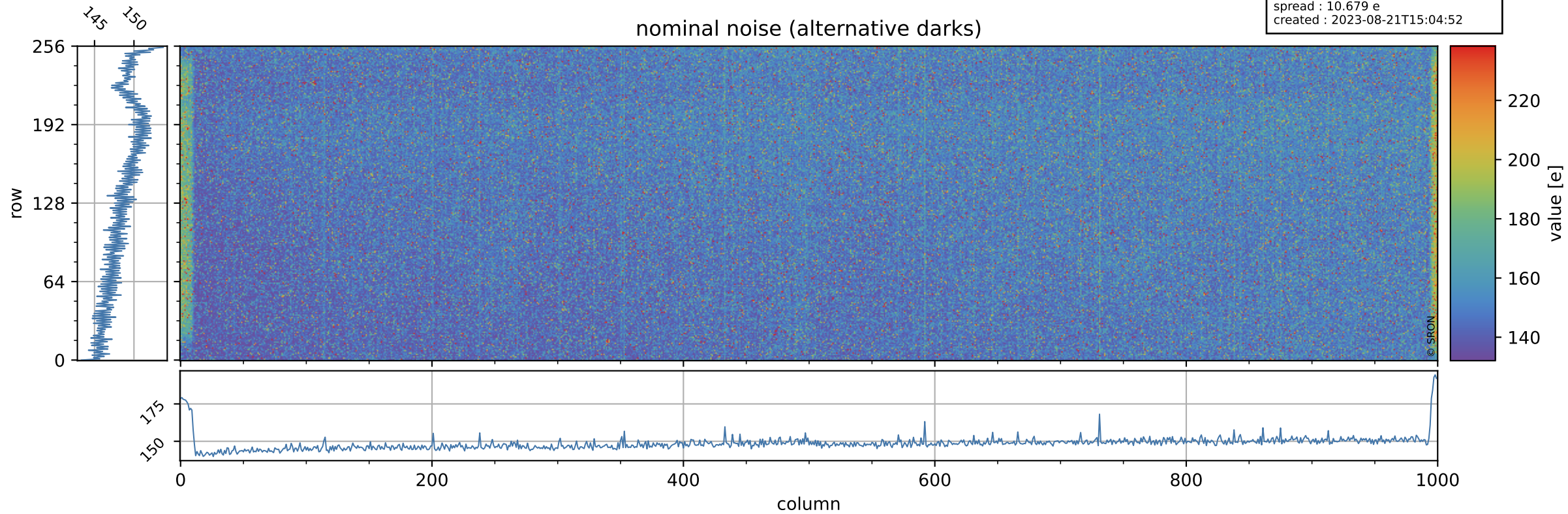


Tropomi SWIR background noise (swir)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.679 e
created : 2023-08-21T15:04:52

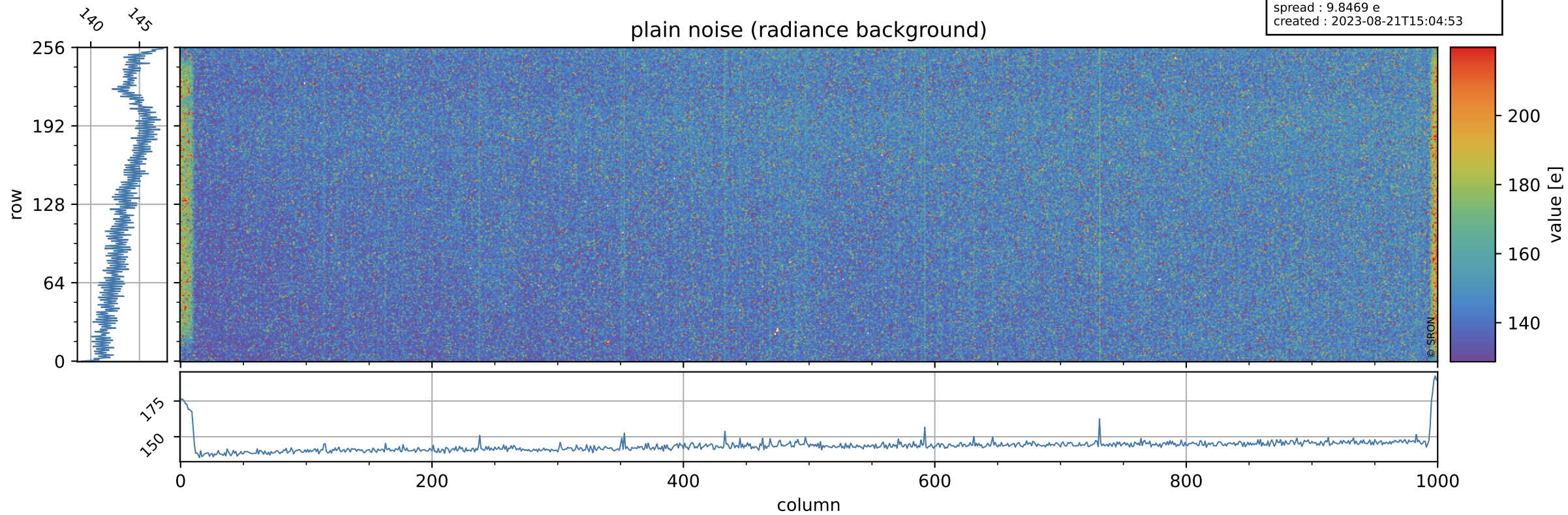
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8469 e
created : 2023-08-21T15:04:53

