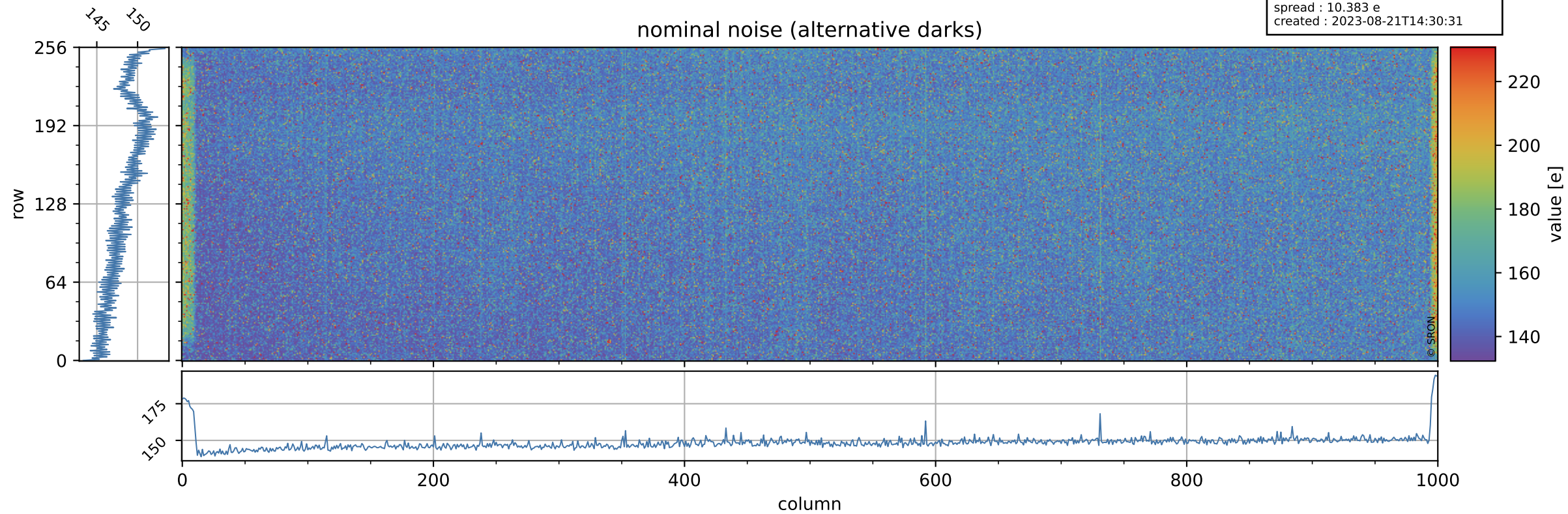


Tropomi SWIR background noise (swir)

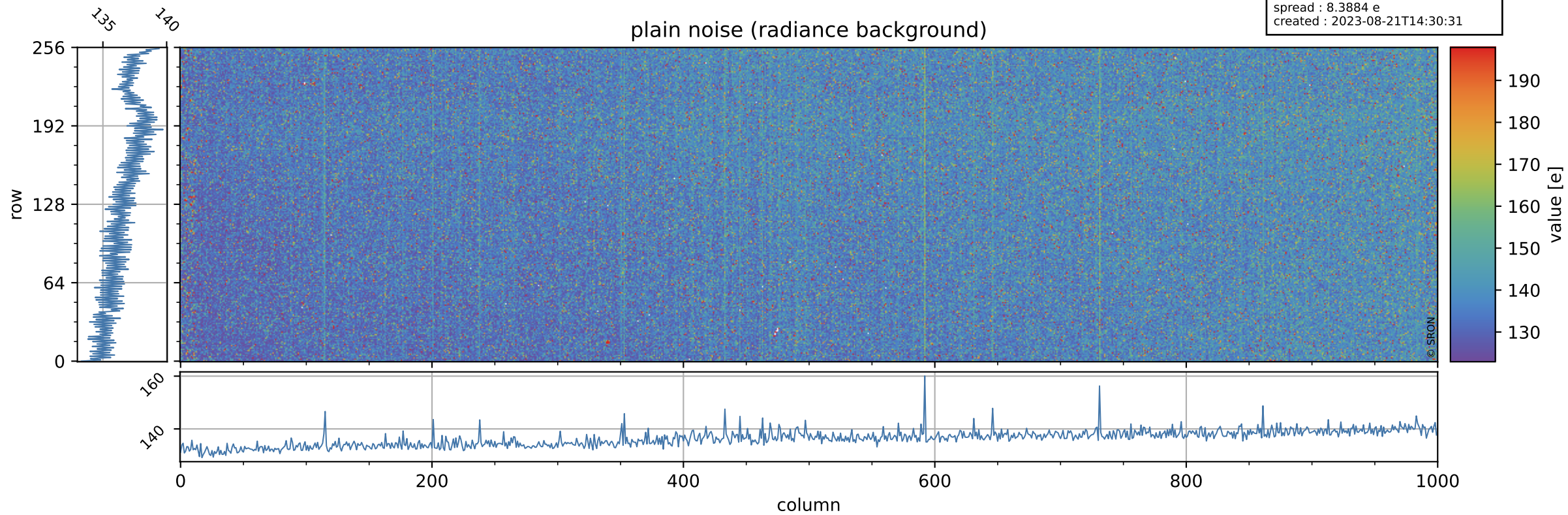
orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.383 e
created : 2023-08-21T14:30:31



