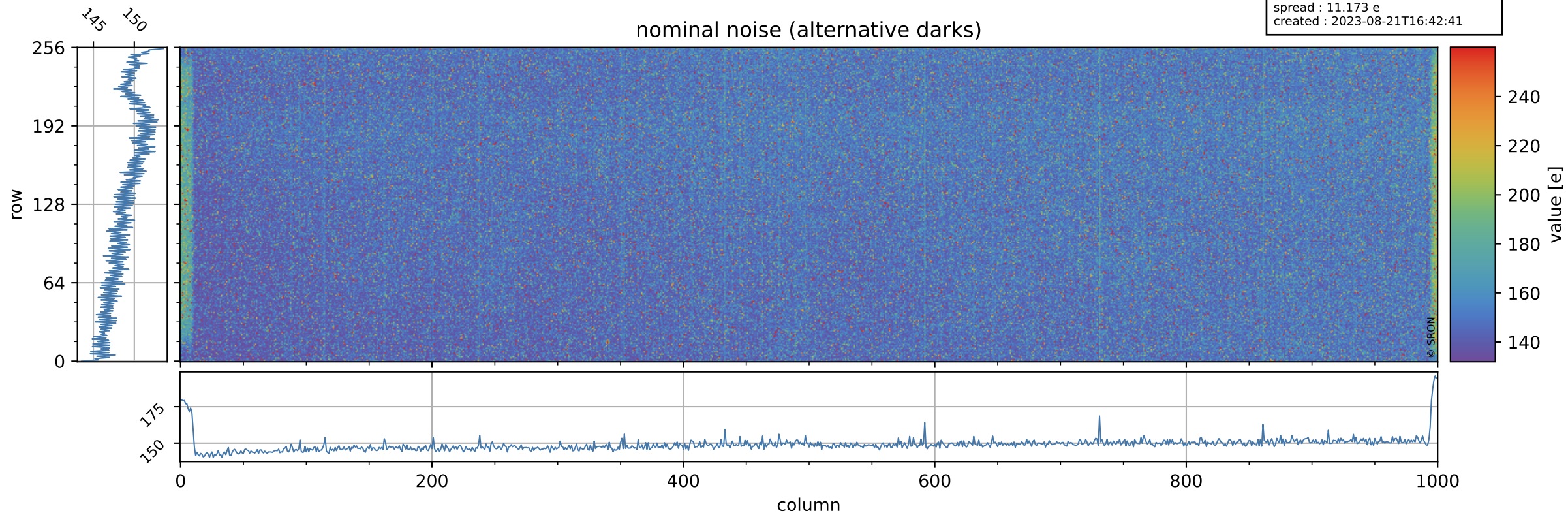


Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.173 e
created : 2023-08-21T16:42:41

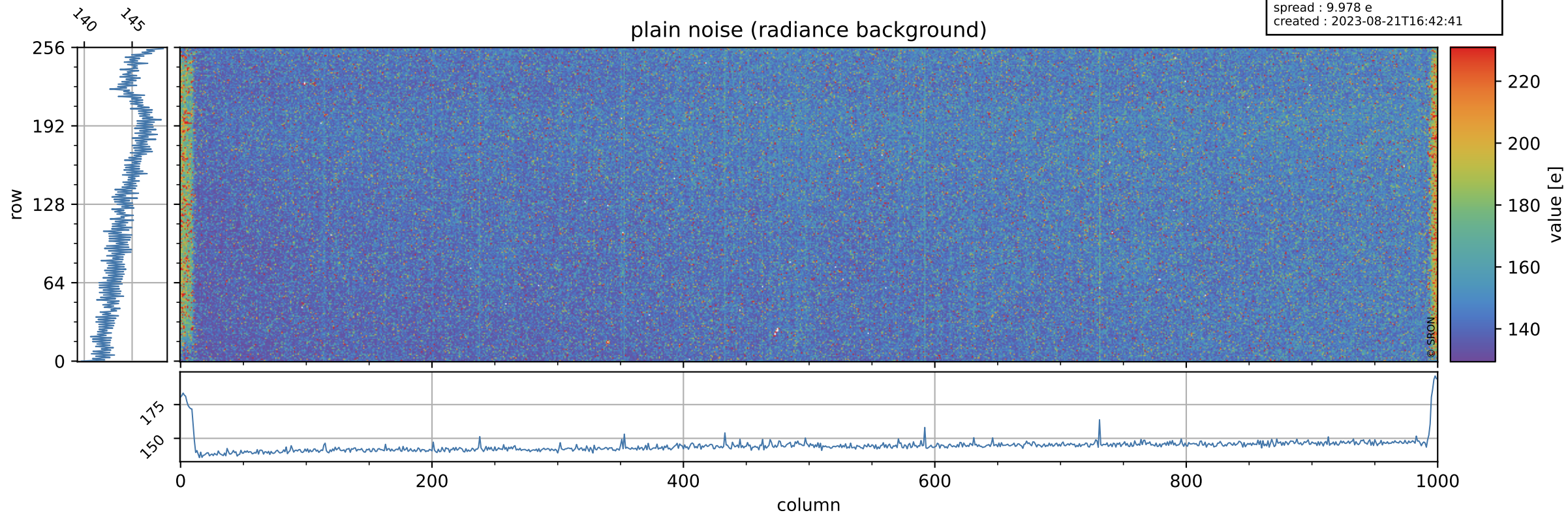
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
n_coad, t_exp : 1, 0.8383
median : 144.17 e
spread : 9.978 e
created : 2023-08-21T16:42:41

