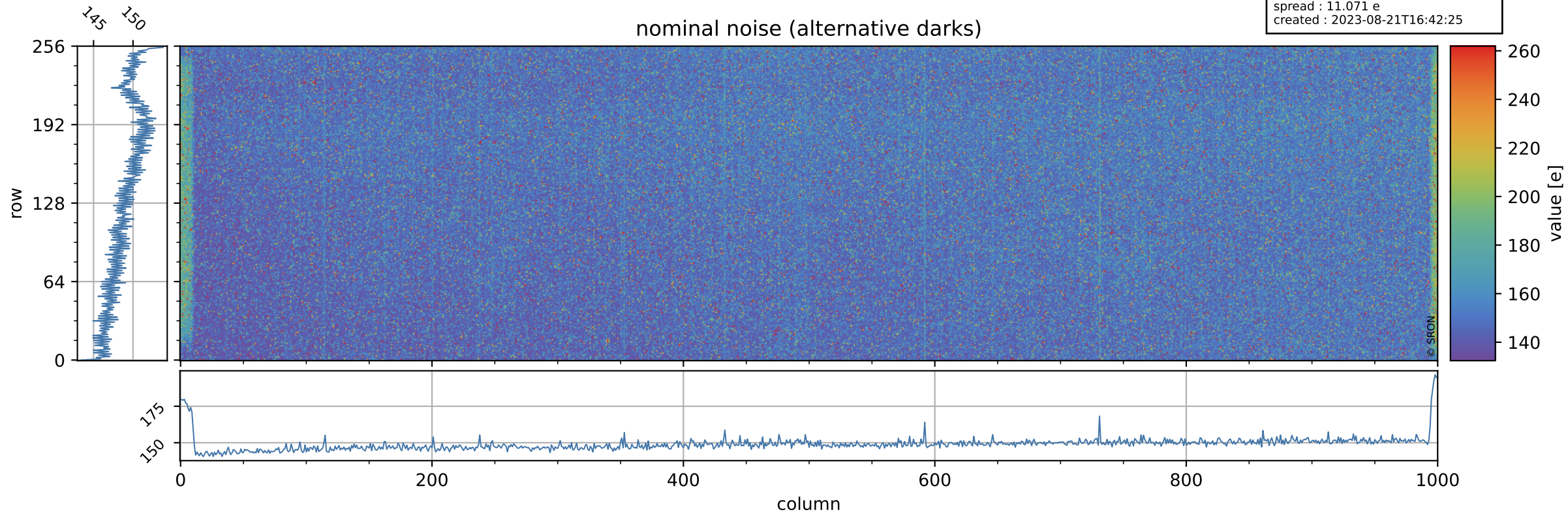


Tropomi SWIR background noise (swir)

orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
n_coad, t_exp : 1, 1.0783
median : 148.88 e
spread : 11.071 e
created : 2023-08-21T16:42:25

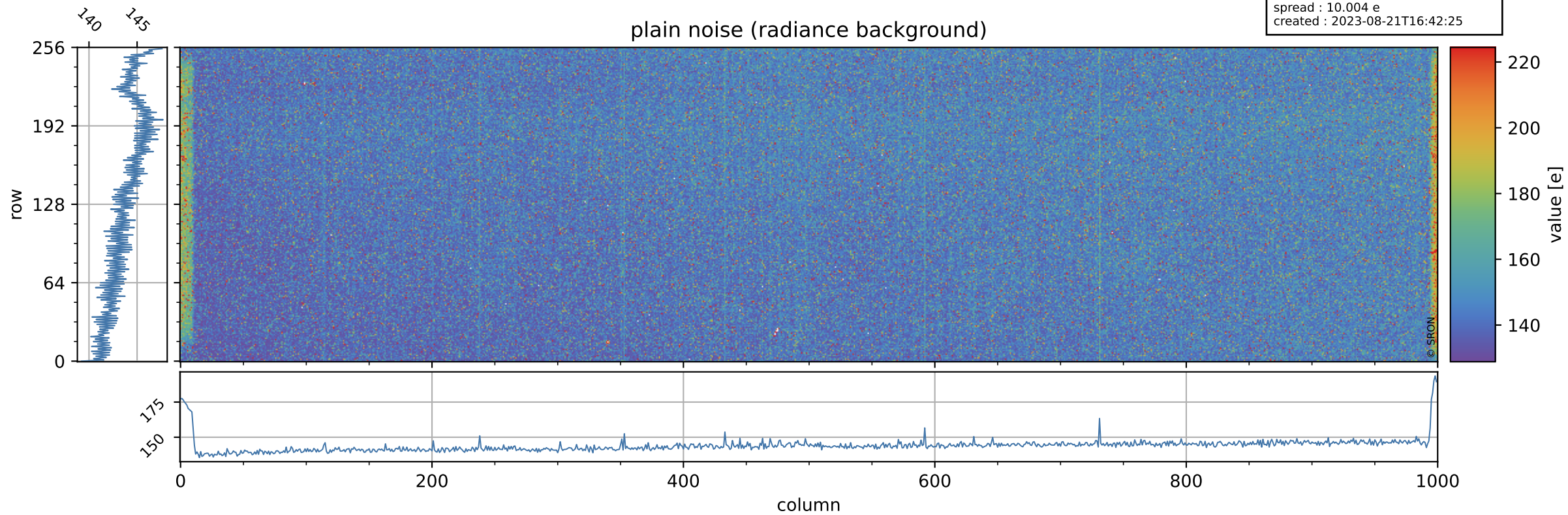
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 10.004 e
created : 2023-08-21T16:42:25

