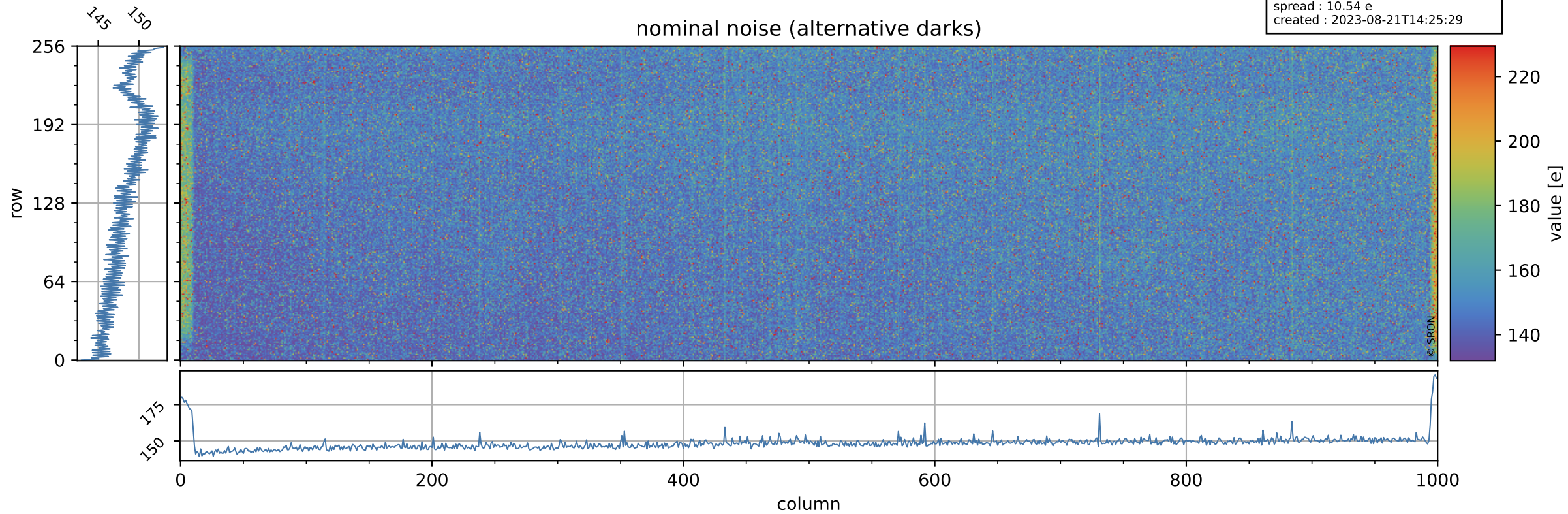


Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.54 e
created : 2023-08-21T14:25:29

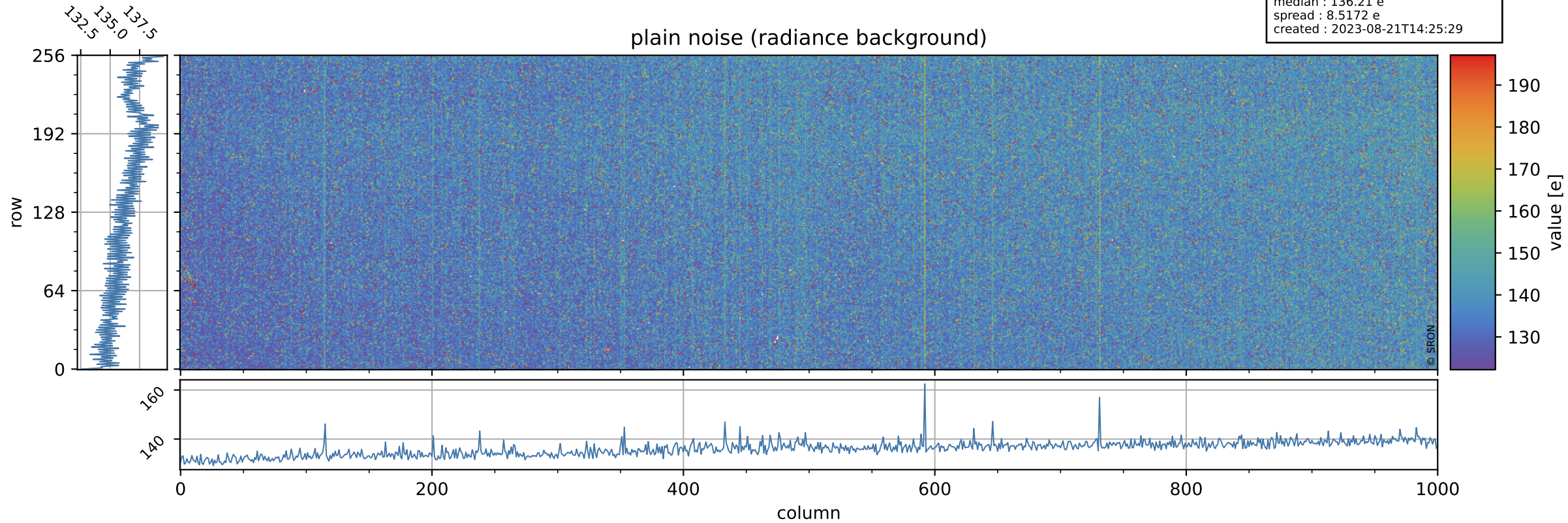
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5172 e
created : 2023-08-21T14:25:29