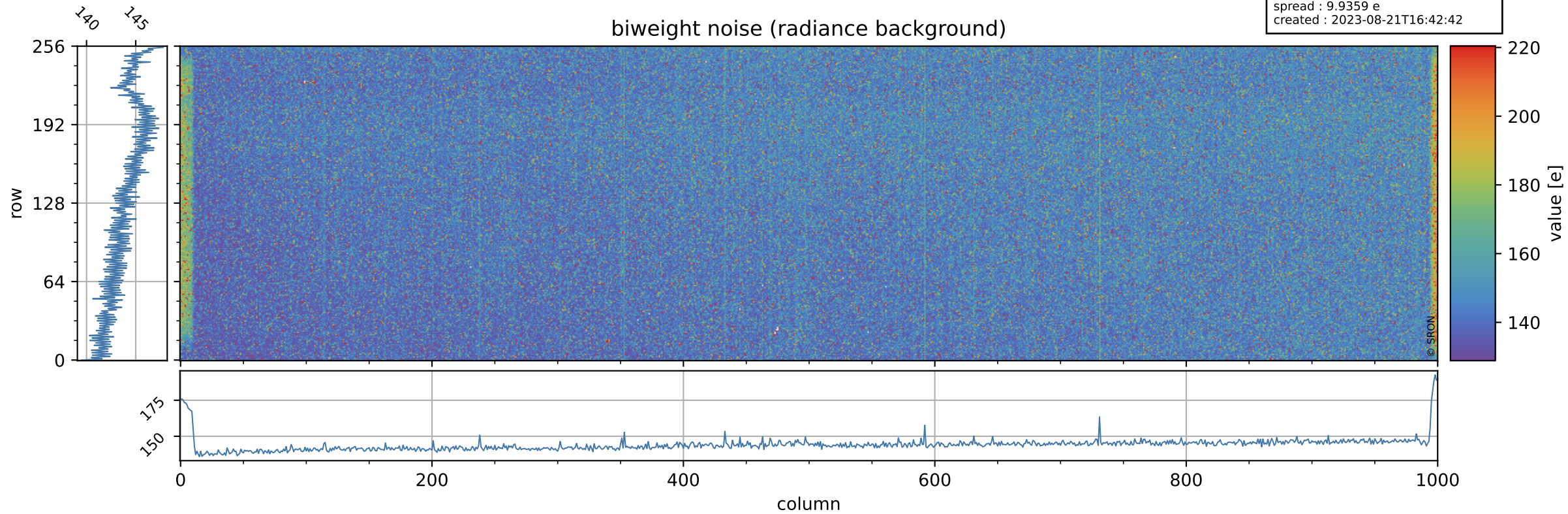
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9359 e
created : 2023-08-21T16:42:42

