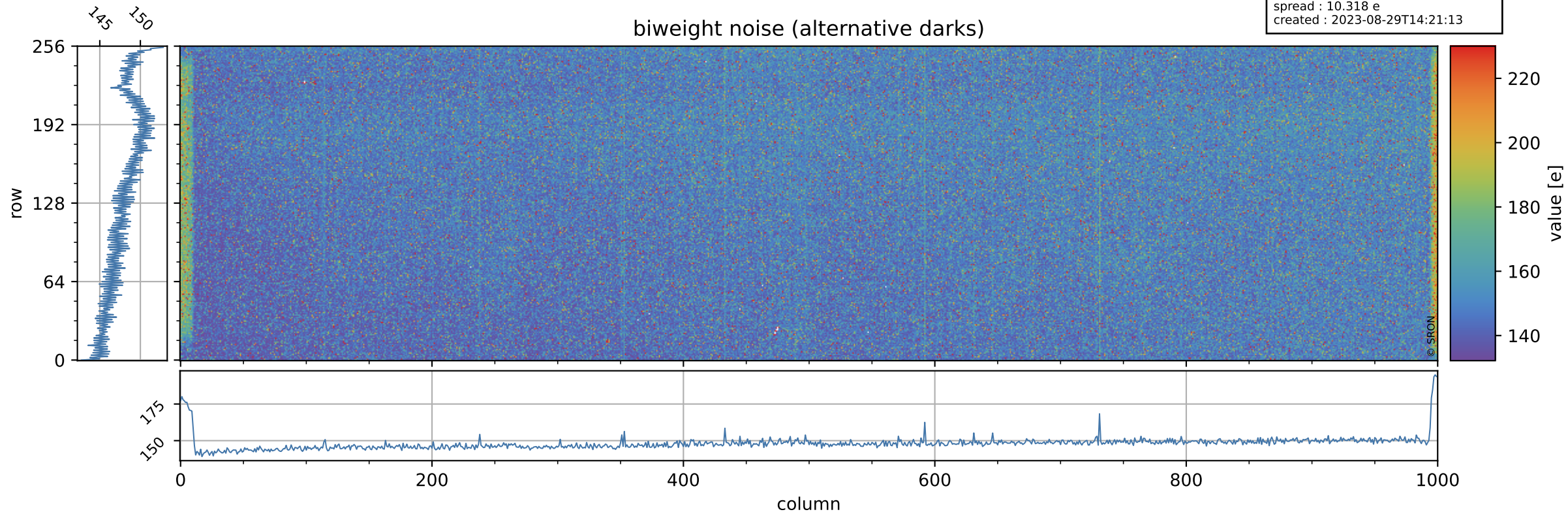
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
n_coad, t_exp : 1, 1.0783
median : 147.87 e
spread : 10.318 e
created : 2023-08-29T14:21:13

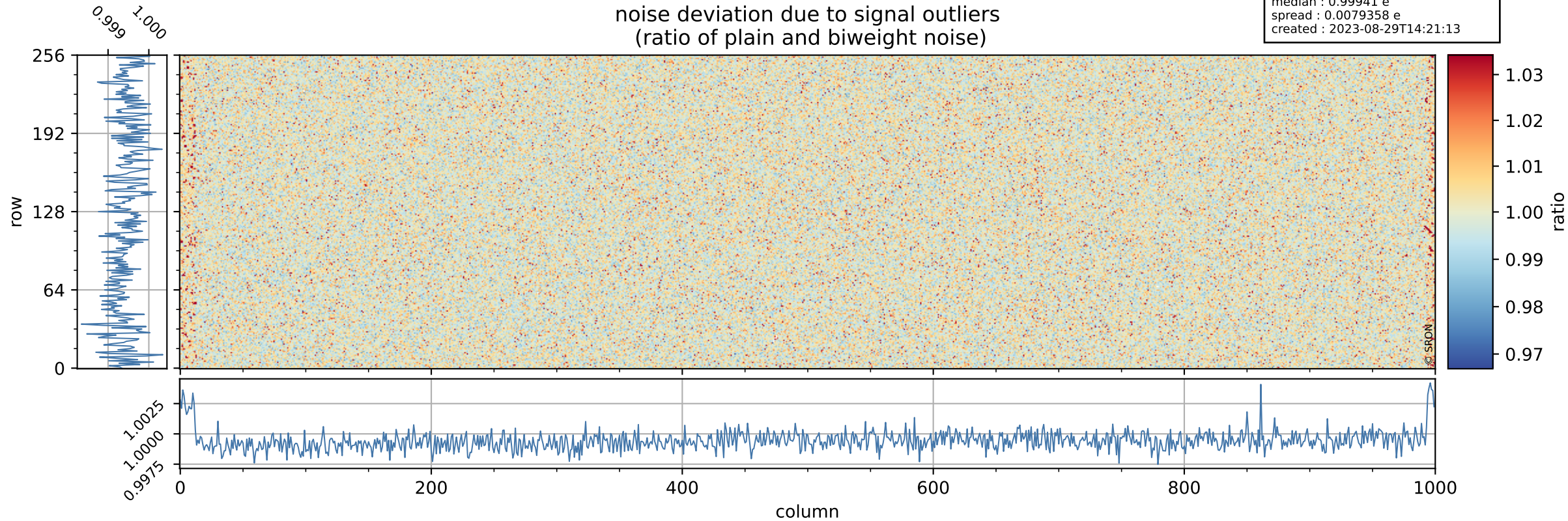
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

