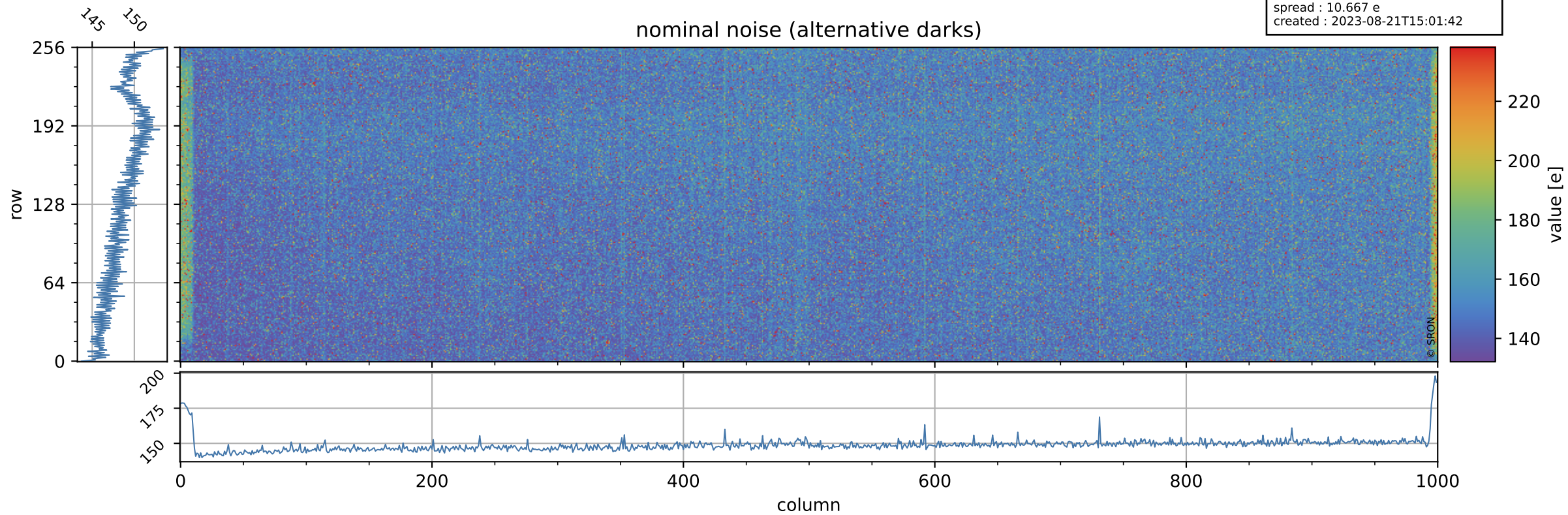


Tropomi SWIR background noise (swir)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.667 e
created : 2023-08-21T15:01:42

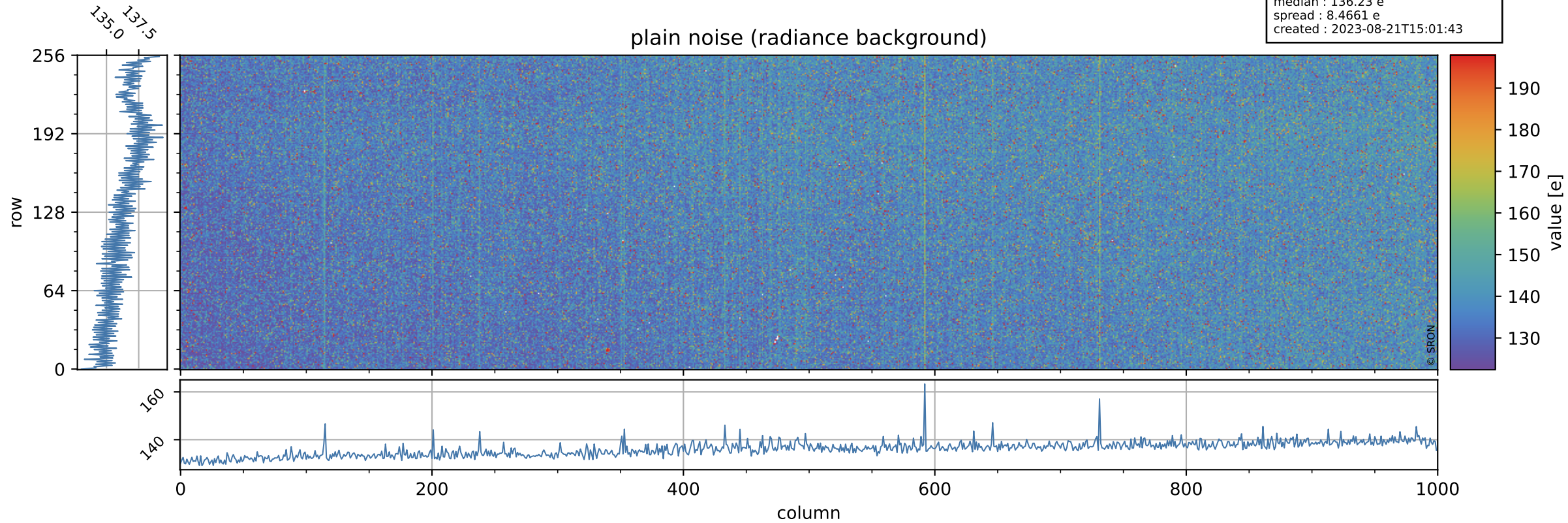
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.4661 e
created : 2023-08-21T15:01:43