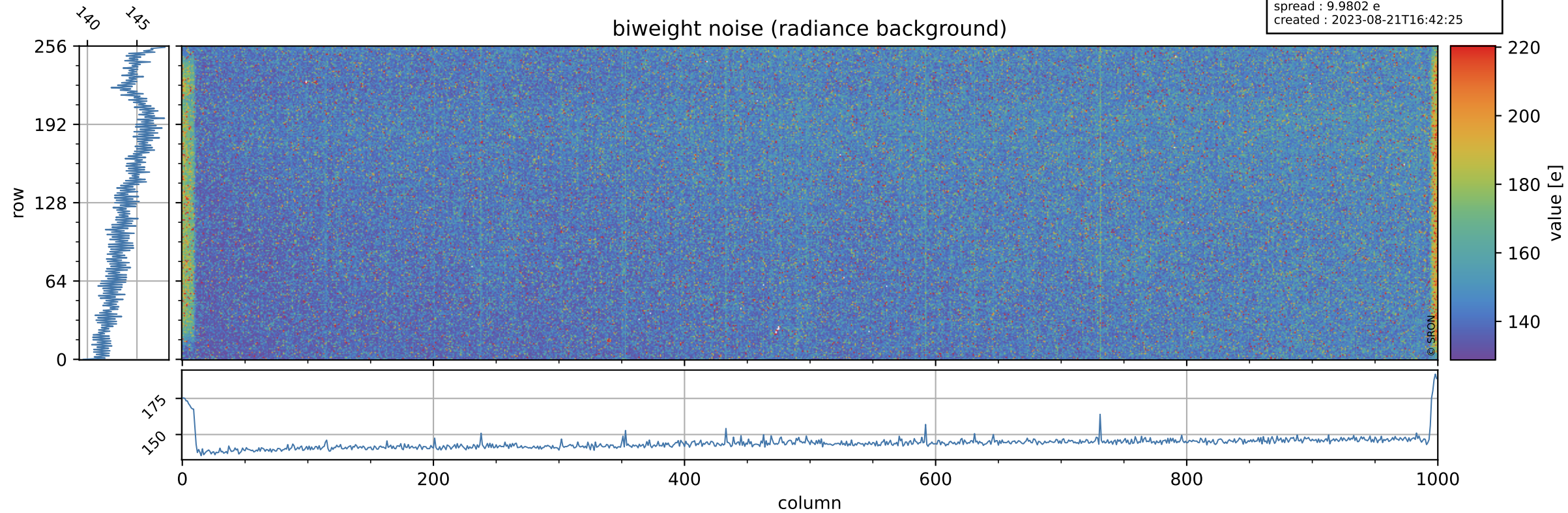
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9802 e
created : 2023-08-21T16:42:25

