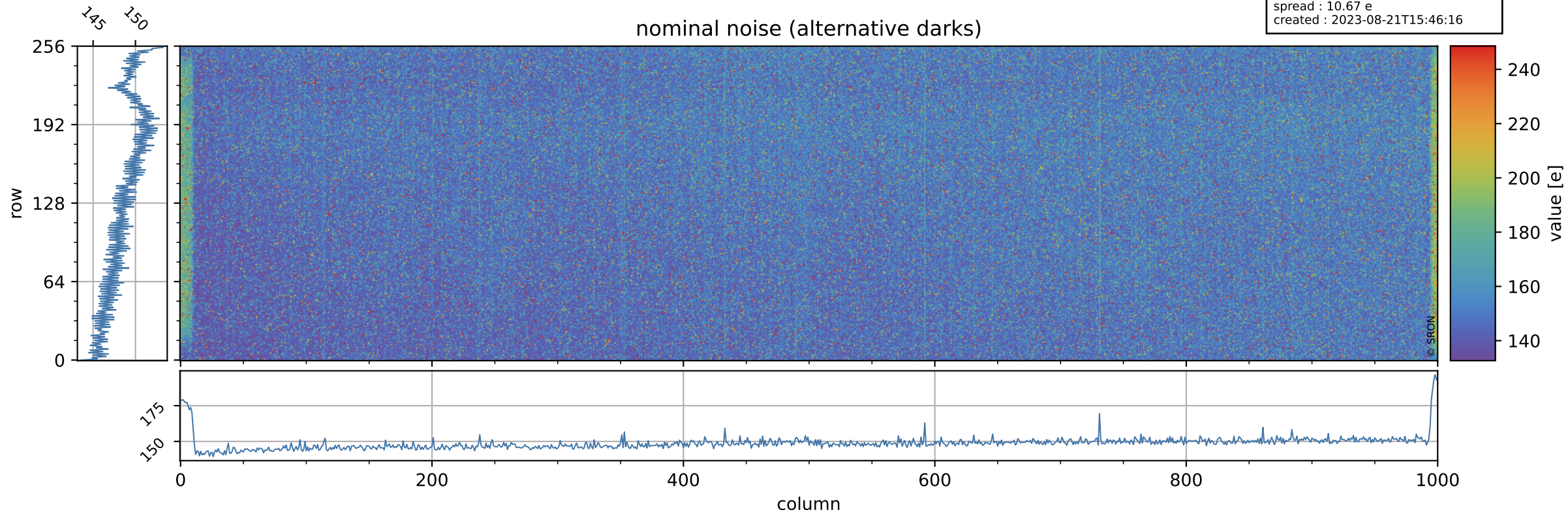


Tropomi SWIR background noise (swir)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.67 e
created : 2023-08-21T15:46:16

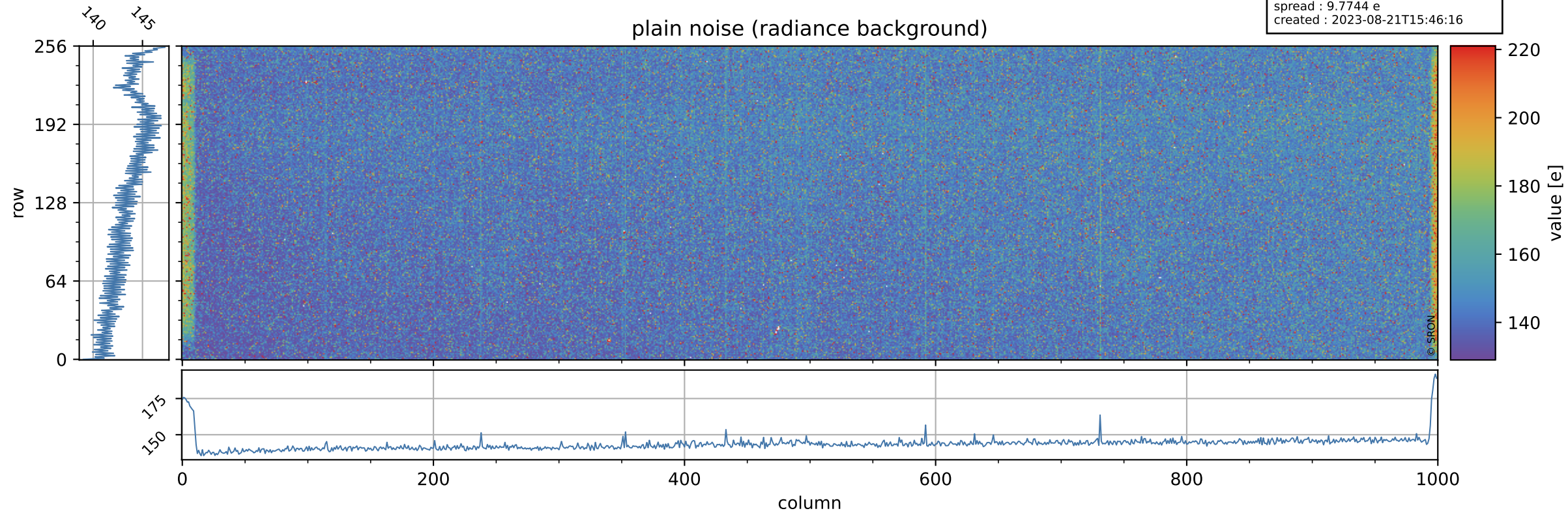
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
n_coad, t_exp : 1, 0.8383
median : 143.39 e
spread : 9.7744 e
created : 2023-08-21T15:46:16

