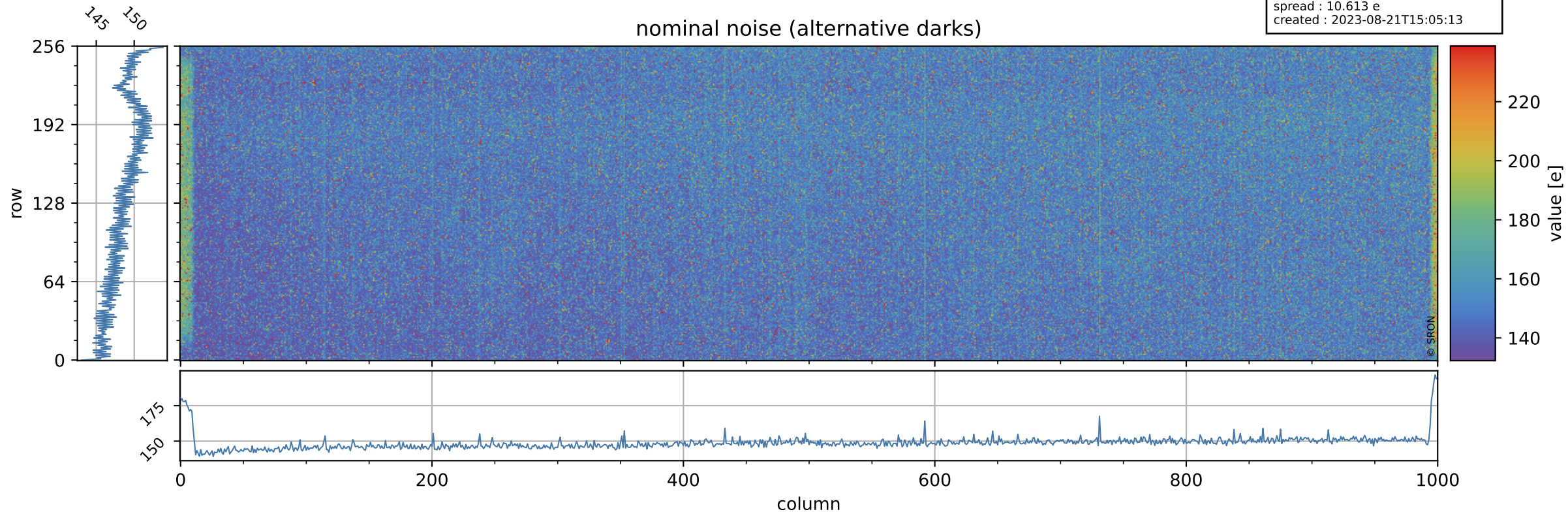


Tropomi SWIR background noise (swir)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
n_coad, t_exp : 1, 1.0783
median : 148.51 e
spread : 10.613 e
created : 2023-08-21T15:05:13

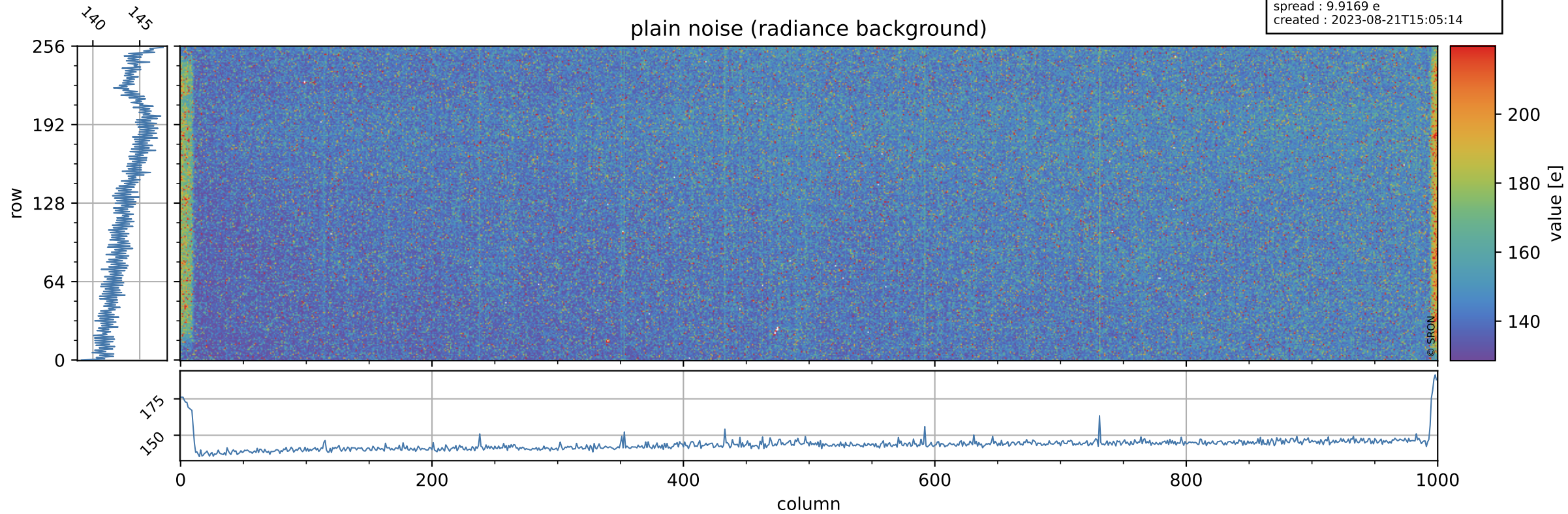
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.9169 e
created : 2023-08-21T15:05:14

