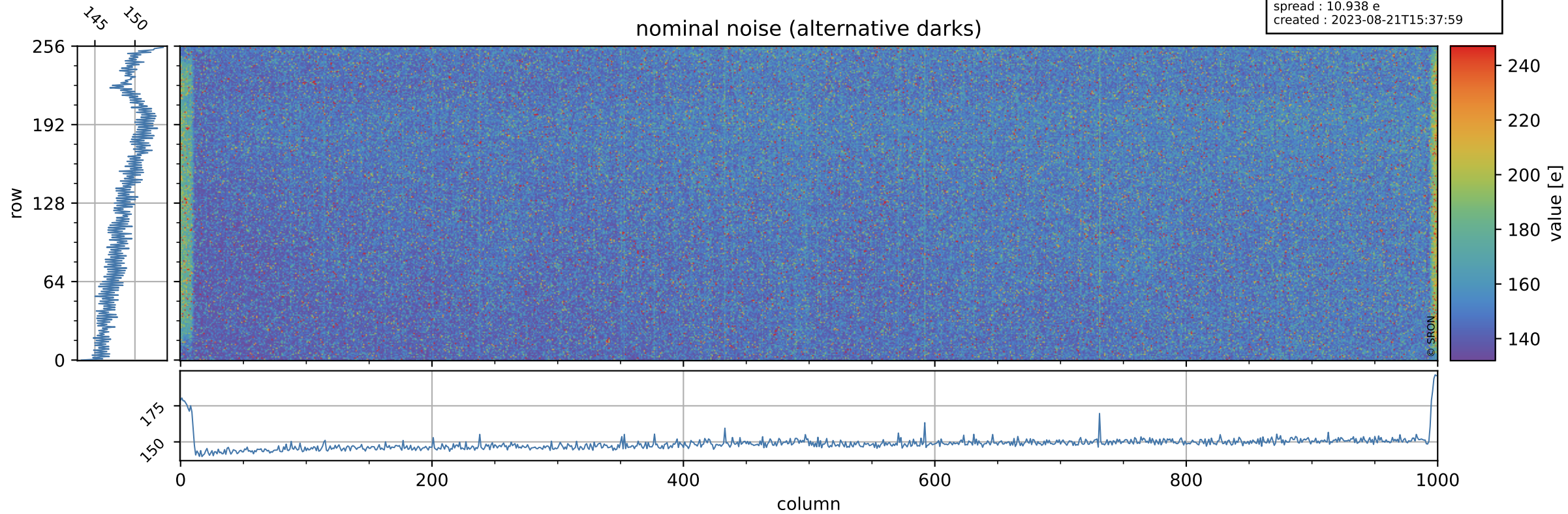


Tropomi SWIR background noise (swir)

orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.938 e
created : 2023-08-21T15:37:59

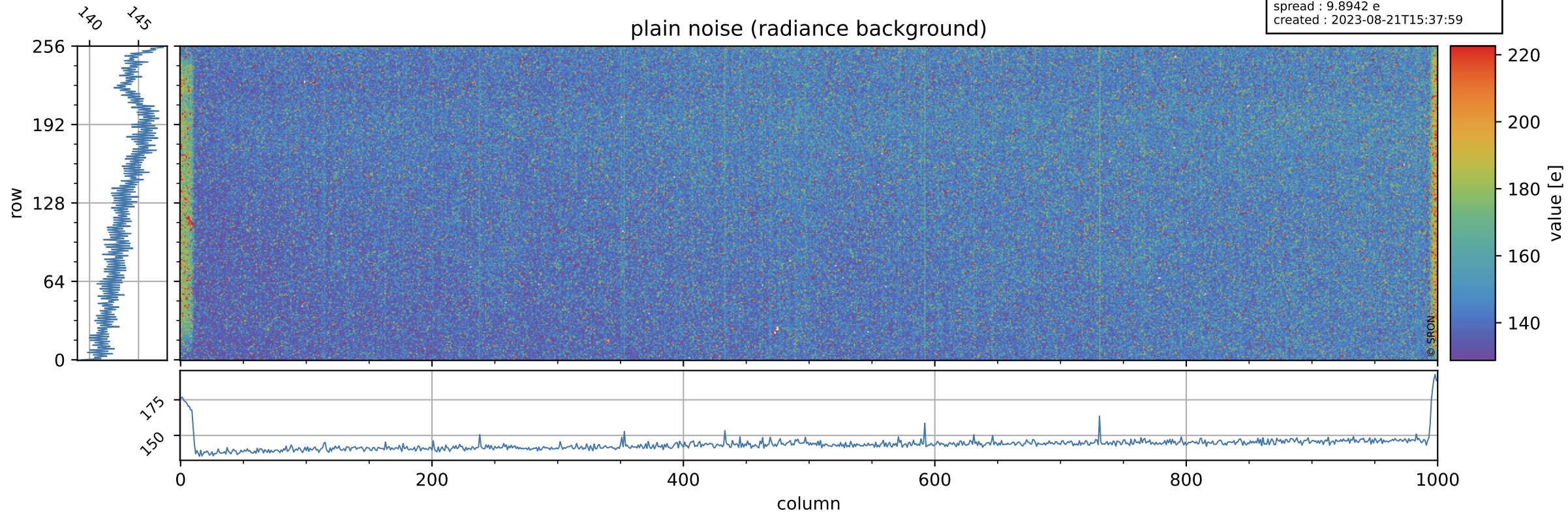
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8942 e
created : 2023-08-21T15:37:59

