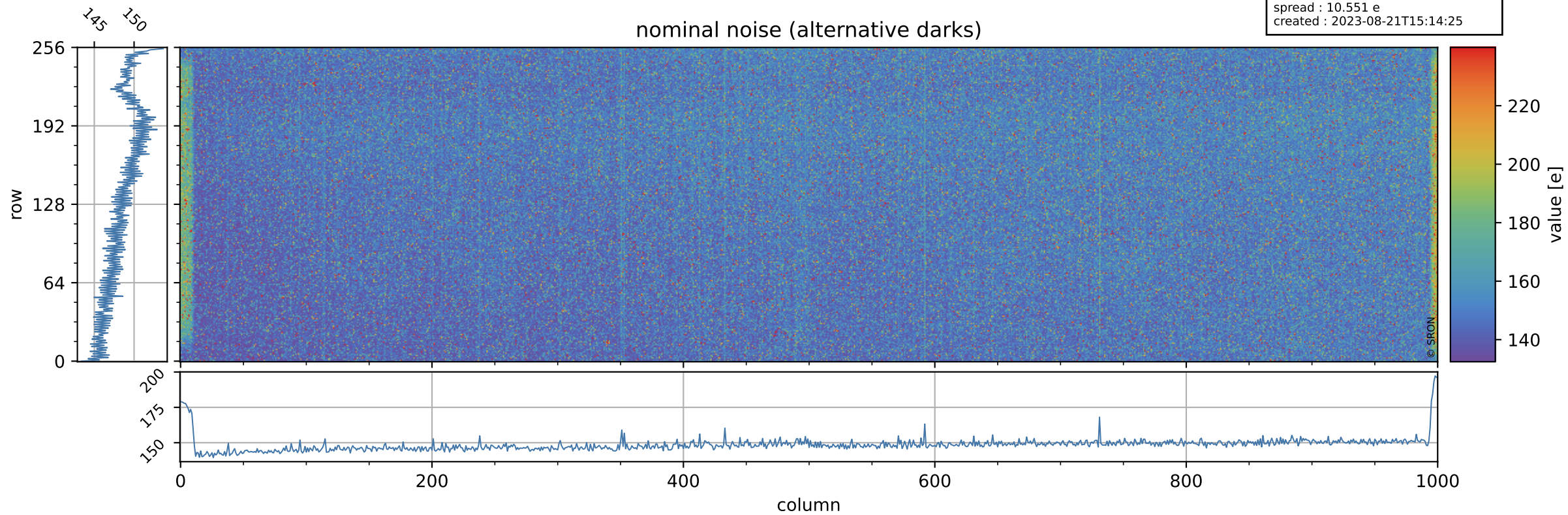


Tropomi SWIR background noise (swir)

orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.551 e
created : 2023-08-21T15:14:25

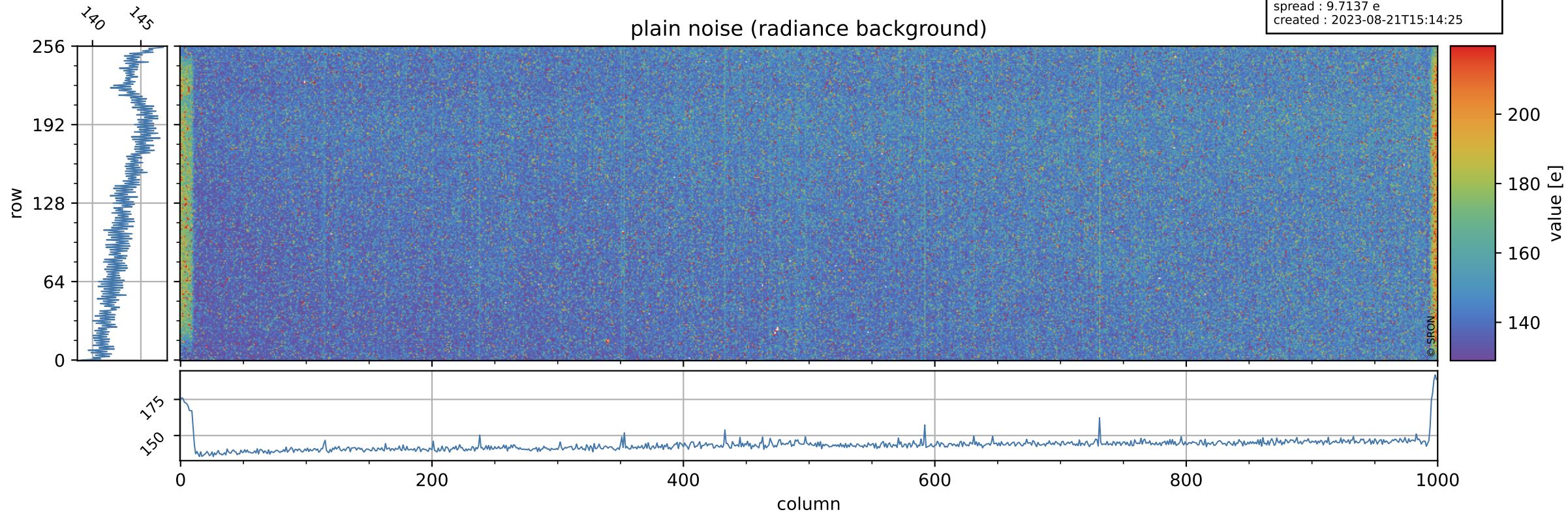
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7137 e
created : 2023-08-21T15:14:25