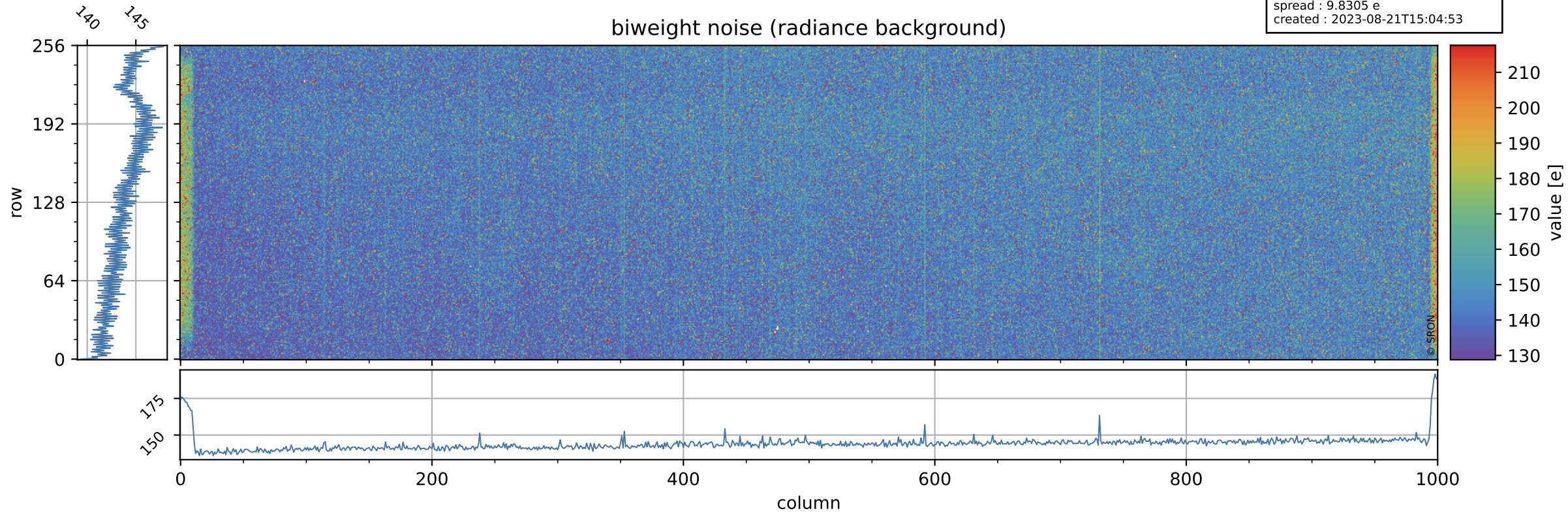
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8305 e
created : 2023-08-21T15:04:53