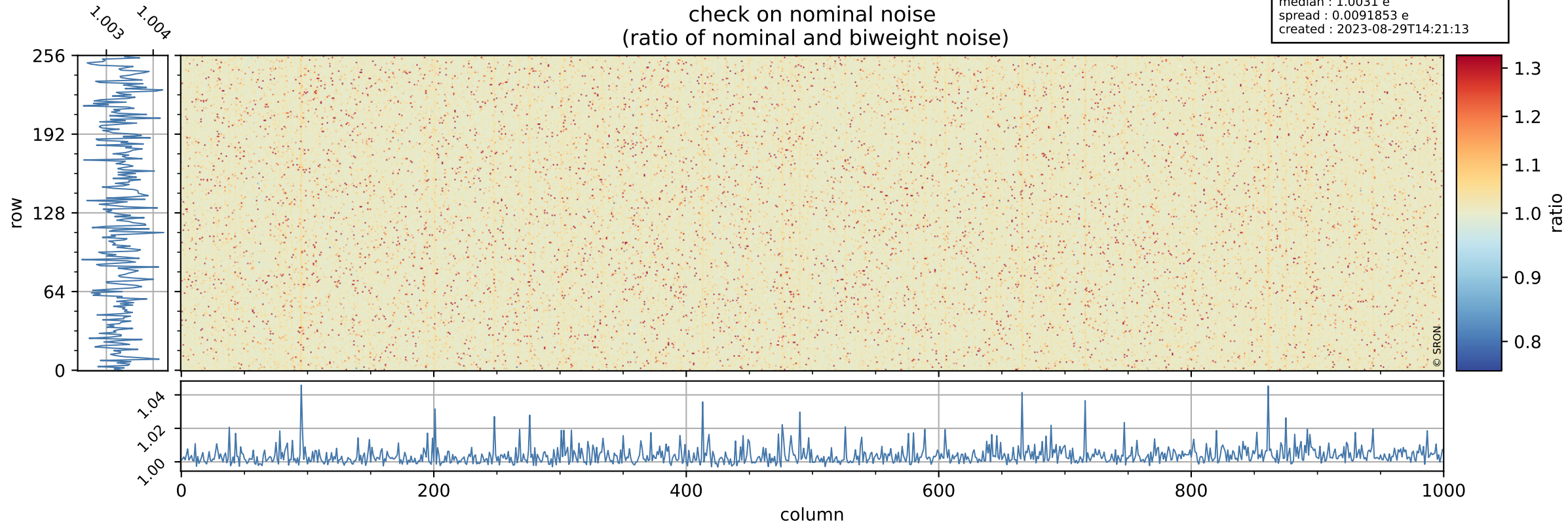
orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
median : 0.99941 e
spread : 0.0079358 e
created : 2023-08-29T14:21:13



Tropomi SWIR background noise (swir)