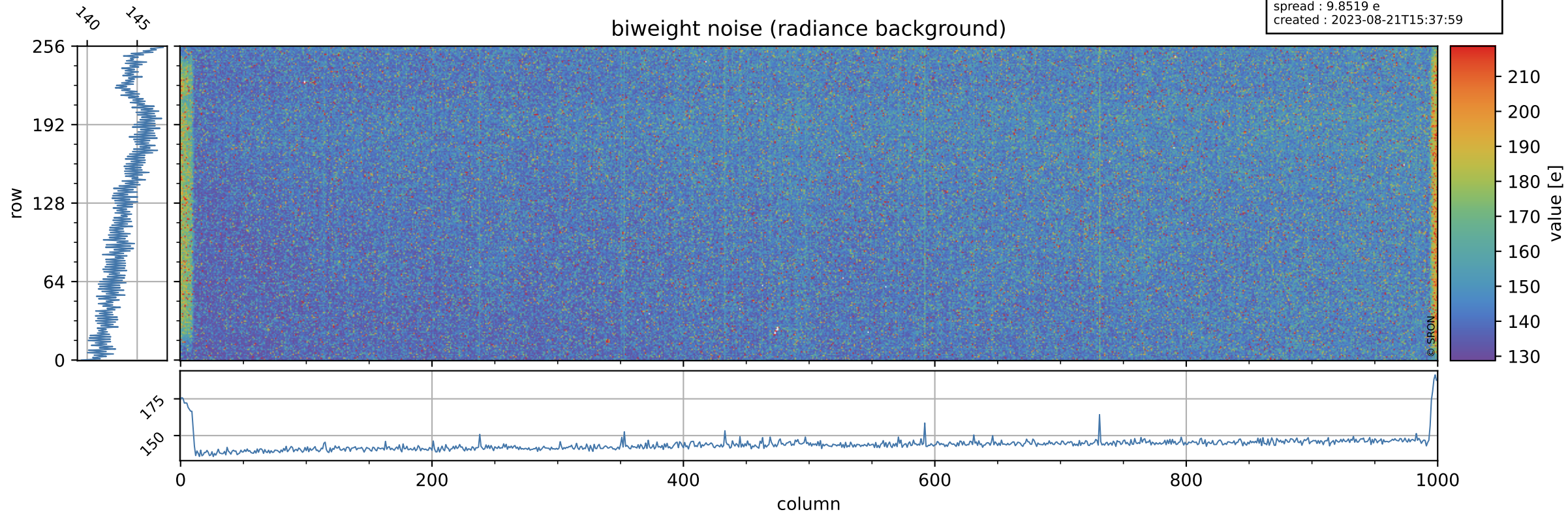
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8519 e
created : 2023-08-21T15:37:59

