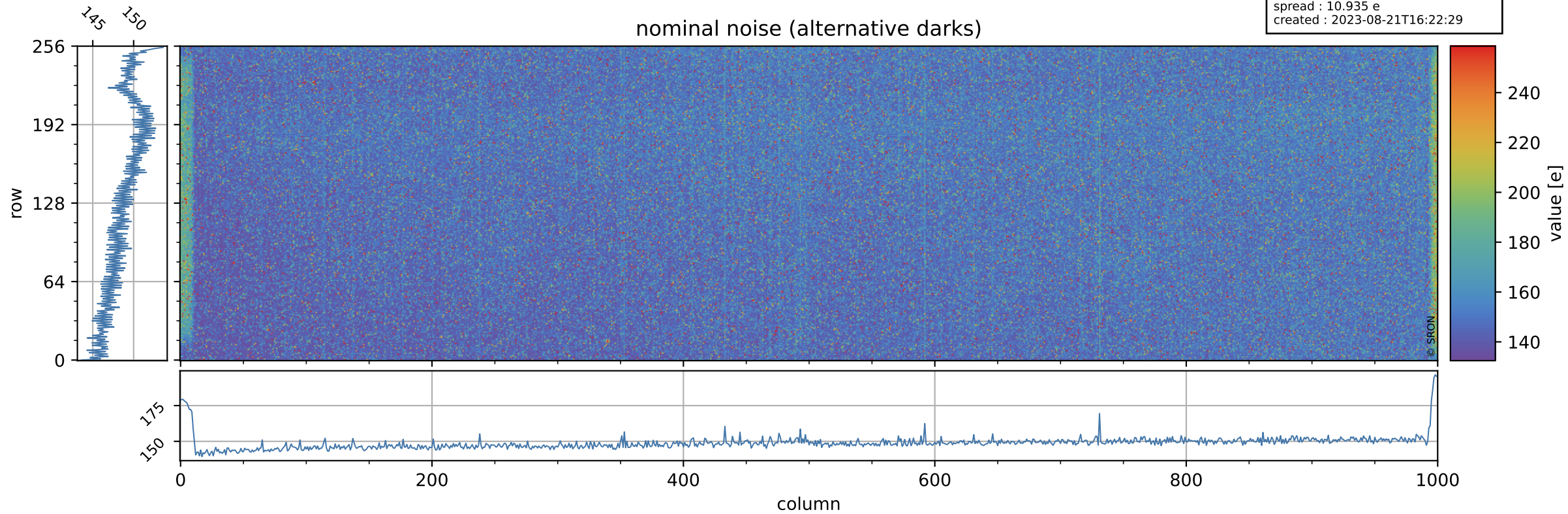


Tropomi SWIR background noise (swir)

orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.935 e
created : 2023-08-21T16:22:29

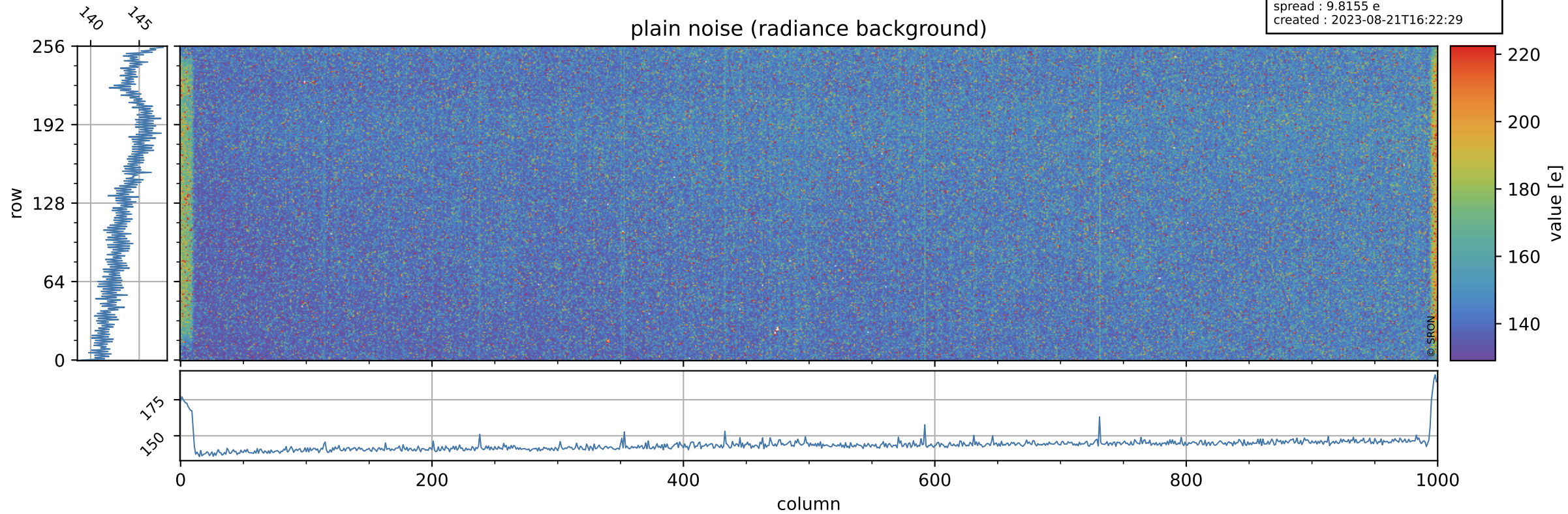
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8155 e
created : 2023-08-21T16:22:29