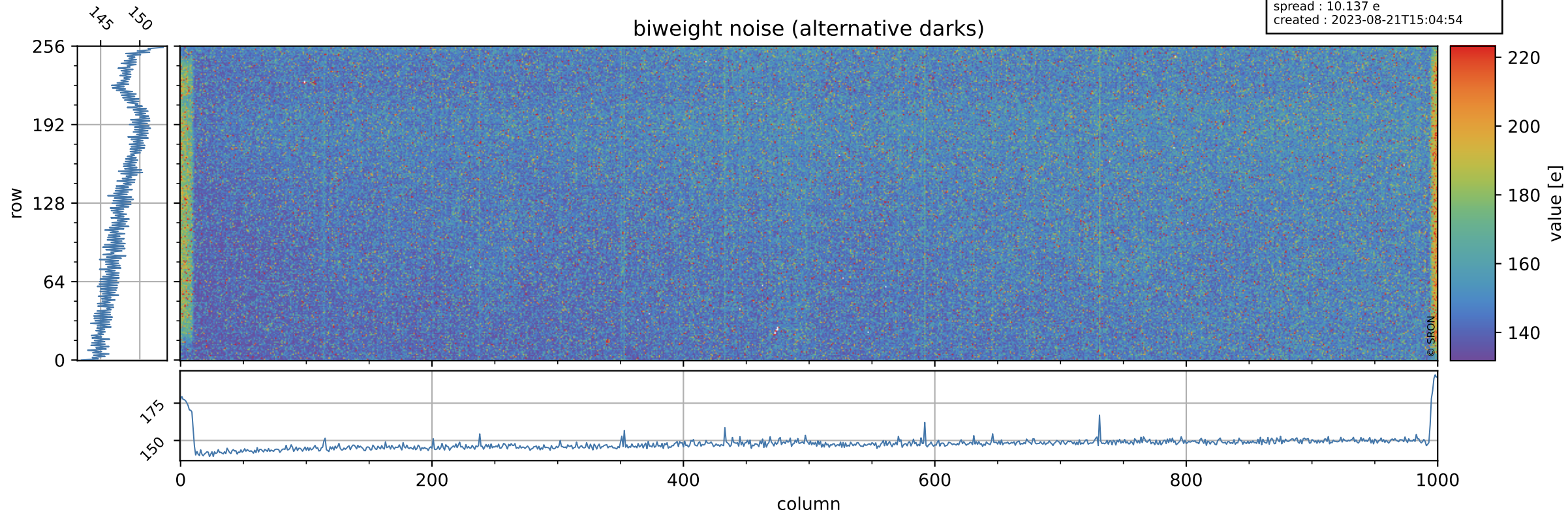
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.137 e
created : 2023-08-21T15:04:54

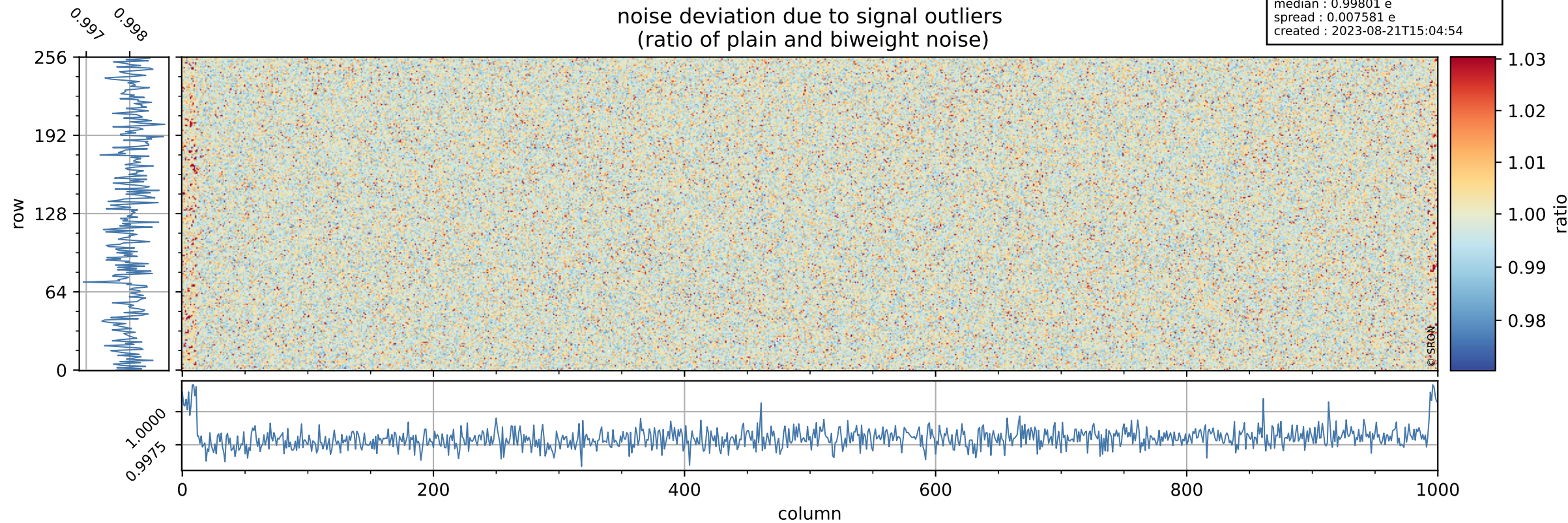
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