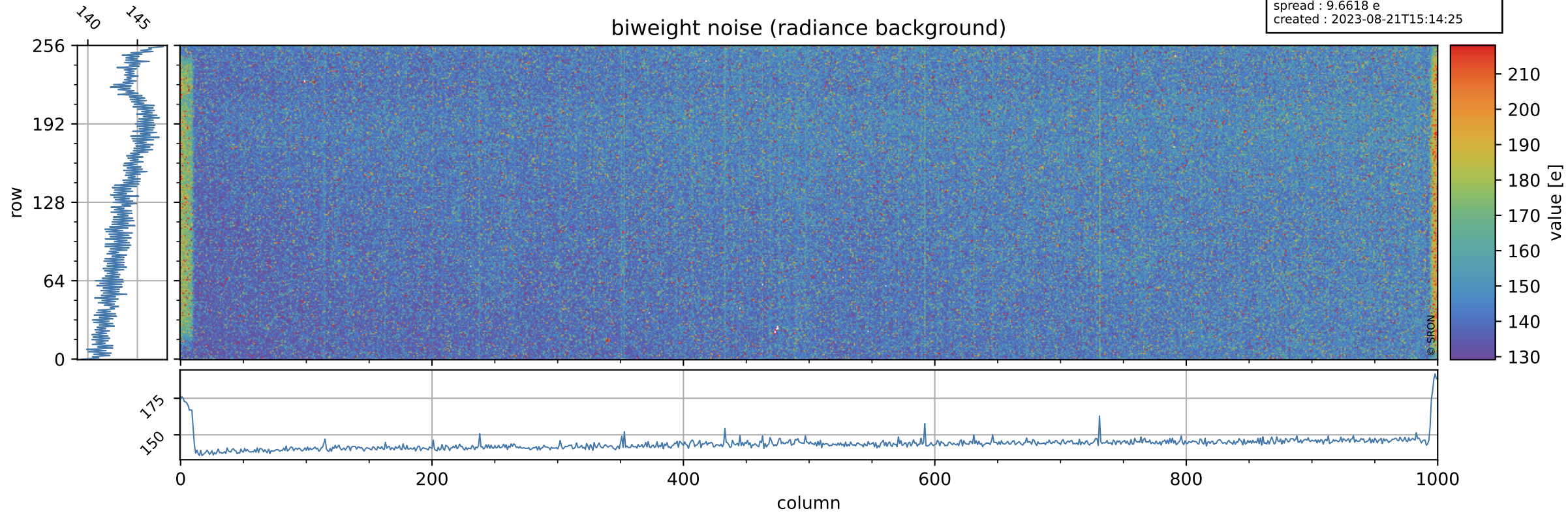
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6618 e
created : 2023-08-21T15:14:25

