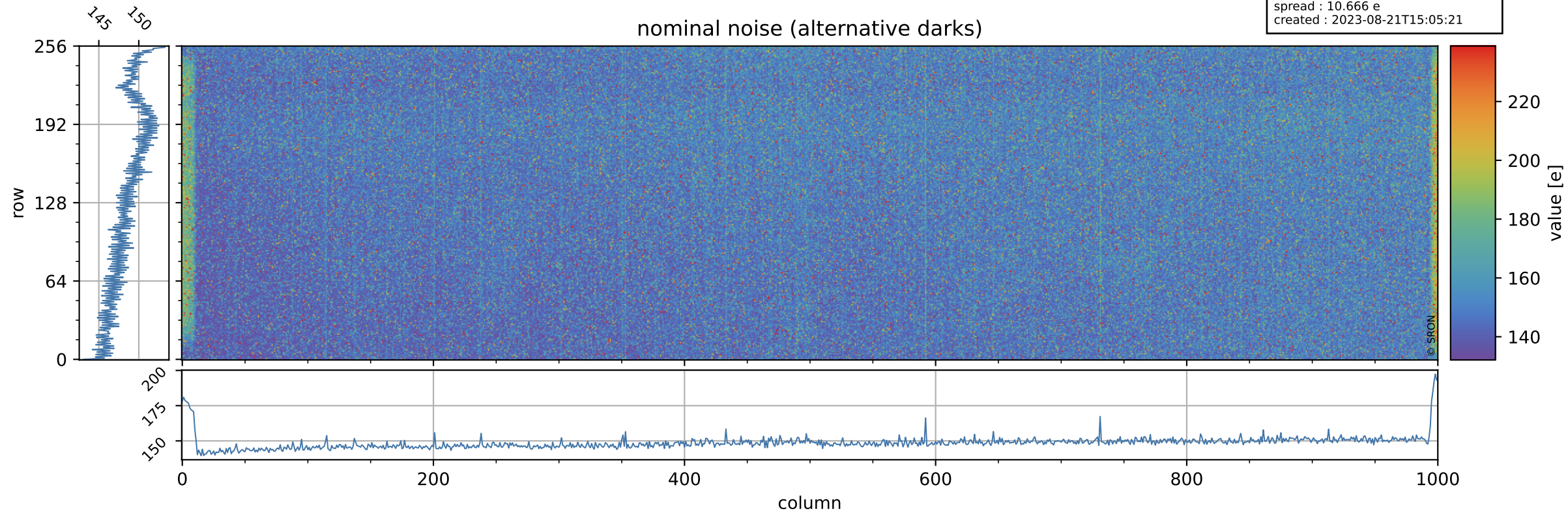


Tropomi SWIR background noise (swir)

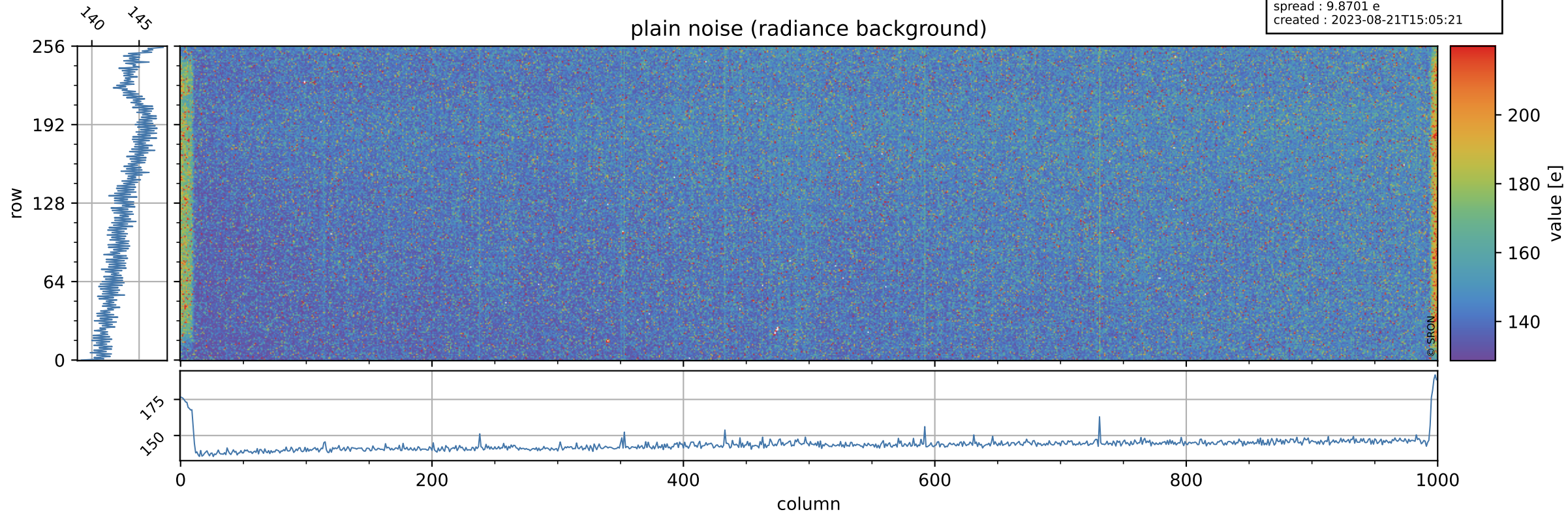
orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.666 e
created : 2023-08-21T15:05:21