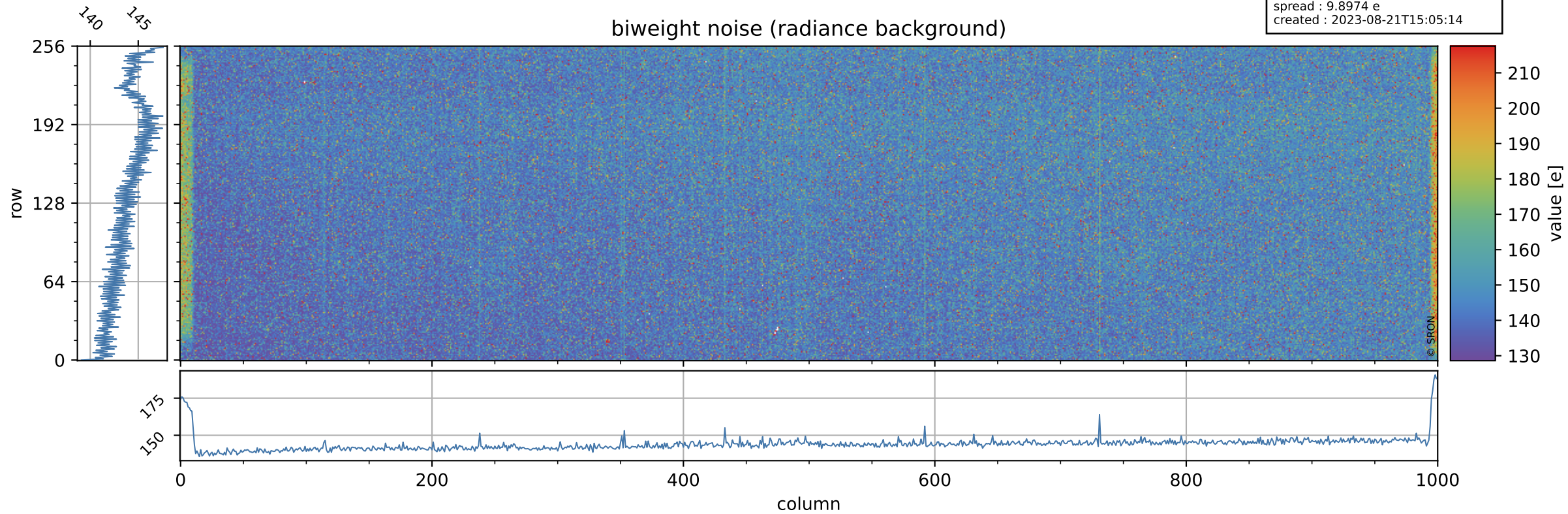
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8974 e
created : 2023-08-21T15:05:14