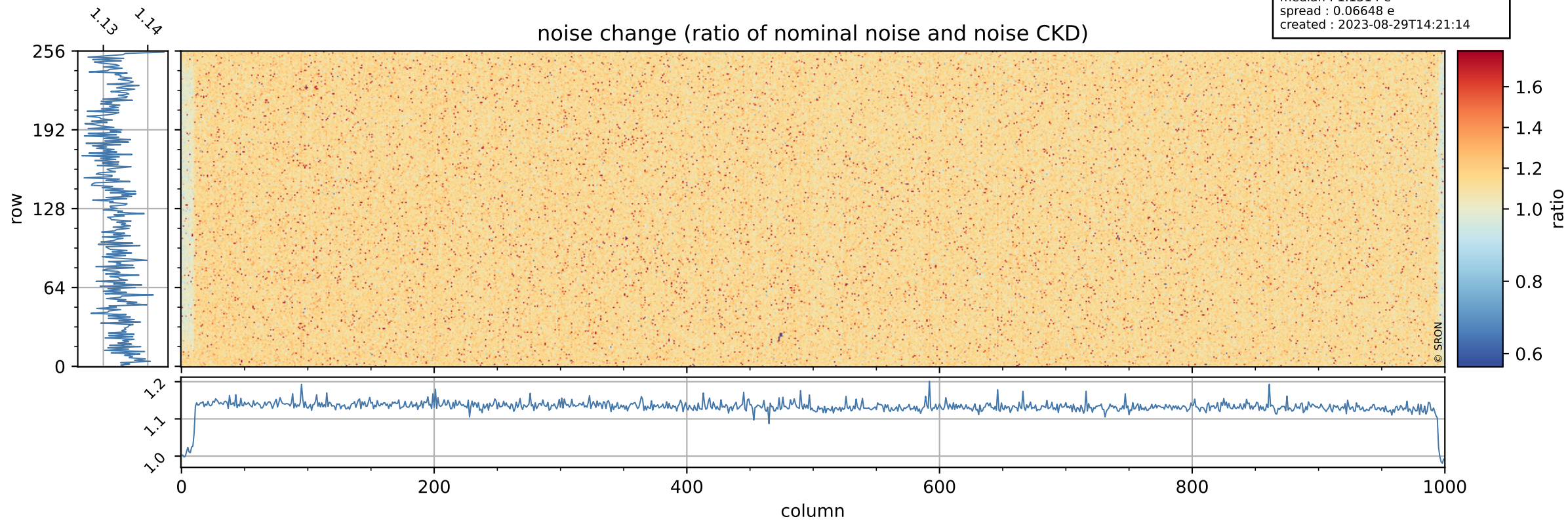
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
median : 1.0031 e
spread : 0.0091853 e
created : 2023-08-29T14:21:13



Tropomi SWIR background noise (swir)

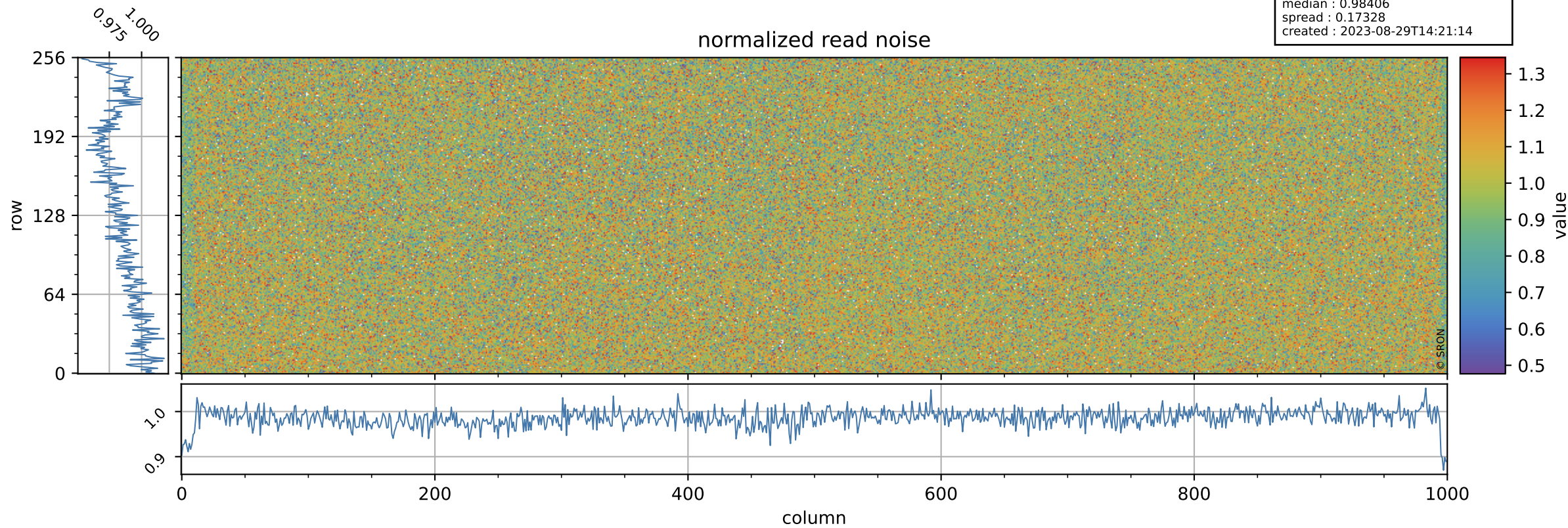
orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
median : 1.1314 e
spread : 0.06648 e
created : 2023-08-29T14:21:14