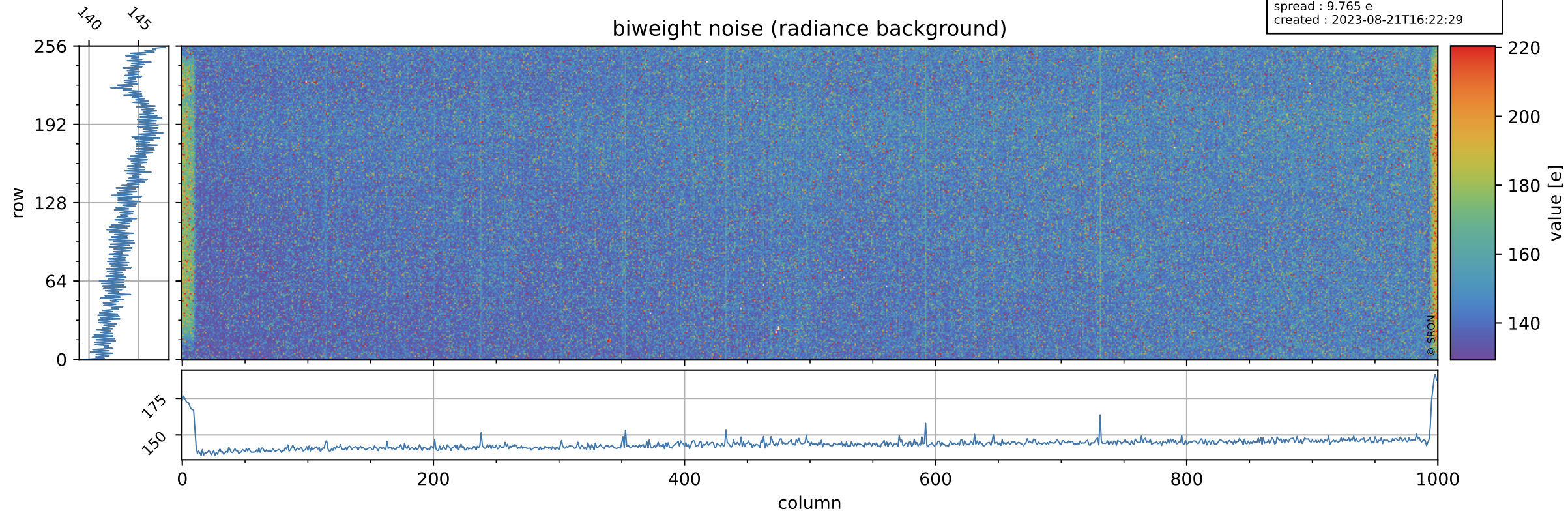
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.765 e
created : 2023-08-21T16:22:29