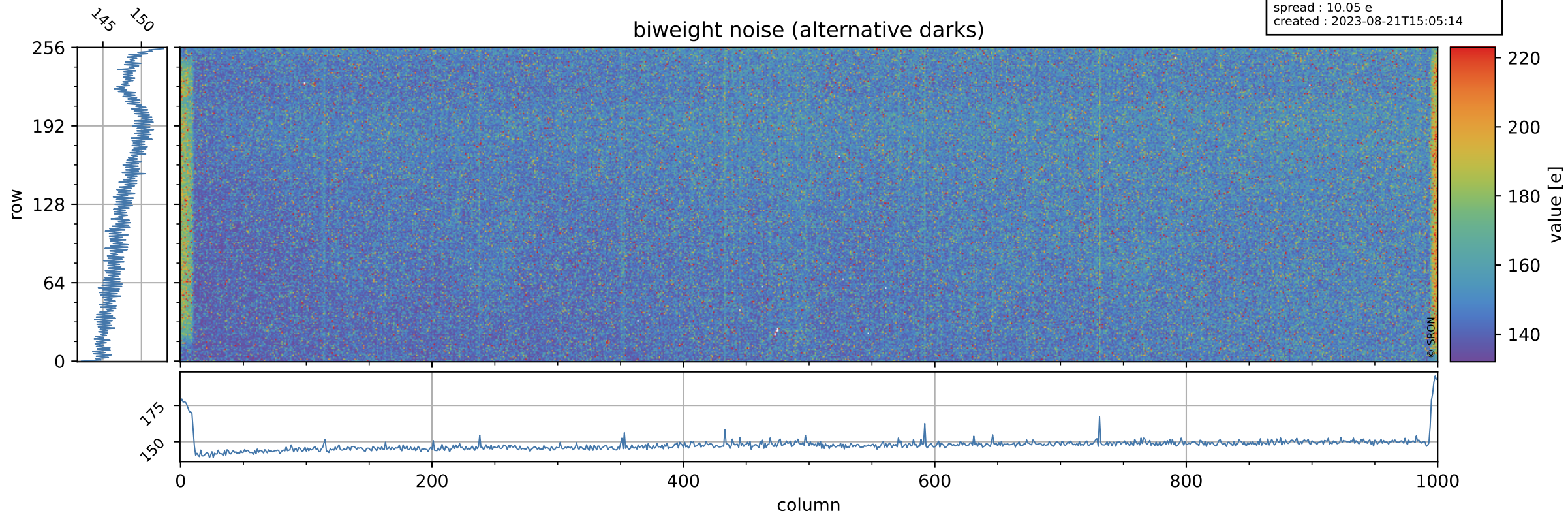
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.05 e
created : 2023-08-21T15:05:14

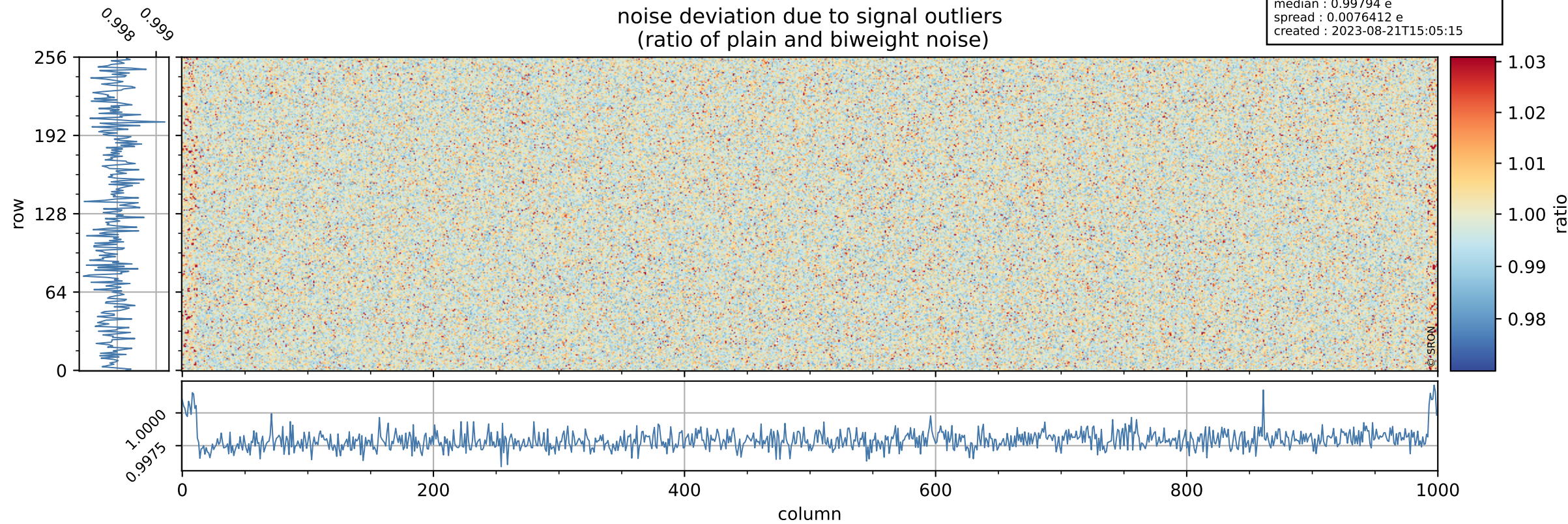
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