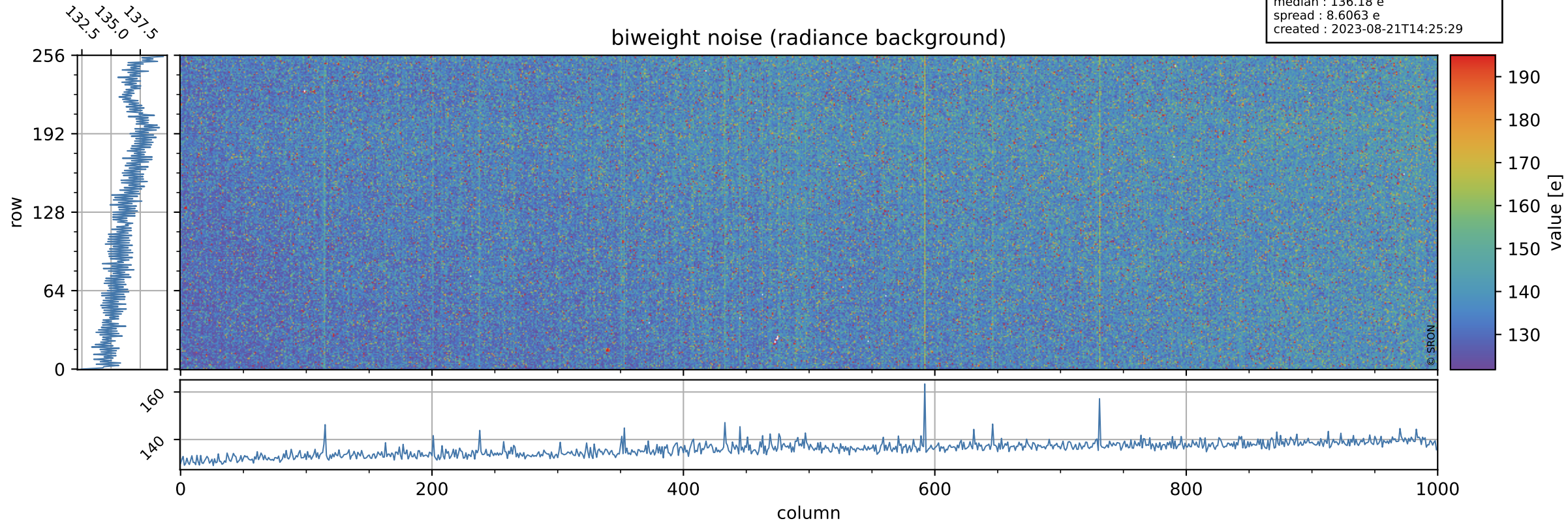
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.6063 e
created : 2023-08-21T14:25:29