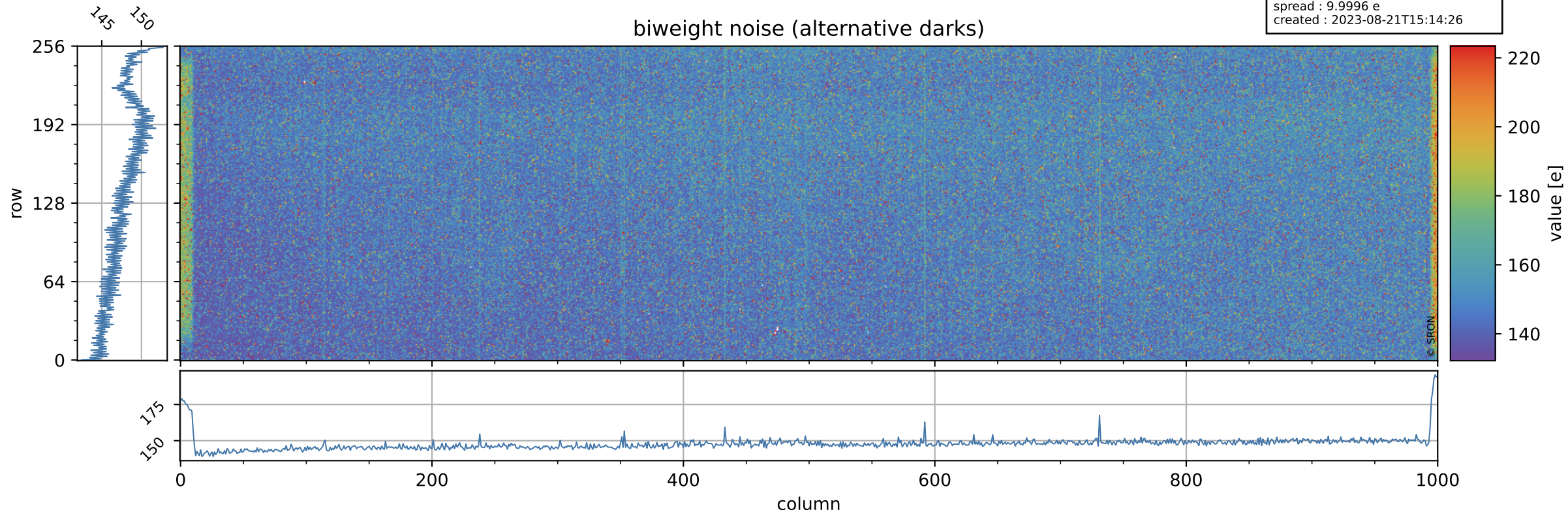
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9996 e
created : 2023-08-21T15:14:26

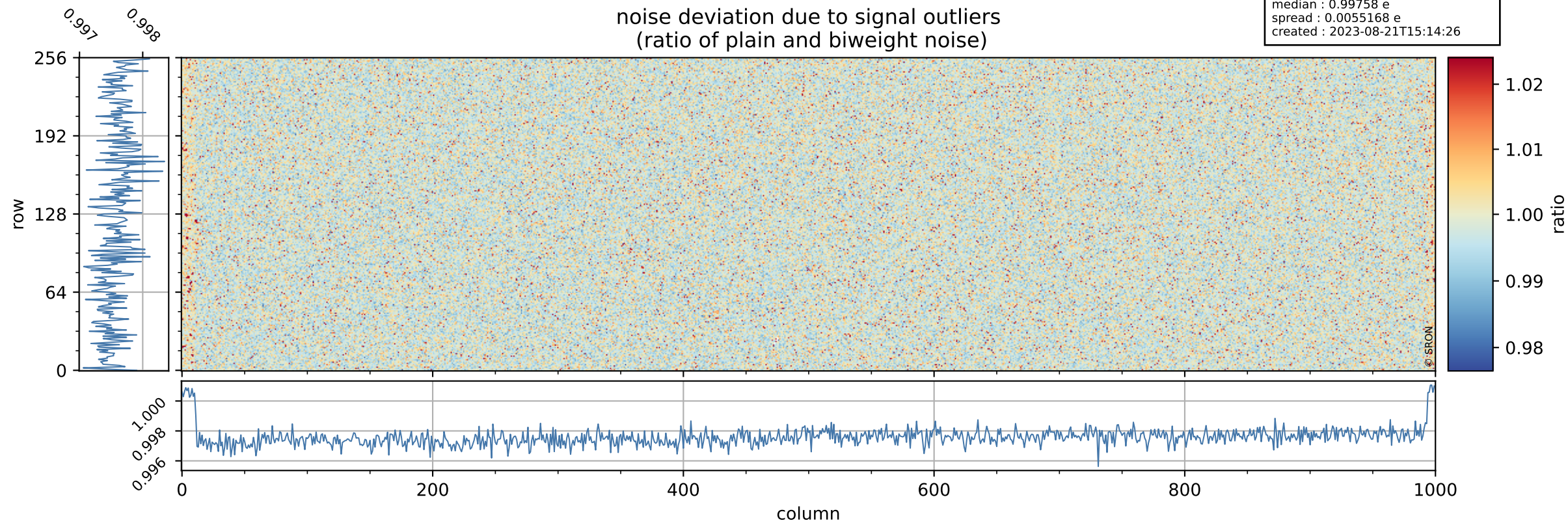
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