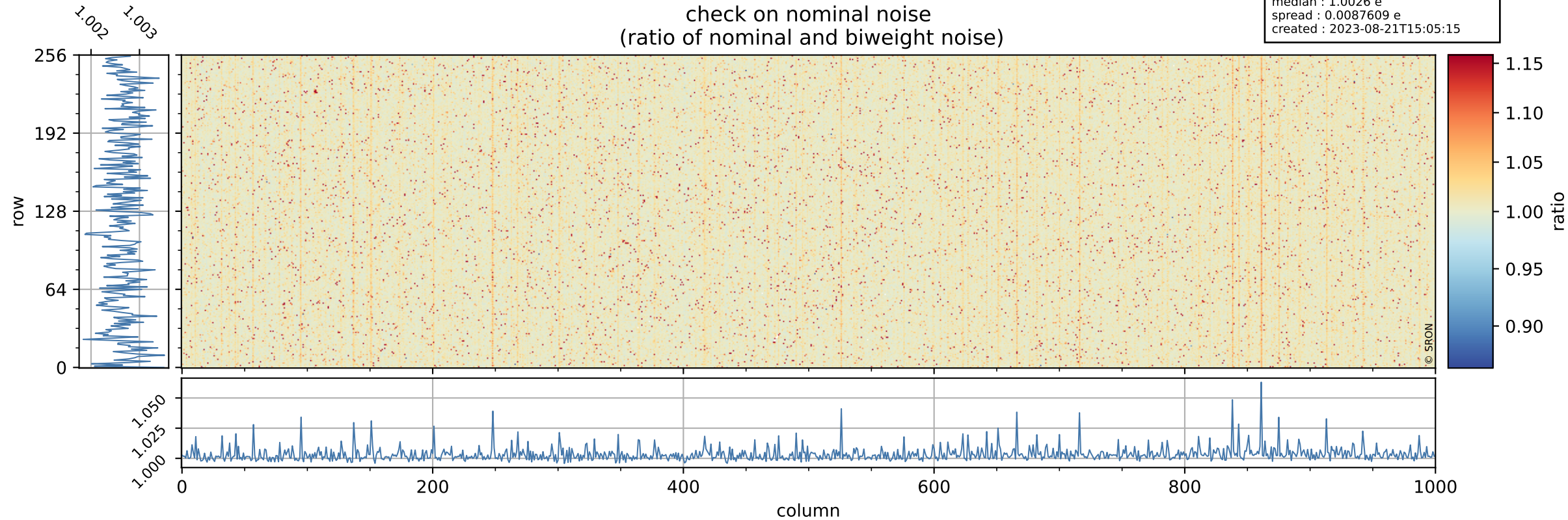
orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
median : 0.99794 e
spread : 0.0076412 e
created : 2023-08-21T15:05:15



Tropomi SWIR background noise (swir)