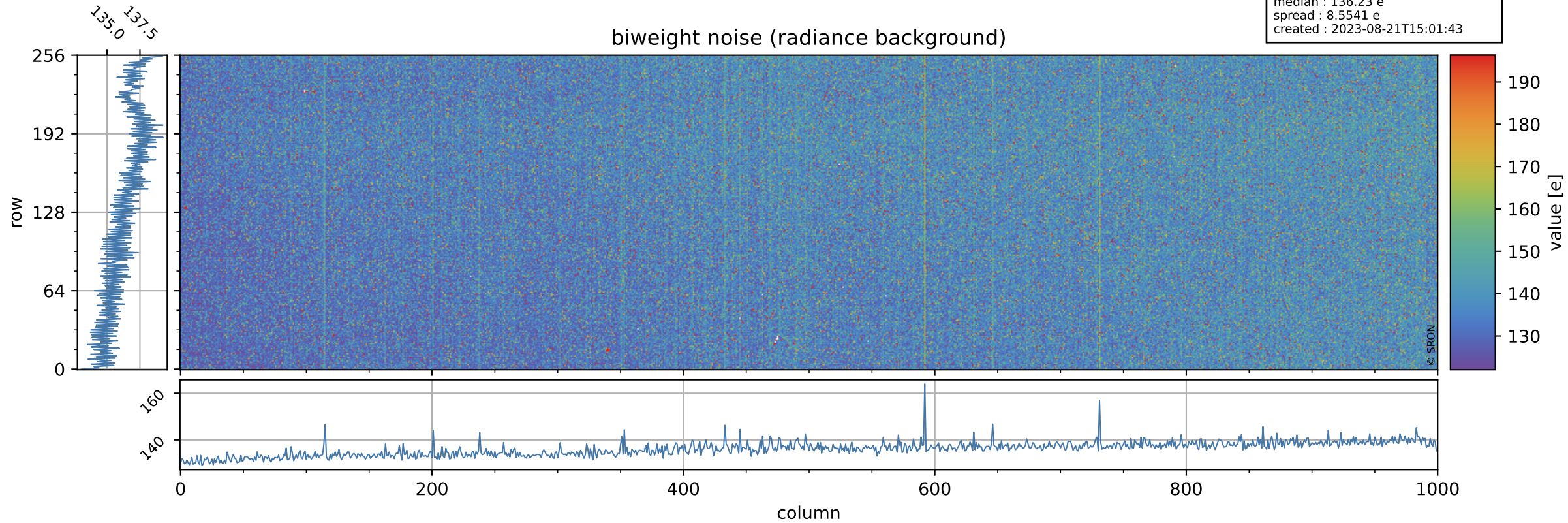
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5541 e
created : 2023-08-21T15:01:43