Tropomi SWIR background noise (swir)

orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.8701 e
created : 2023-08-21T15:05:21

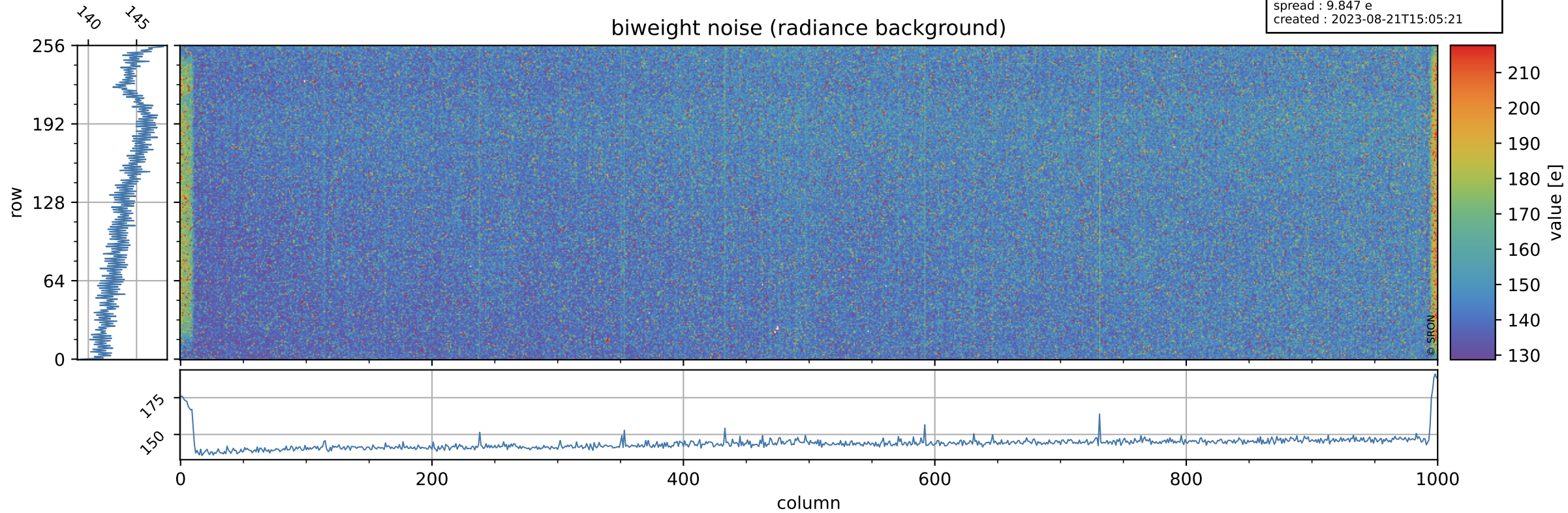
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.847 e
created : 2023-08-21T15:05:21