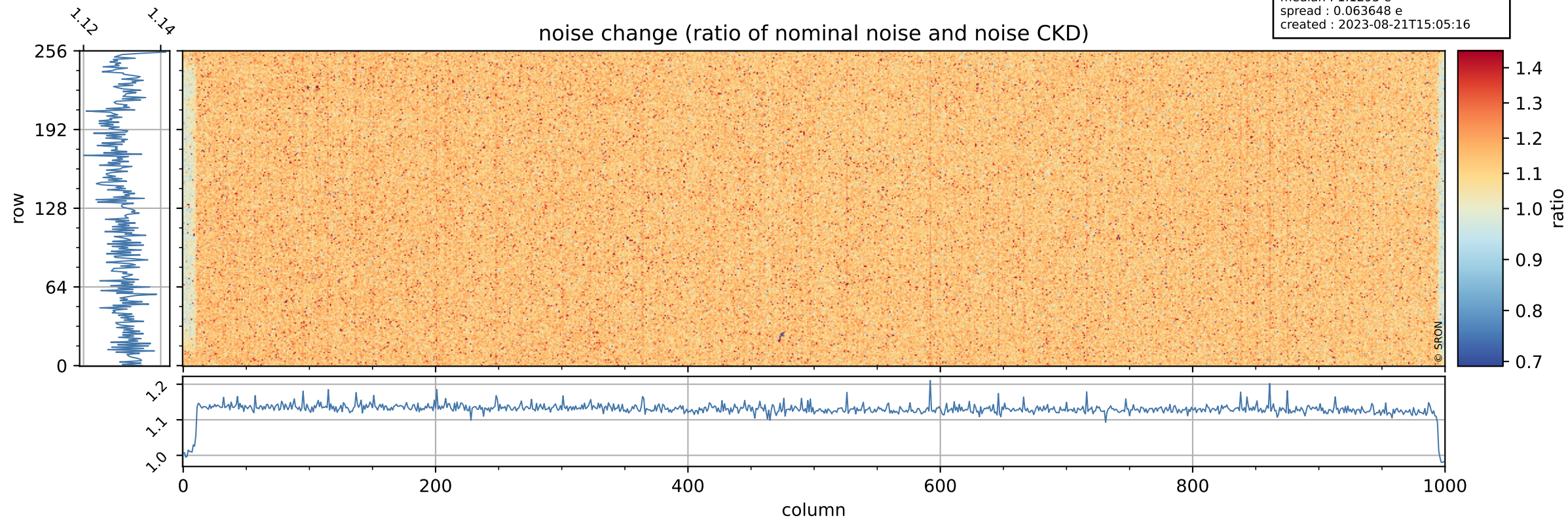
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
median : 1.0026 e
spread : 0.0087609 e
created : 2023-08-21T15:05:15



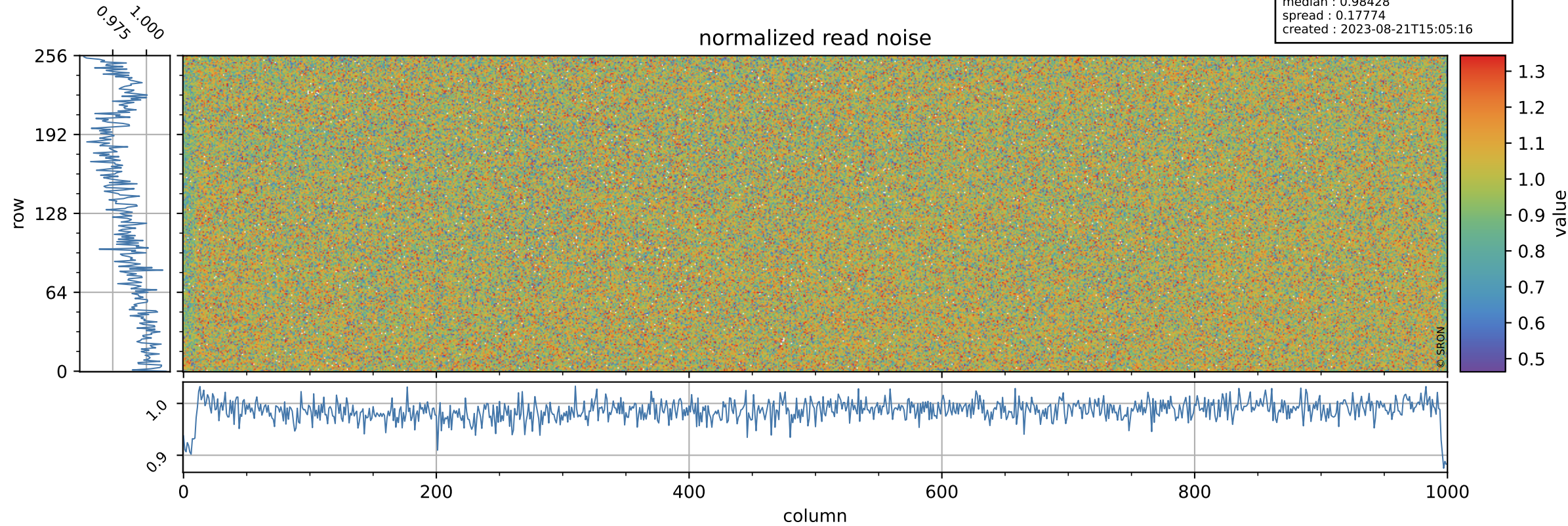
Tropomi SWIR background noise (swir)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
median : 1.1295 e
spread : 0.063648 e
created : 2023-08-21T15:05:16