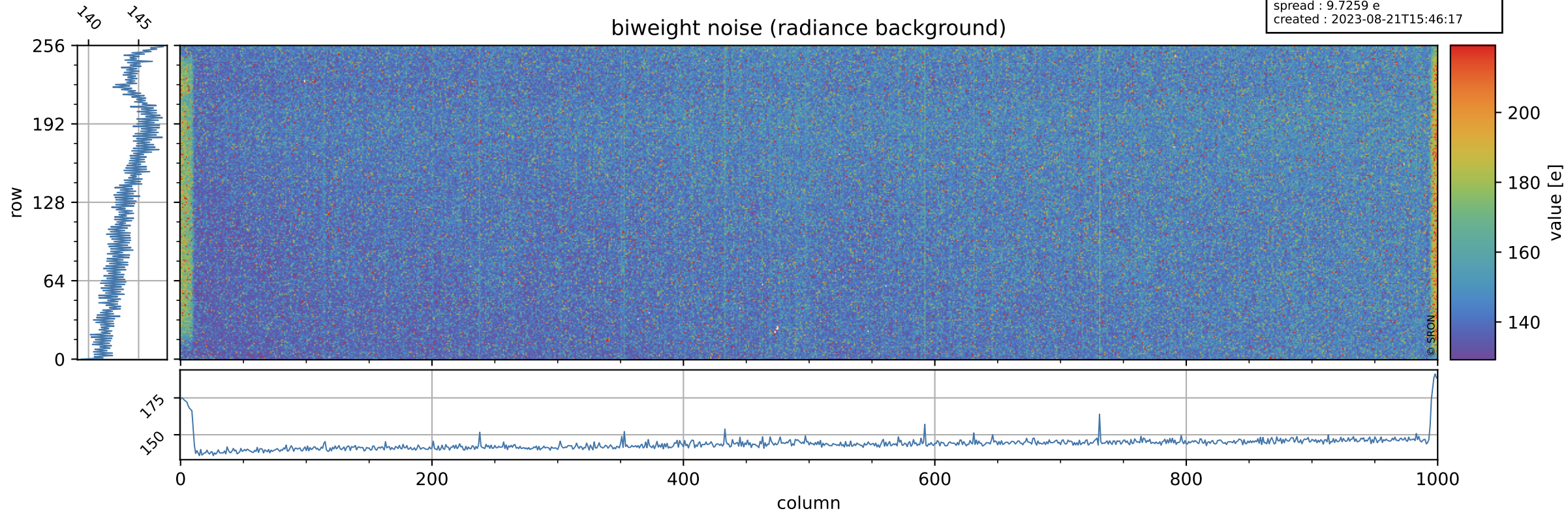
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7259 e
created : 2023-08-21T15:46:17