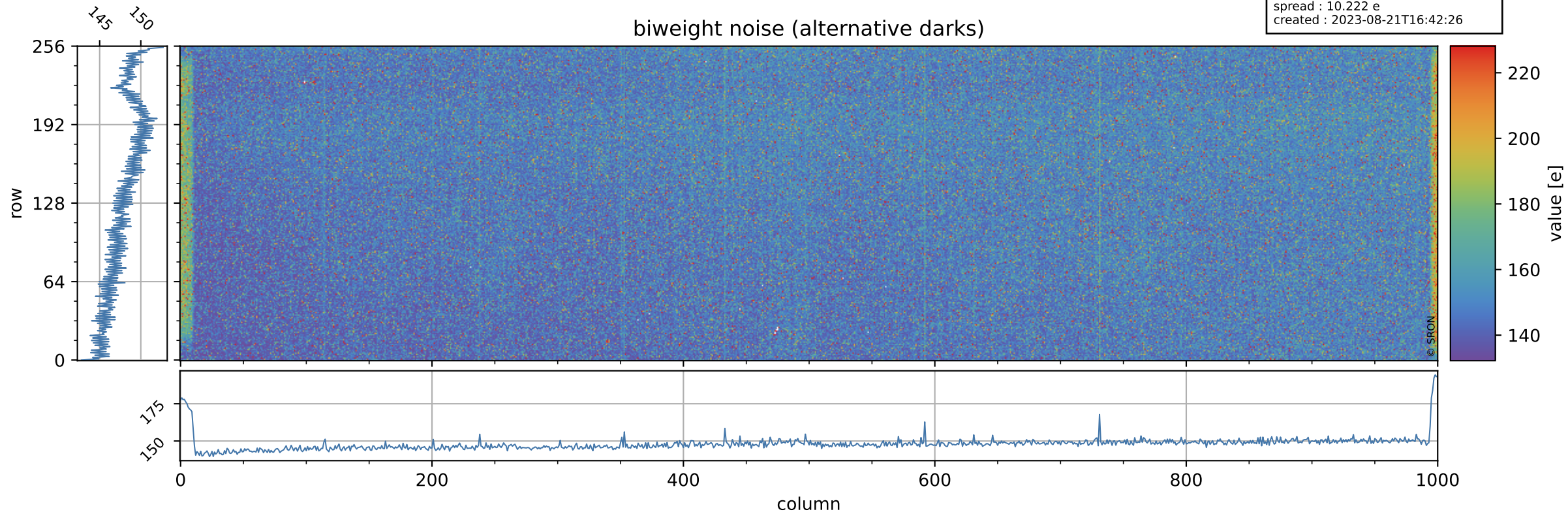
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.222 e
created : 2023-08-21T16:42:26

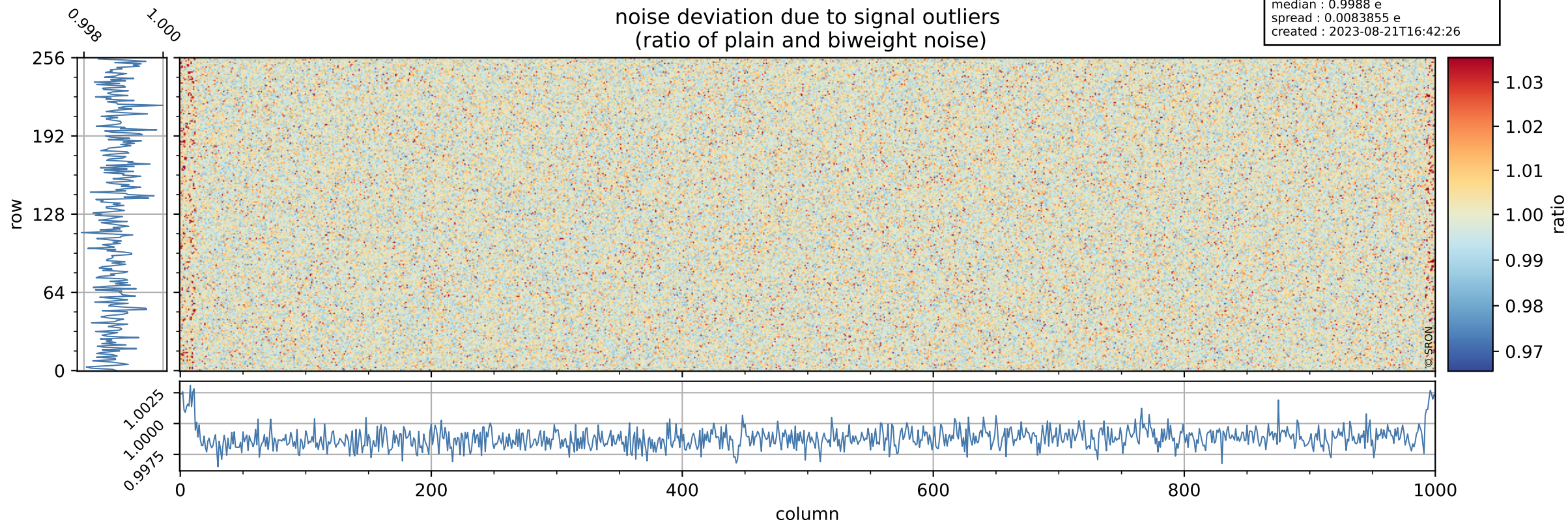
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