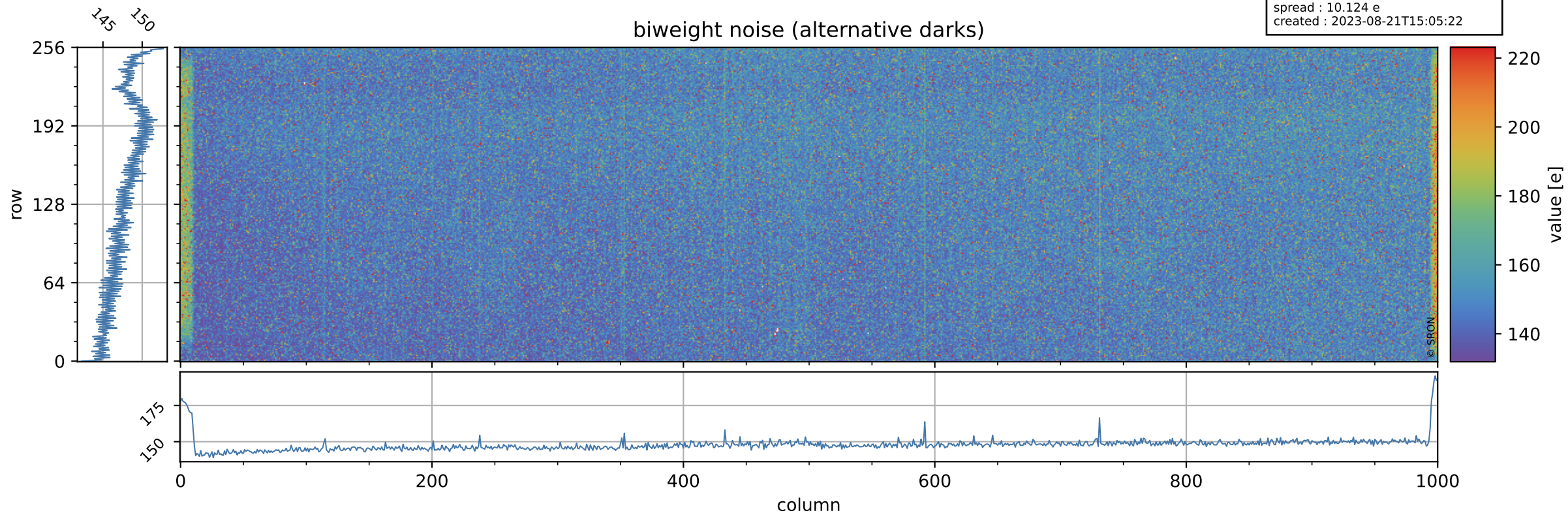
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.124 e
created : 2023-08-21T15:05:22

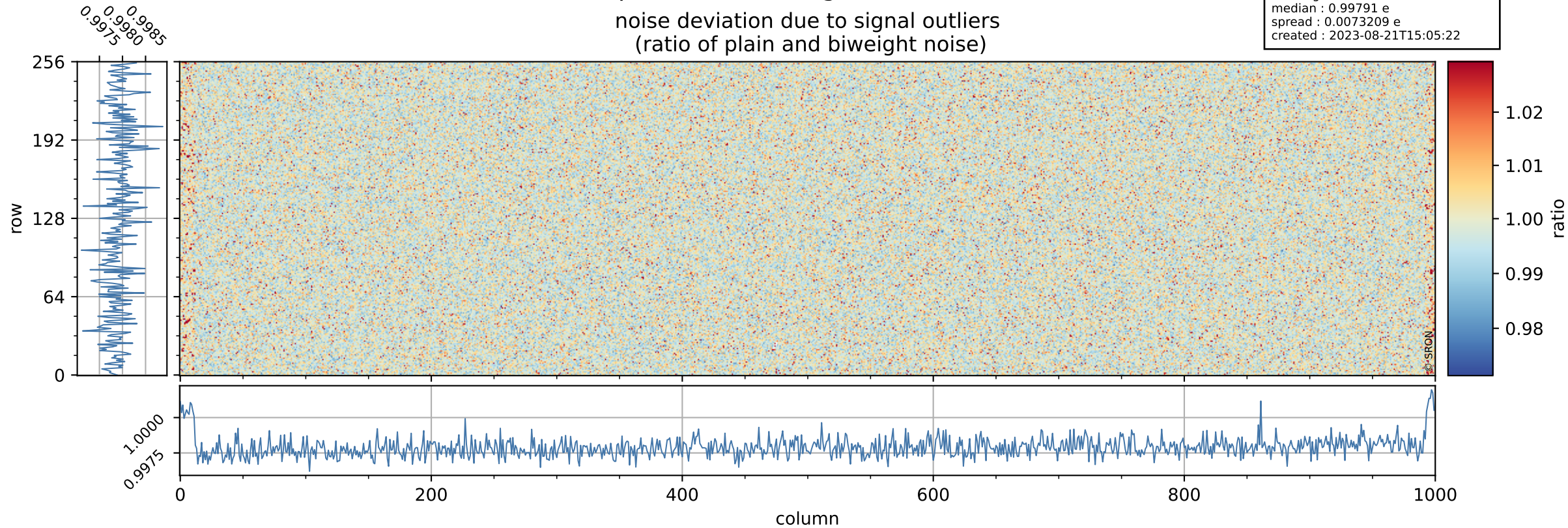
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