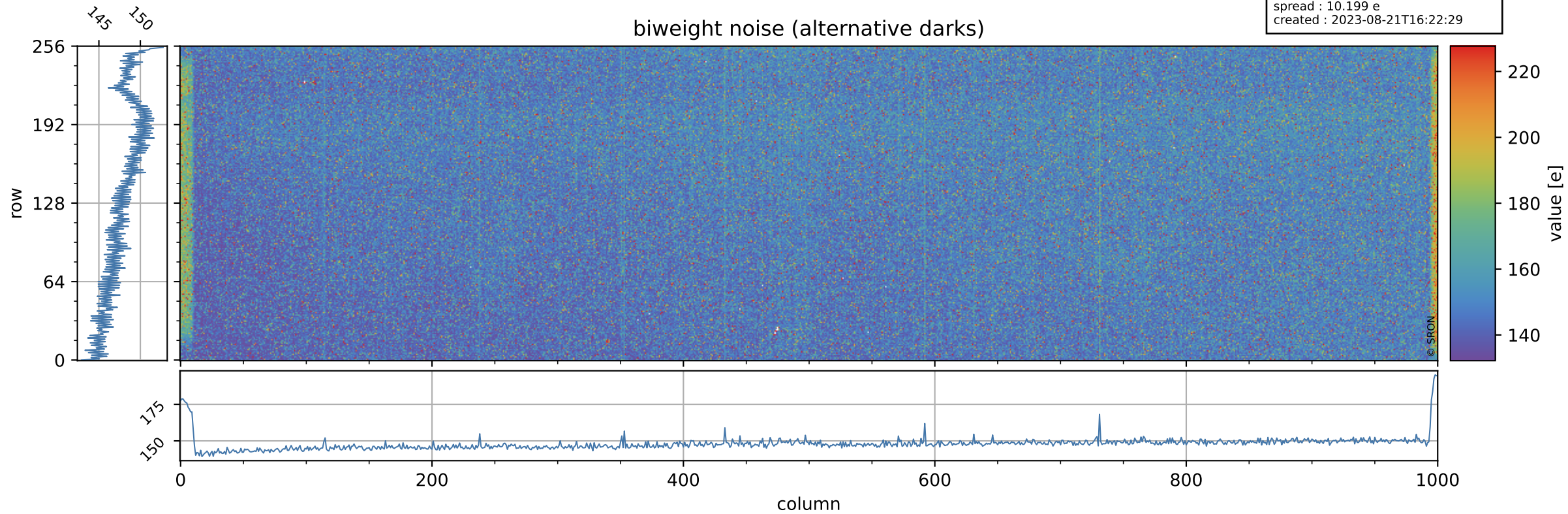
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.199 e
created : 2023-08-21T16:22:29

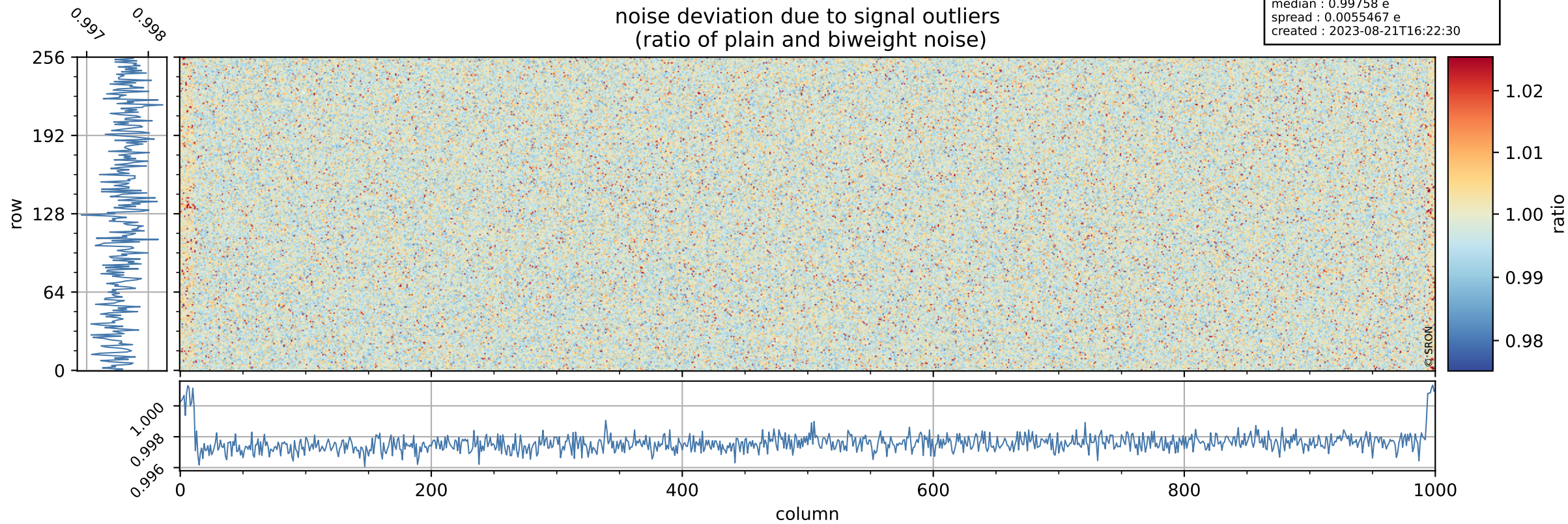
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