Tropomi SWIR background noise (swir)

orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
n_coad, t_exp : 2, 0.5383
median : 136.53 e
spread : 8.3884 e
created : 2023-08-21T14:30:31

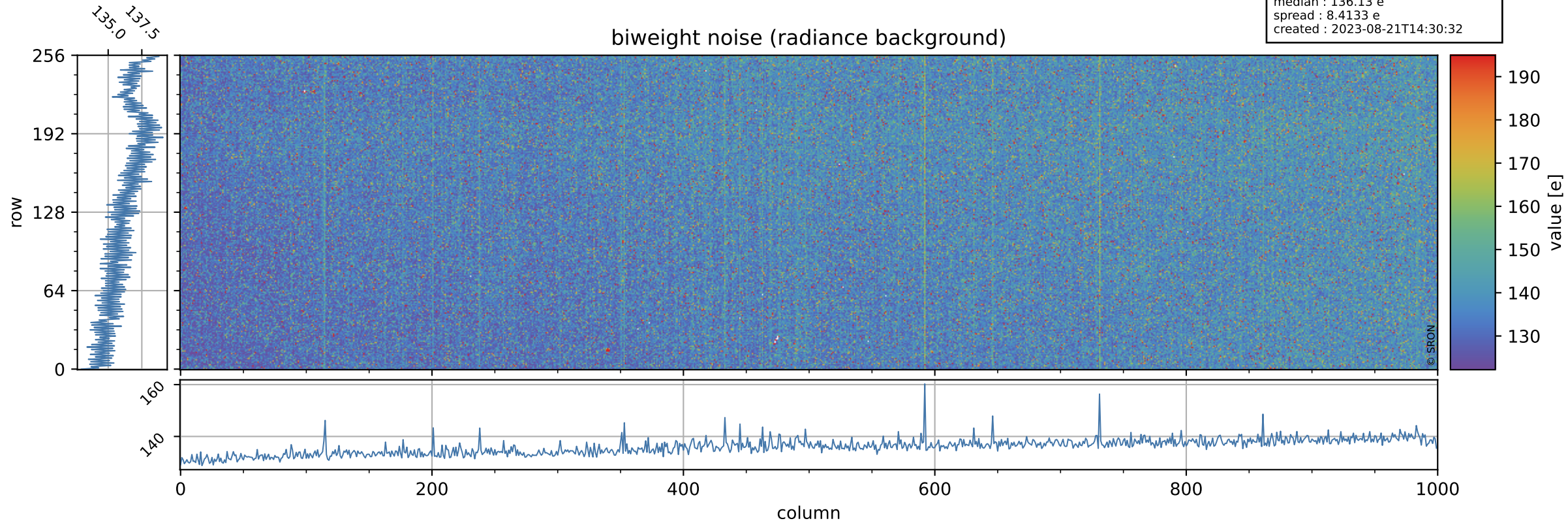
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4133 e
created : 2023-08-21T14:30:32