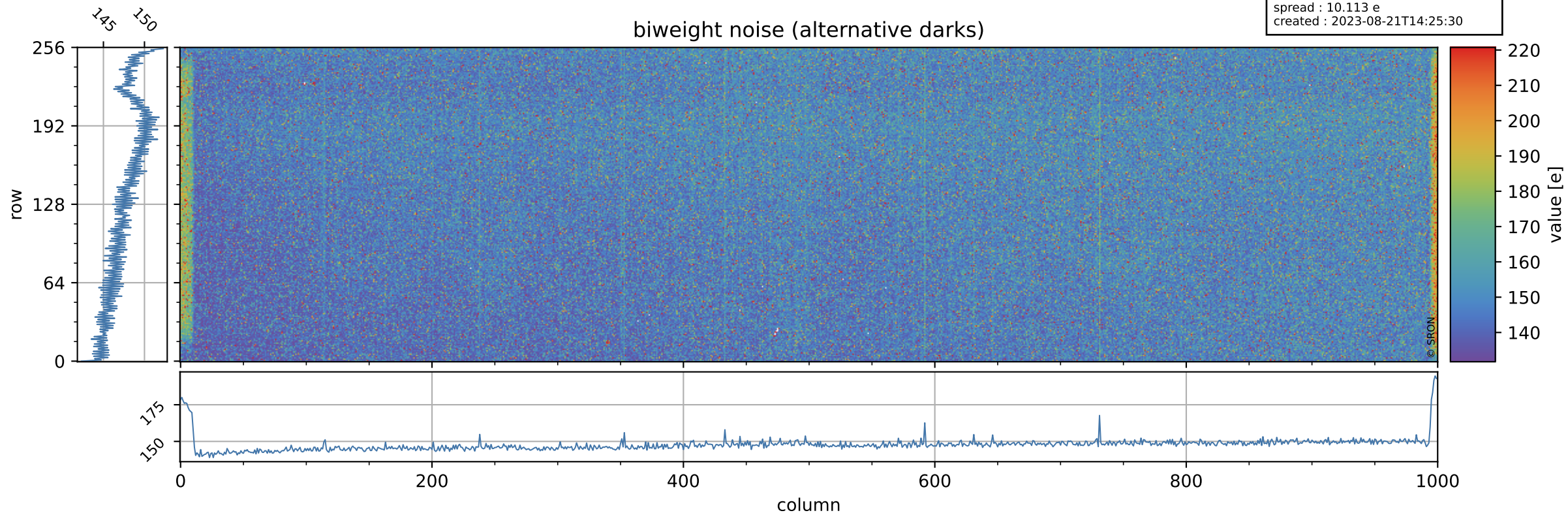
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.113 e
created : 2023-08-21T14:25:30

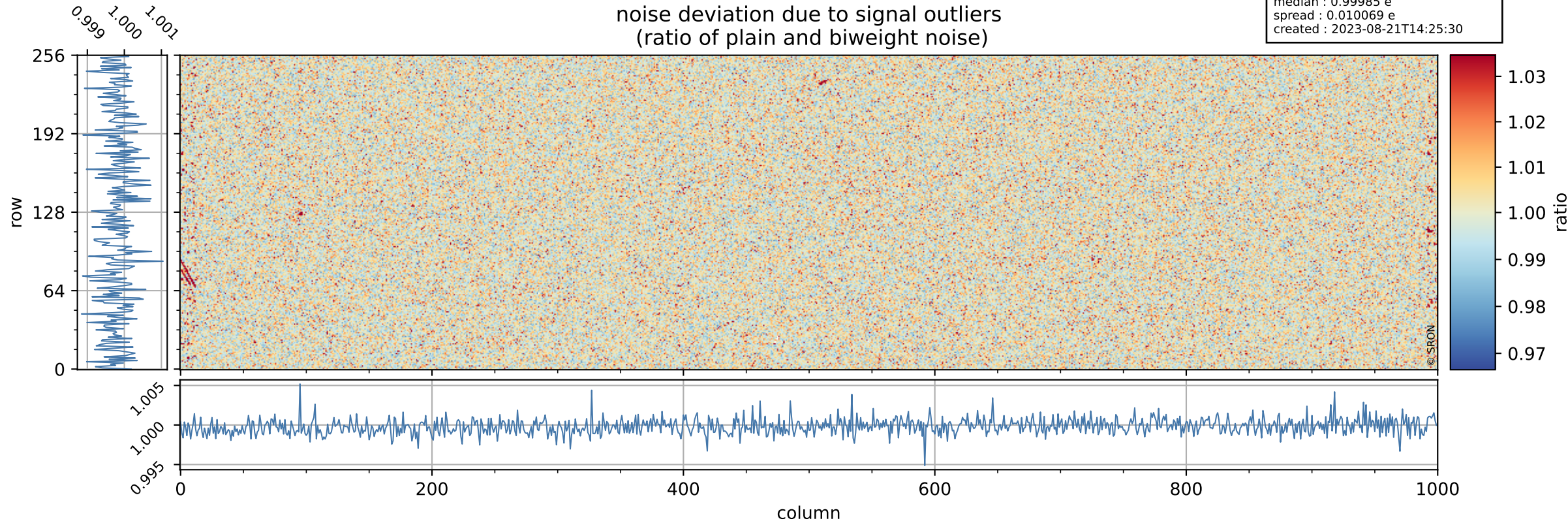
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