Tropomi SWIR background noise (swir)

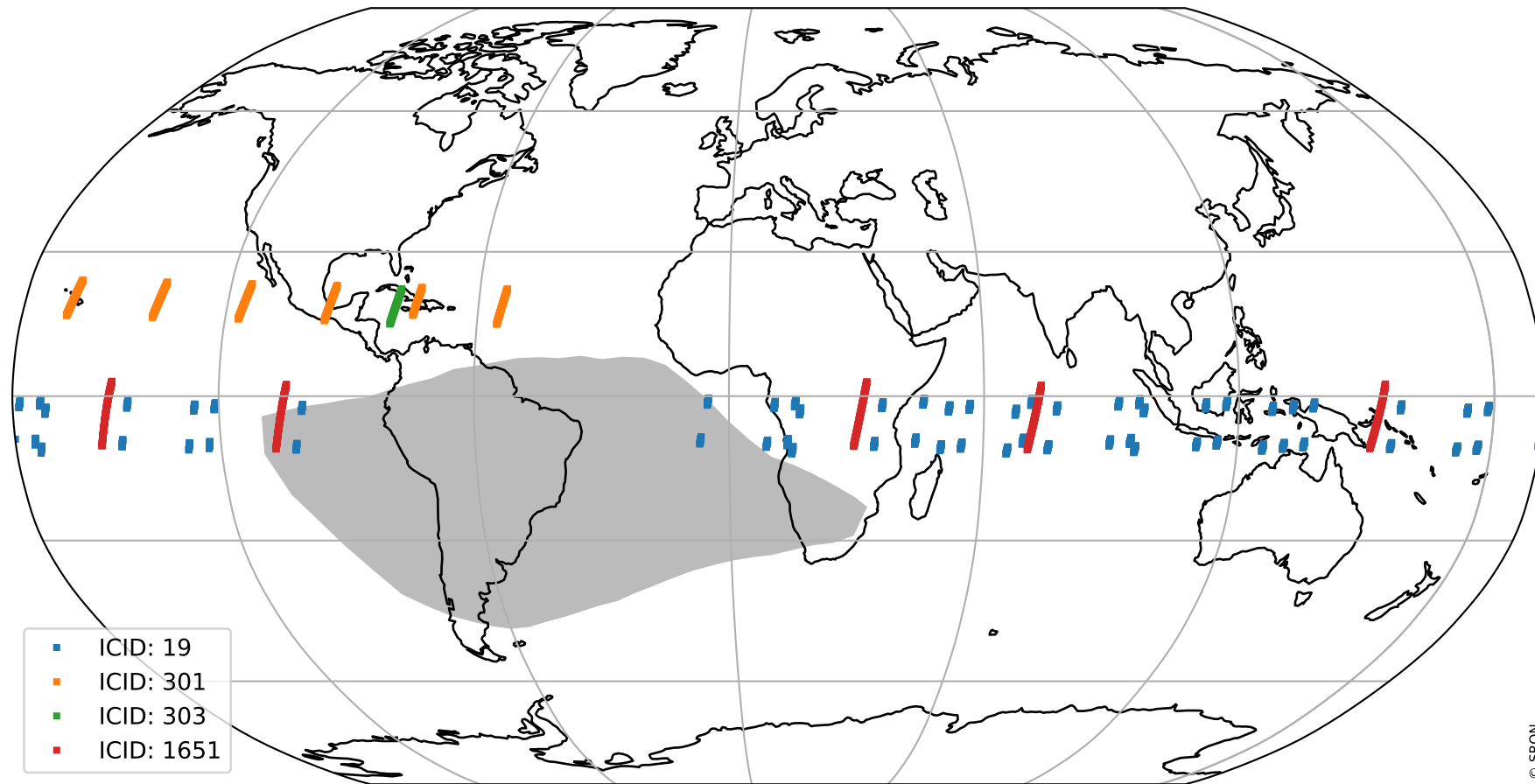
orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
median : 0.98406
spread : 0.17328
created : 2023-08-29T14:21:14