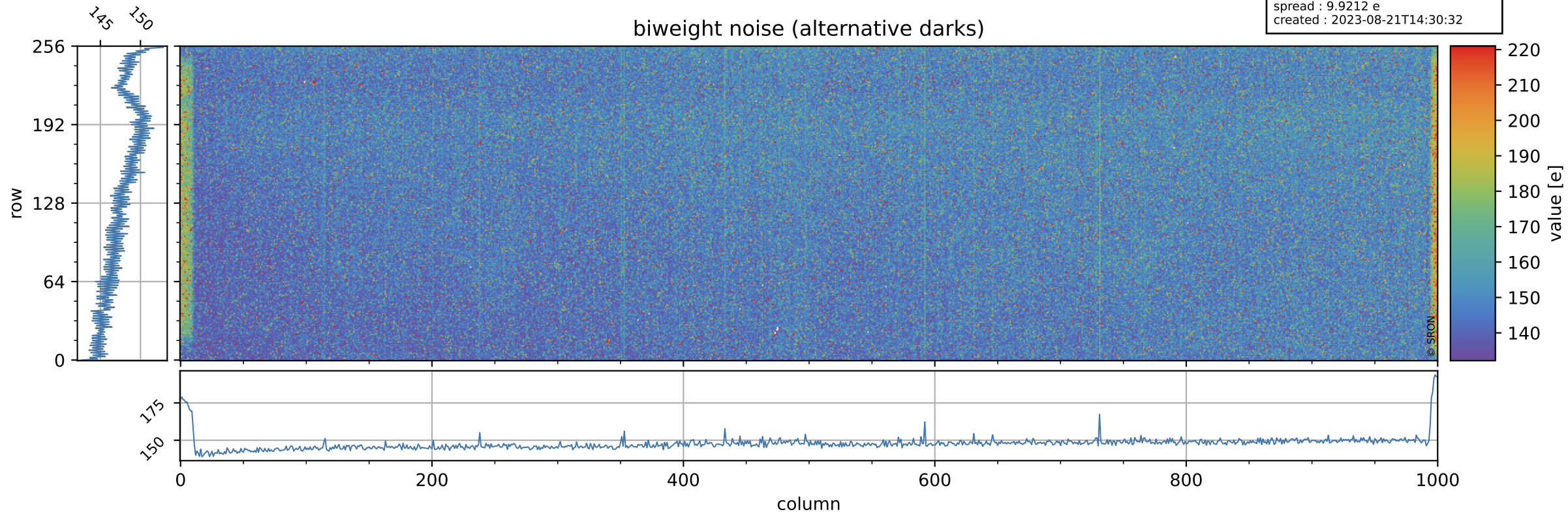
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9212 e
created : 2023-08-21T14:30:32

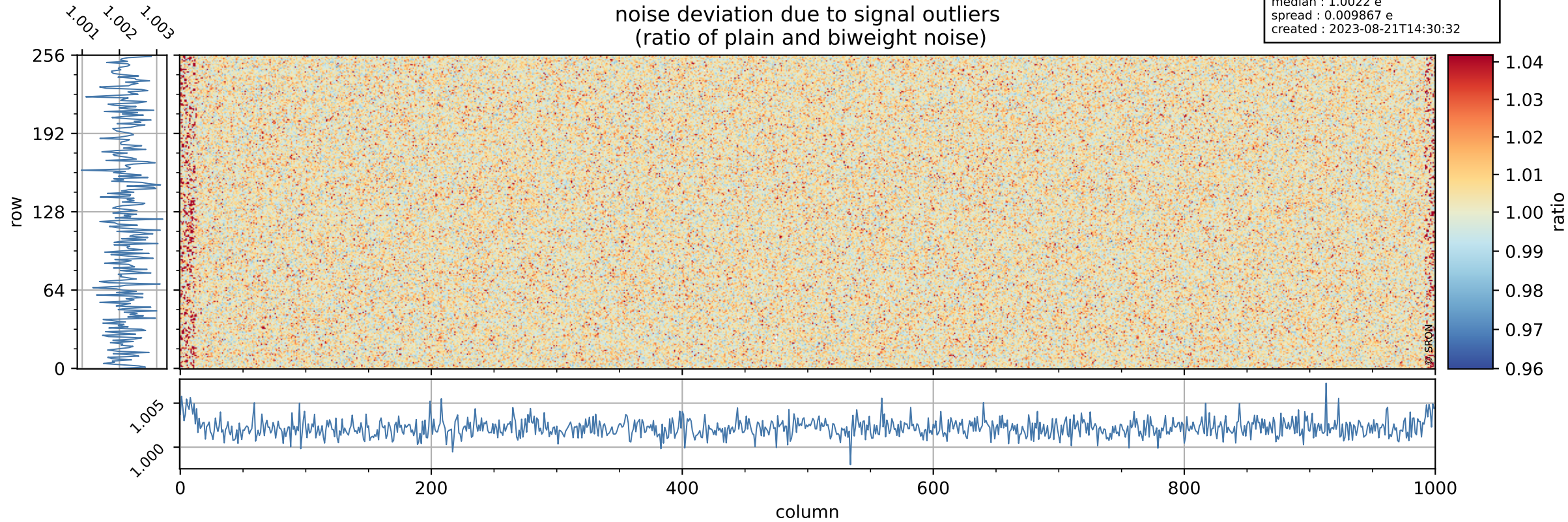
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