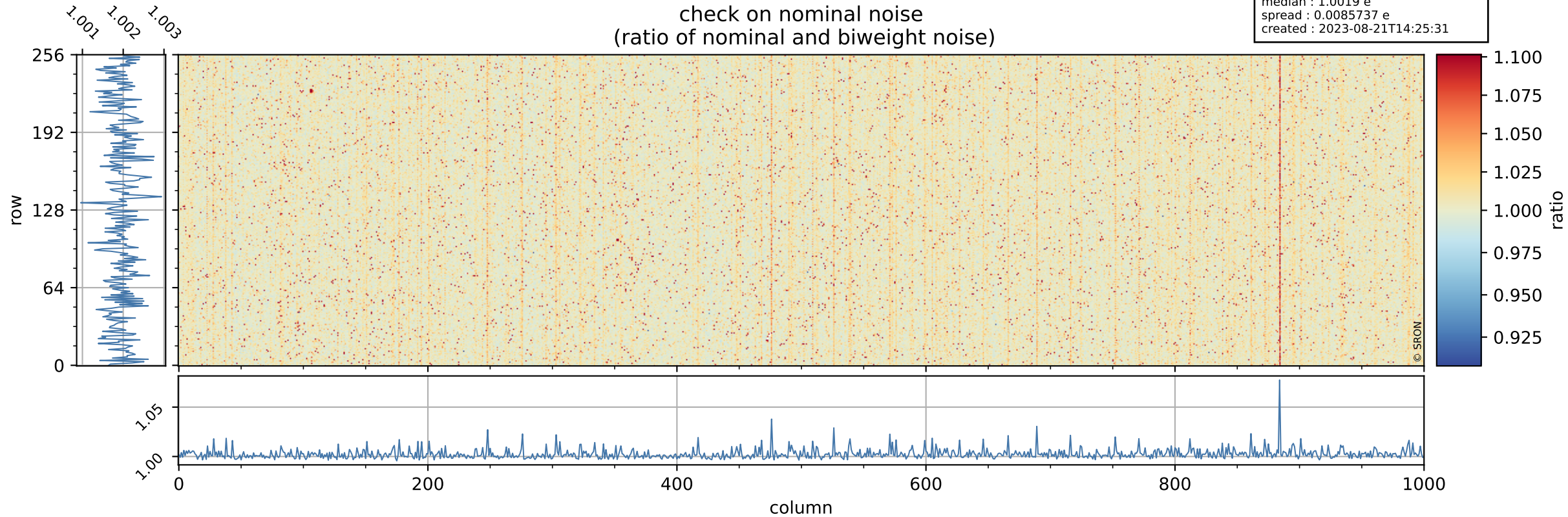
orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
median : 0.99985 e
spread : 0.010069 e
created : 2023-08-21T14:25:30



Tropomi SWIR background noise (swir)