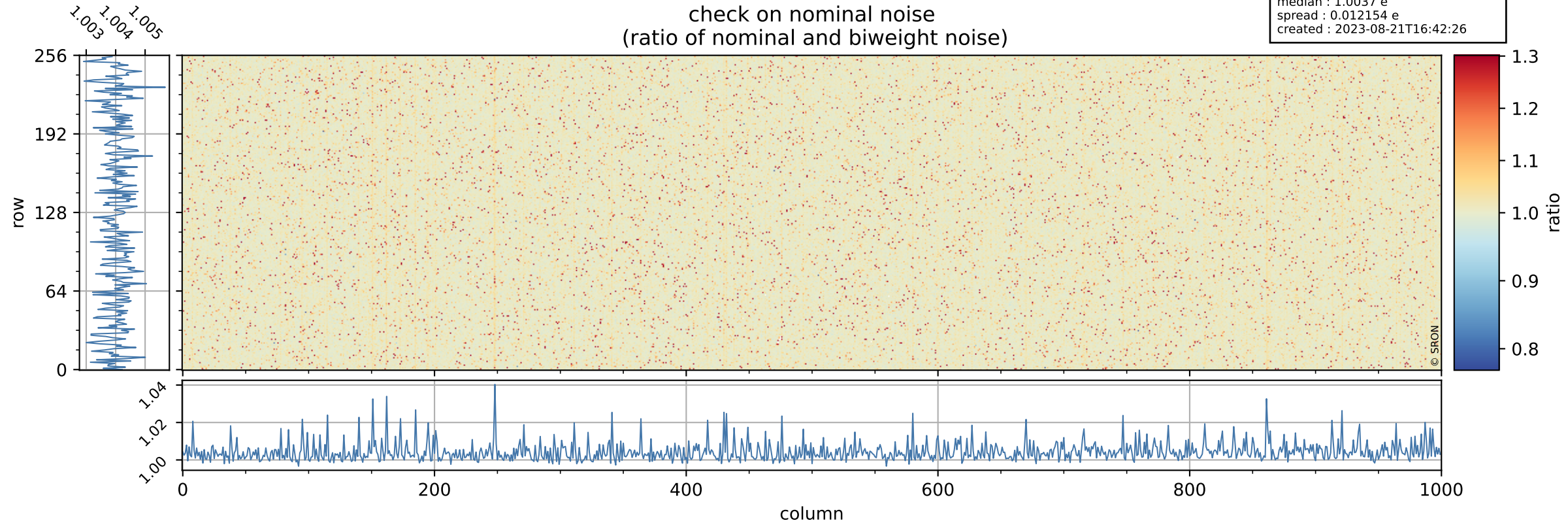
orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
median : 0.9988 e
spread : 0.0083855 e
created : 2023-08-21T16:42:26



Tropomi SWIR background noise (swir)