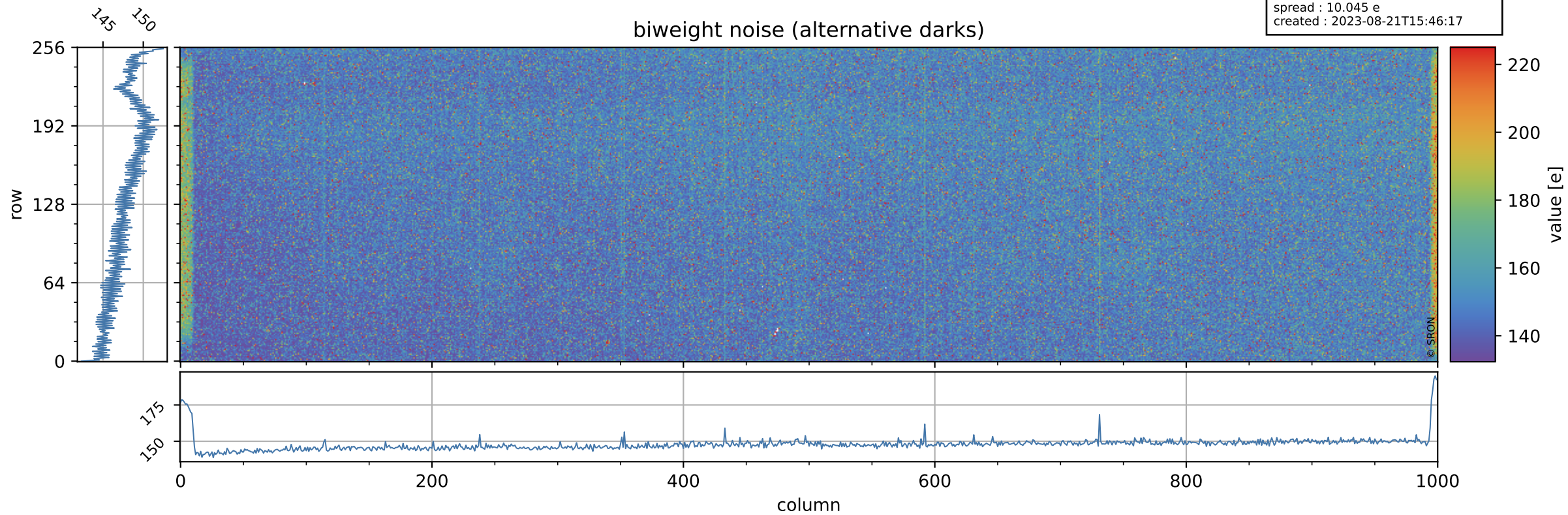
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.045 e
created : 2023-08-21T15:46:17

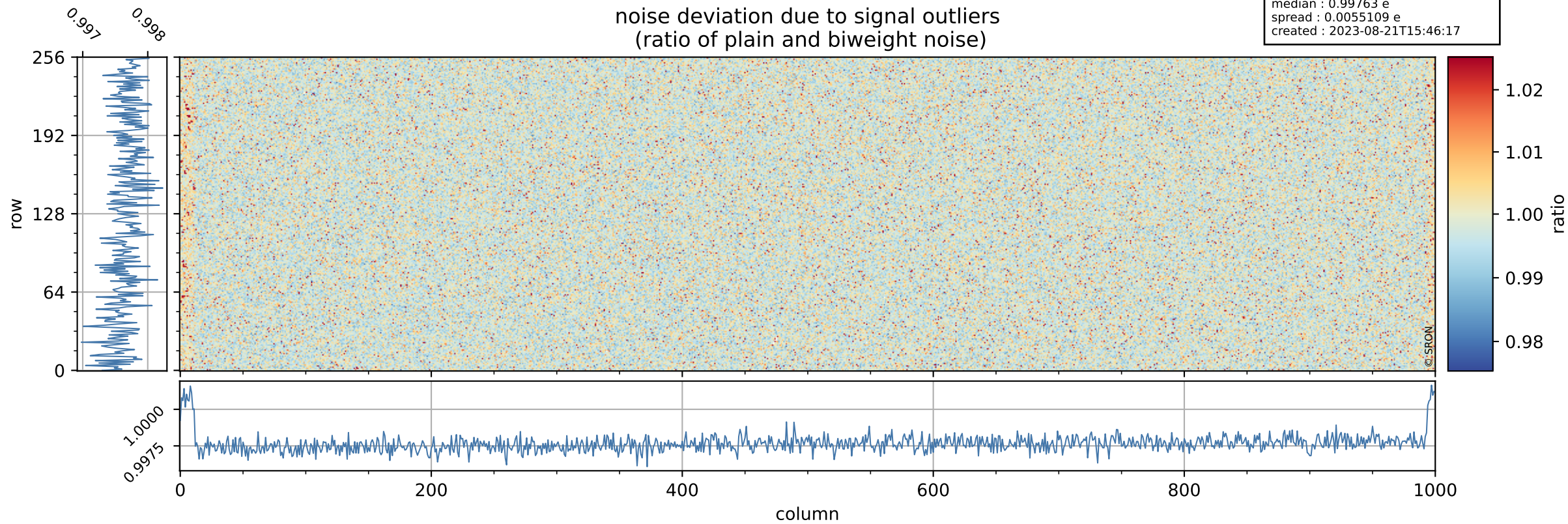
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