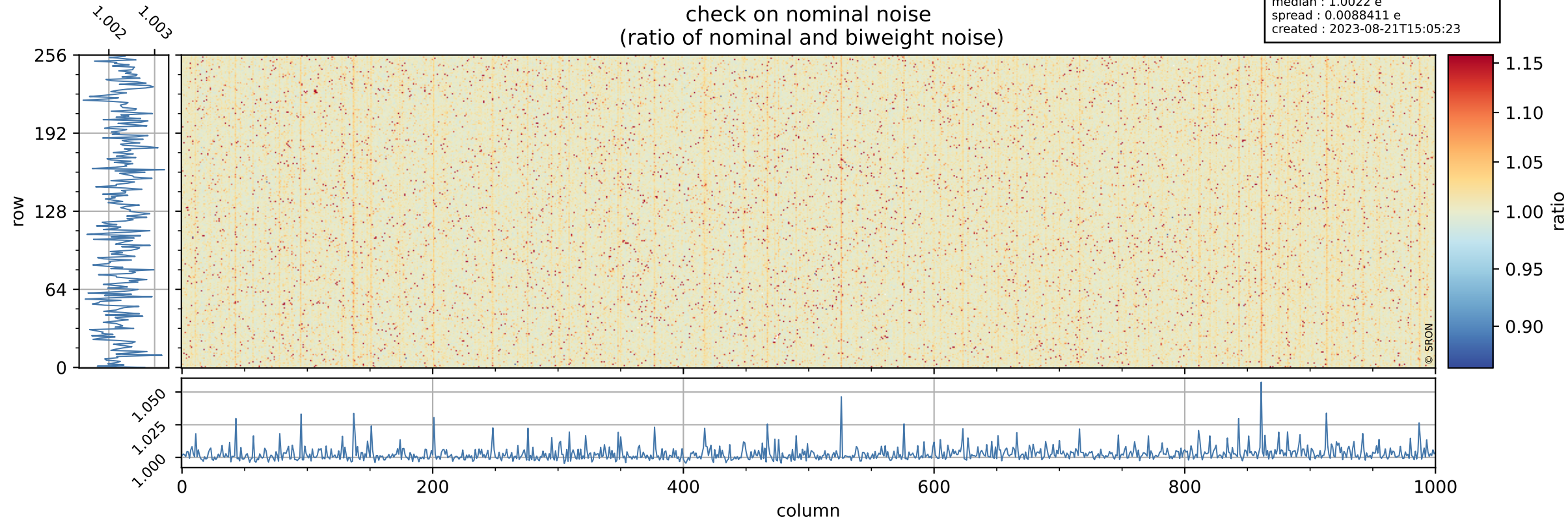
orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
median : 0.99791 e
spread : 0.0073209 e
created : 2023-08-21T15:05:22



Tropomi SWIR background noise (swir)