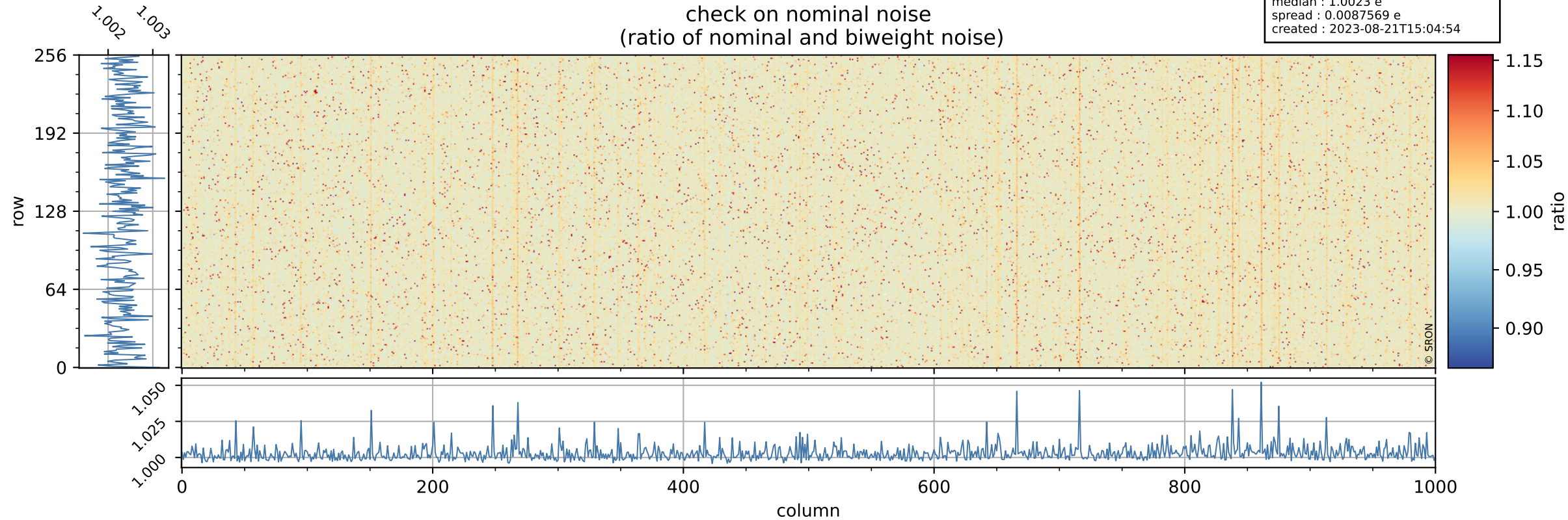
orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
median : 0.99801 e
spread : 0.007581 e
created : 2023-08-21T15:04:54



Tropomi SWIR background noise (swir)