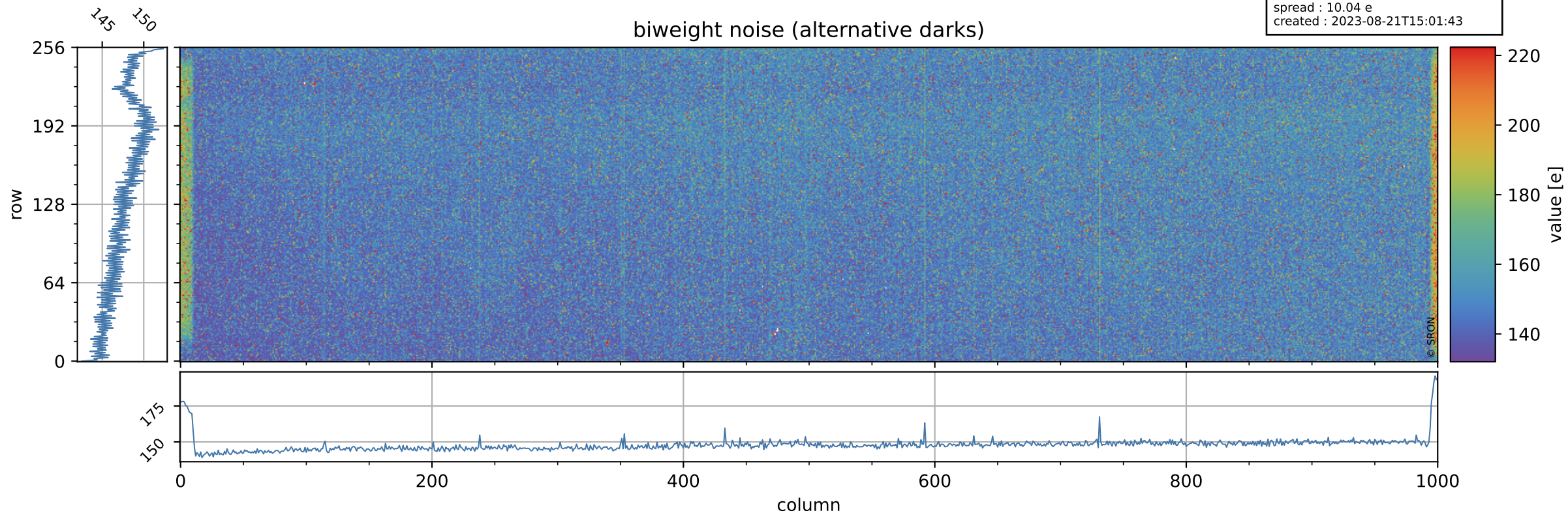
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 10.04 e
created : 2023-08-21T15:01:43

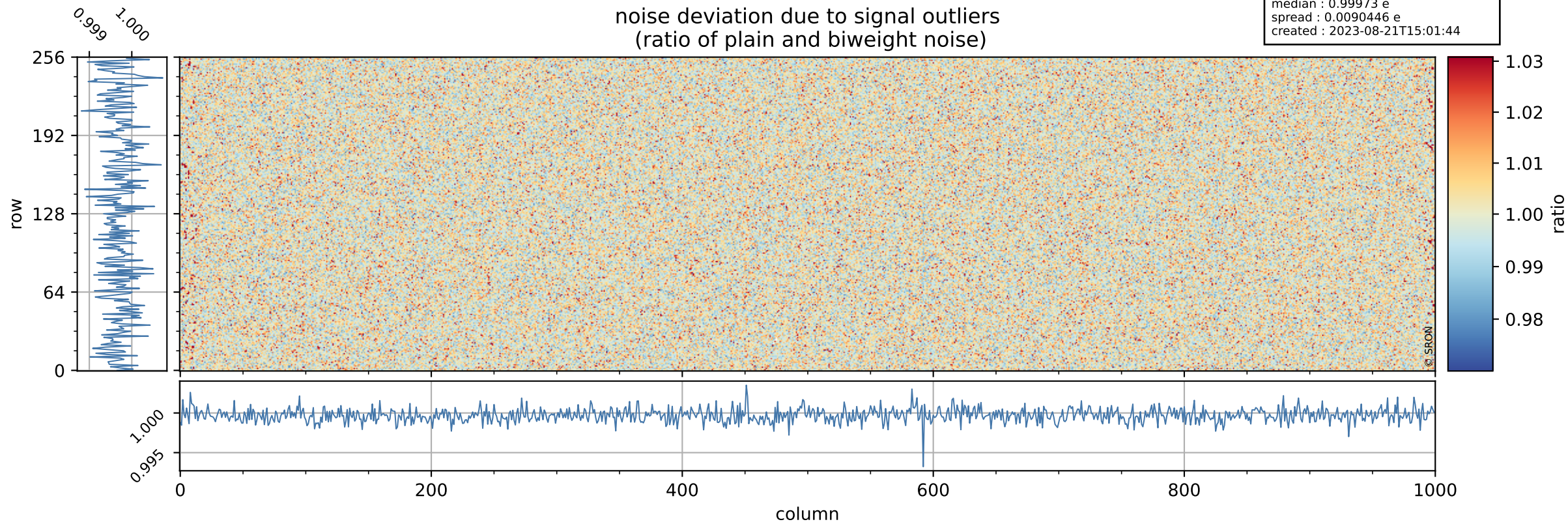
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