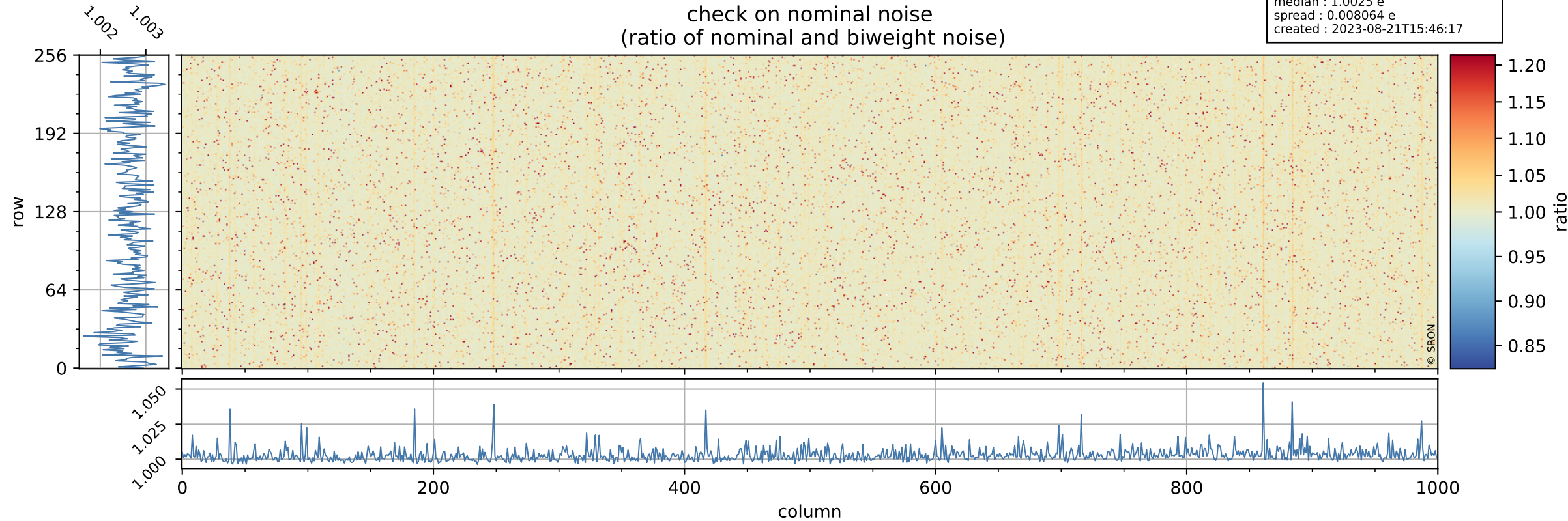
orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
median : 0.99763 e
spread : 0.0055109 e
created : 2023-08-21T15:46:17



Tropomi SWIR background noise (swir)