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

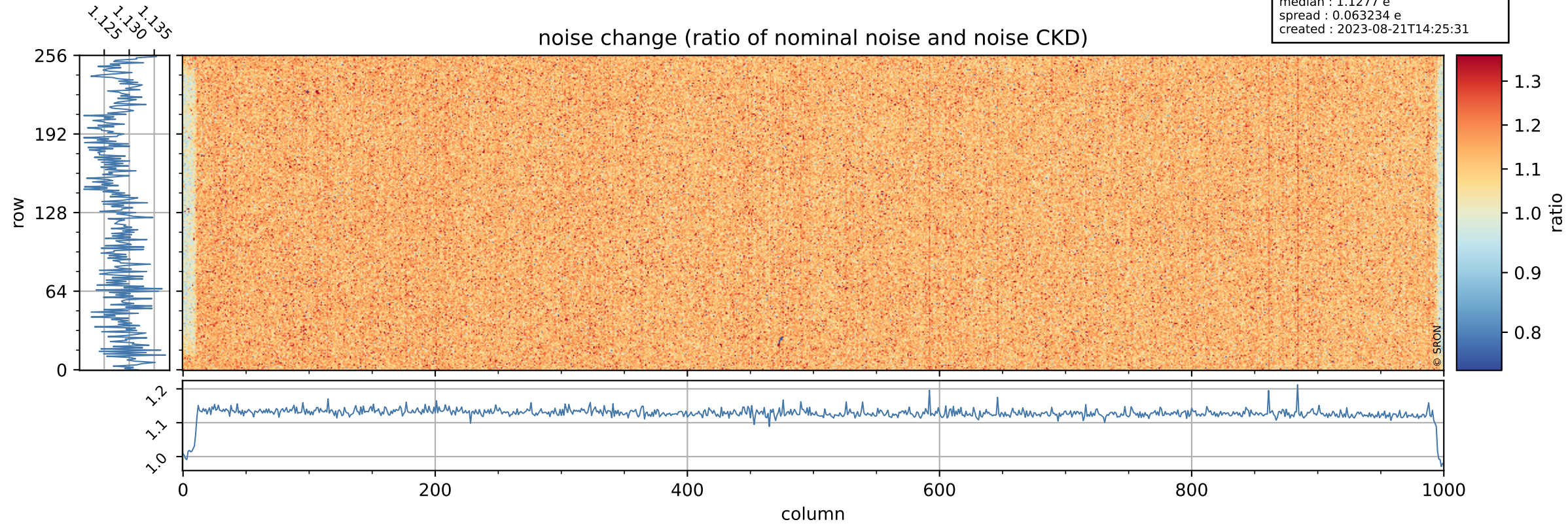
orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
median : 1.0019 e
spread : 0.0085737 e
created : 2023-08-21T14:25:31



Tropomi SWIR background noise (swir)

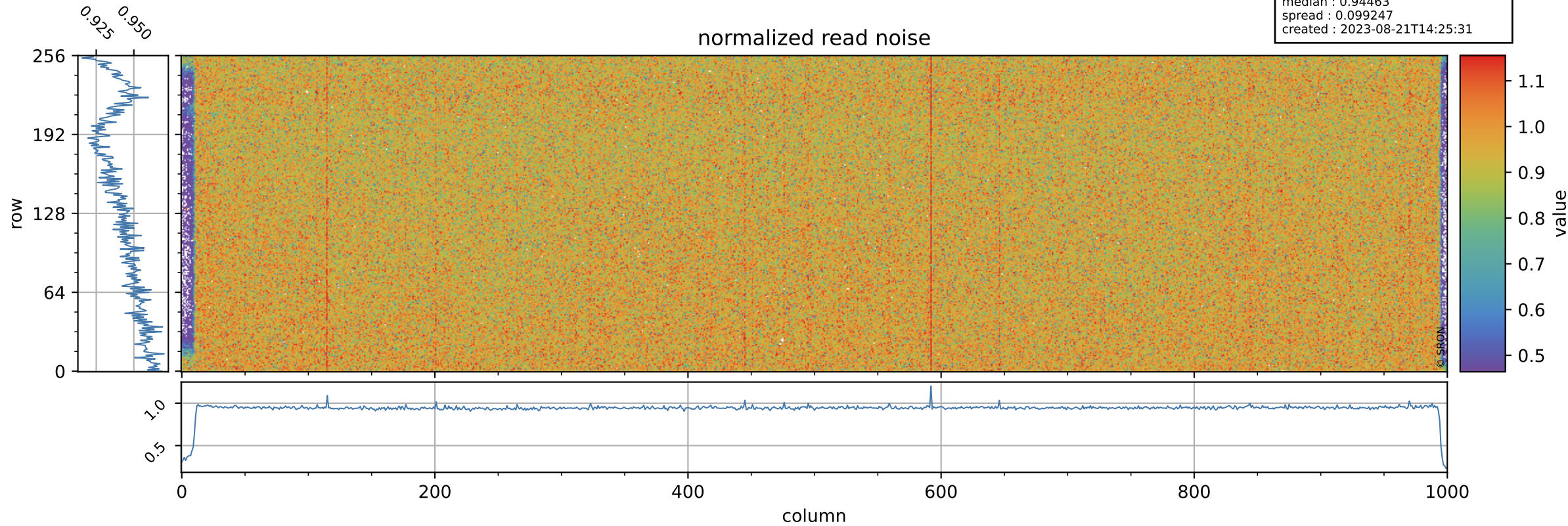
orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
median : 1.1277 e
spread : 0.063234 e
created : 2023-08-21T14:25:31

noise change (ratio of nominal noise and noise CKD)