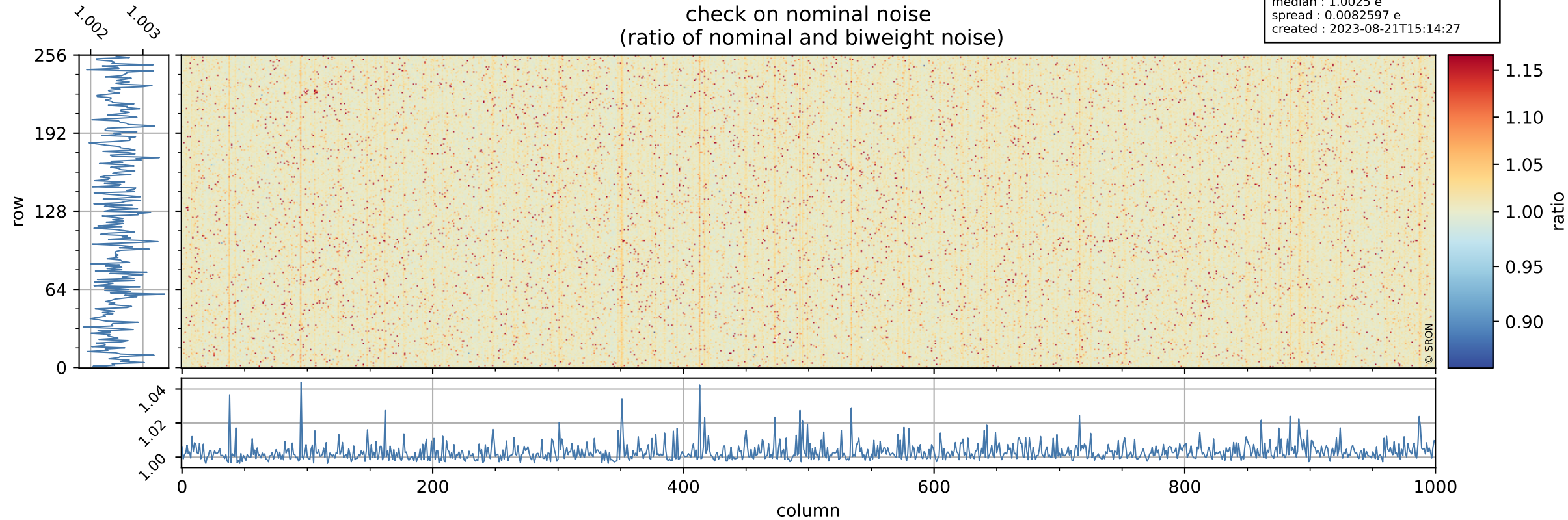
orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
median : 0.99758 e
spread : 0.0055168 e
created : 2023-08-21T15:14:26



Tropomi SWIR background noise (swir)