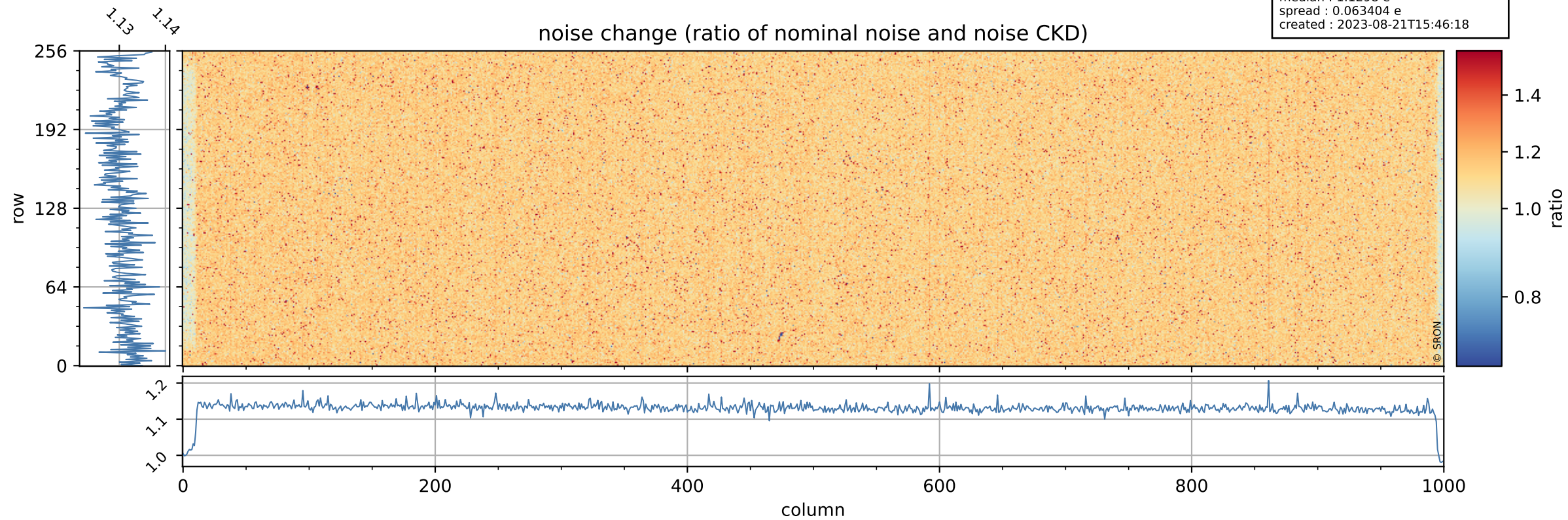
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
median : 1.0025 e
spread : 0.008064 e
created : 2023-08-21T15:46:17



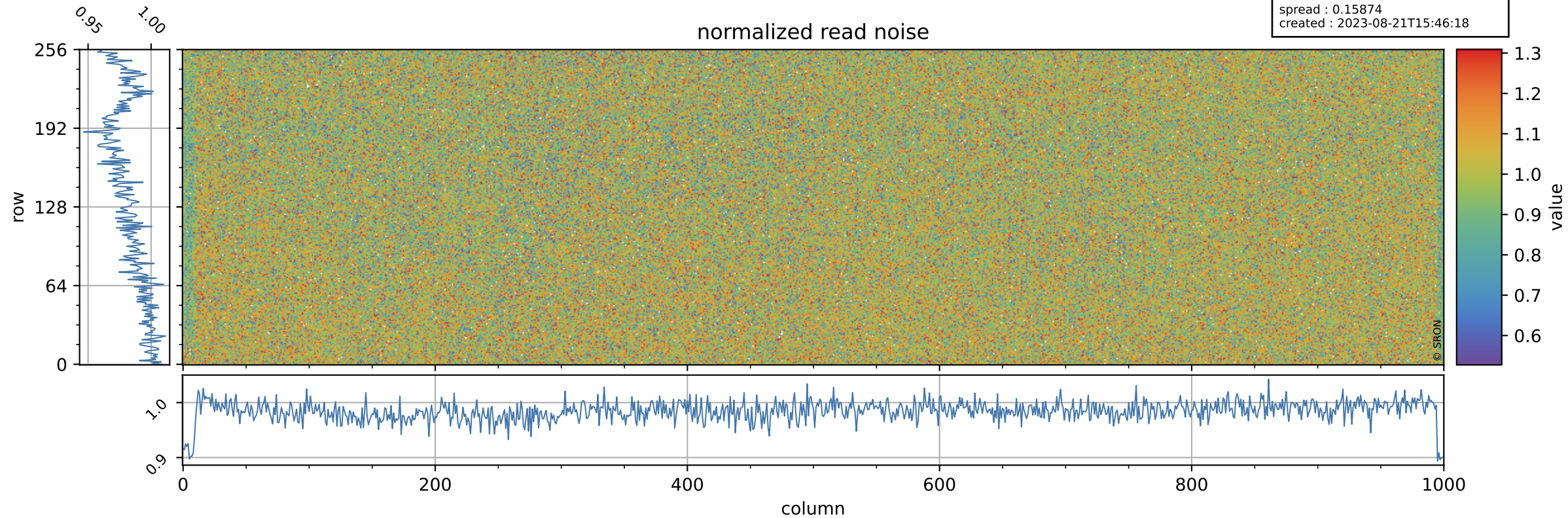
Tropomi SWIR background noise (swir)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
median : 1.1298 e
spread : 0.063404 e
created : 2023-08-21T15:46:18