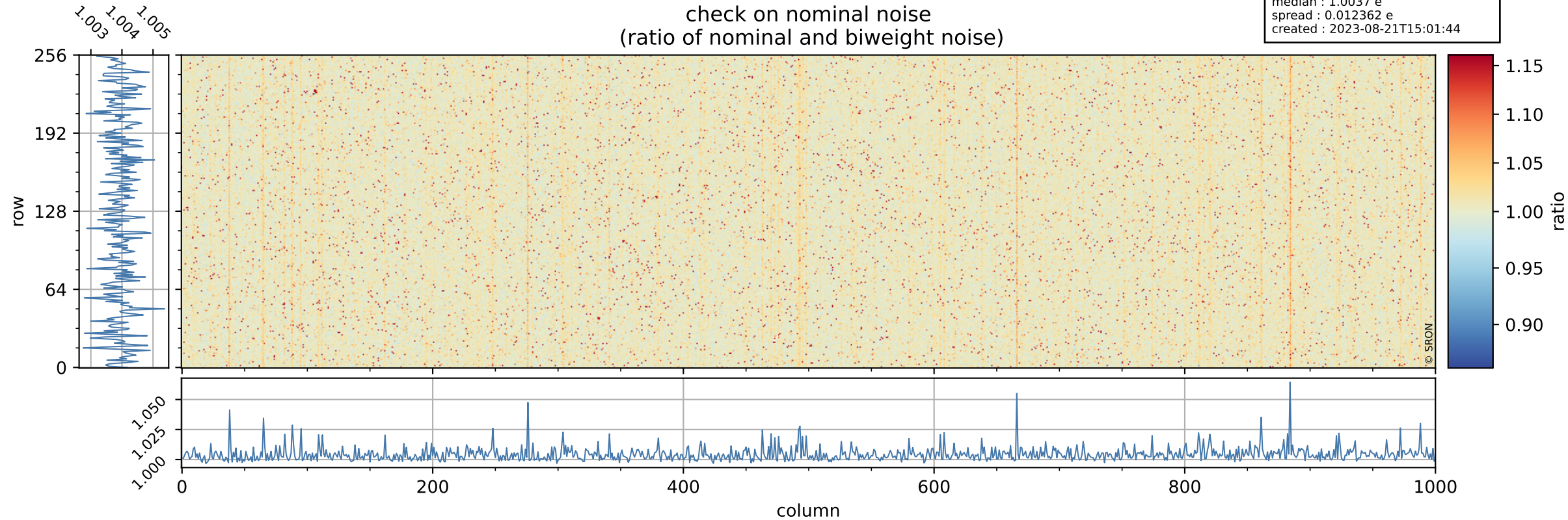
orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
median : 0.99973 e
spread : 0.0090446 e
created : 2023-08-21T15:01:44



Tropomi SWIR background noise (swir)