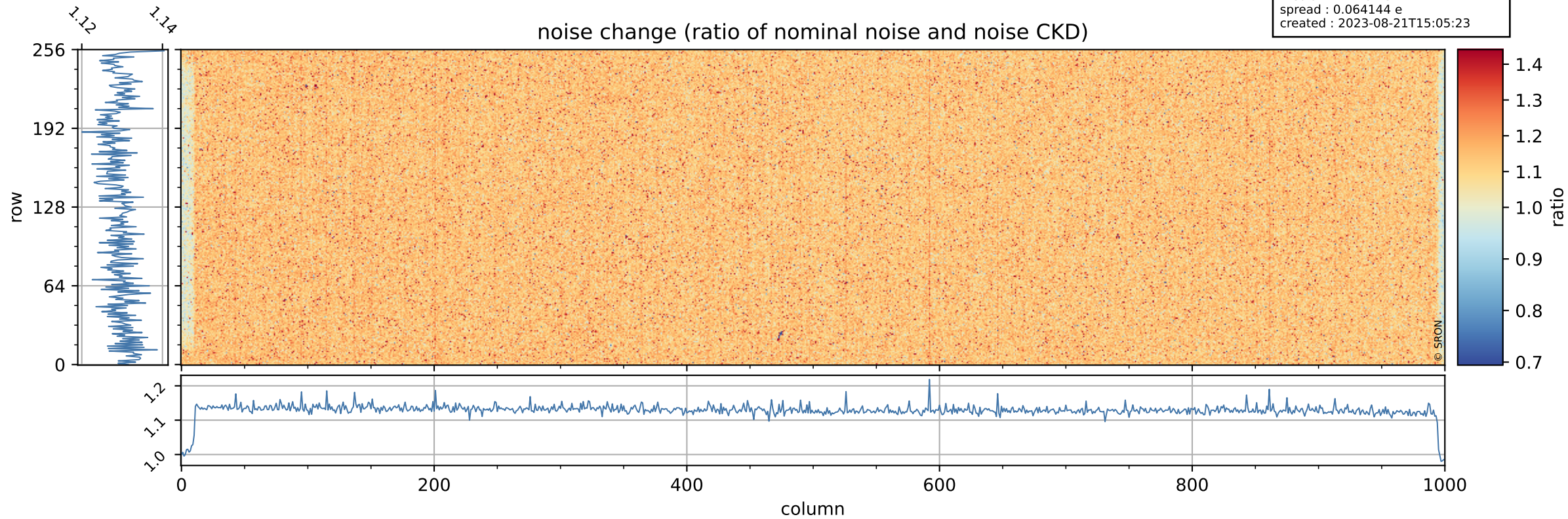
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
median : 1.0022 e
spread : 0.0088411 e
created : 2023-08-21T15:05:23



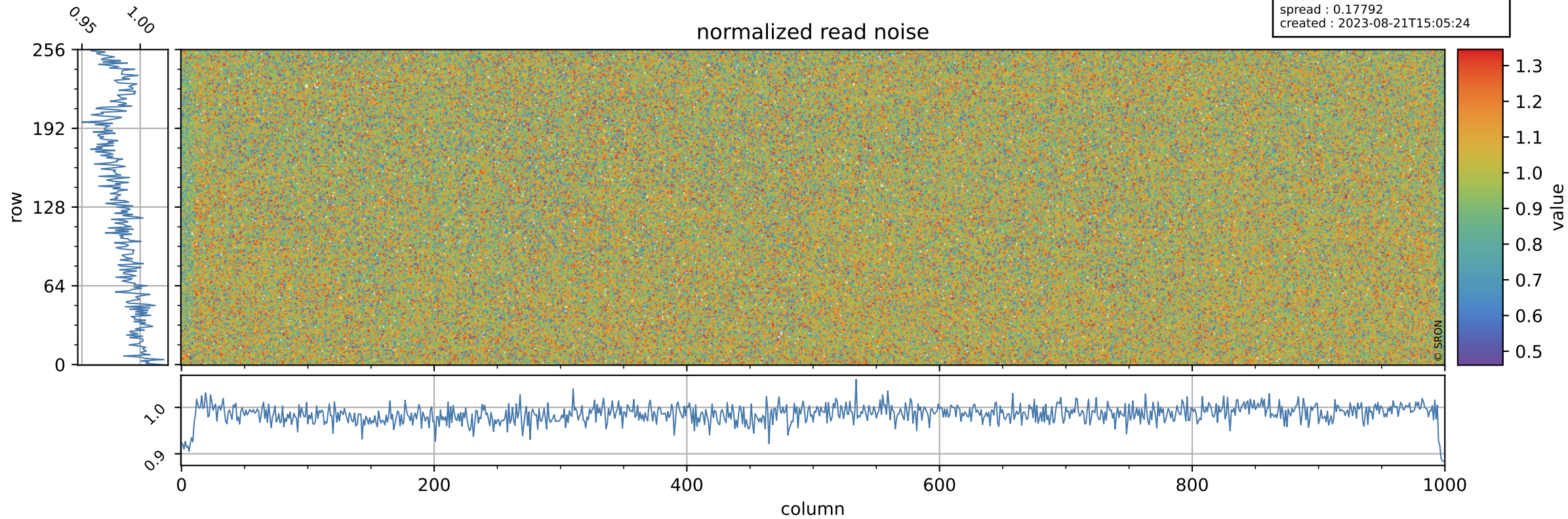
Tropomi SWIR background noise (swir)

orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
median : 1.1287 e
spread : 0.064144 e
created : 2023-08-21T15:05:23