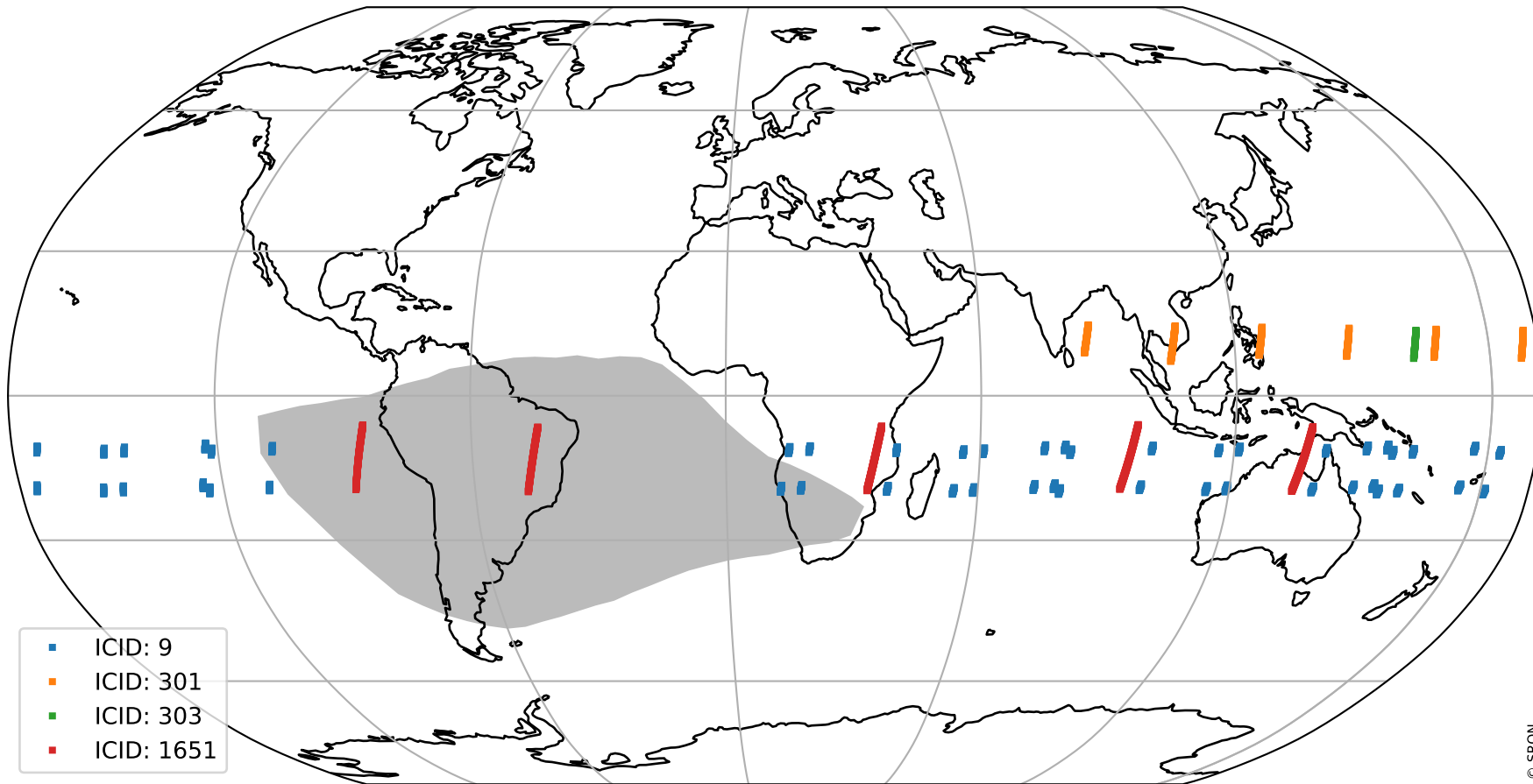
Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
median : 0.94463
spread : 0.099247
created : 2023-08-21T14:25:31