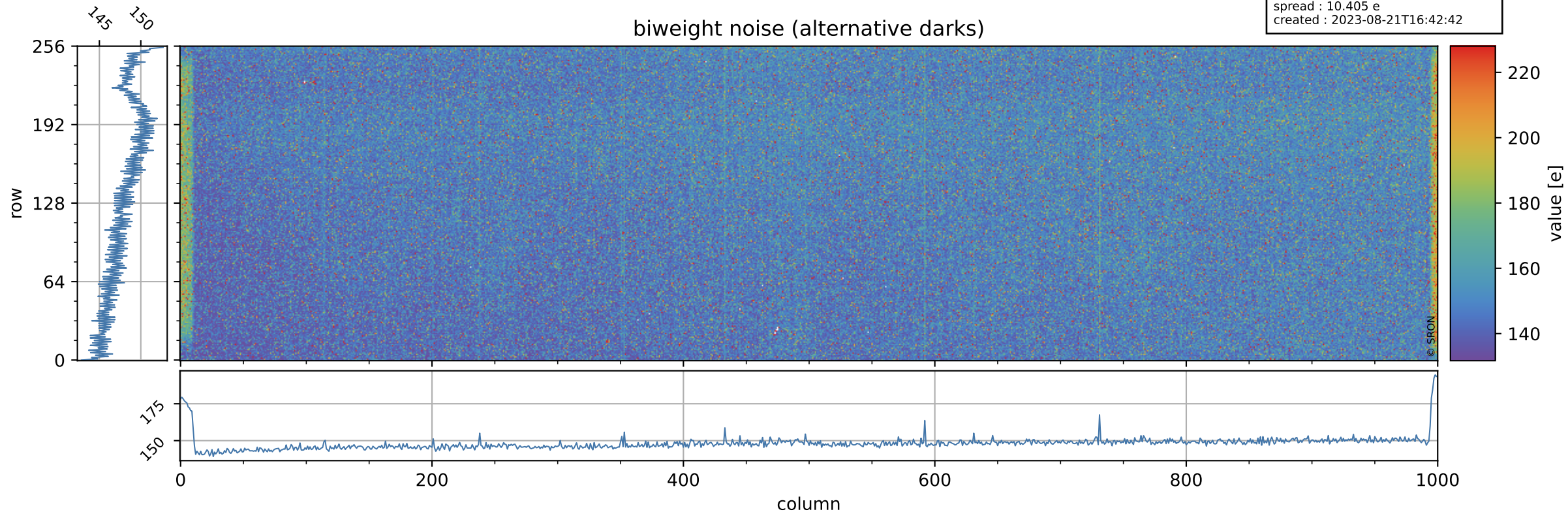
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
n_coad, t_exp : 1, 1.0783
median : 147.87 e
spread : 10.405 e
created : 2023-08-21T16:42:42

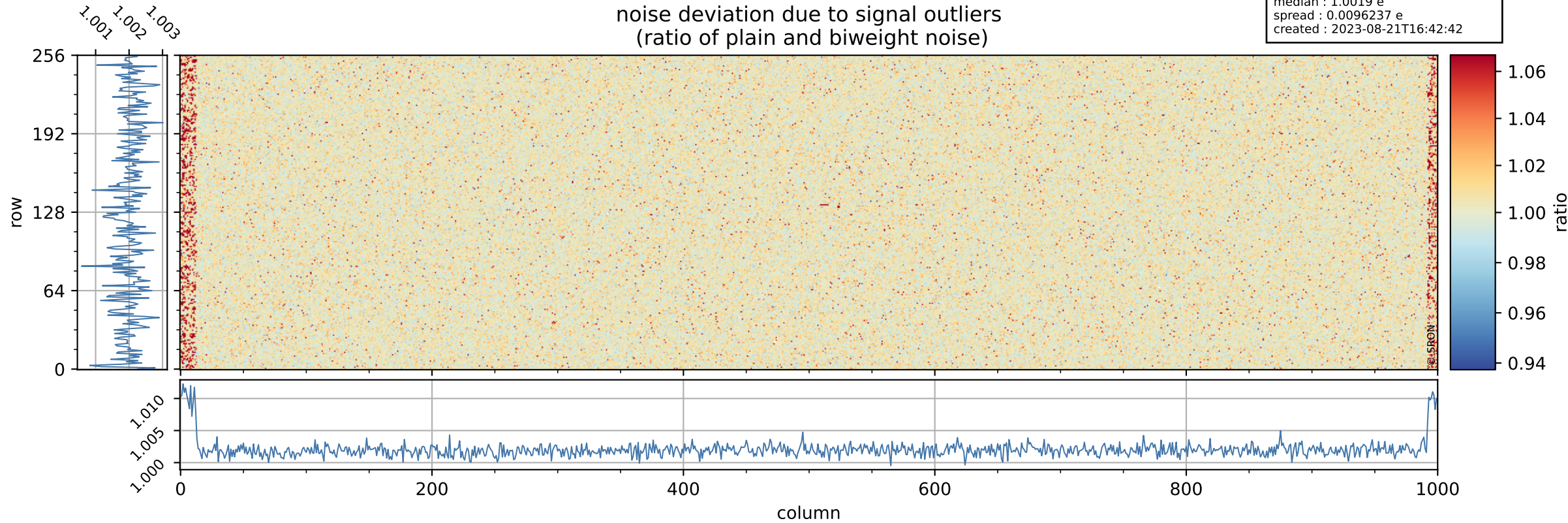
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