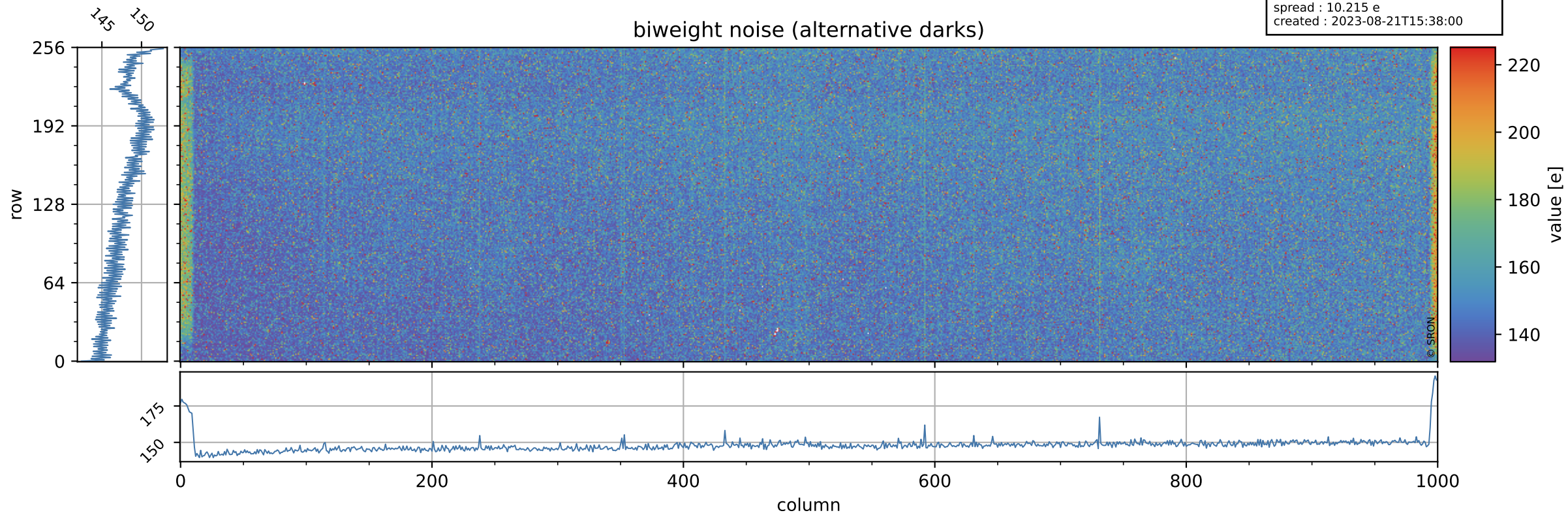
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.215 e
created : 2023-08-21T15:38:00

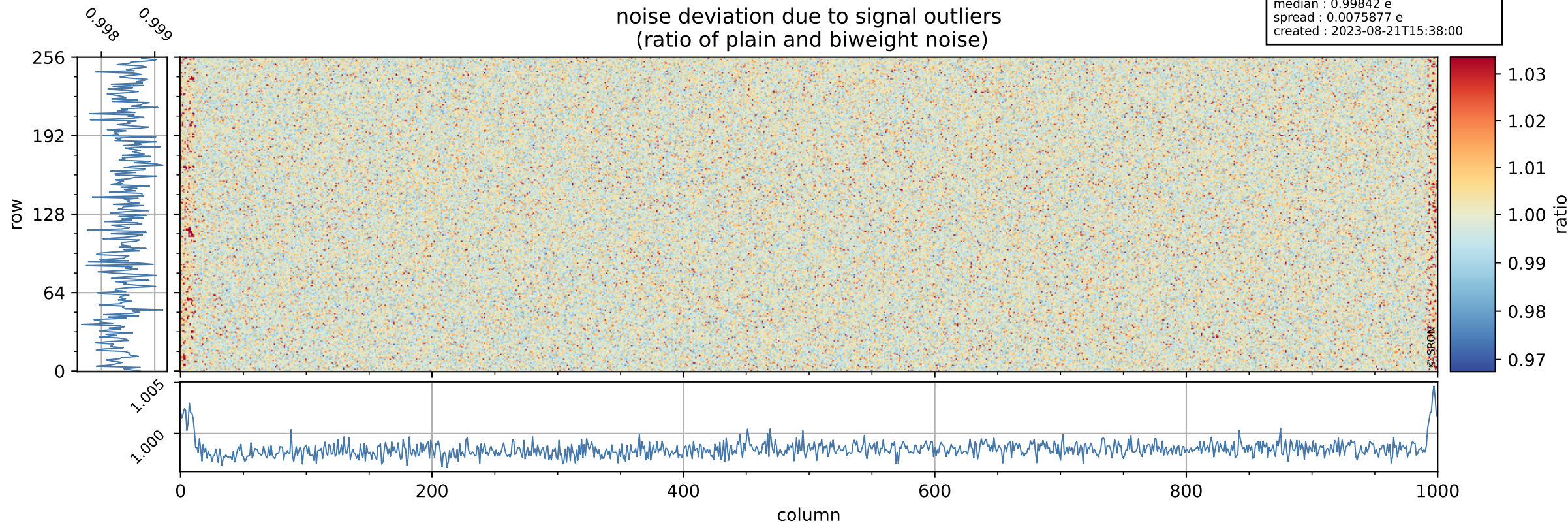
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