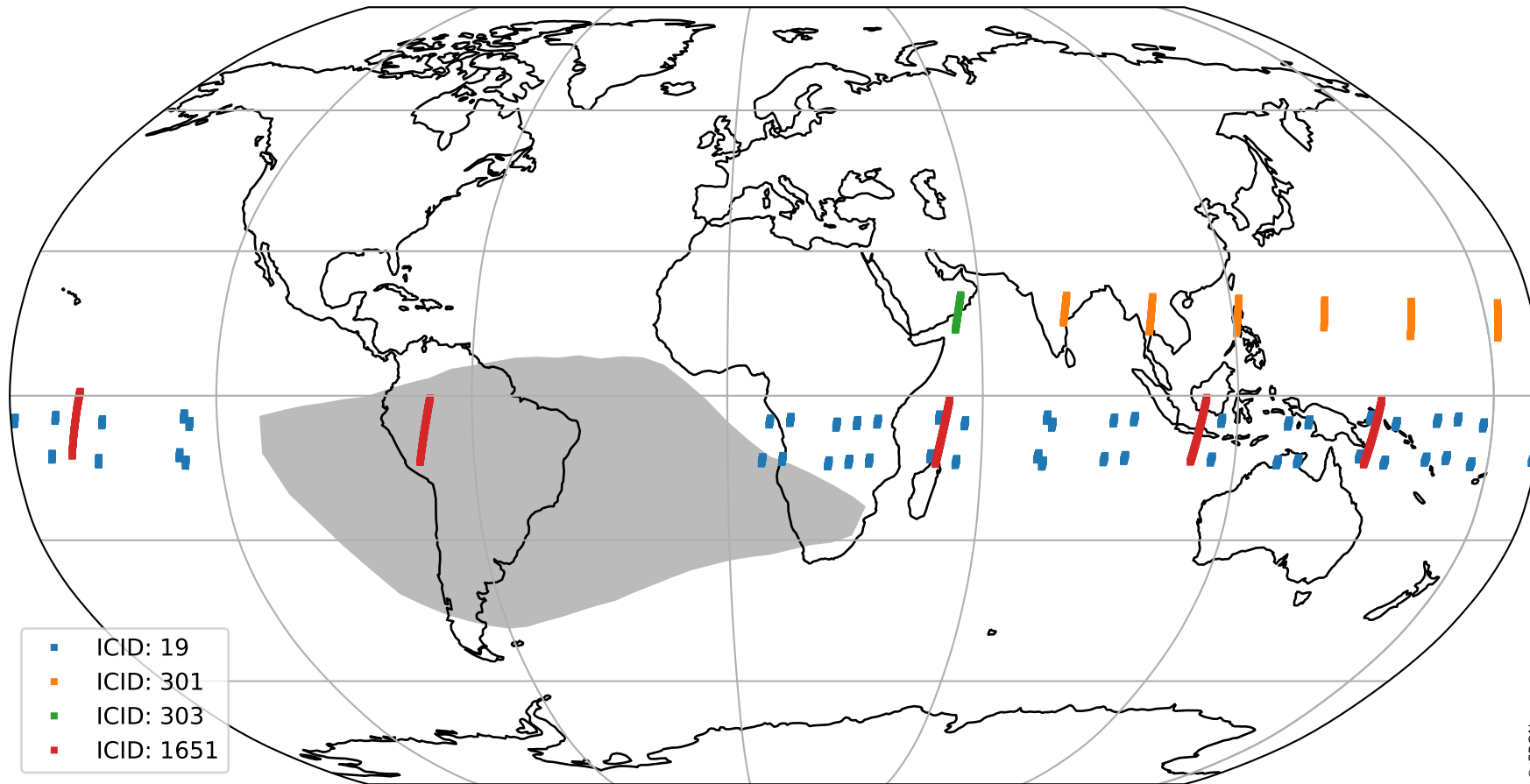
Tropomi SWIR background noise (swir)

orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
median : 0.98428
spread : 0.17774
created : 2023-08-21T15:05:16