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

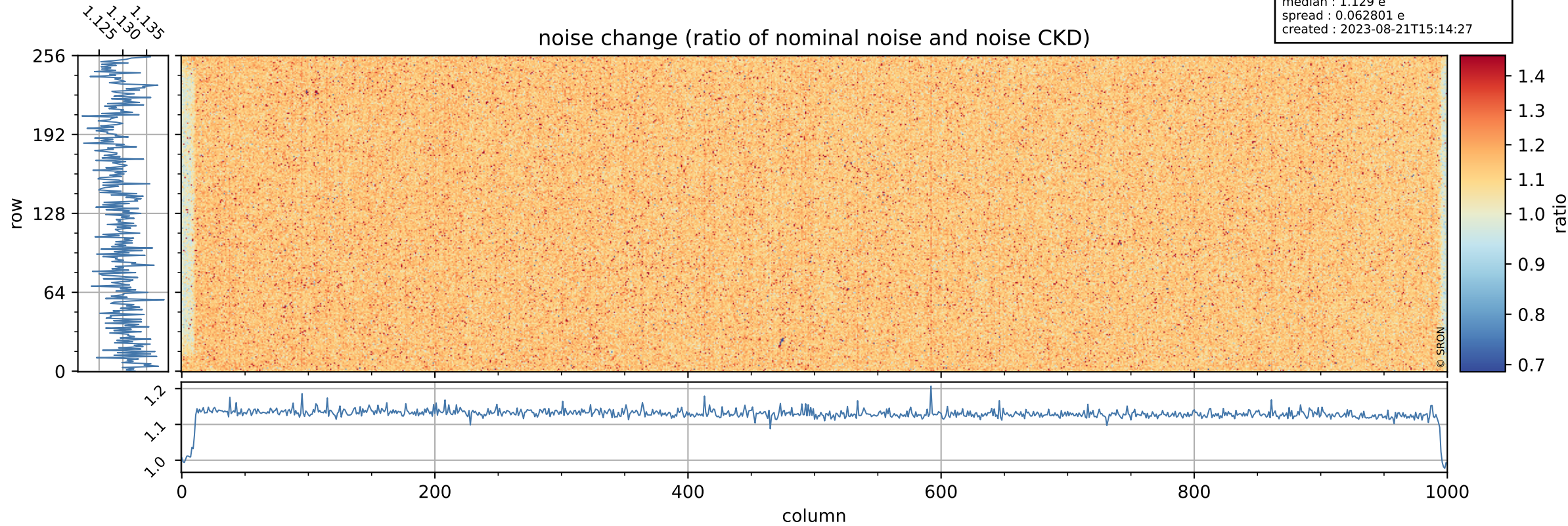
orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
median : 1.0025 e
spread : 0.0082597 e
created : 2023-08-21T15:14:27



Tropomi SWIR background noise (swir)

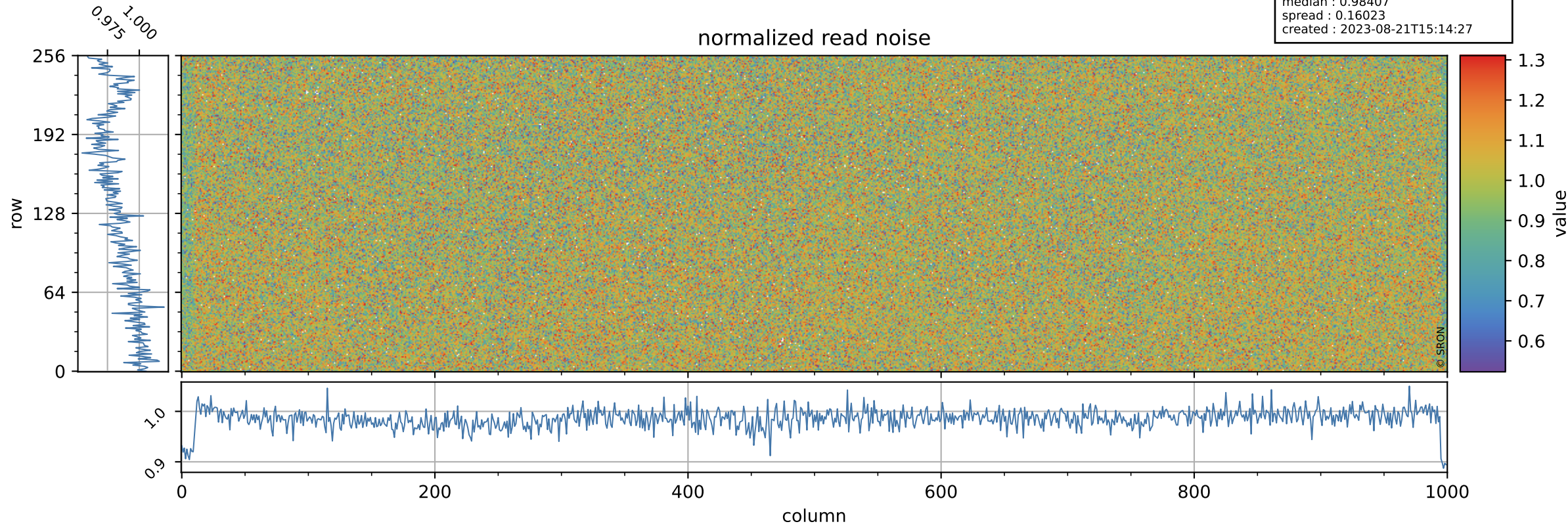
orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
median : 1.129 e
spread : 0.062801 e
created : 2023-08-21T15:14:27

noise change (ratio of nominal noise and noise CKD)