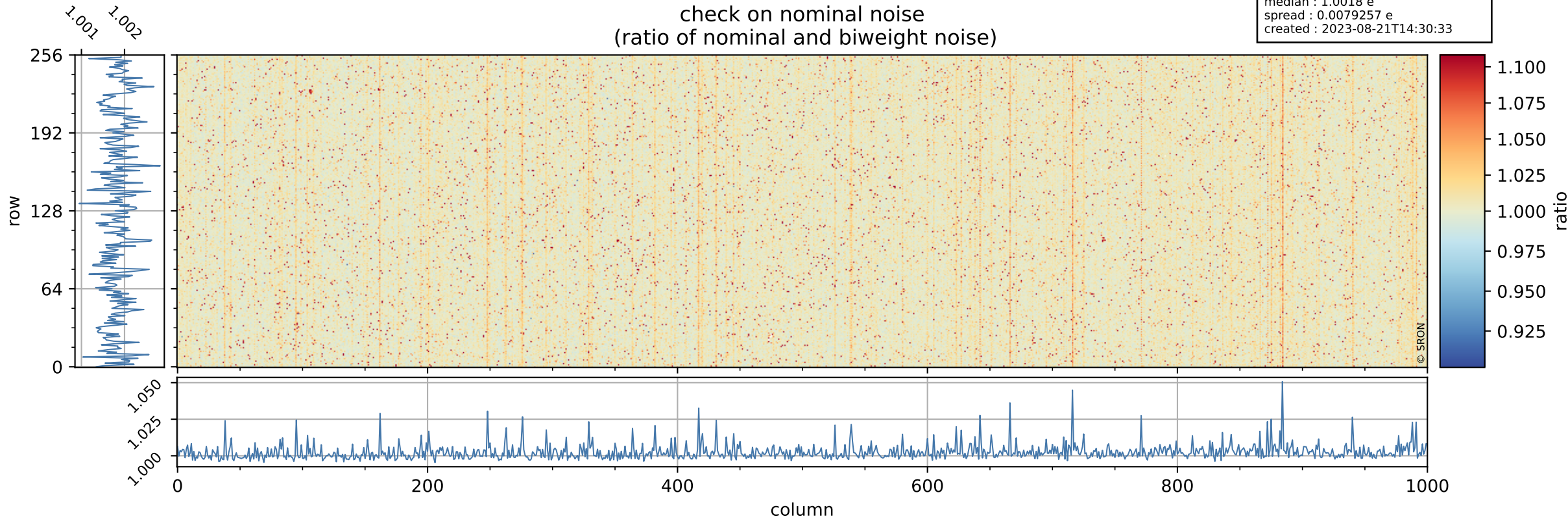
orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
median : 1.0022 e
spread : 0.009867 e
created : 2023-08-21T14:30:32



Tropomi SWIR background noise (swir)