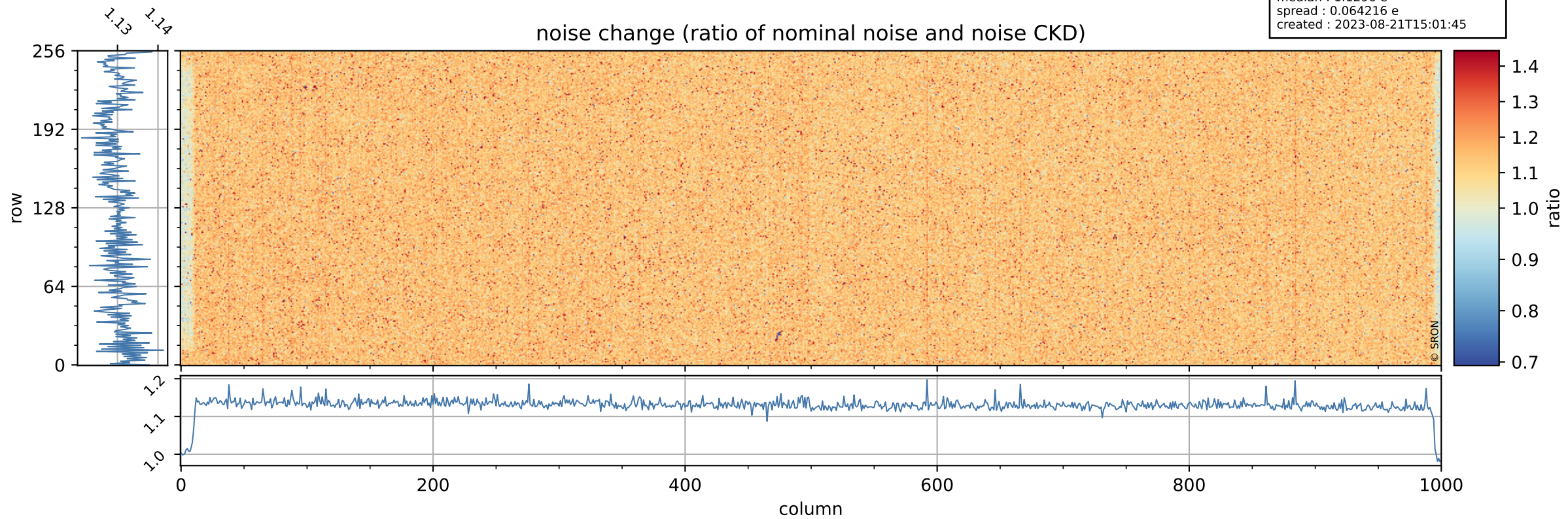
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
median : 1.0037 e
spread : 0.012362 e
created : 2023-08-21T15:01:44



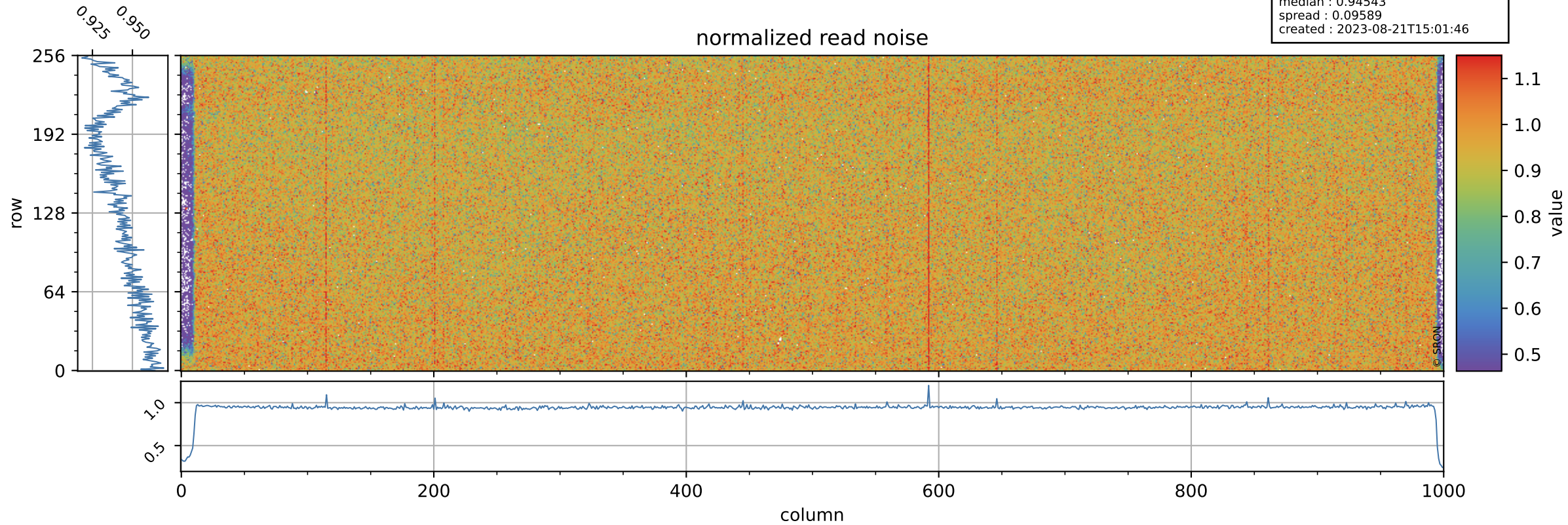
Tropomi SWIR background noise (swir)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
median : 1.1296 e
spread : 0.064216 e
created : 2023-08-21T15:01:45