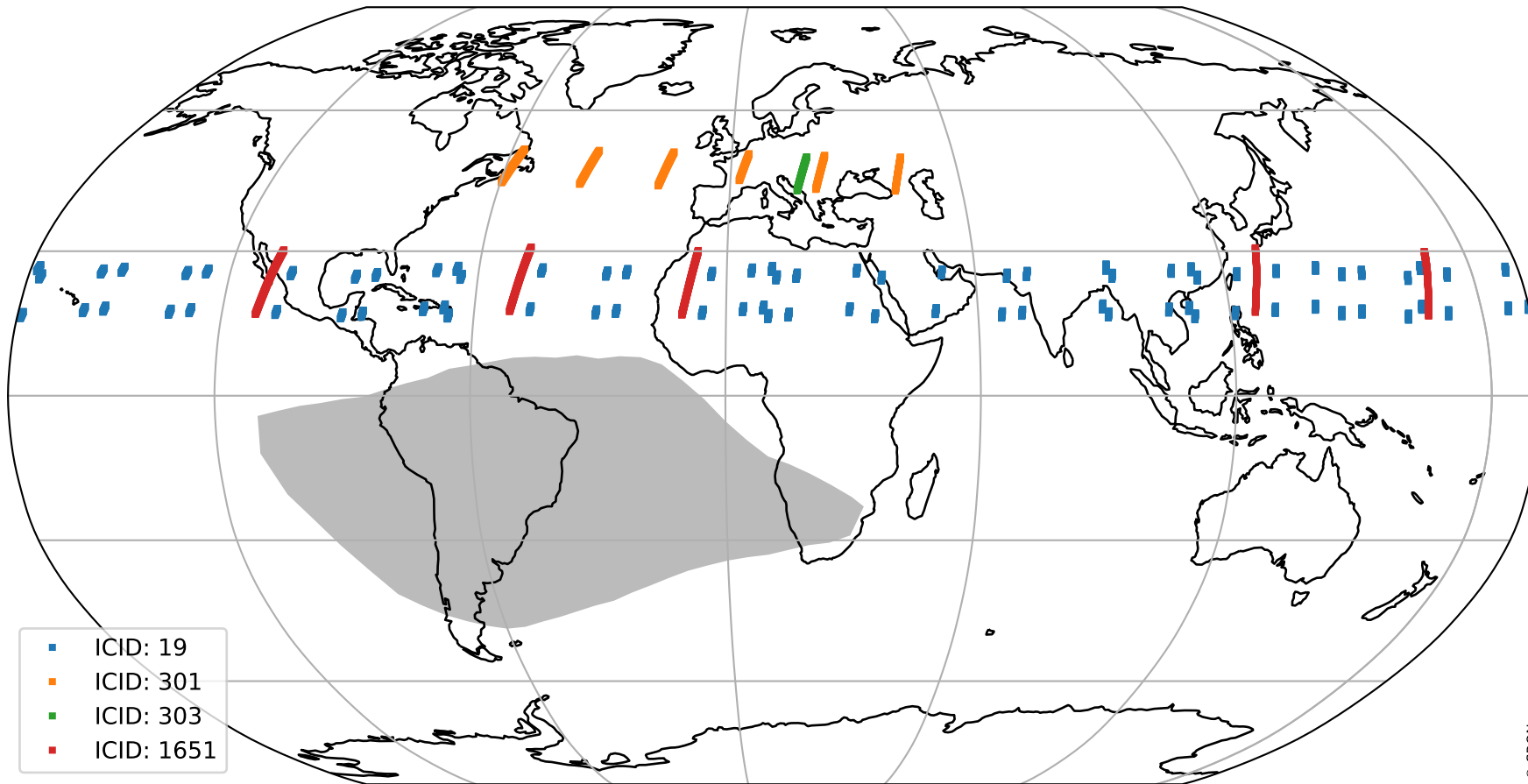
Tropomi SWIR background noise (swir)

orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
median : 0.98407
spread : 0.16023
created : 2023-08-21T15:14:27