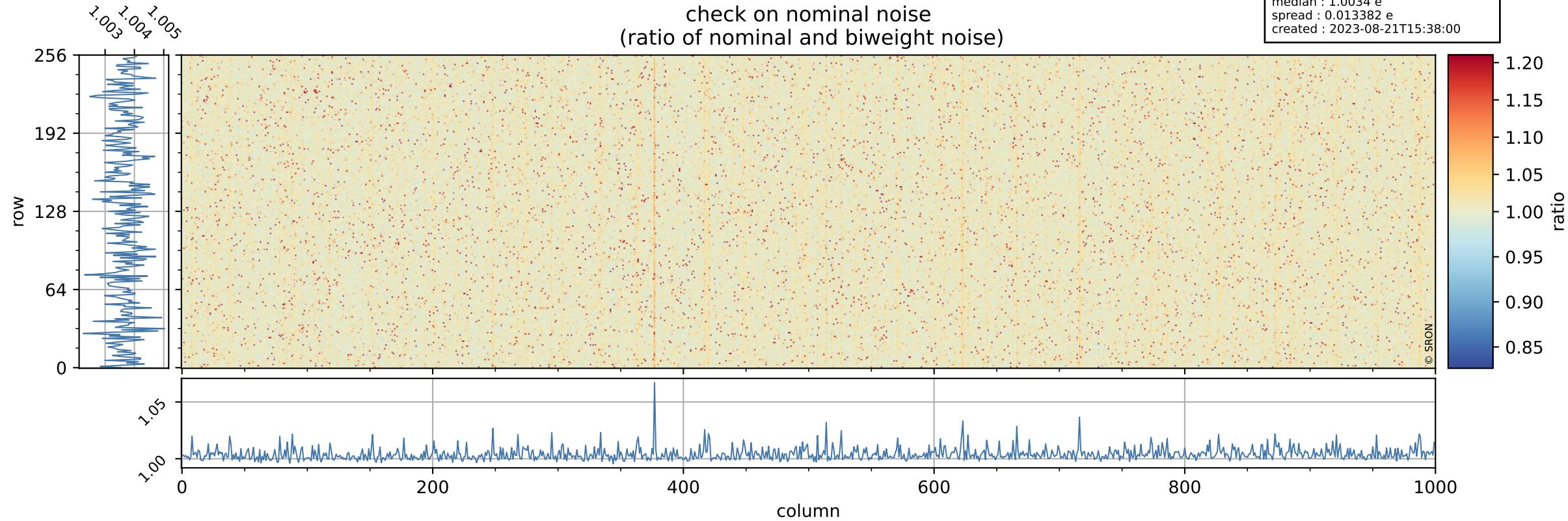
orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
median : 0.99842 e
spread : 0.0075877 e
created : 2023-08-21T15:38:00



Tropomi SWIR background noise (swir)