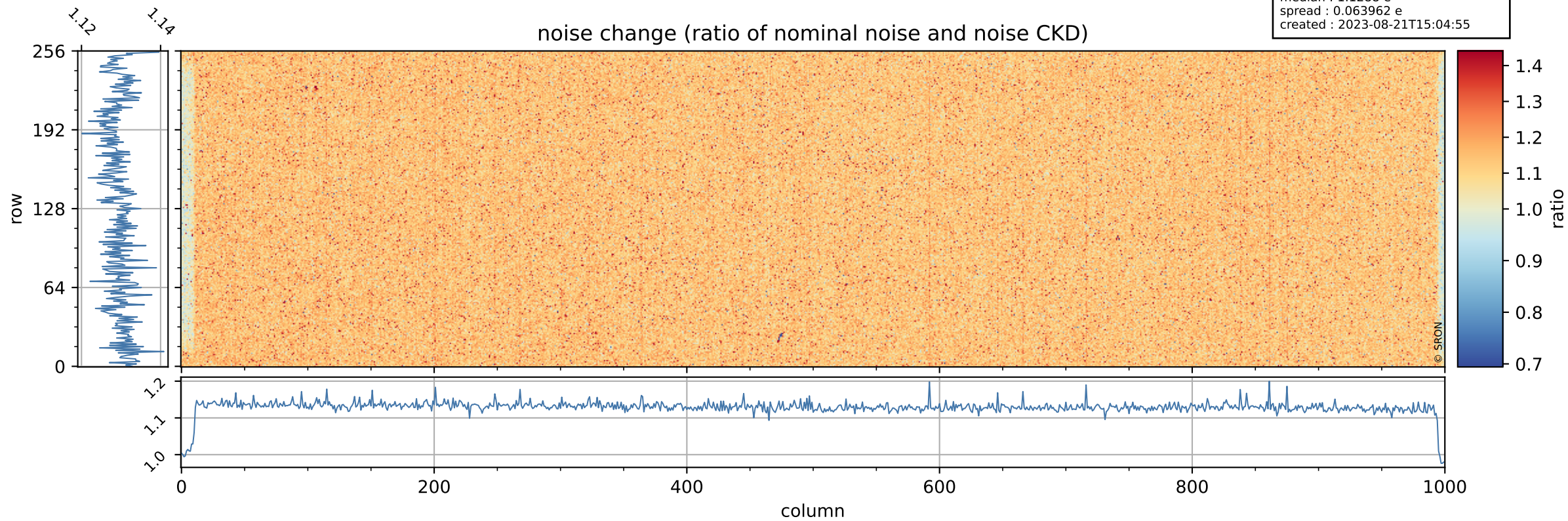
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
median : 1.0023 e
spread : 0.0087569 e
created : 2023-08-21T15:04:54



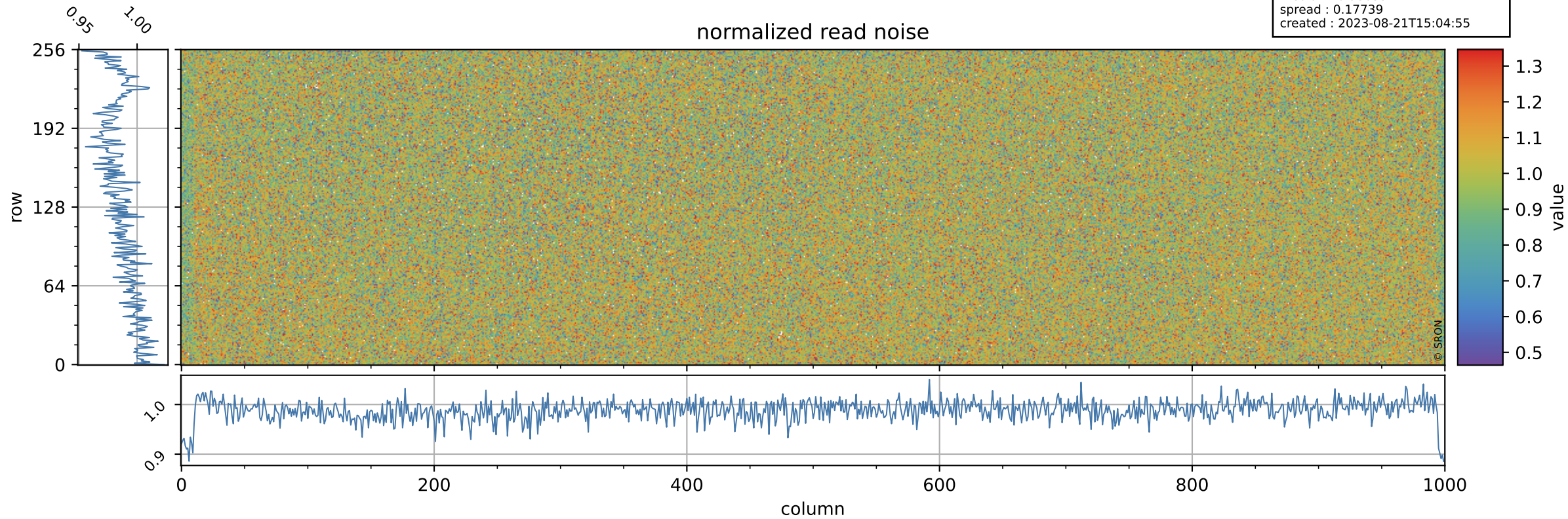
Tropomi SWIR background noise (swir)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
median : 1.1288 e
spread : 0.063962 e
created : 2023-08-21T15:04:55