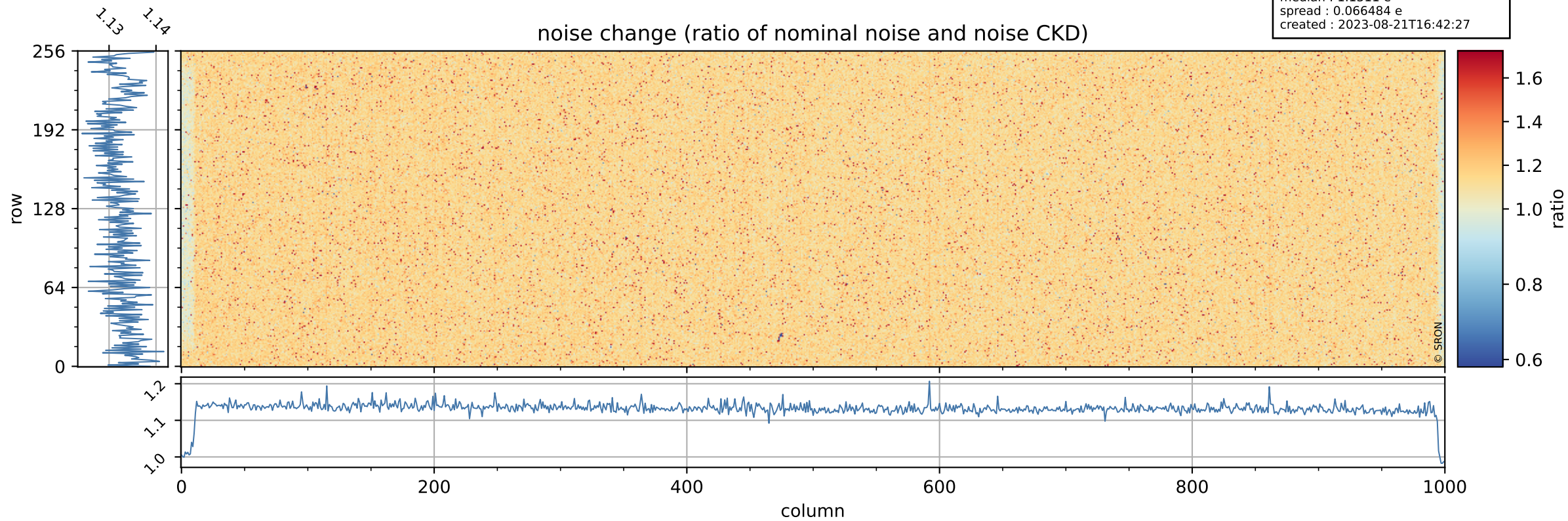
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
median : 1.0037 e
spread : 0.012154 e
created : 2023-08-21T16:42:26



Tropomi SWIR background noise (swir)

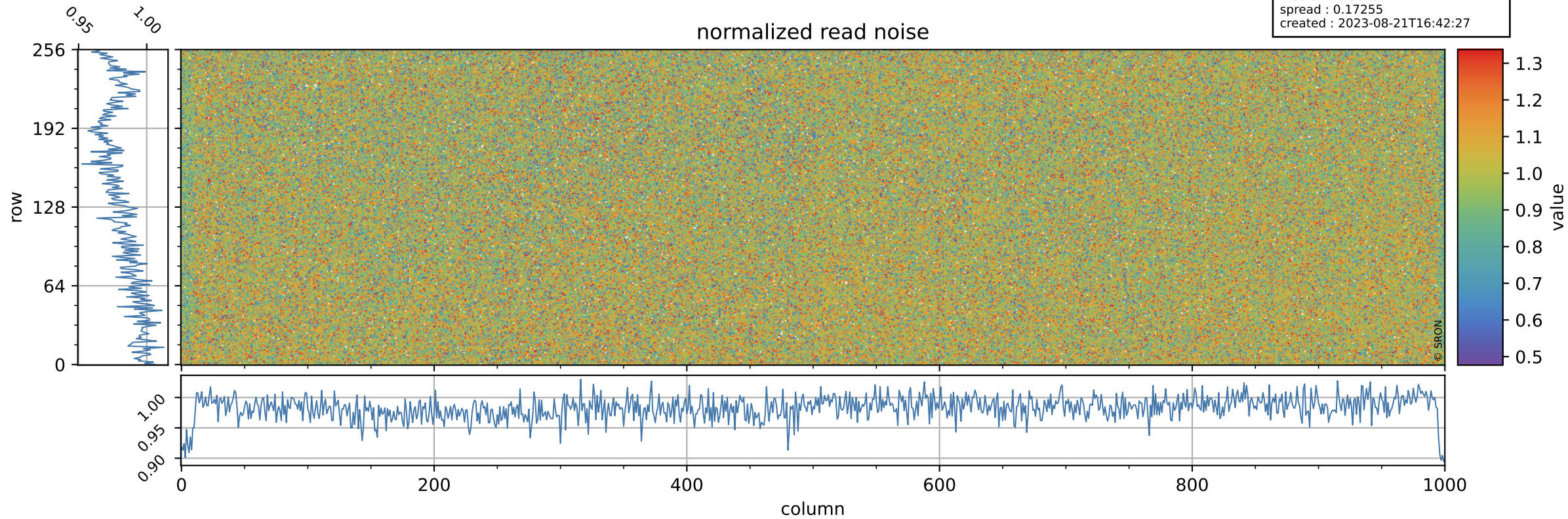
orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
median : 1.1311 e
spread : 0.066484 e
created : 2023-08-21T16:42:27