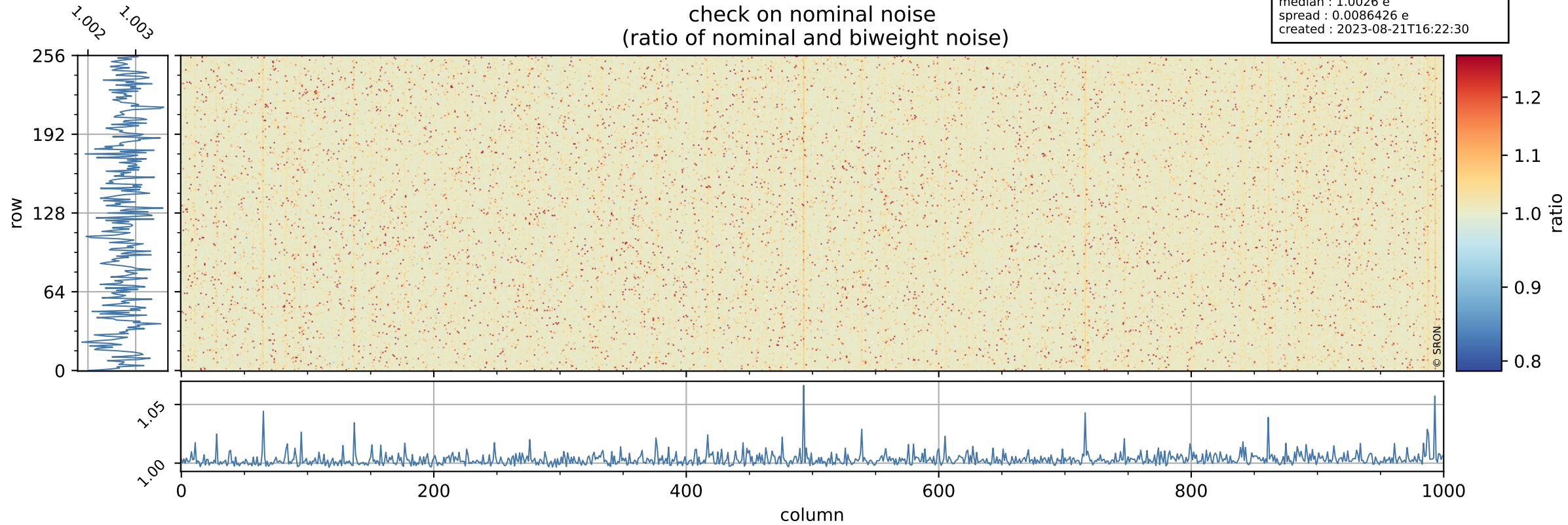
orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
median : 0.99758 e
spread : 0.0055467 e
created : 2023-08-21T16:22:30



Tropomi SWIR background noise (swir)