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

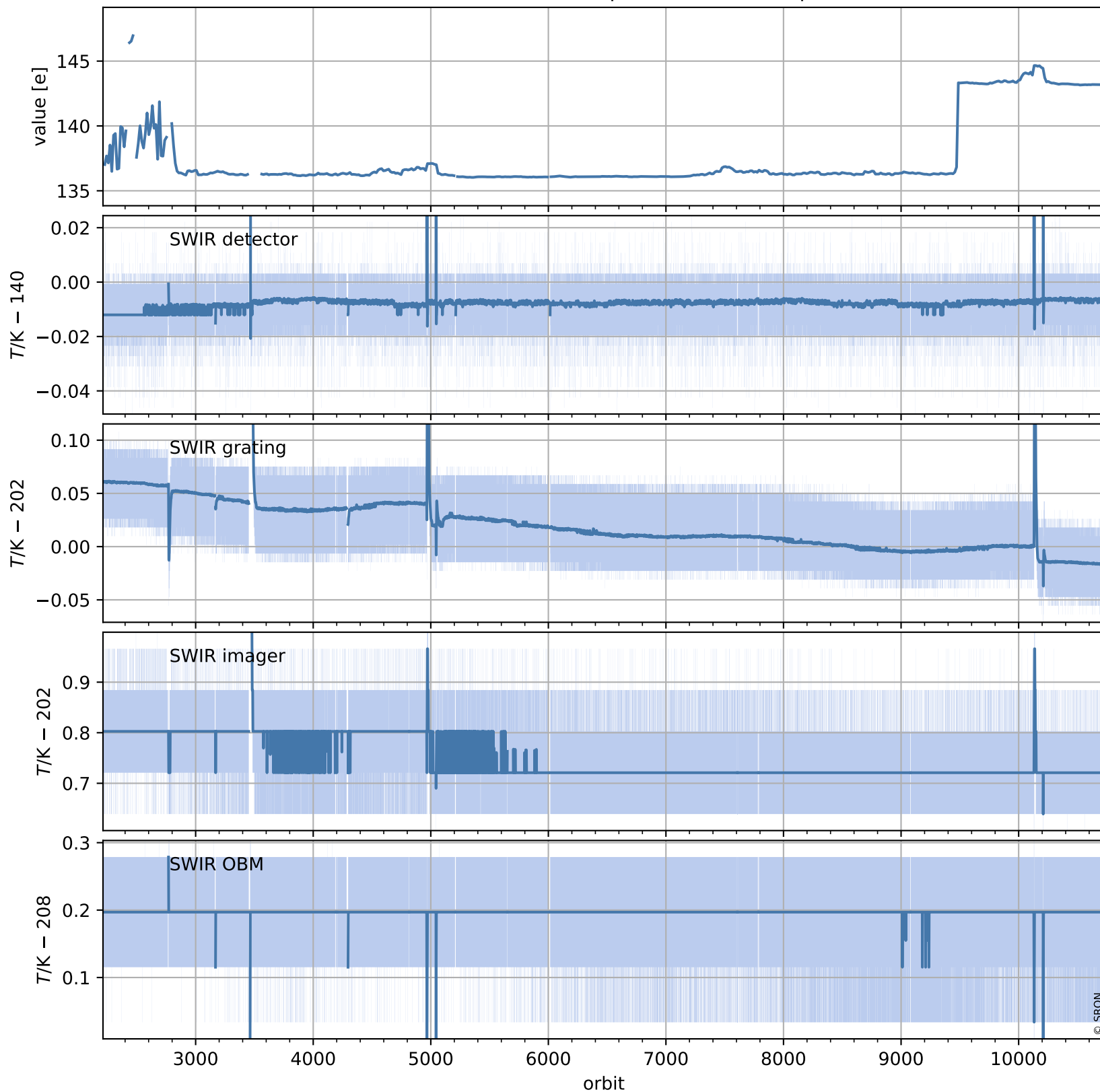
orbits : 12 in [10657, 10732]
coverage : 2019-11-02 / 2019-11-08
created : 2023-08-21T15:14:28