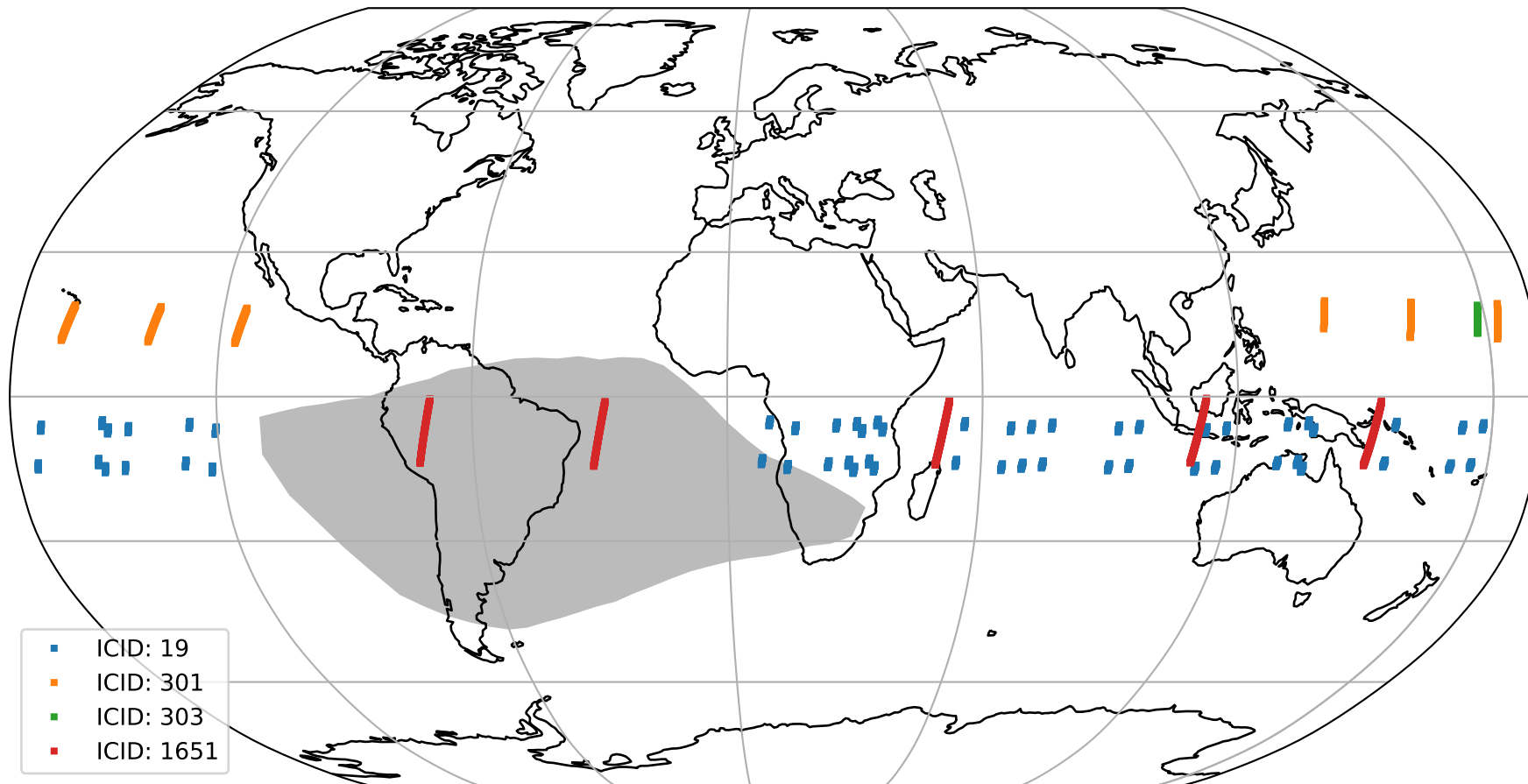
Tropomi SWIR background noise (swir)

orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
median : 0.98655
spread : 0.17739
created : 2023-08-21T15:04:55