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

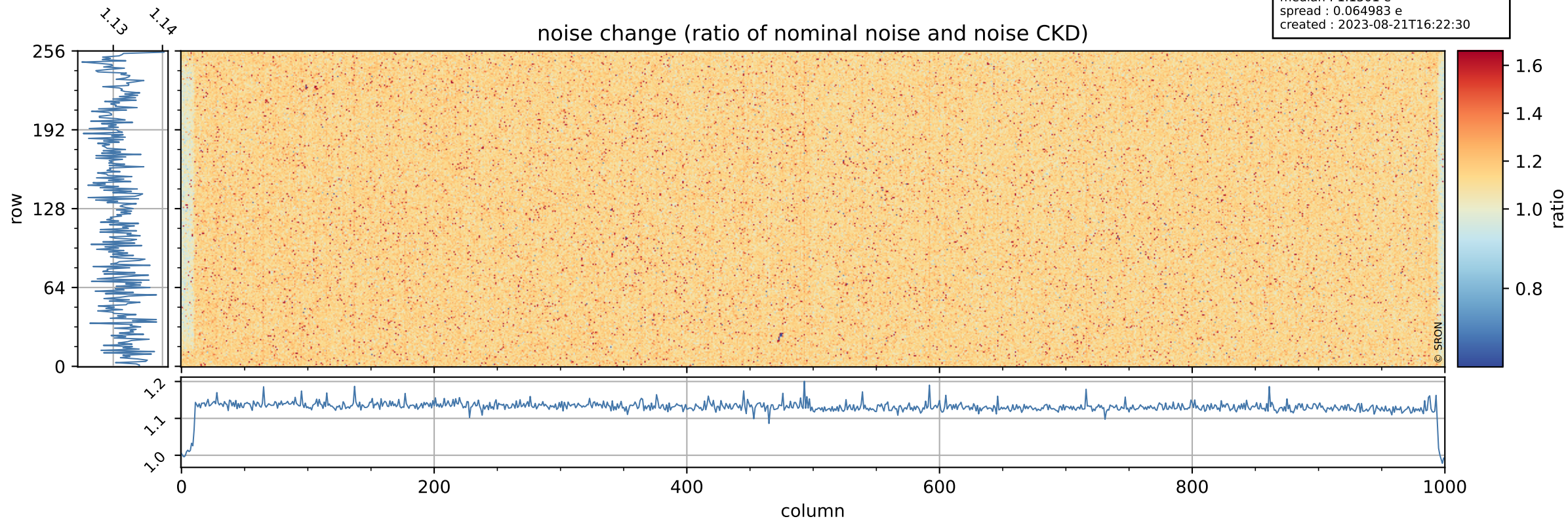
orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
median : 1.0026 e
spread : 0.0086426 e
created : 2023-08-21T16:22:30



Tropomi SWIR background noise (swir)

orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
median : 1.1301 e
spread : 0.064983 e
created : 2023-08-21T16:22:30

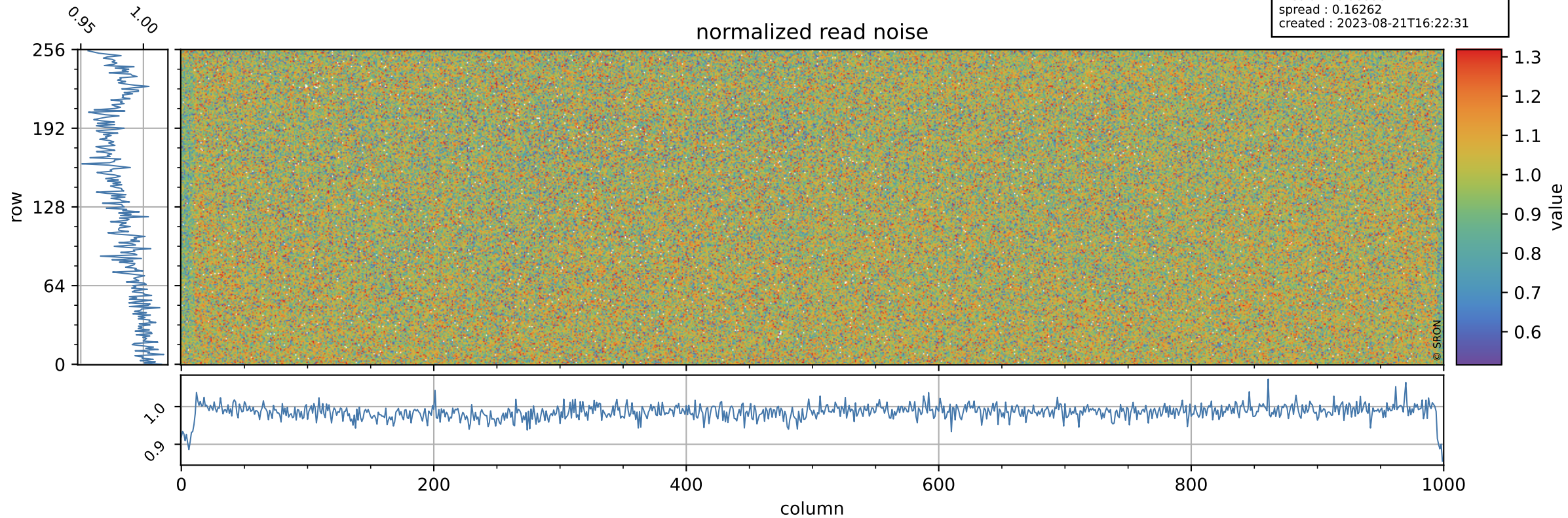
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