Tropomi SWIR background noise (swir)

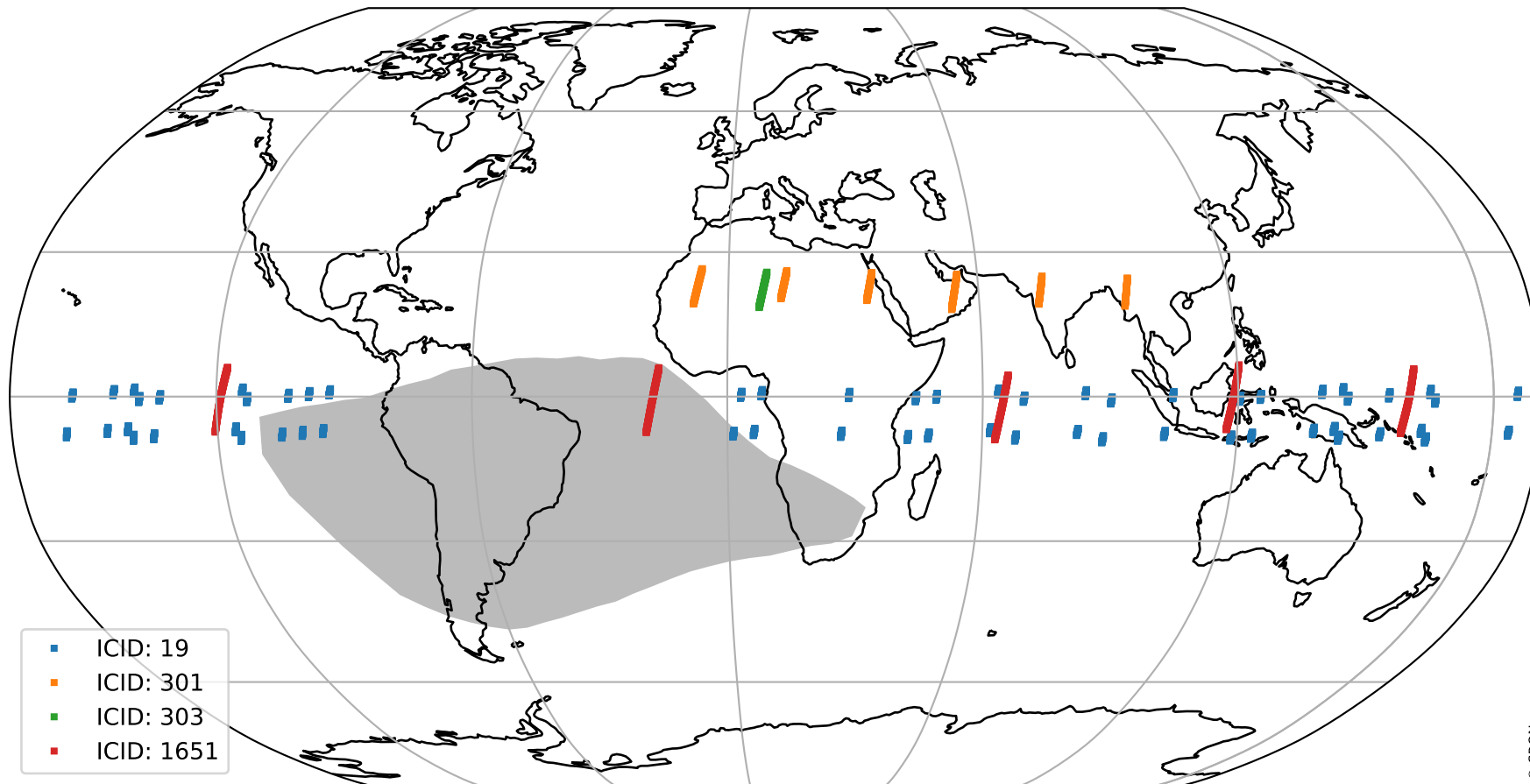
orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
median : 0.98154
spread : 0.17255
created : 2023-08-21T16:42:27