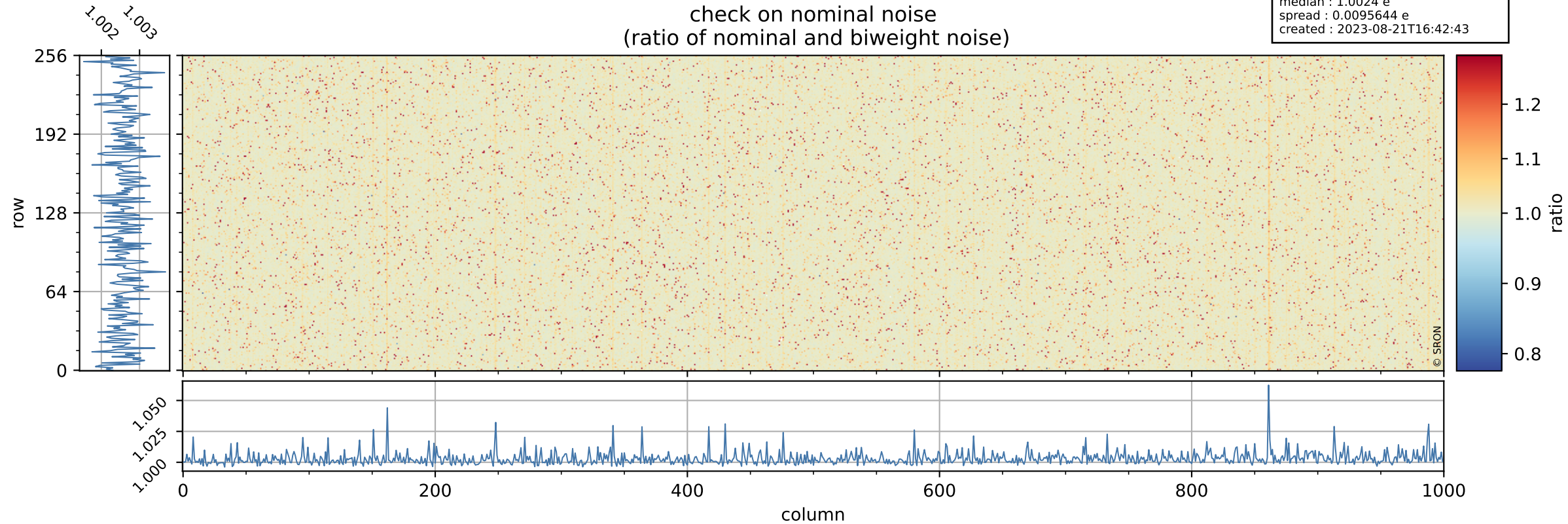
orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
median : 1.0019 e
spread : 0.0096237 e
created : 2023-08-21T16:42:42



Tropomi SWIR background noise (swir)