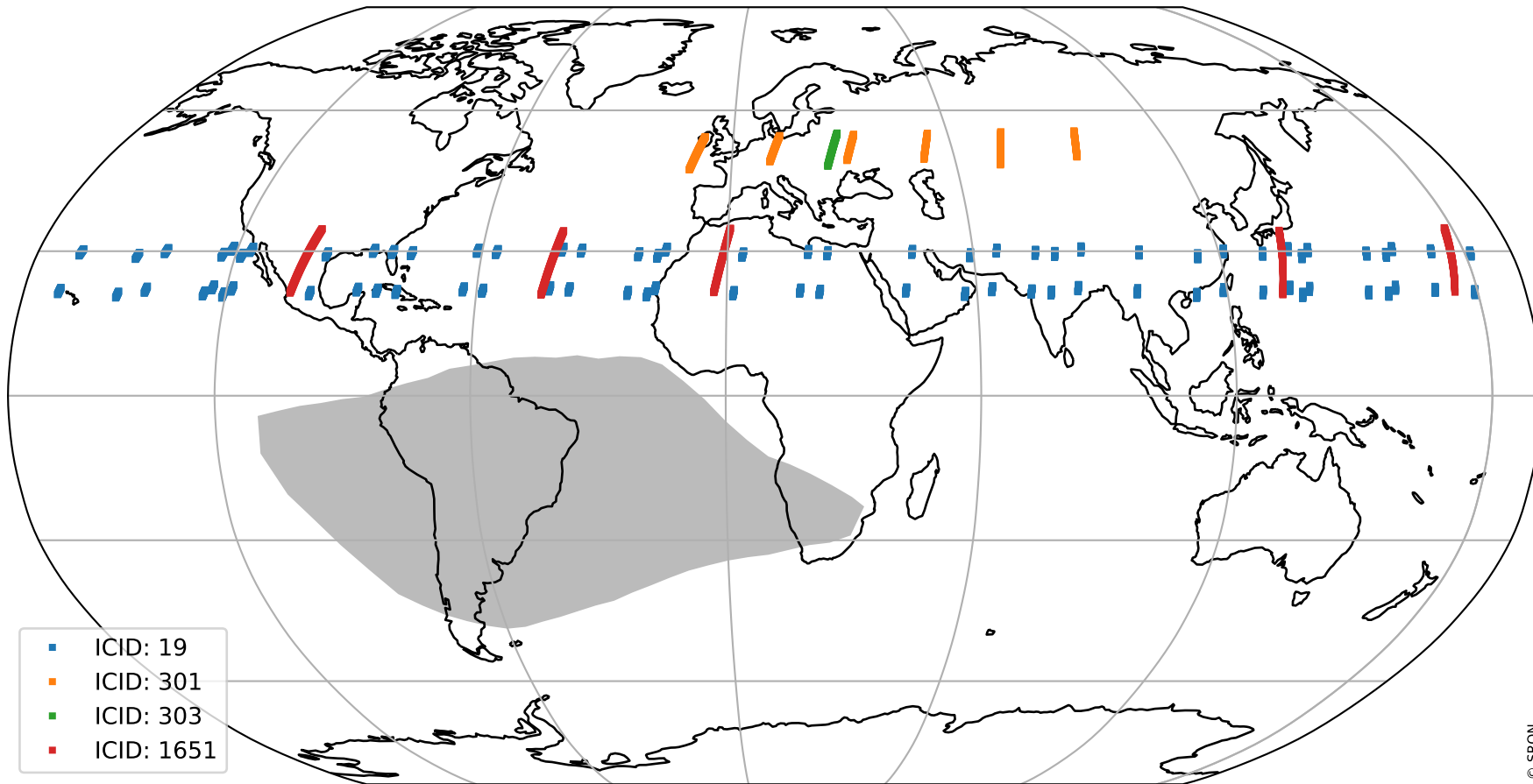
orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
median : 0.98398
spread : 0.16262
created : 2023-08-21T16:22:31