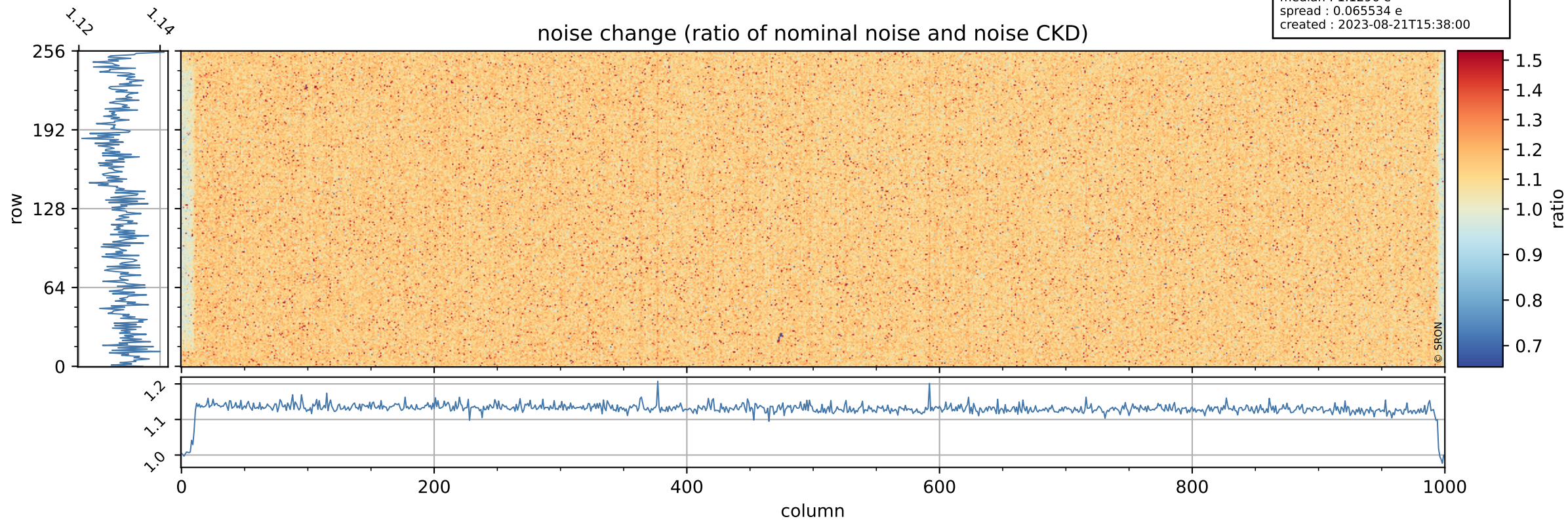
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
median : 1.0034 e
spread : 0.013382 e
created : 2023-08-21T15:38:00



Tropomi SWIR background noise (swir)

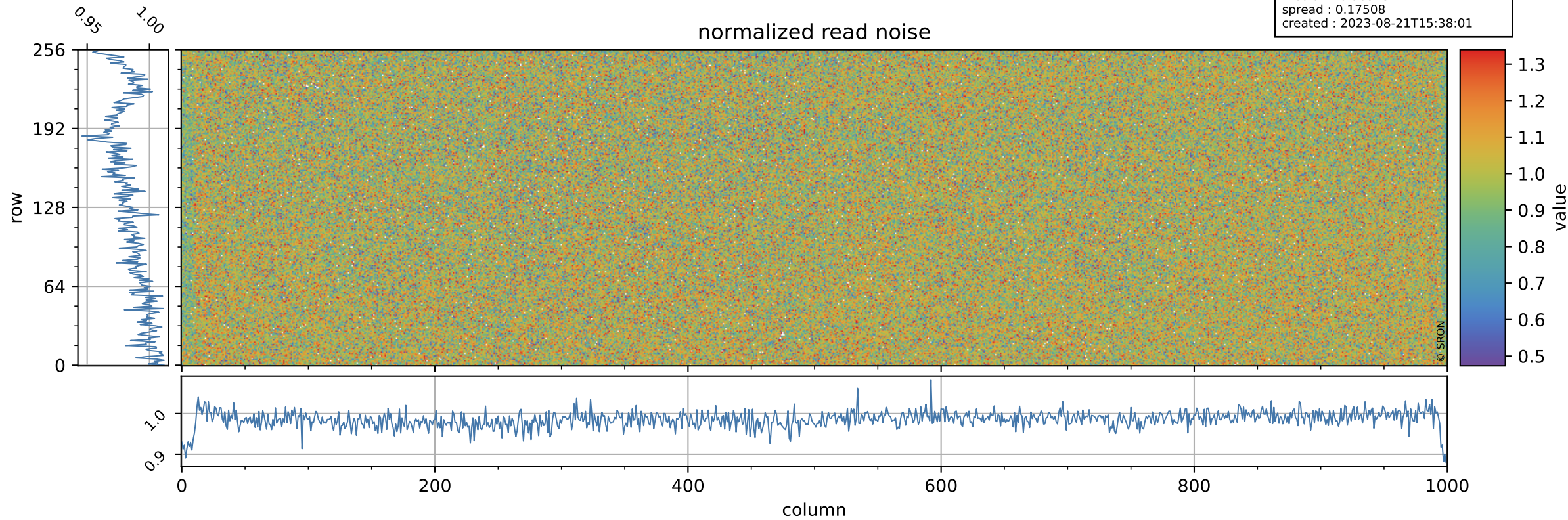
orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
median : 1.1296 e
spread : 0.065534 e
created : 2023-08-21T15:38:00