normalized read noise



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

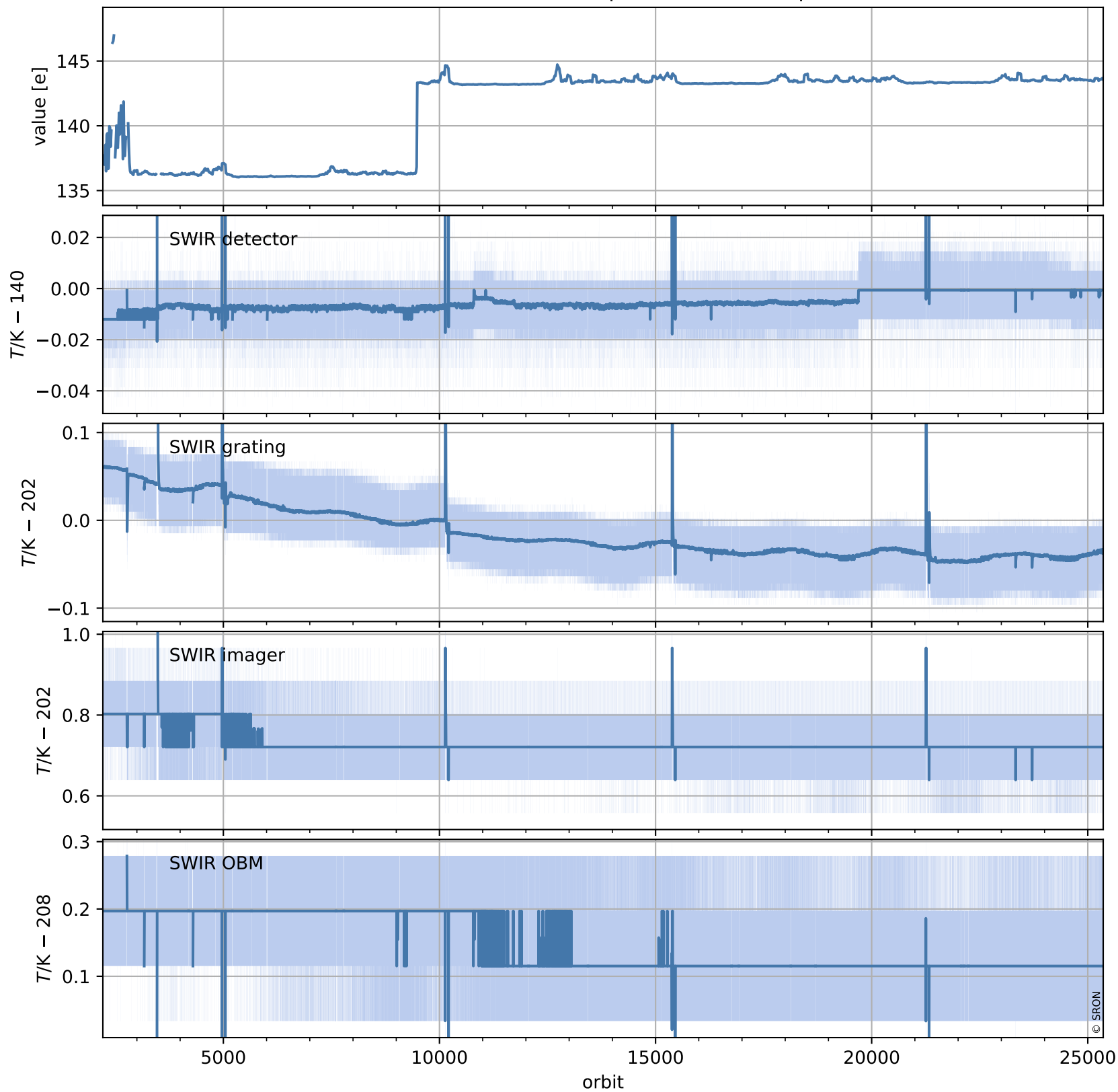
orbits : 12 in [25267, 25357]
coverage : 2022-08-29 / 2022-09-04
created : 2023-08-21T16:42:27