normalized read noise



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

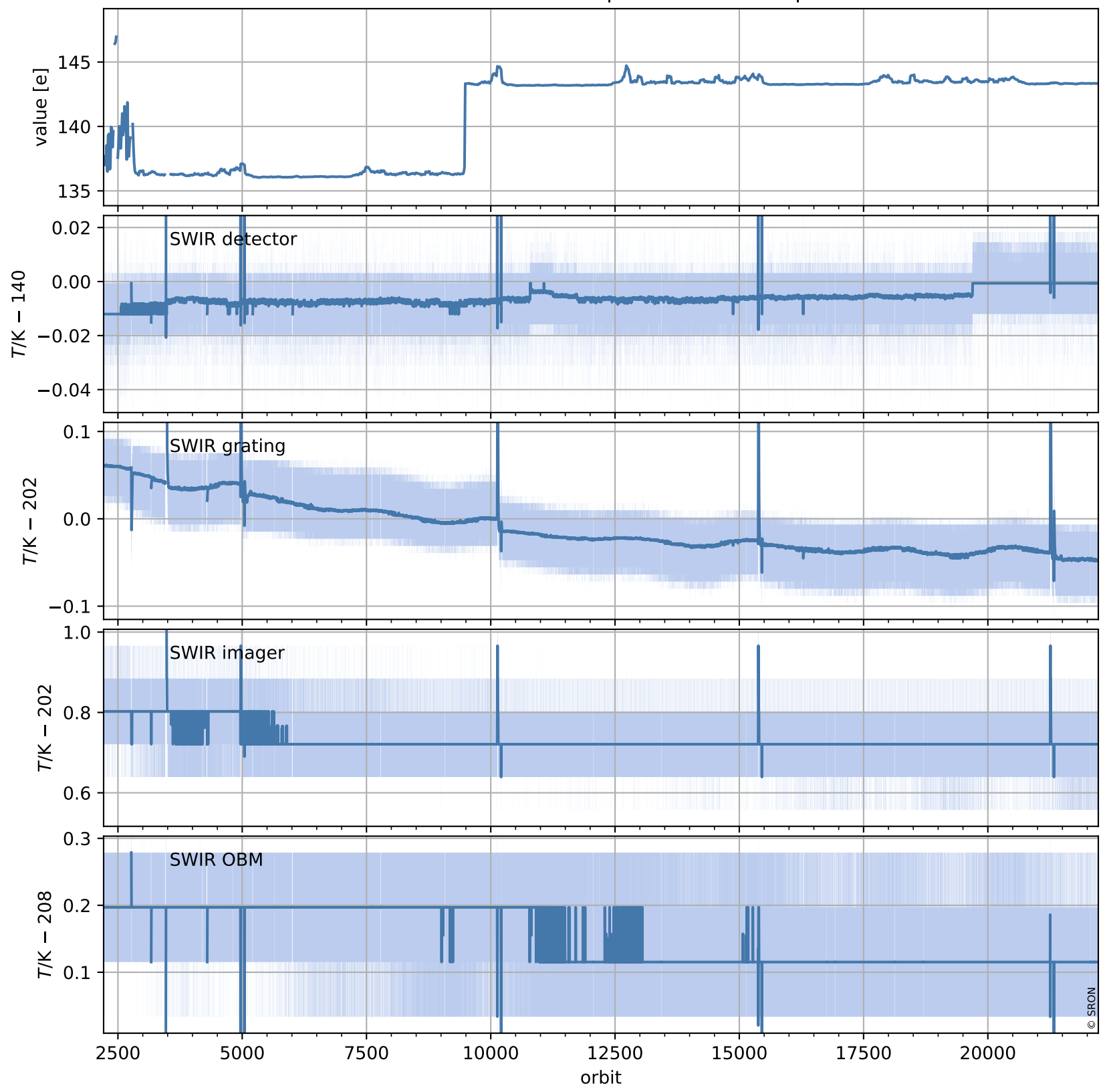
orbits : 12 in [22132, 22222]
coverage : 2022-01-20 / 2022-01-26
created : 2023-08-21T16:22:31