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

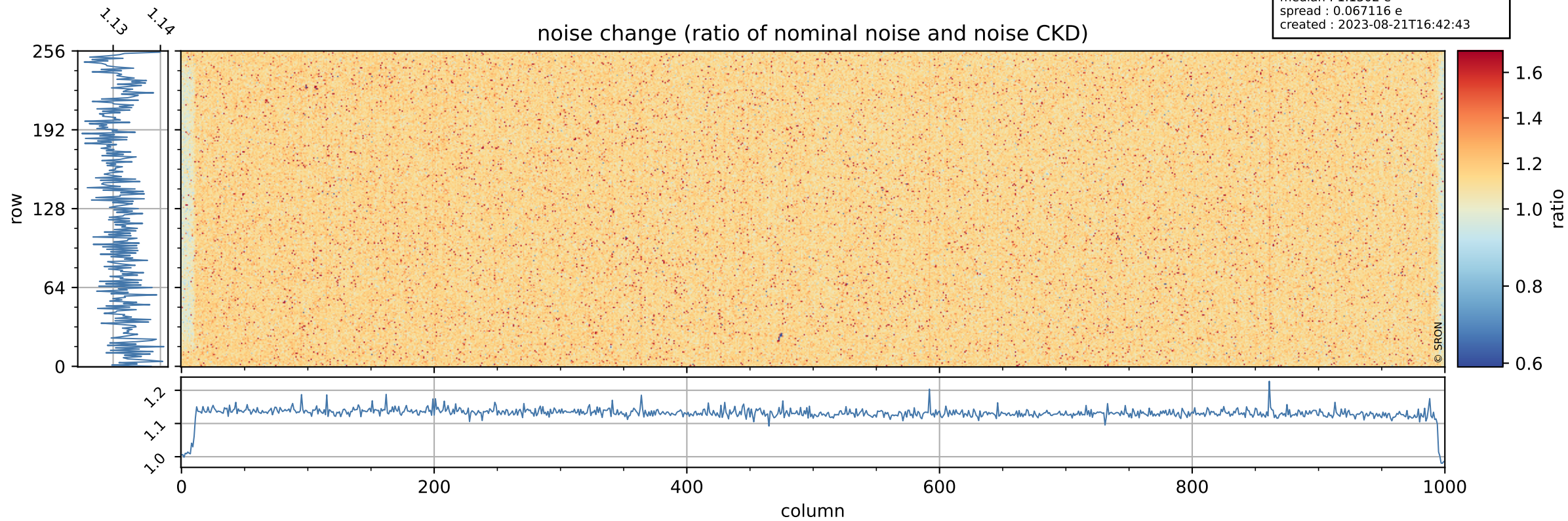
orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
median : 1.0024 e
spread : 0.0095644 e
created : 2023-08-21T16:42:43



Tropomi SWIR background noise (swir)

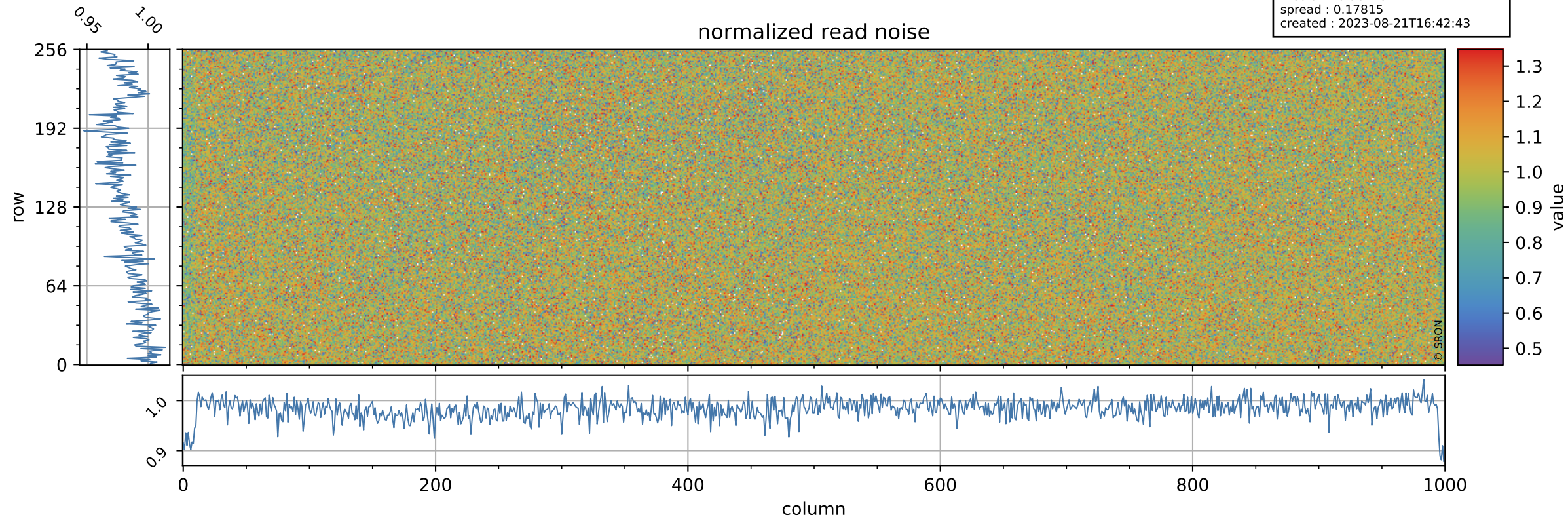
orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
median : 1.1302 e
spread : 0.067116 e
created : 2023-08-21T16:42:43

noise change (ratio of nominal noise and noise CKD)