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

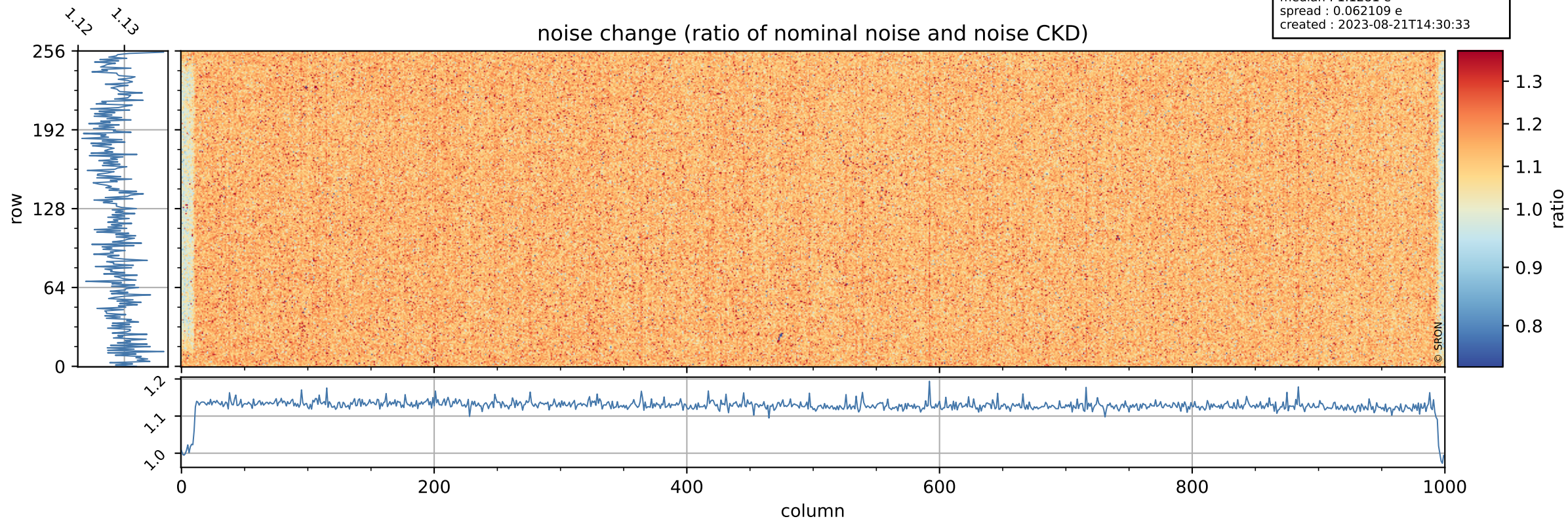
orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
median : 1.0018 e
spread : 0.0079257 e
created : 2023-08-21T14:30:33



Tropomi SWIR background noise (swir)

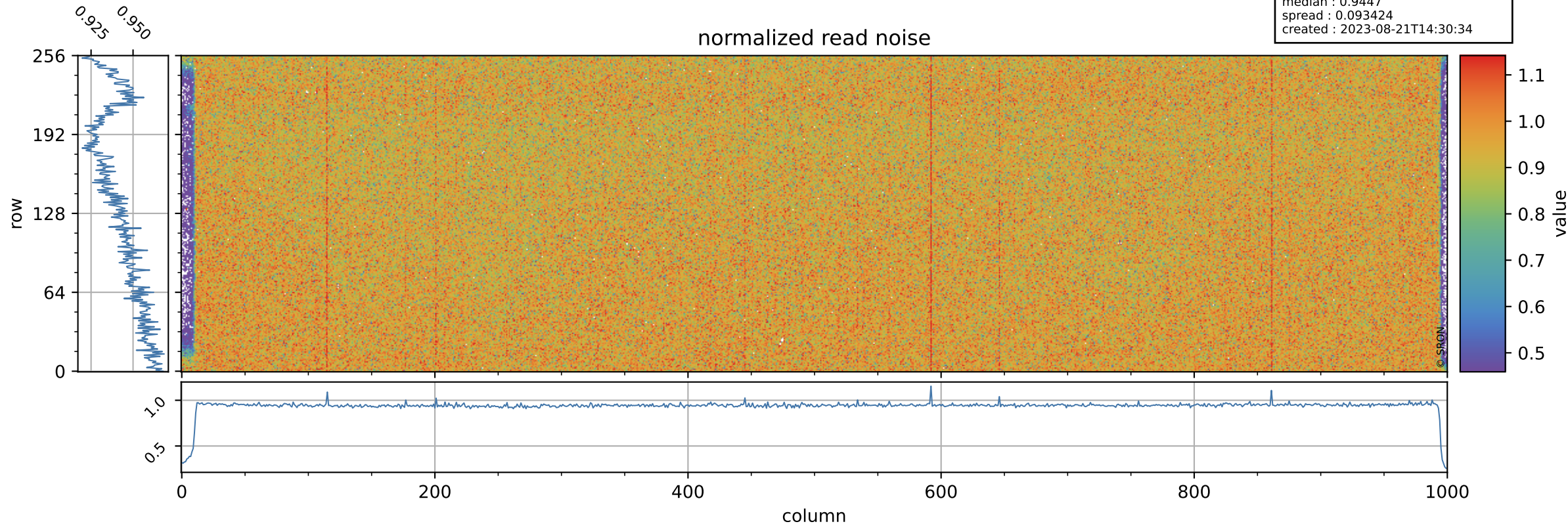
orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
median : 1.1281 e
spread : 0.062109 e
created : 2023-08-21T14:30:33

noise change (ratio of nominal noise and noise CKD)