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

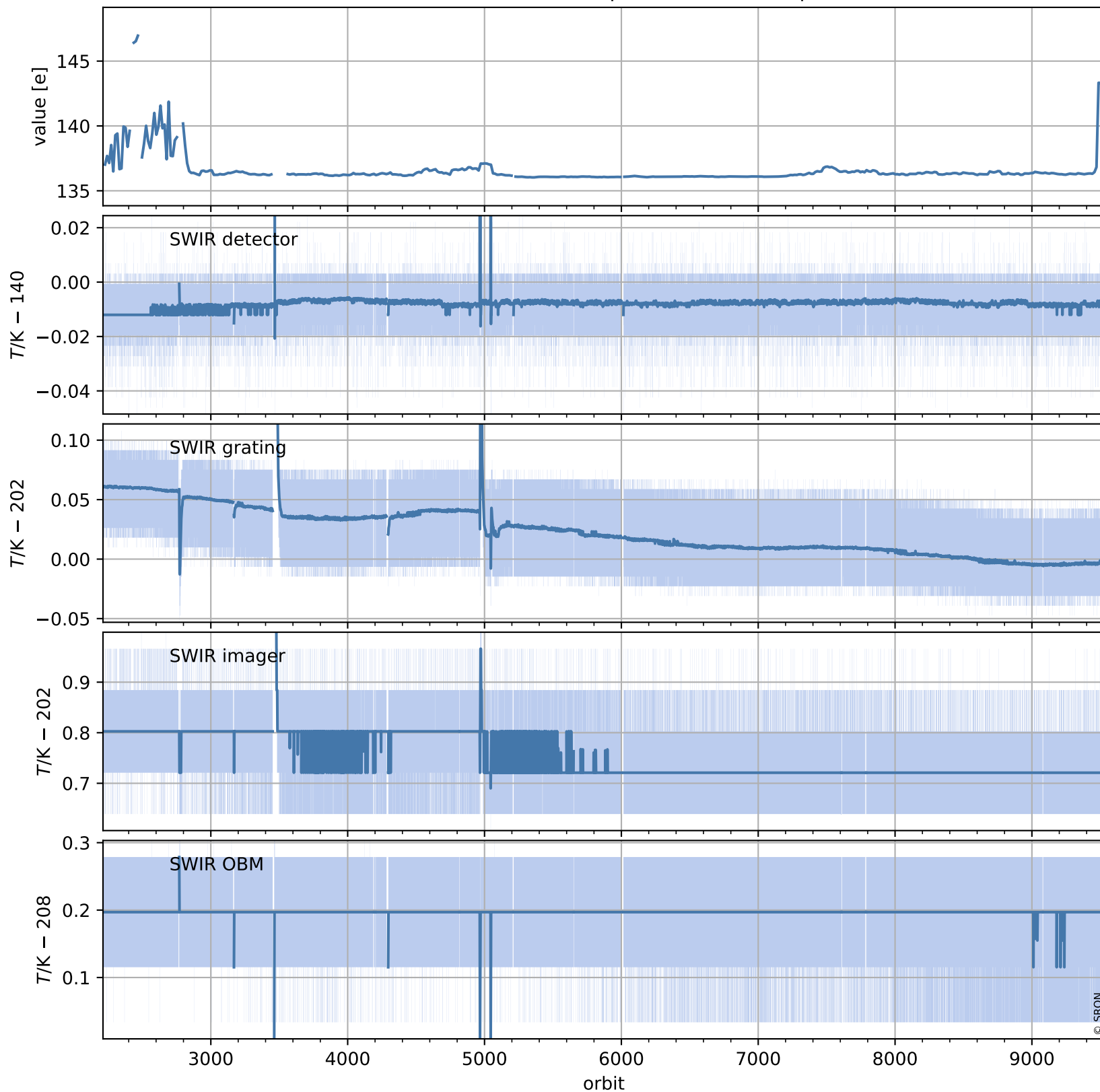
orbits : 12 in [9442, 9532]
coverage : 2019-08-10 / 2019-08-15
created : 2023-08-21T15:04:56