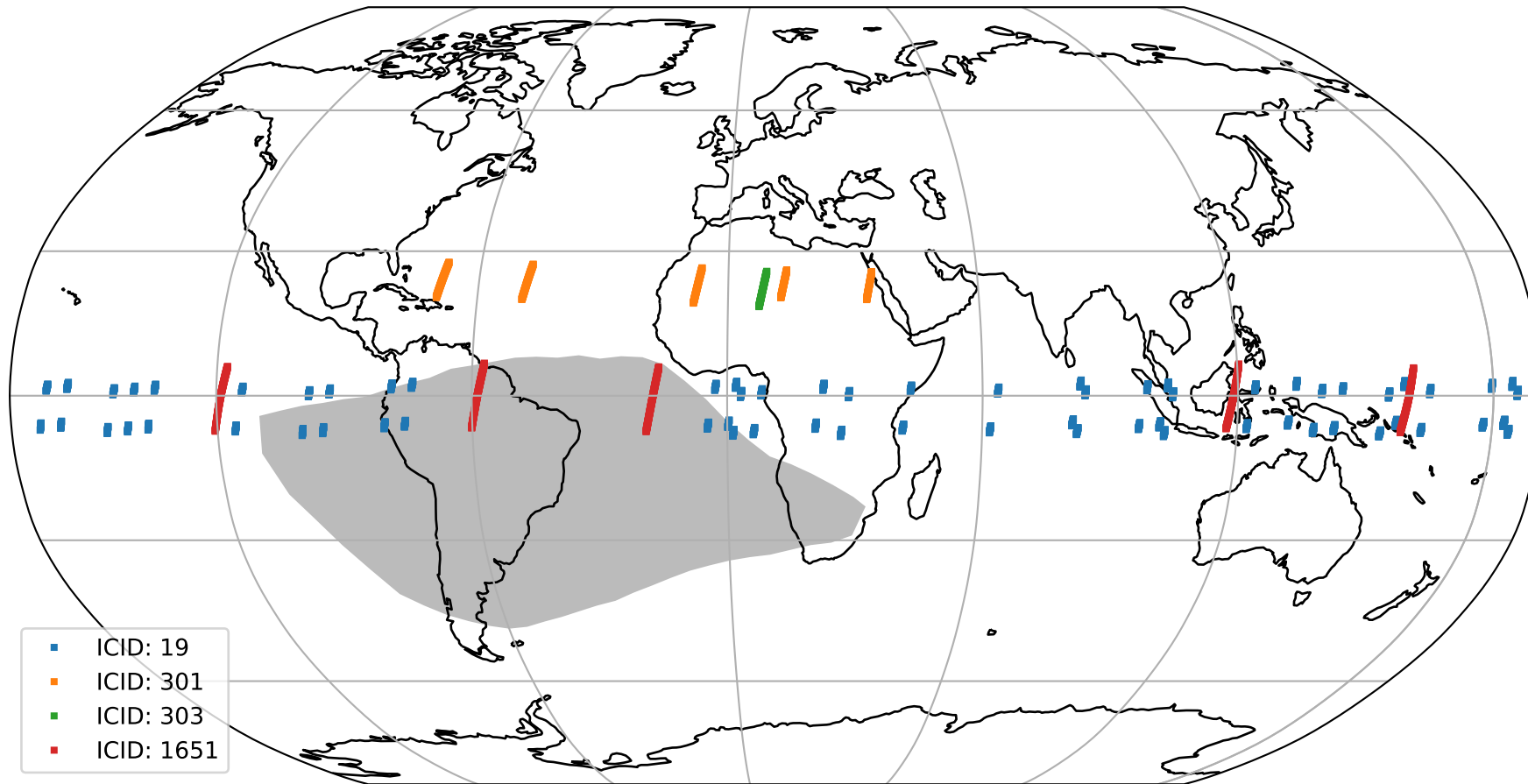
Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
median : 0.98229
spread : 0.17815
created : 2023-08-21T16:42:43