Tropomi SWIR background noise (swir)

orbits : [2212, 22222]
coverage : 2018-03-18 / 2022-01-26
created : 2023-08-21T16:22:31

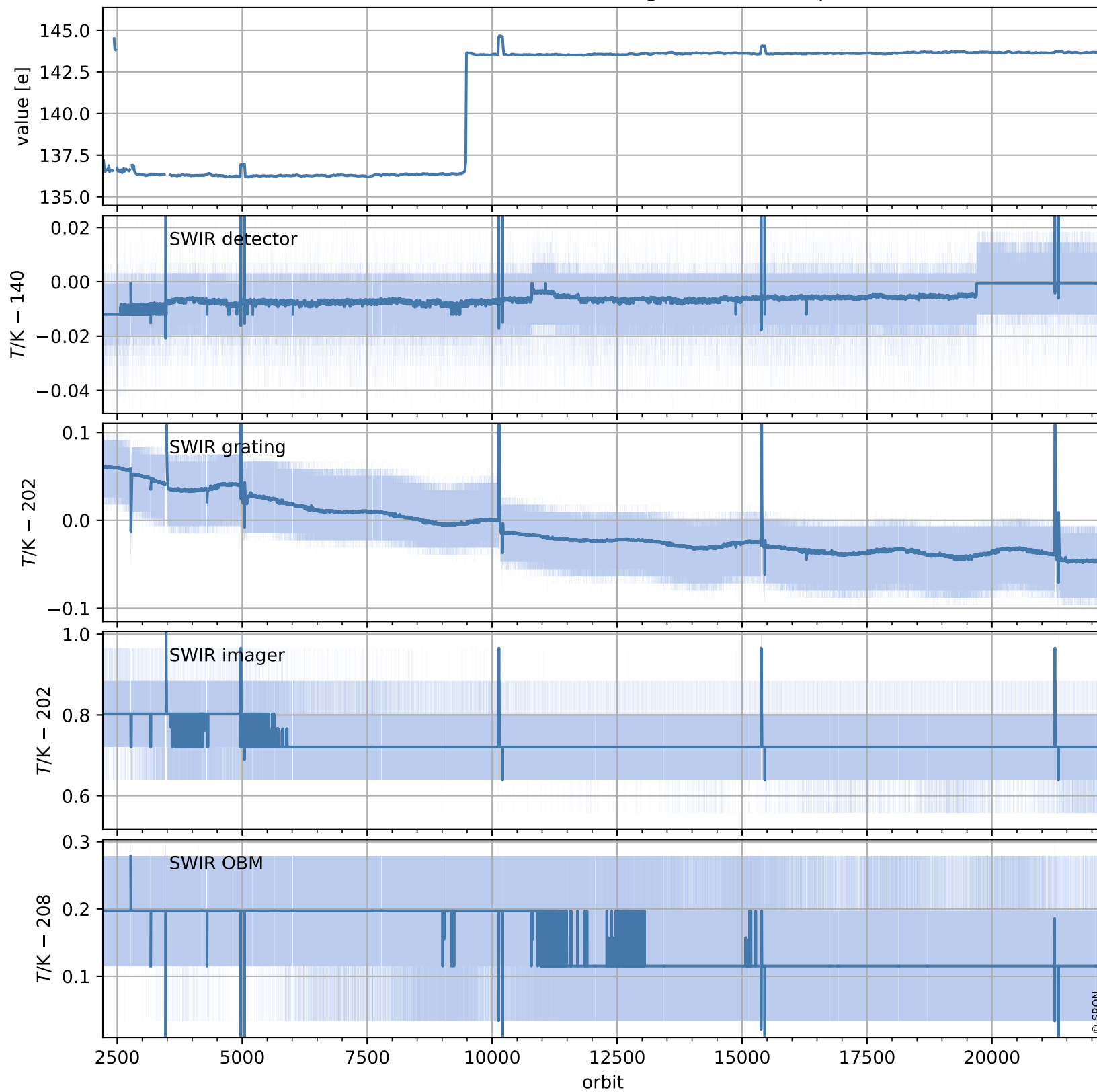
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22222]
coverage : 2018-03-18 / 2022-01-26
created : 2023-08-21T16:22:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22222]
coverage : 2018-03-18 / 2022-01-26
created : 2023-08-21T16:22:33

trend of normalized read-noise & temperatures