Tropomi SWIR background noise (swir)

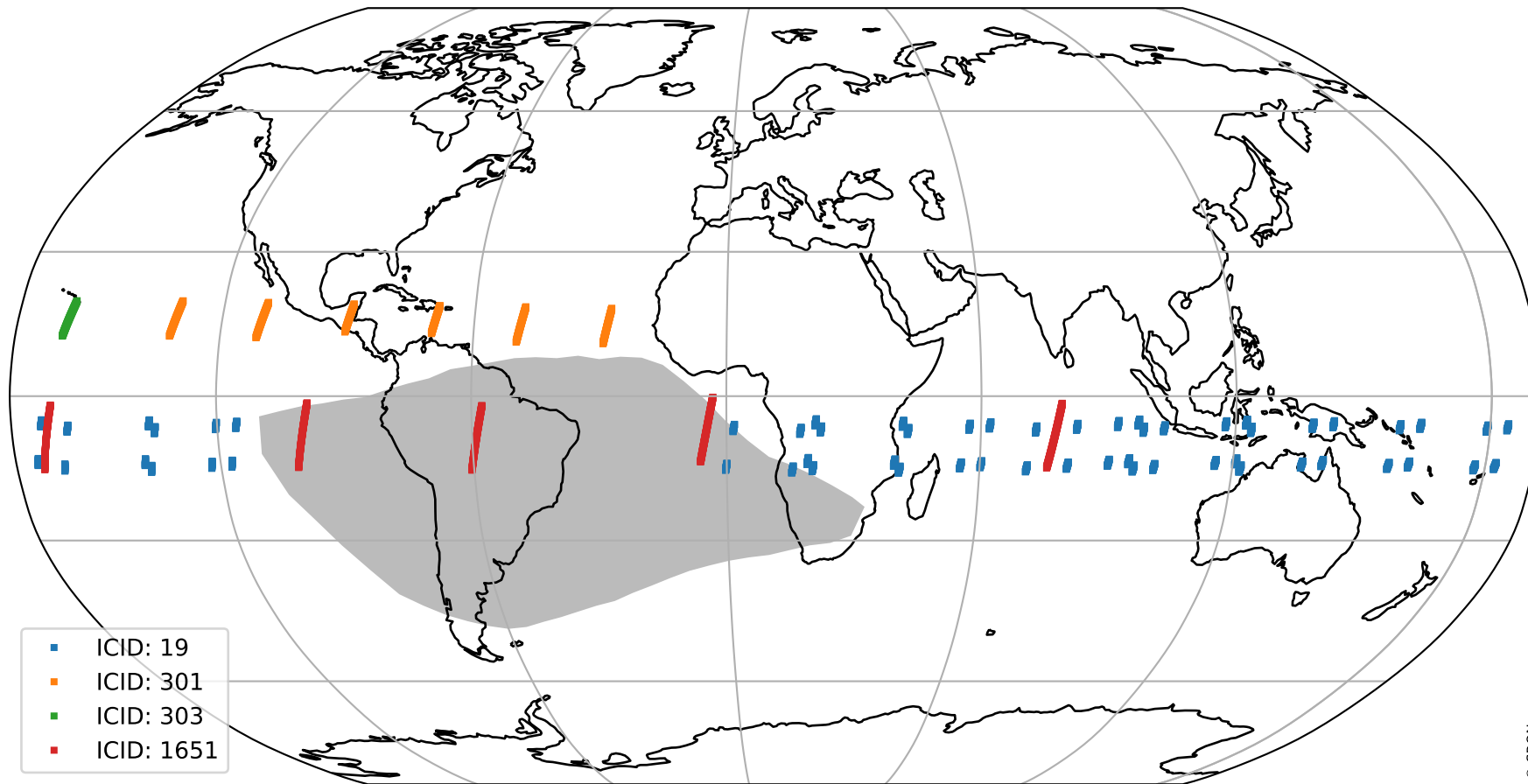
orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
median : 0.98373
spread : 0.17508
created : 2023-08-21T15:38:01