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

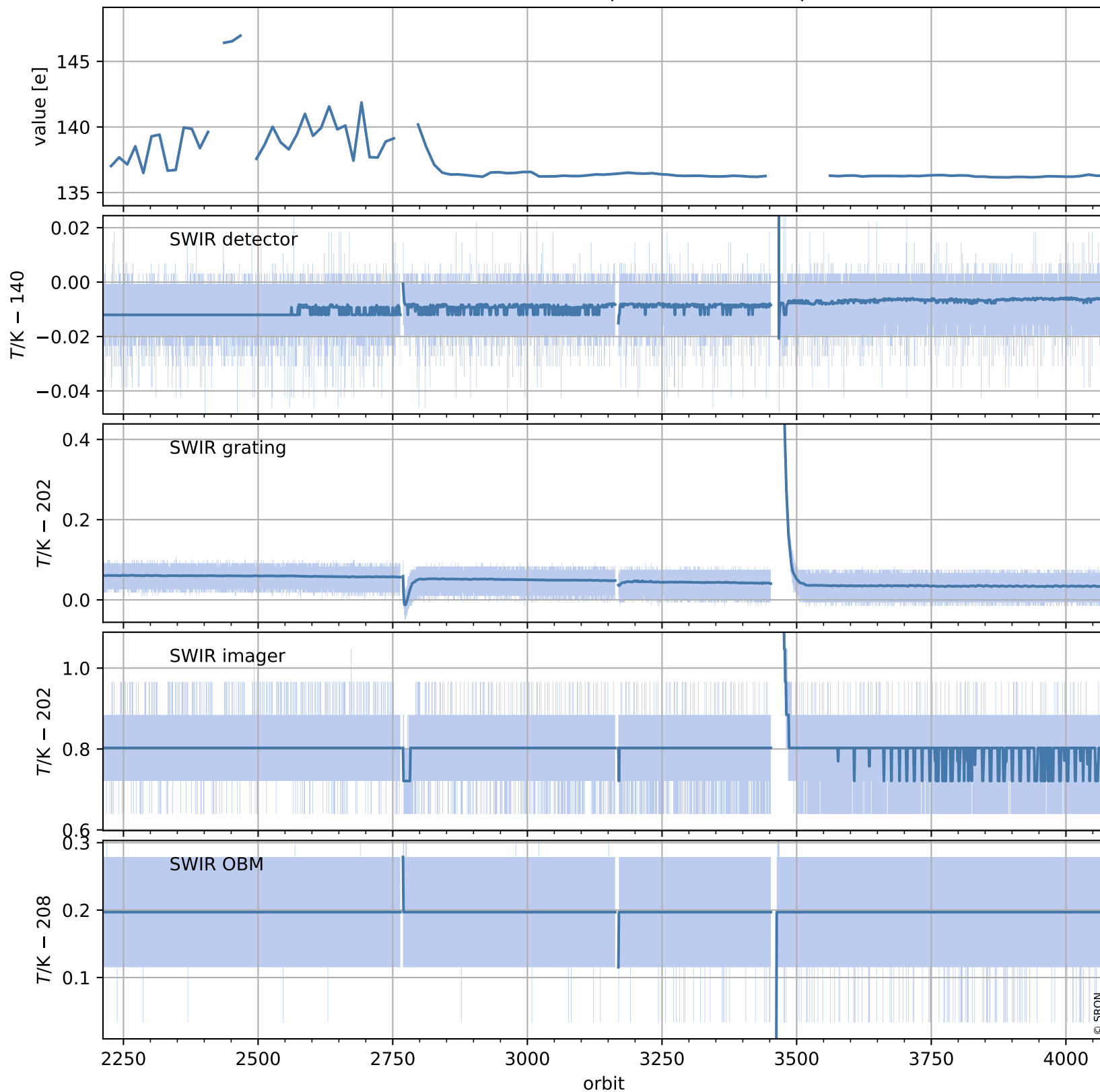
orbits : 12 in [3997, 4072]
coverage : 2018-07-21 / 2018-07-26
created : 2023-08-21T14:25:32