normalized read noise



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

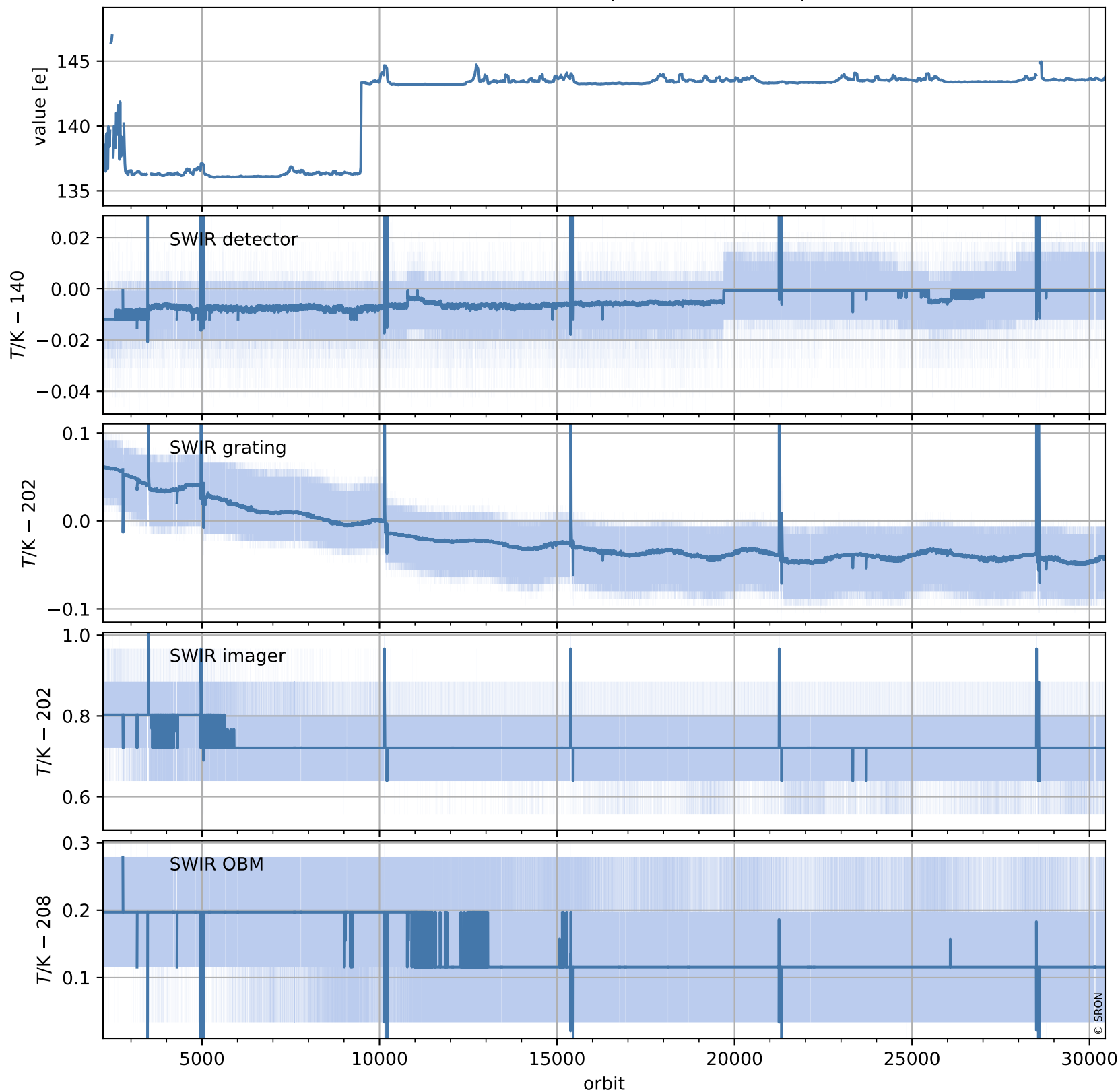
orbits : 12 in [30367, 30442]
coverage : 2023-08-23 / 2023-08-28
created : 2023-08-29T14:21:14