normalized read noise



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

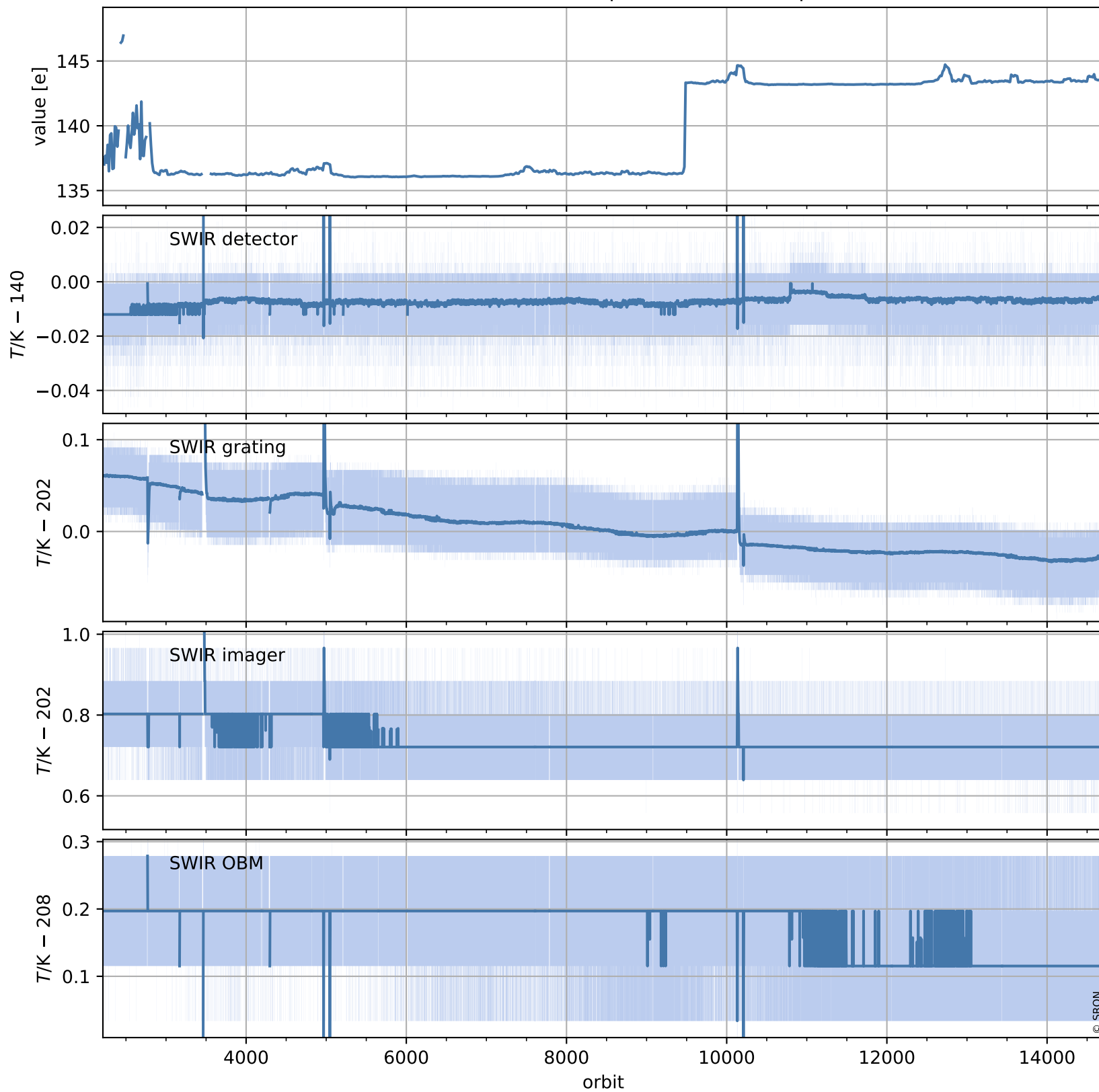
orbits : 12 in [14617, 14707]
coverage : 2020-08-09 / 2020-08-15
created : 2023-08-21T15:38:01