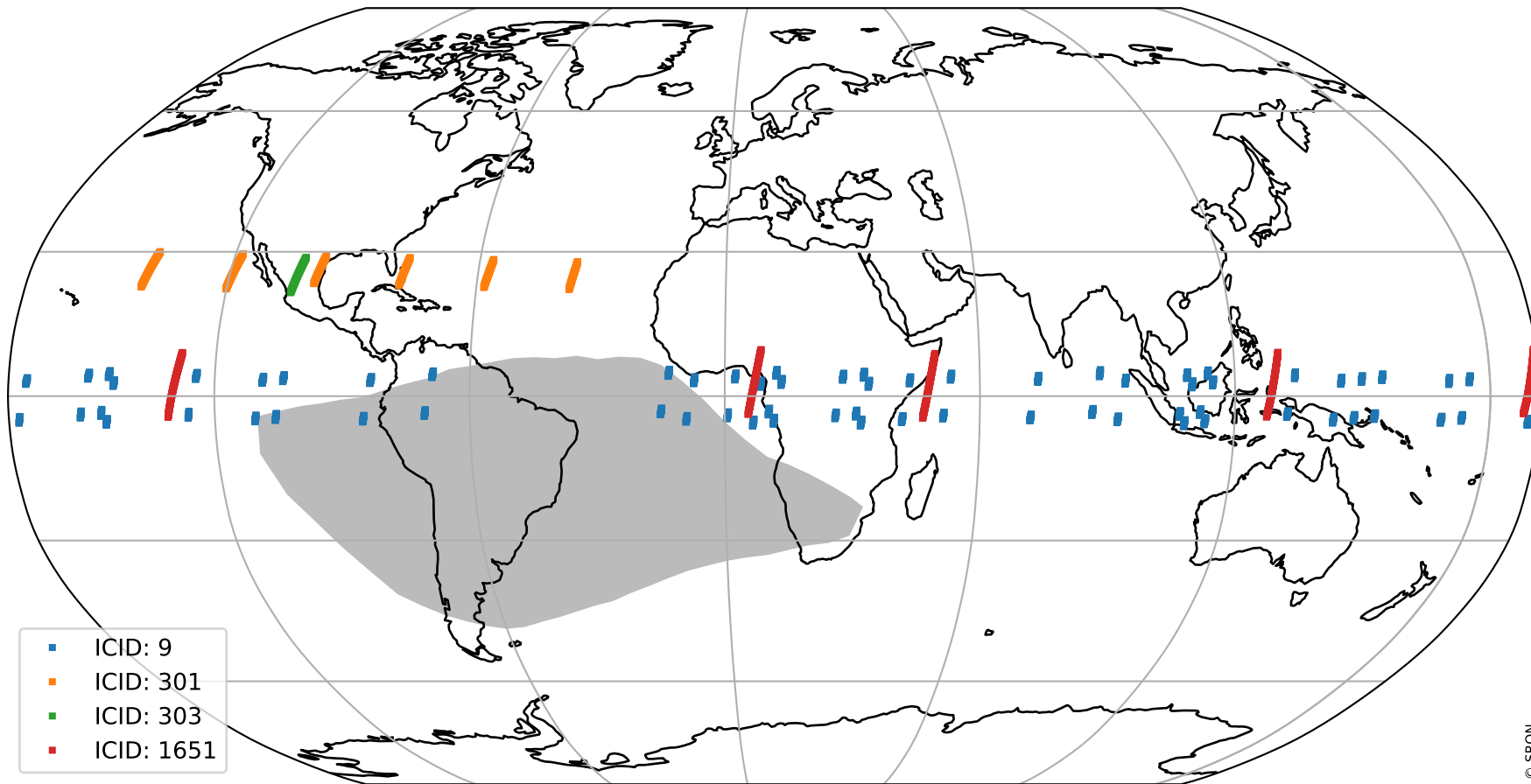
Tropomi SWIR background noise (swir)

orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
median : 0.9447
spread : 0.093424
created : 2023-08-21T14:30:34