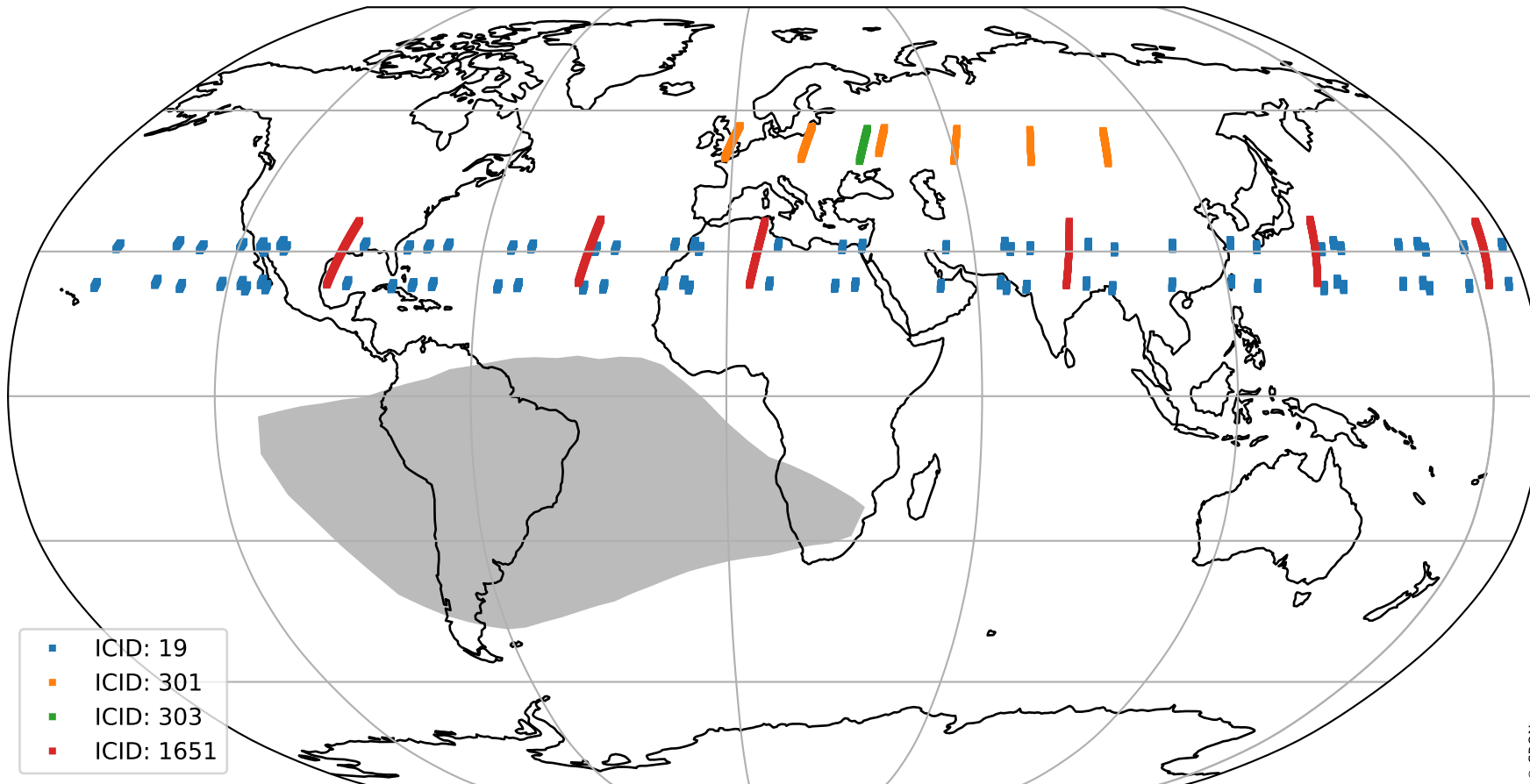
Tropomi SWIR background noise (swir)

orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
median : 0.98275
spread : 0.15874
created : 2023-08-21T15:46:18