Tropomi SWIR background noise (swir)

orbits : [2212, 10732]
coverage : 2018-03-18 / 2019-11-08
created : 2023-08-21T15:14:28

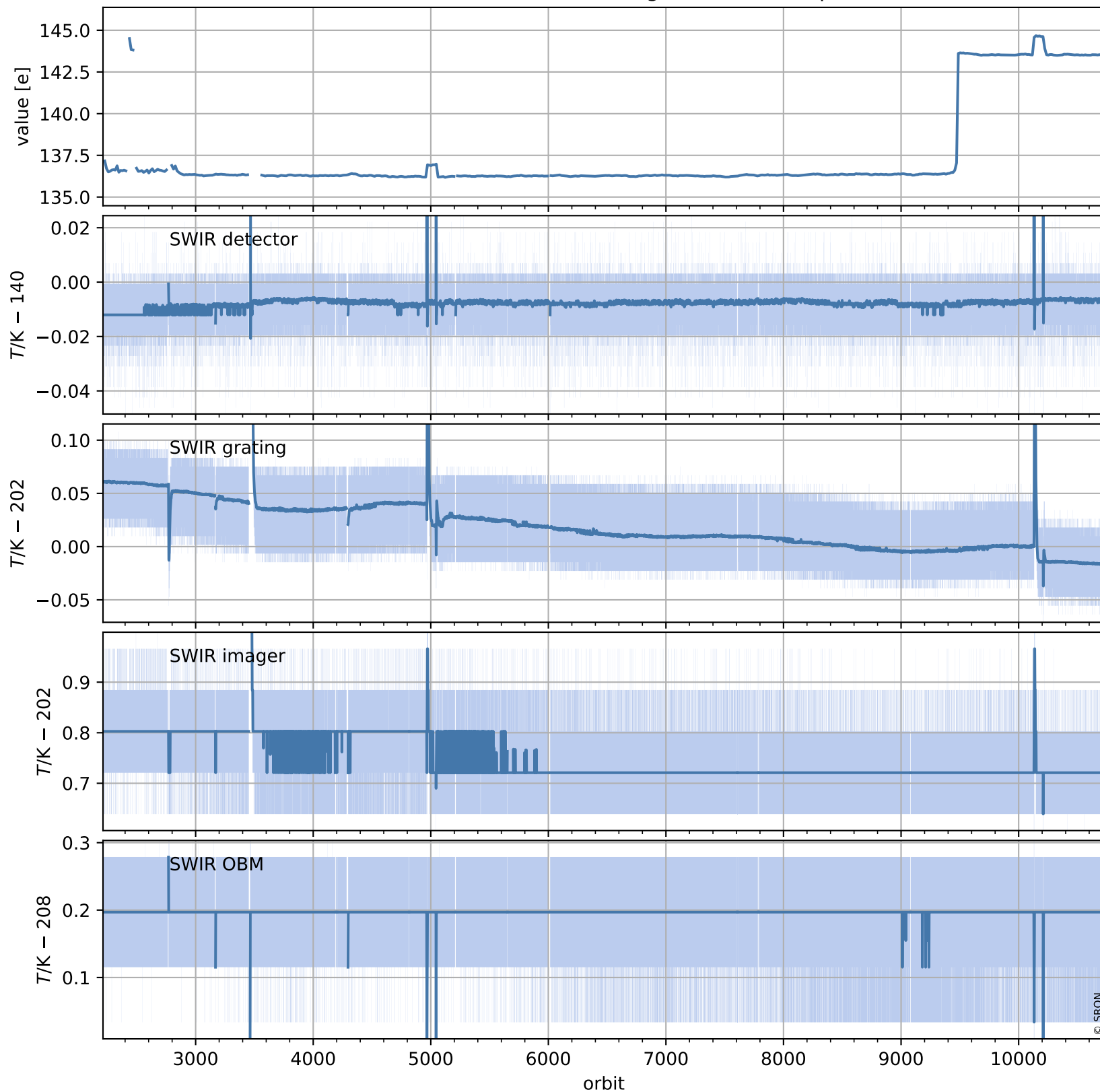
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10732]
coverage : 2018-03-18 / 2019-11-08
created : 2023-08-21T15:14:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10732]
coverage : 2018-03-18 / 2019-11-08
created : 2023-08-21T15:14:30

trend of normalized read-noise & temperatures