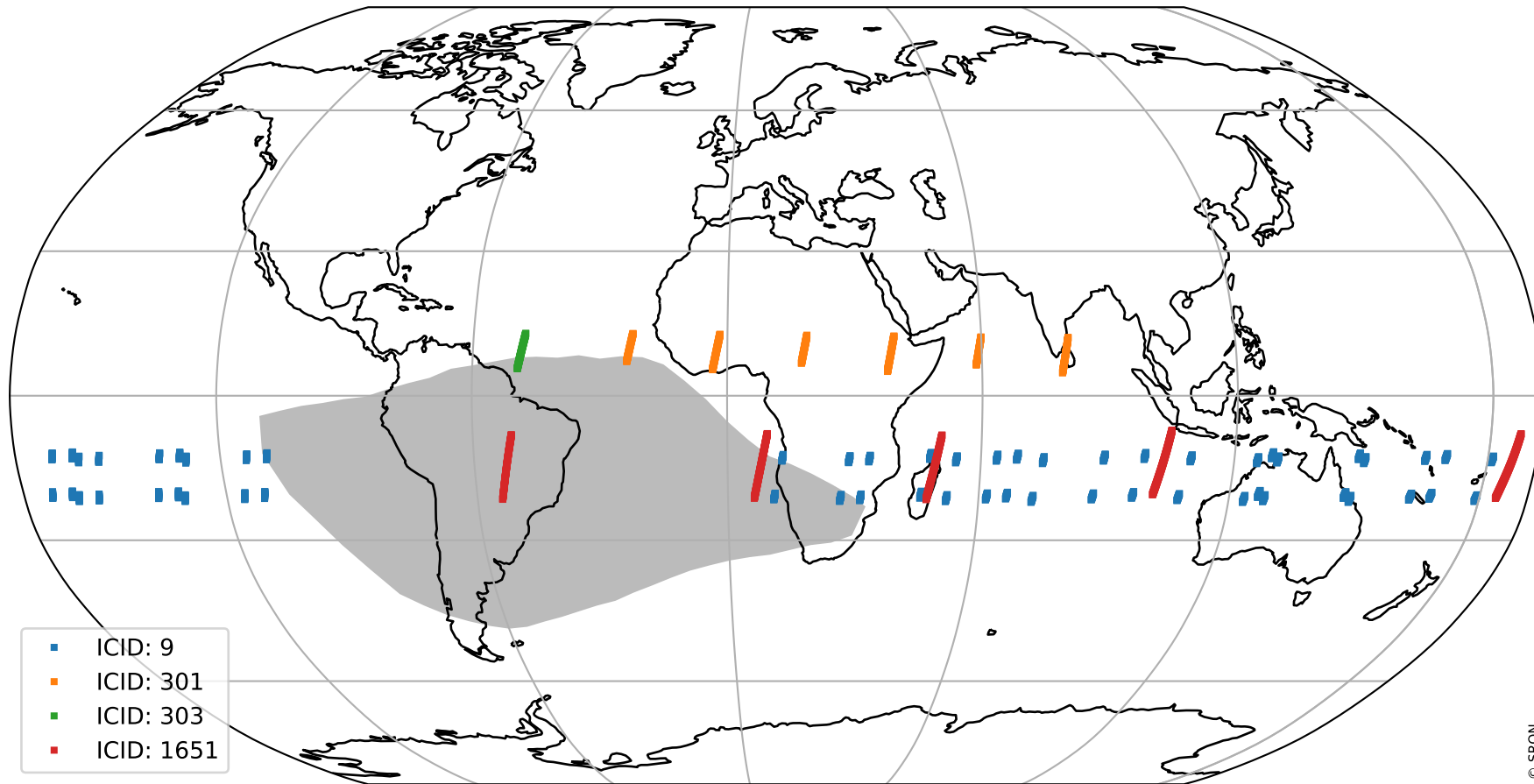
Tropomi SWIR background noise (swir)

orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
median : 0.94543
spread : 0.09589
created : 2023-08-21T15:01:46