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

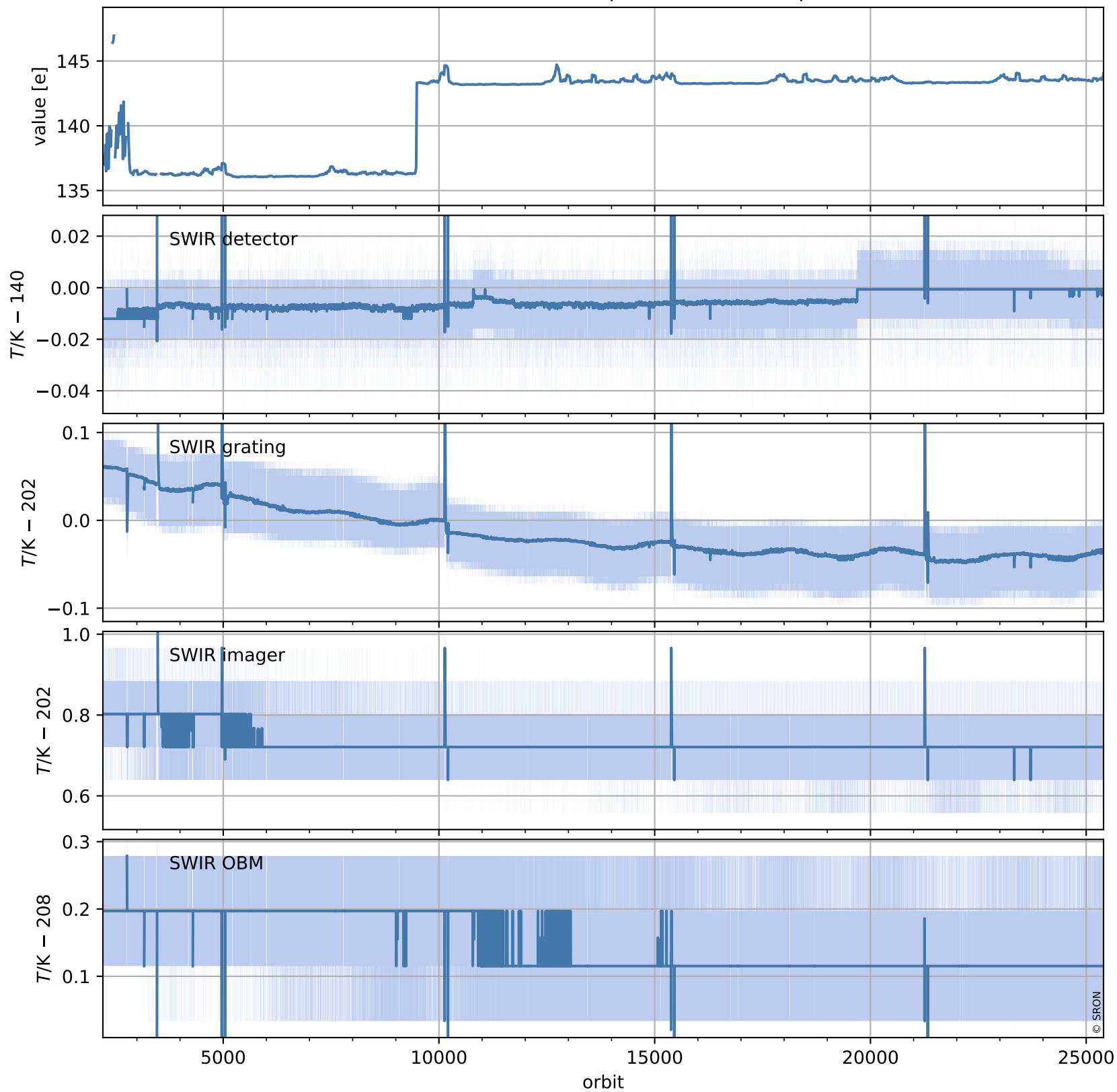
orbits : 11 in [25327, 25402]
coverage : 2022-09-01 / 2022-09-07
created : 2023-08-21T16:42:43