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

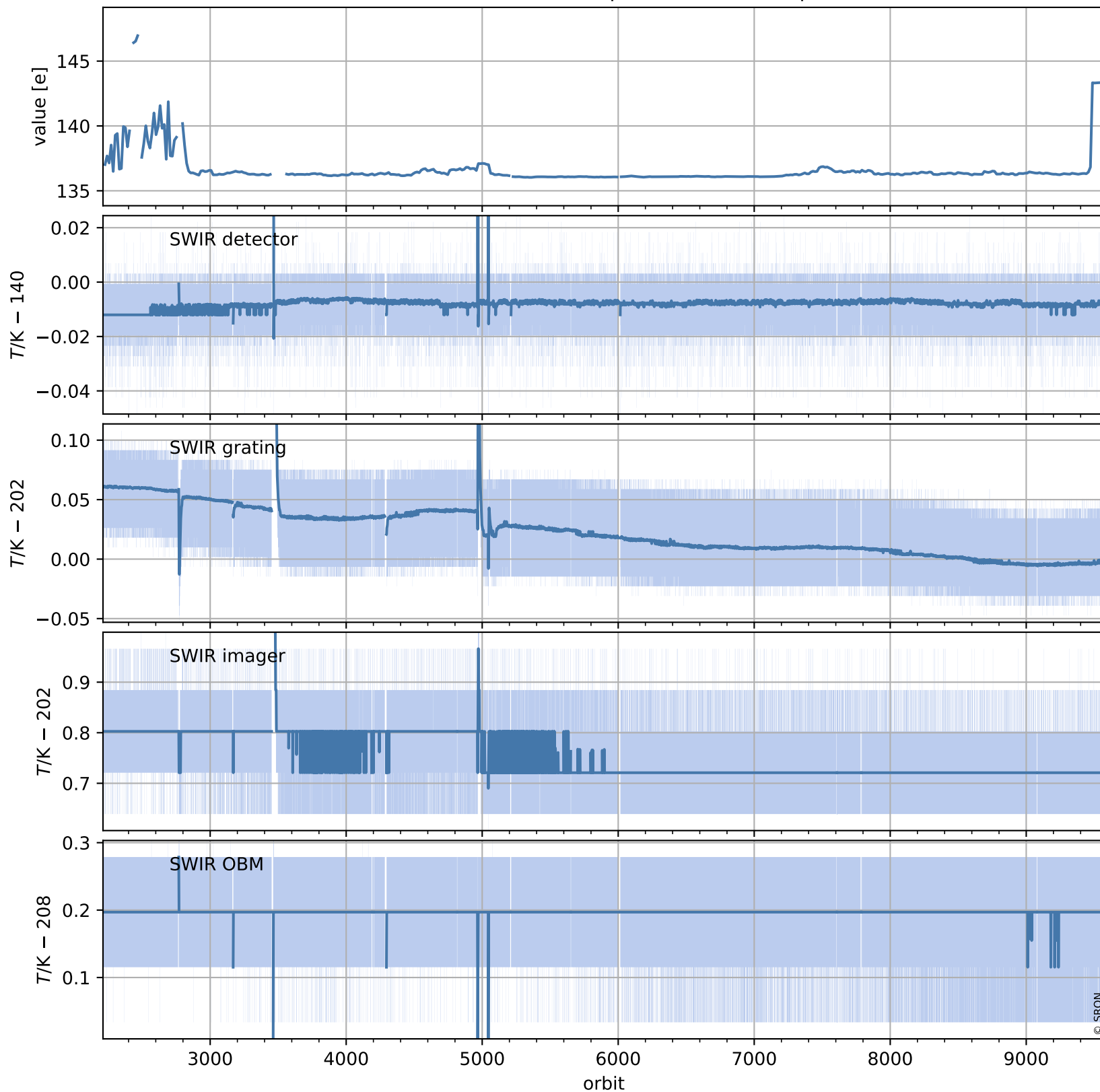
orbits : 12 in [9487, 9577]
coverage : 2019-08-13 / 2019-08-19
created : 2023-08-21T15:05:16