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

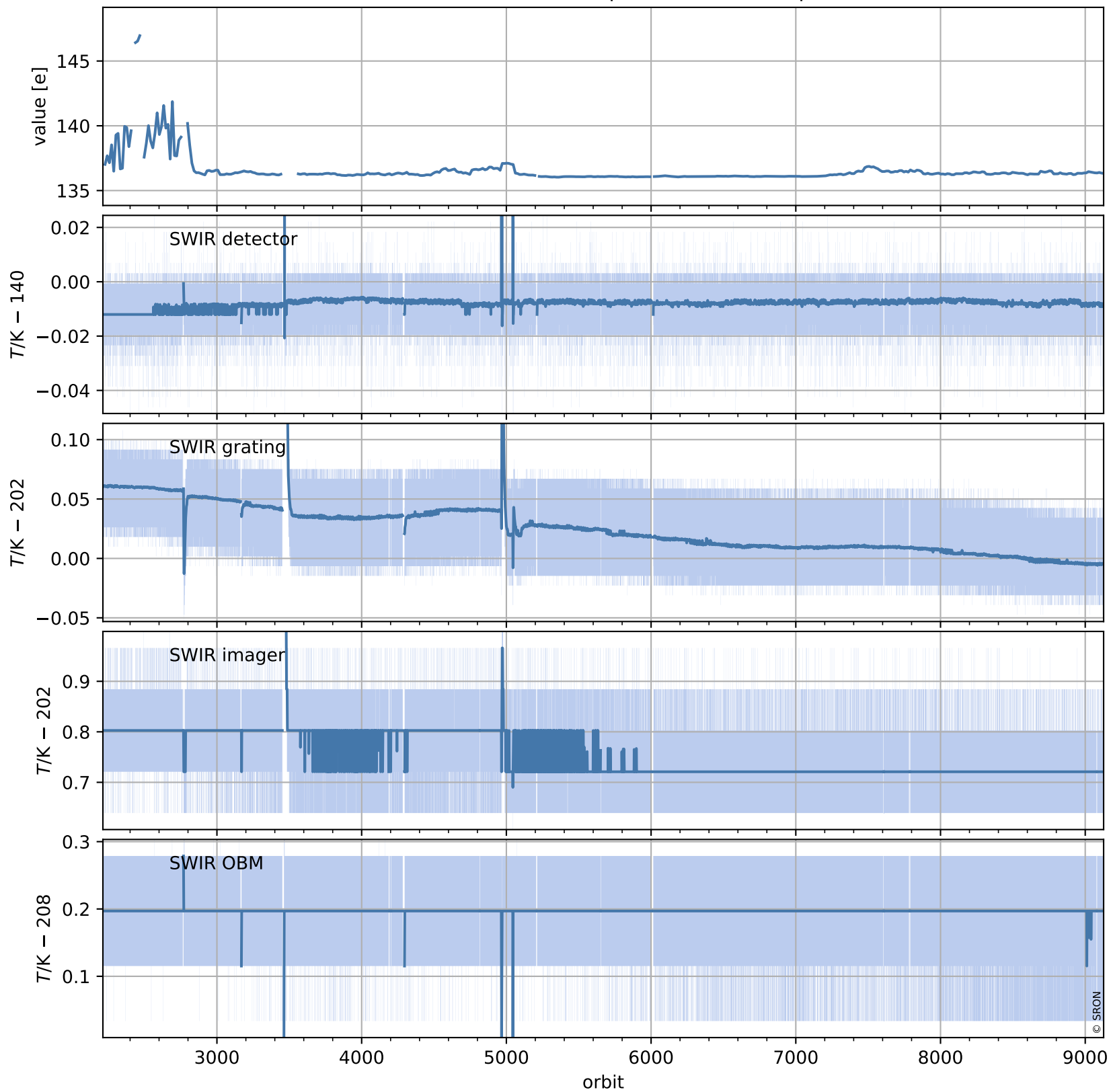
orbits : 12 in [9037, 9127]
coverage : 2019-07-12 / 2019-07-18
created : 2023-08-21T15:01:46