Tropomi SWIR background noise (swir)

orbits : [2212, 4072]
coverage : 2018-03-18 / 2018-07-26
created : 2023-08-21T14:25:32

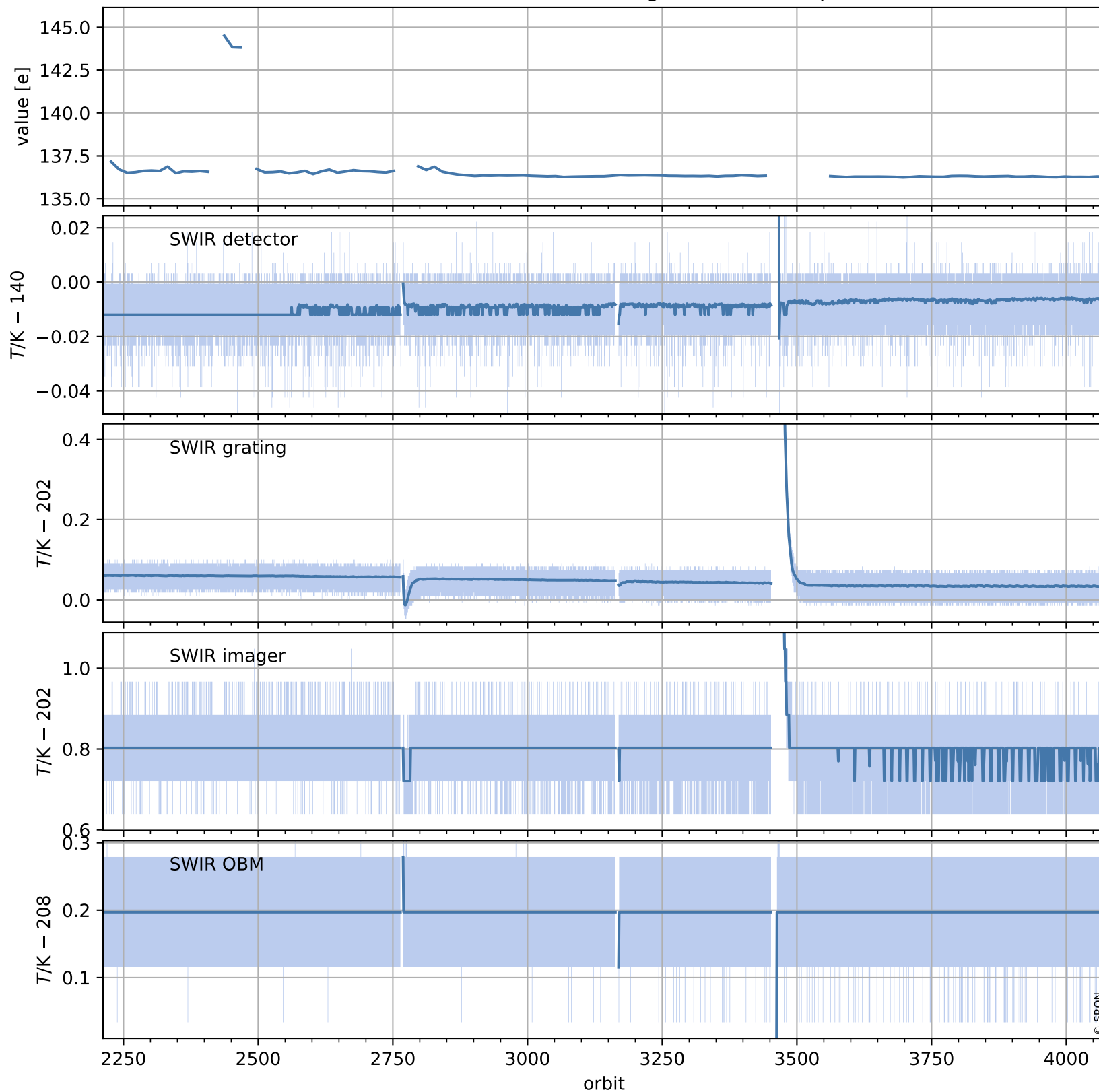
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4072]
coverage : 2018-03-18 / 2018-07-26
created : 2023-08-21T14:25:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4072]
coverage : 2018-03-18 / 2018-07-26
created : 2023-08-21T14:25:33

trend of normalized read-noise & temperatures