Tropomi SWIR background noise (swir)

orbits : [2212, 9577]
coverage : 2018-03-18 / 2019-08-19
created : 2023-08-21T15:05:17

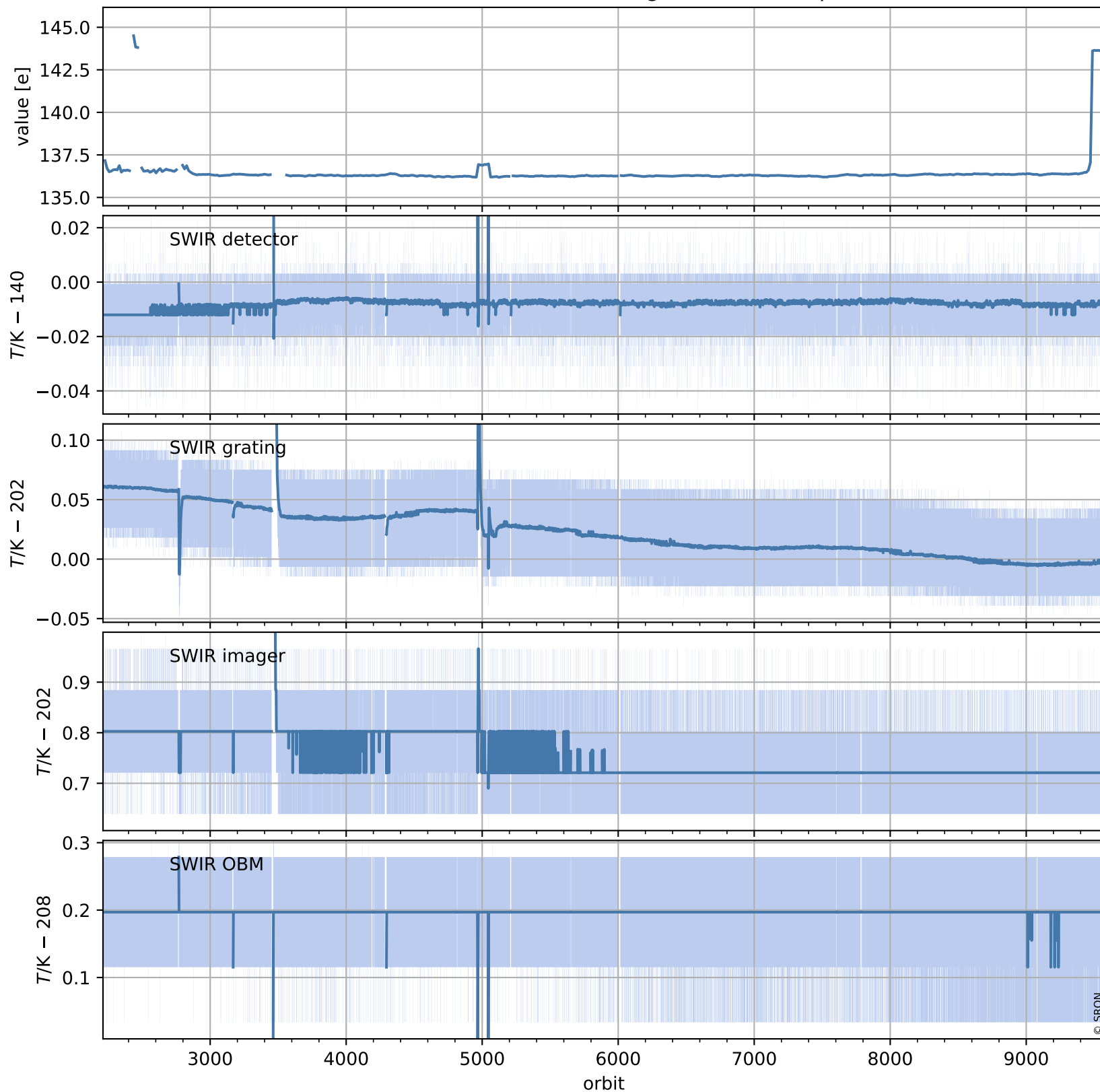
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9577]
coverage : 2018-03-18 / 2019-08-19
created : 2023-08-21T15:05:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9577]
coverage : 2018-03-18 / 2019-08-19
created : 2023-08-21T15:05:19

trend of normalized read-noise & temperatures