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

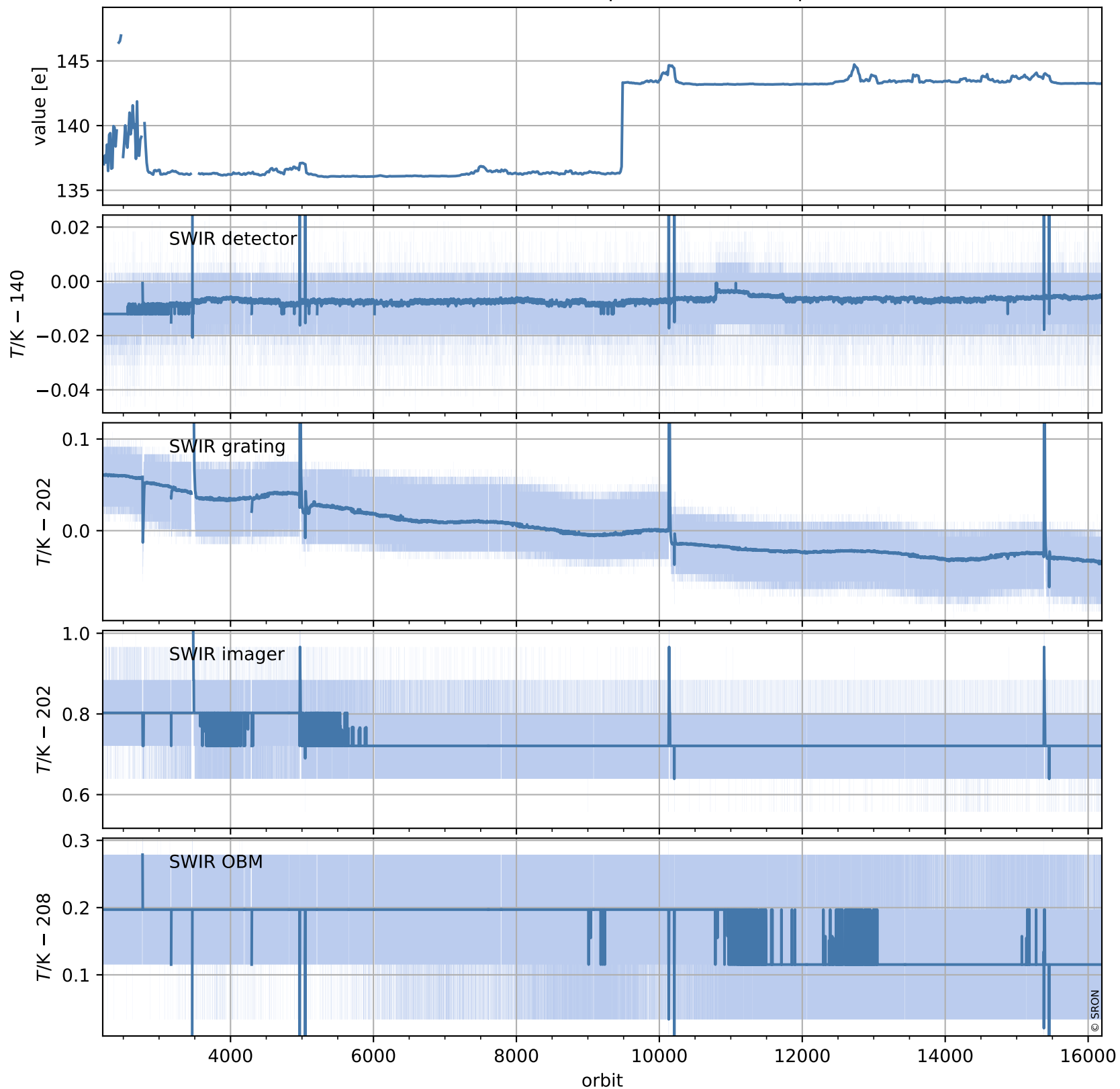
orbits : 13 in [16102, 16192]
coverage : 2020-11-21 / 2020-11-27
created : 2023-08-21T15:46:18