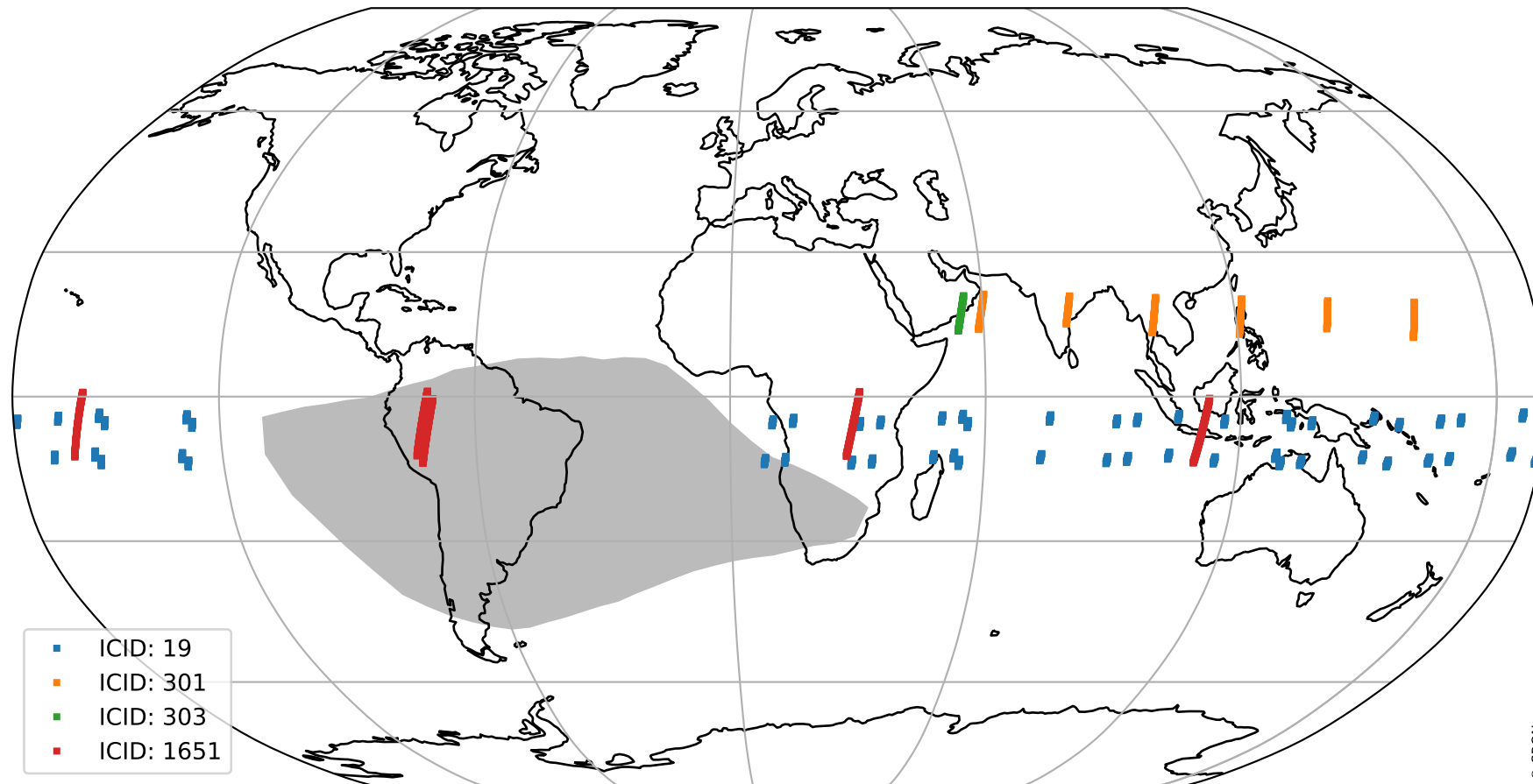
Tropomi SWIR background noise (swir)

orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
median : 0.98426
spread : 0.17792
created : 2023-08-21T15:05:24