Tropomi SWIR background noise (swir)

orbits : [2212, 14707]
coverage : 2018-03-18 / 2020-08-15
created : 2023-08-21T15:38:01

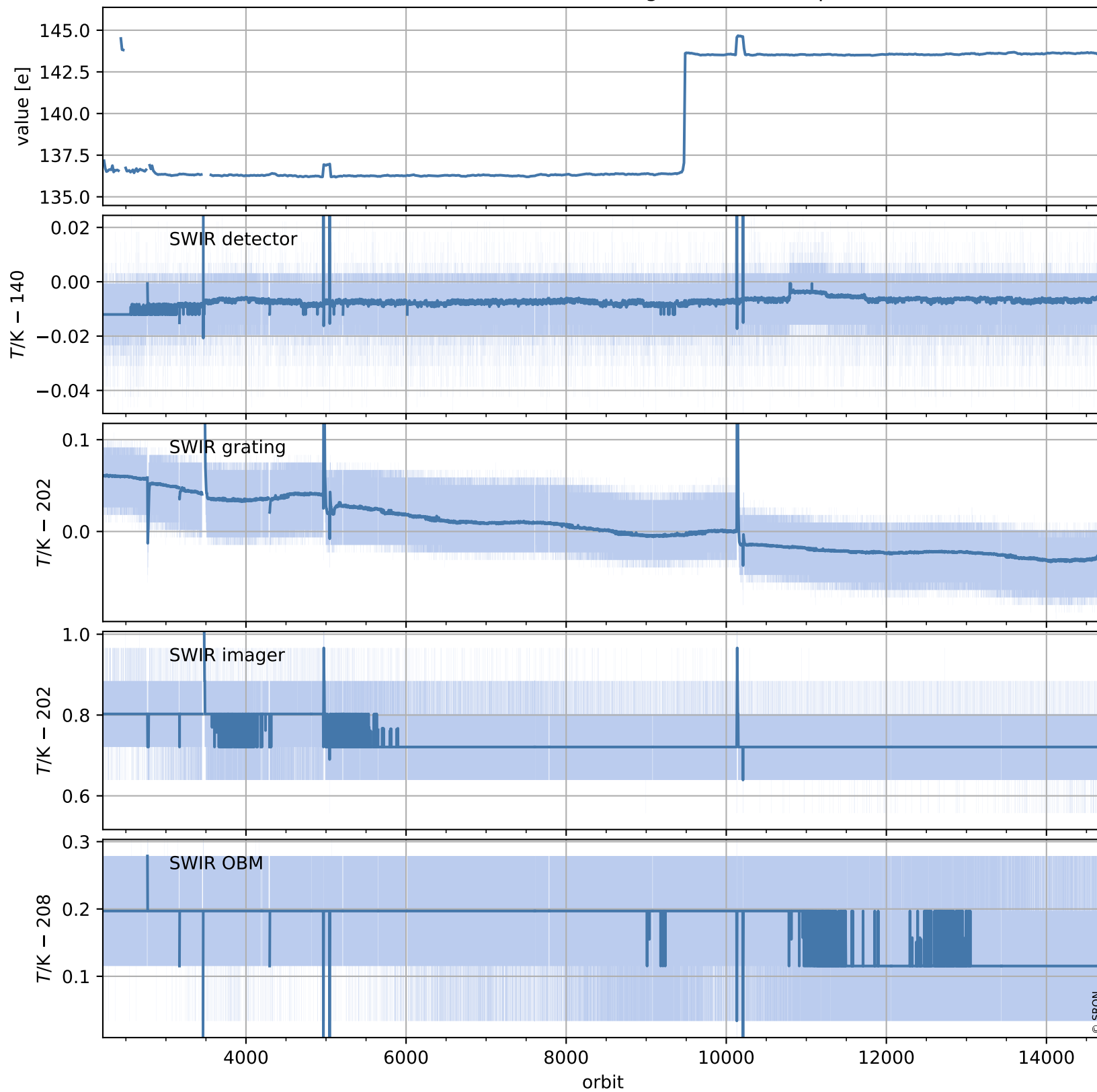
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14707]
coverage : 2018-03-18 / 2020-08-15
created : 2023-08-21T15:38:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14707]
coverage : 2018-03-18 / 2020-08-15
created : 2023-08-21T15:38:03

trend of normalized read-noise & temperatures