Tropomi SWIR background noise (swir)

orbits : [2212, 25357]
coverage : 2018-03-18 / 2022-09-04
created : 2023-08-21T16:42:28

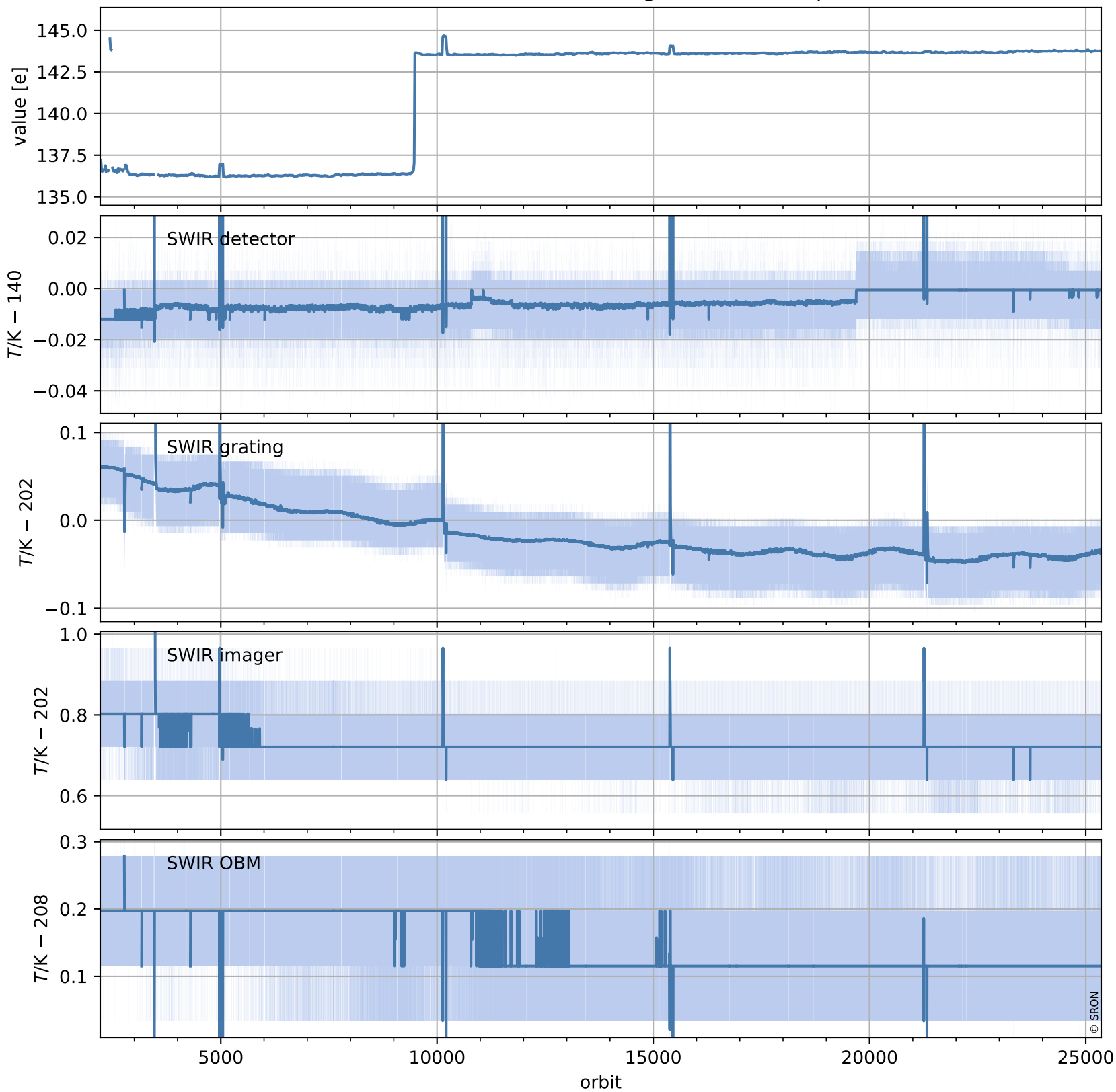
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25357]
coverage : 2018-03-18 / 2022-09-04
created : 2023-08-21T16:42:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25357]
coverage : 2018-03-18 / 2022-09-04
created : 2023-08-21T16:42:29

trend of normalized read-noise & temperatures