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

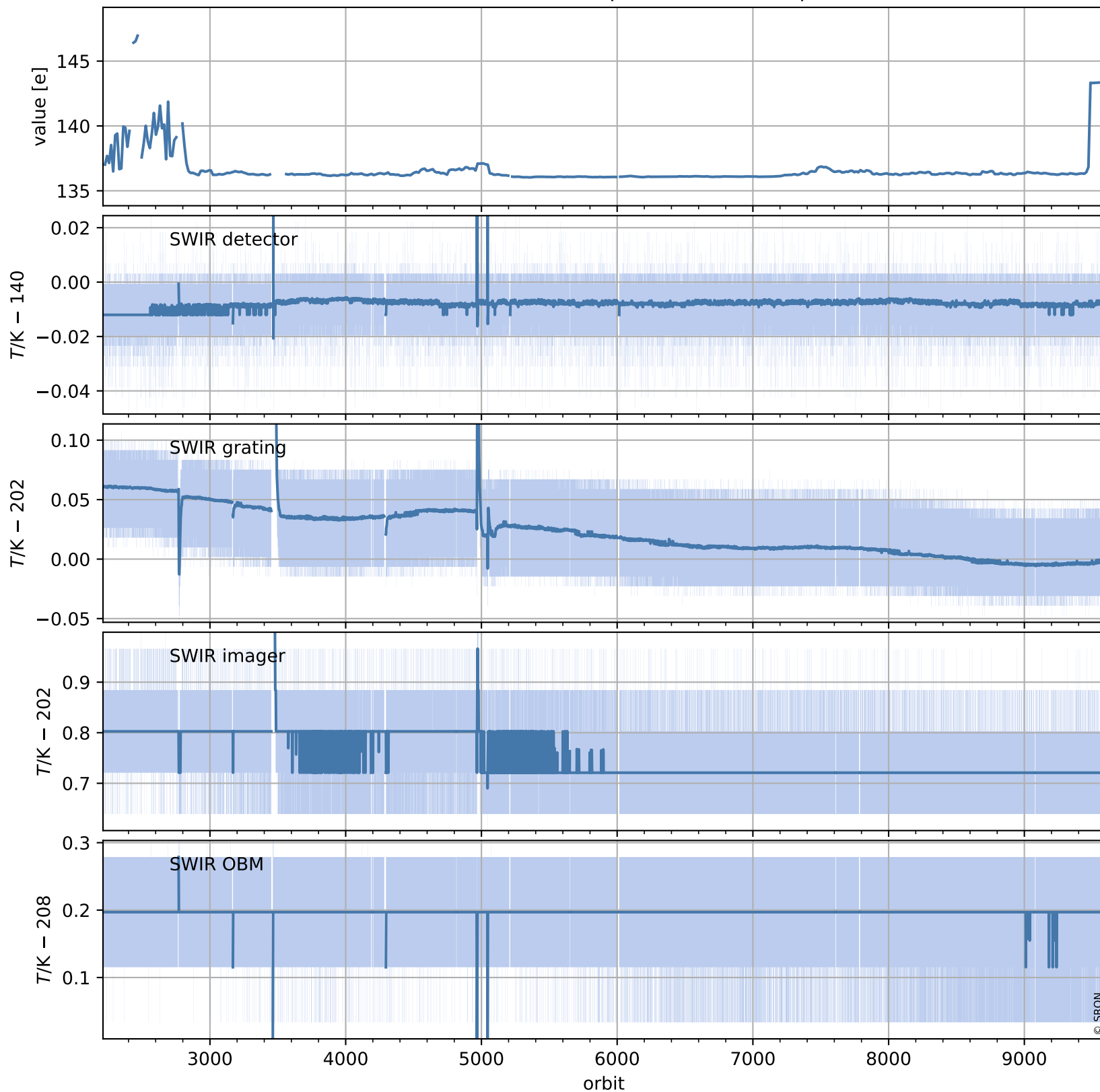
orbits : 12 in [9502, 9592]
coverage : 2019-08-14 / 2019-08-20
created : 2023-08-21T15:05:24