Tropomi SWIR background noise (swir)

orbits : [2212, 16192]
coverage : 2018-03-18 / 2020-11-27
created : 2023-08-21T15:46:19

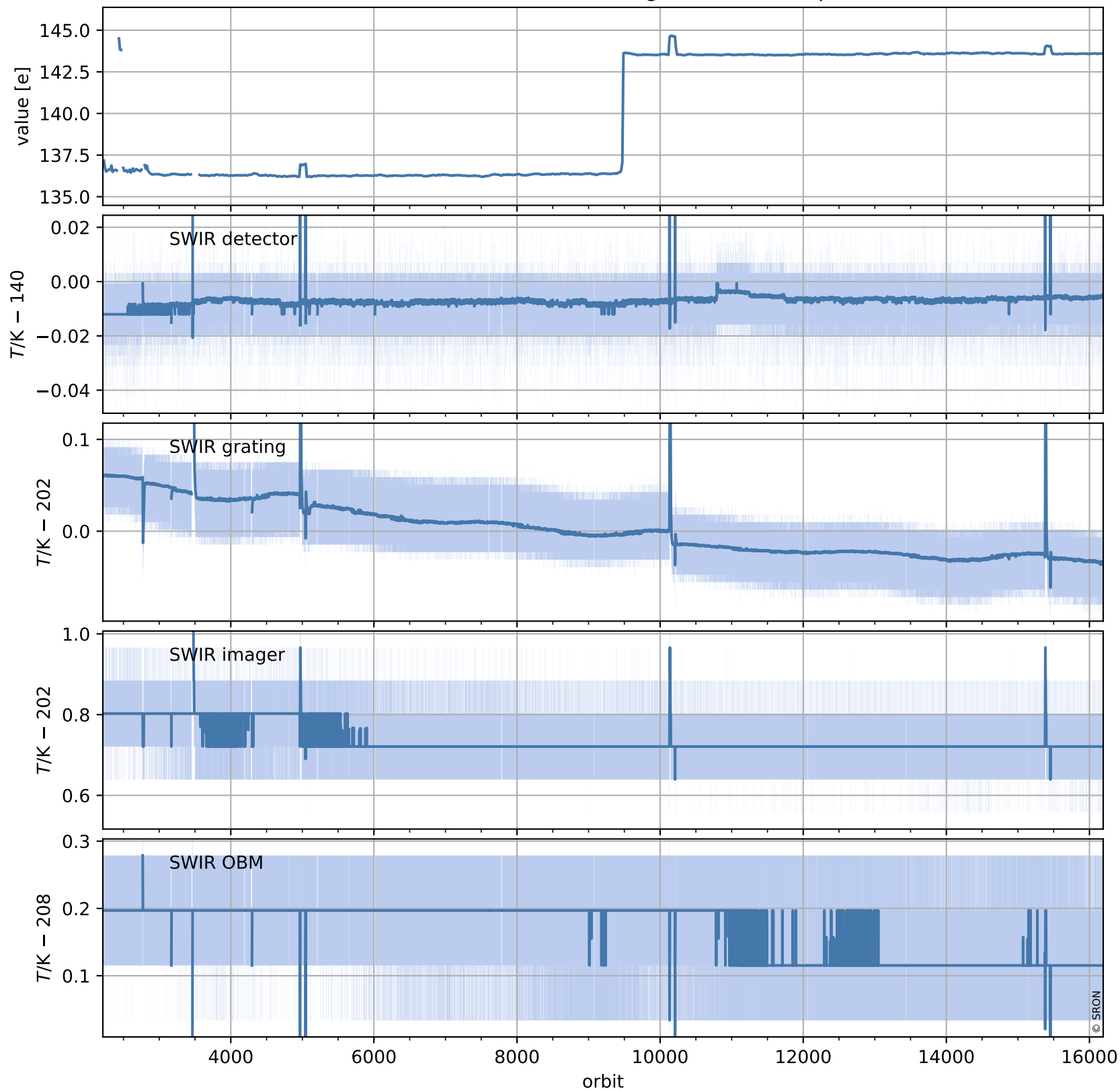
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16192]
coverage : 2018-03-18 / 2020-11-27
created : 2023-08-21T15:46:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16192]
coverage : 2018-03-18 / 2020-11-27
created : 2023-08-21T15:46:20

trend of normalized read-noise & temperatures