Tropomi SWIR background noise (swir)

orbits : [2212, 25402]
coverage : 2018-03-18 / 2022-09-07
created : 2023-08-21T16:42:44

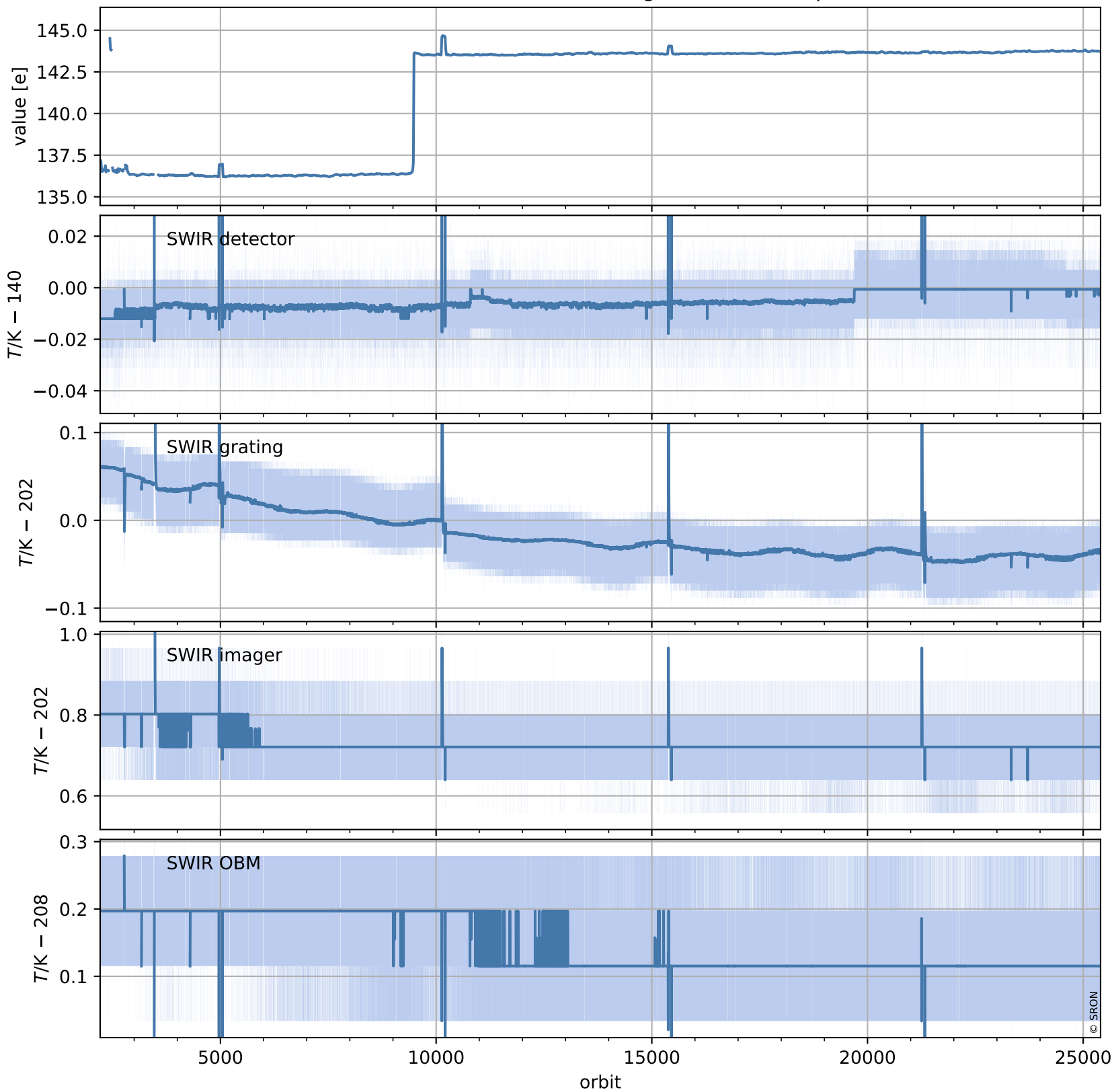
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25402]
coverage : 2018-03-18 / 2022-09-07
created : 2023-08-21T16:42:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25402]
coverage : 2018-03-18 / 2022-09-07
created : 2023-08-21T16:42:46

trend of normalized read-noise & temperatures