Tropomi SWIR background noise (swir)

orbits : [2212, 9592]
coverage : 2018-03-18 / 2019-08-20
created : 2023-08-21T15:05:25

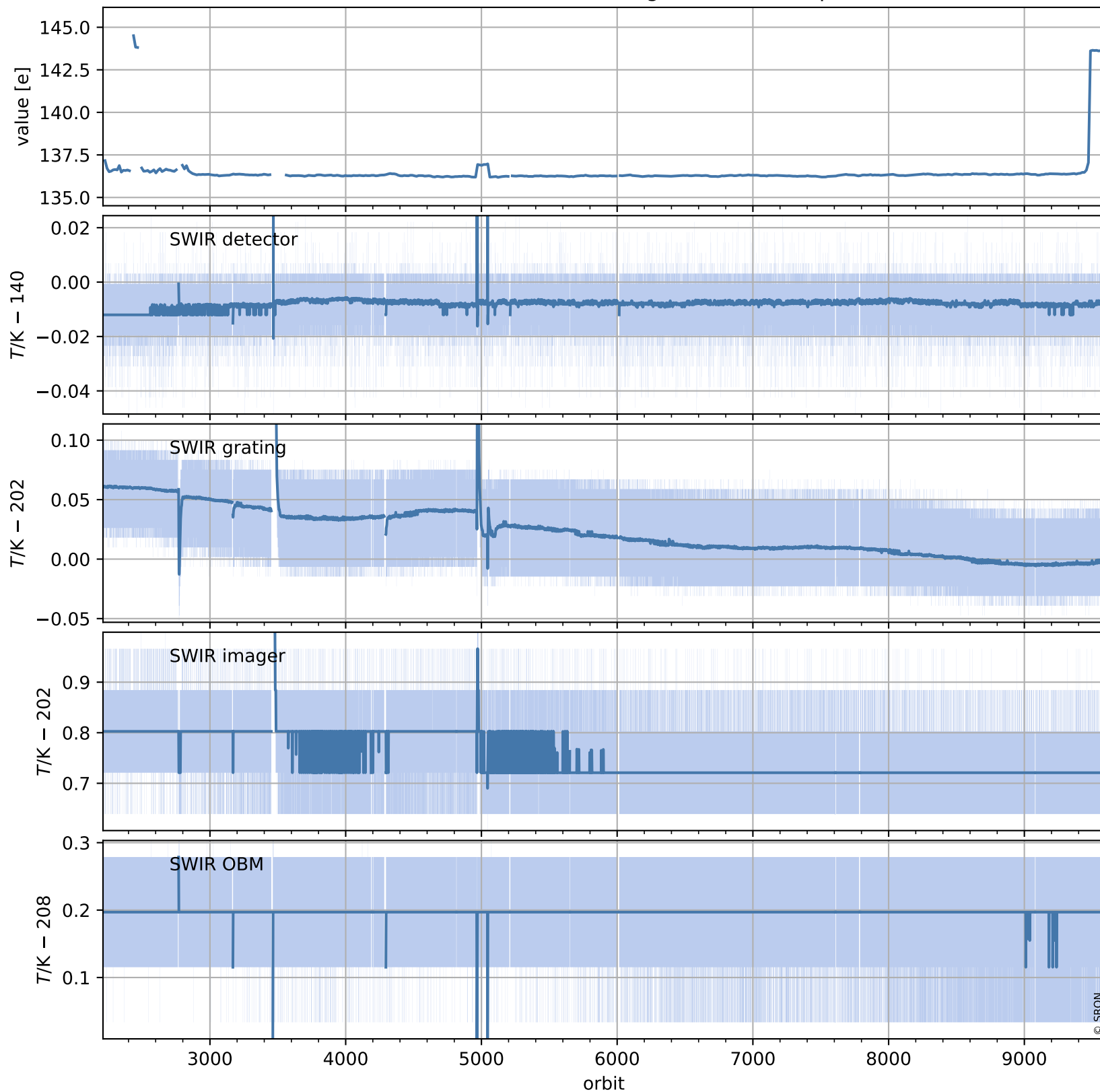
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9592]
coverage : 2018-03-18 / 2019-08-20
created : 2023-08-21T15:05:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9592]
coverage : 2018-03-18 / 2019-08-20
created : 2023-08-21T15:05:26

trend of normalized read-noise & temperatures