Tropomi SWIR background noise (swir)

orbits : [2212, 9532]
coverage : 2018-03-18 / 2019-08-15
created : 2023-08-21T15:04:56

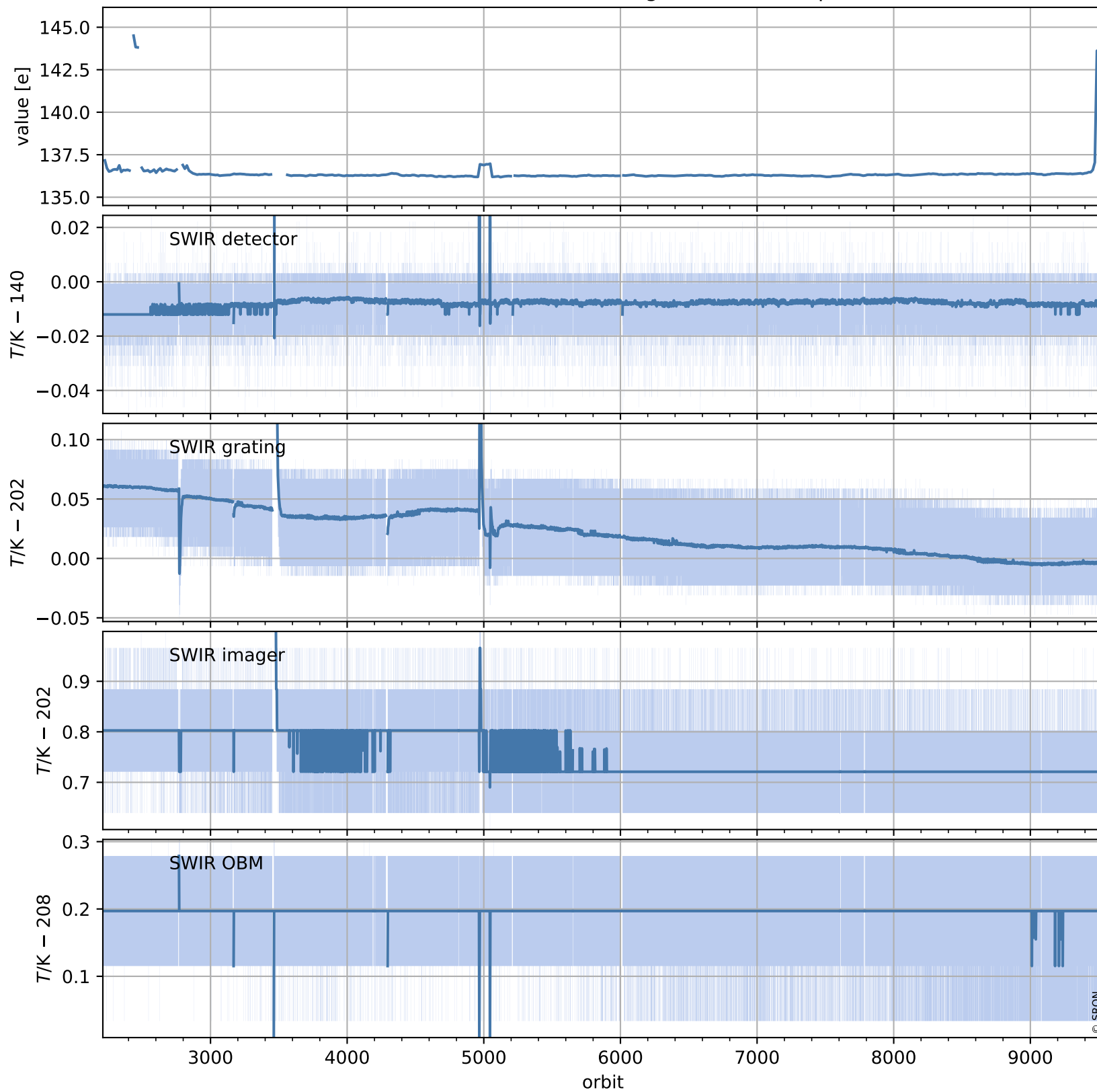
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9532]
coverage : 2018-03-18 / 2019-08-15
created : 2023-08-21T15:04:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9532]
coverage : 2018-03-18 / 2019-08-15
created : 2023-08-21T15:04:58

trend of normalized read-noise & temperatures