Tropomi SWIR background noise (swir)

orbits : [2212, 9127]
coverage : 2018-03-18 / 2019-07-18
created : 2023-08-21T15:01:46

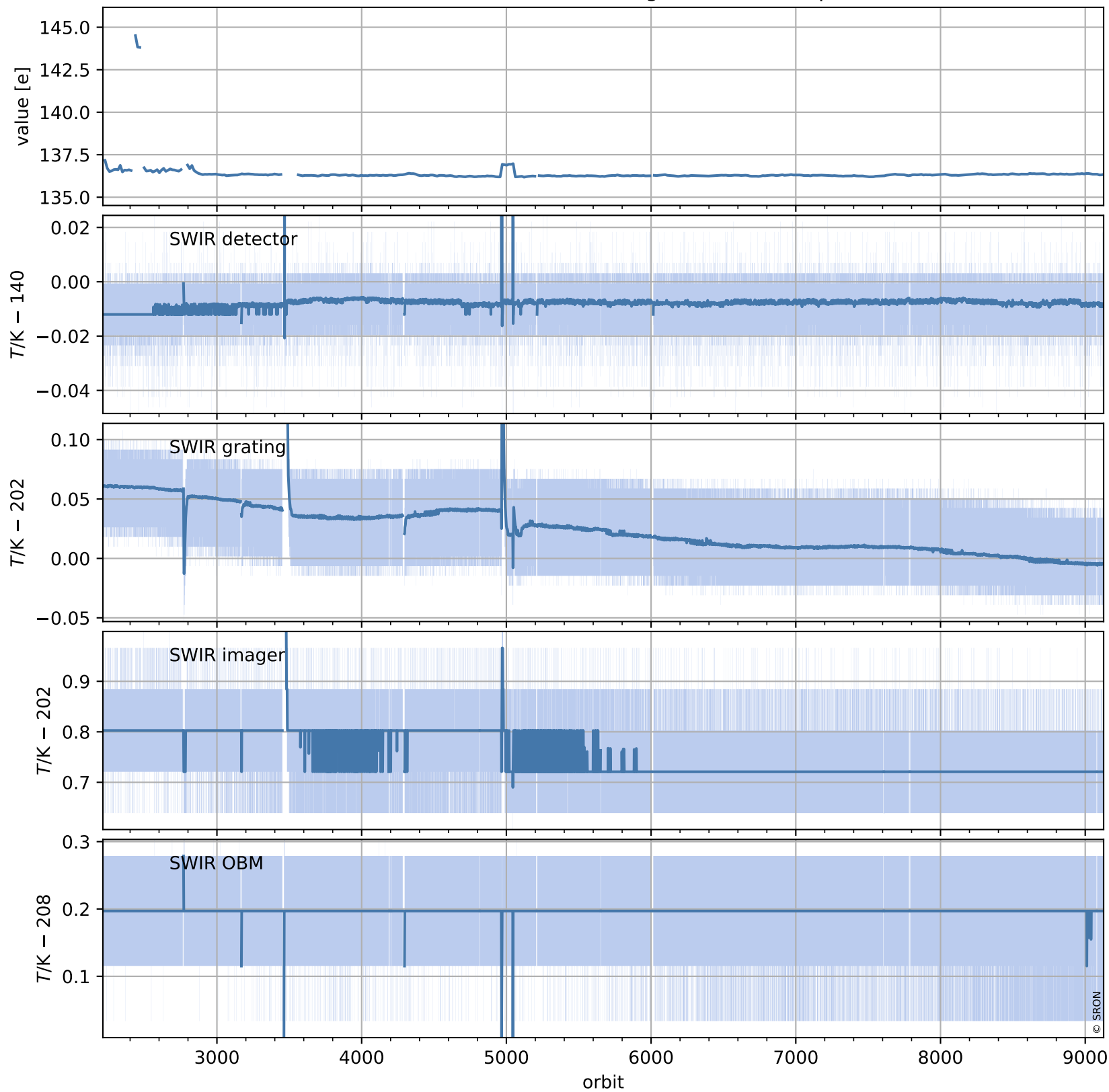
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9127]
coverage : 2018-03-18 / 2019-07-18
created : 2023-08-21T15:01:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9127]
coverage : 2018-03-18 / 2019-07-18
created : 2023-08-21T15:01:48

trend of normalized read-noise & temperatures