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

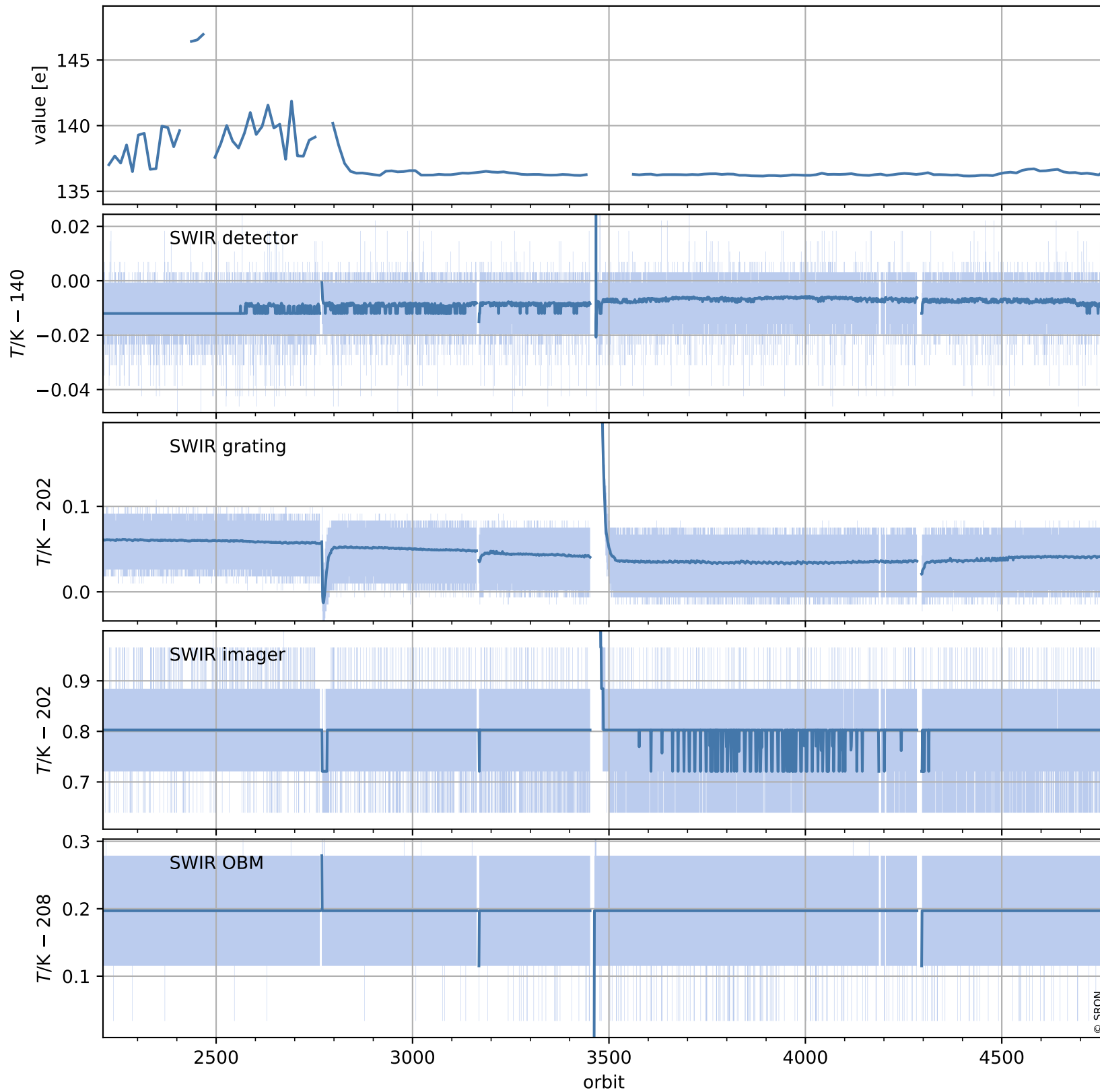
orbits : 12 in [4672, 4762]
coverage : 2018-09-08 / 2018-09-13
created : 2023-08-21T14:30:34