Tropomi SWIR background noise (swir)

orbits : [2212, 30442]
coverage : 2018-03-18 / 2023-08-28
created : 2023-08-29T14:21:18

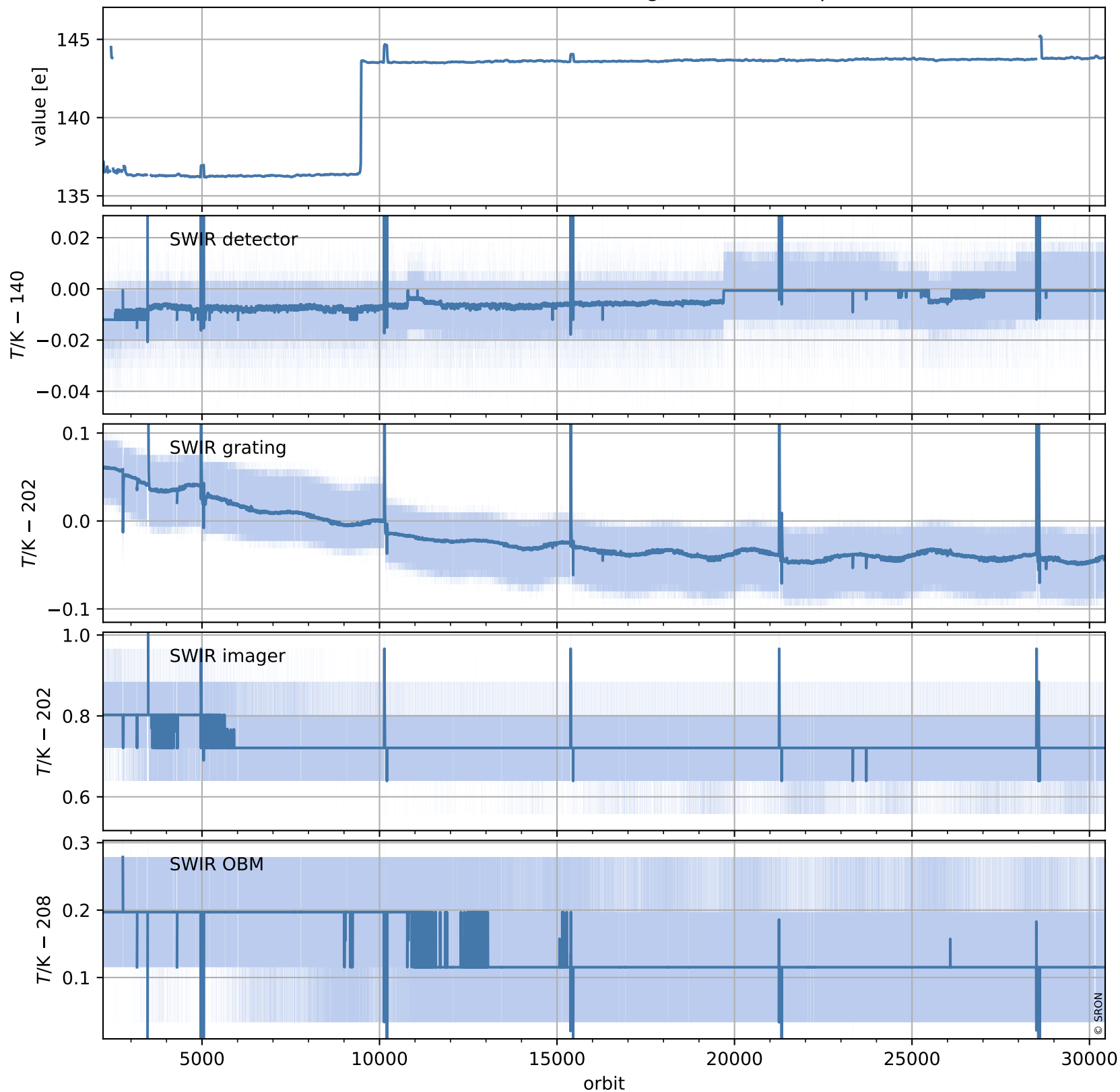
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30442]
coverage : 2018-03-18 / 2023-08-28
created : 2023-08-29T14:21:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30442]
coverage : 2018-03-18 / 2023-08-28
created : 2023-08-29T14:21:20

trend of normalized read-noise & temperatures