Tropomi SWIR background noise (swir)

orbits : [2212, 4762]
coverage : 2018-03-18 / 2018-09-13
created : 2023-08-21T14:30:34

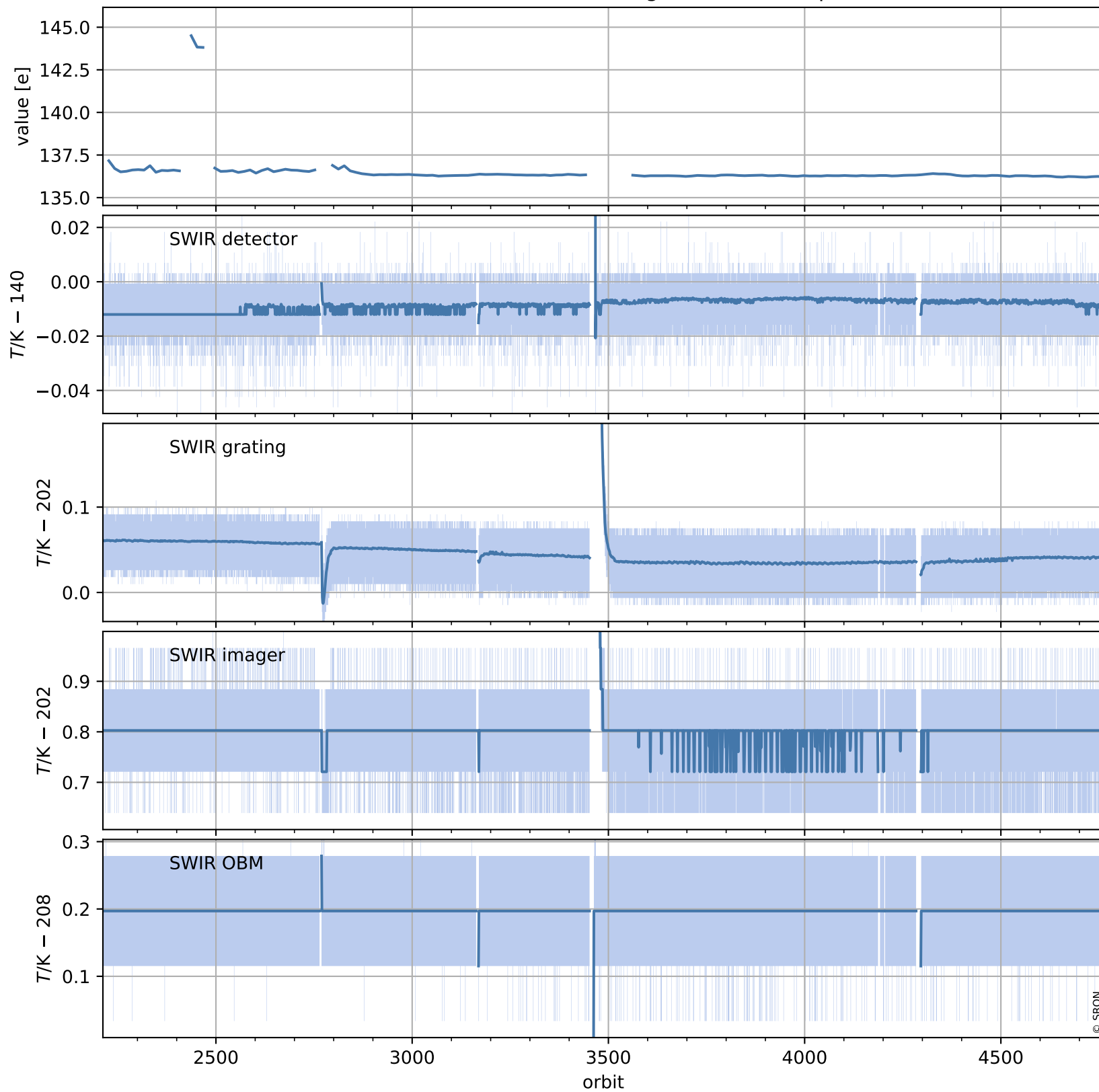
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4762]
coverage : 2018-03-18 / 2018-09-13
created : 2023-08-21T14:30:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4762]
coverage : 2018-03-18 / 2018-09-13
created : 2023-08-21T14:30:36

trend of normalized read-noise & temperatures

