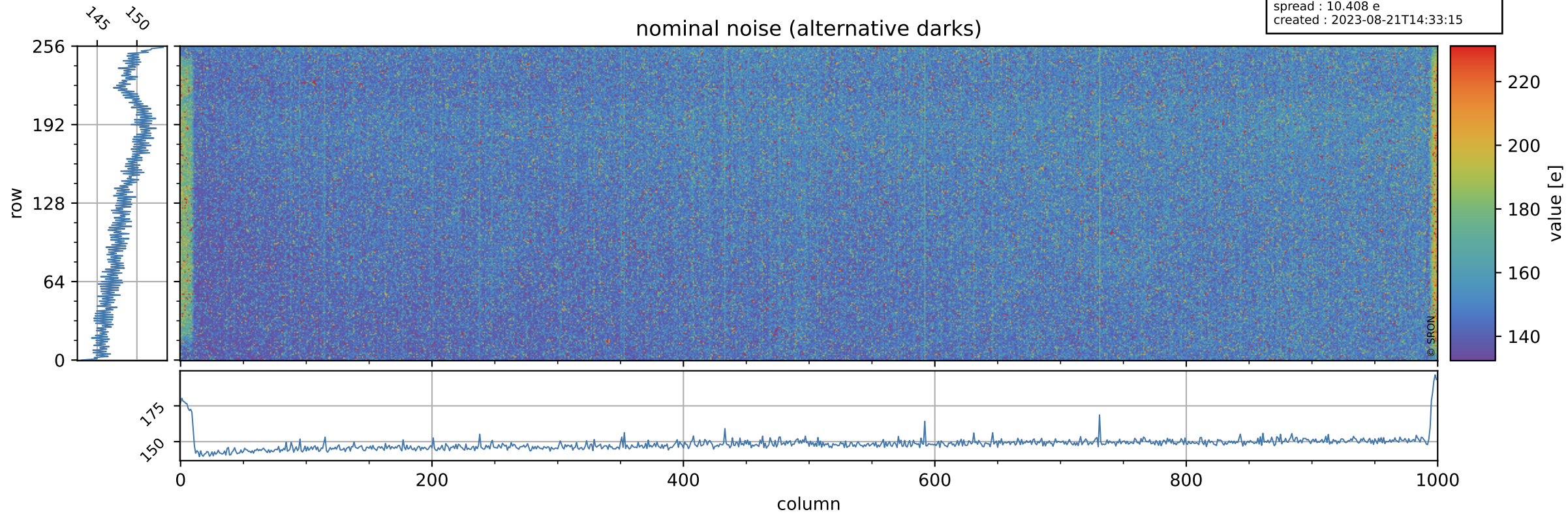


Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.408 e
created : 2023-08-21T14:33:15

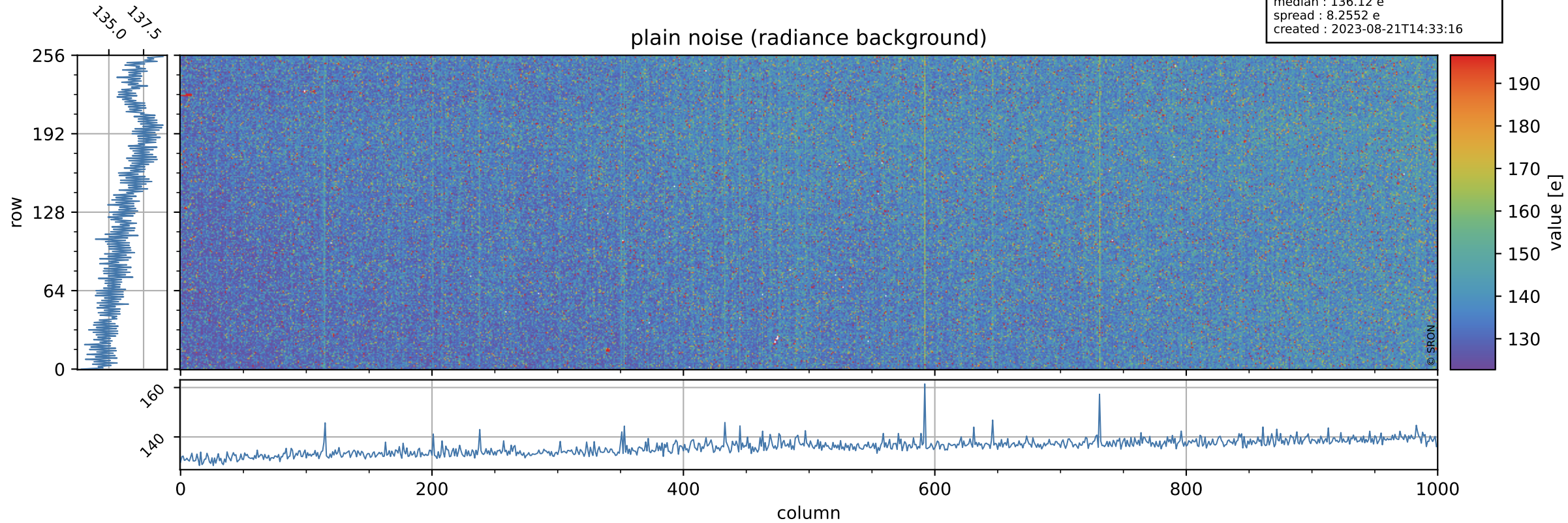
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.2552 e
created : 2023-08-21T14:33:16

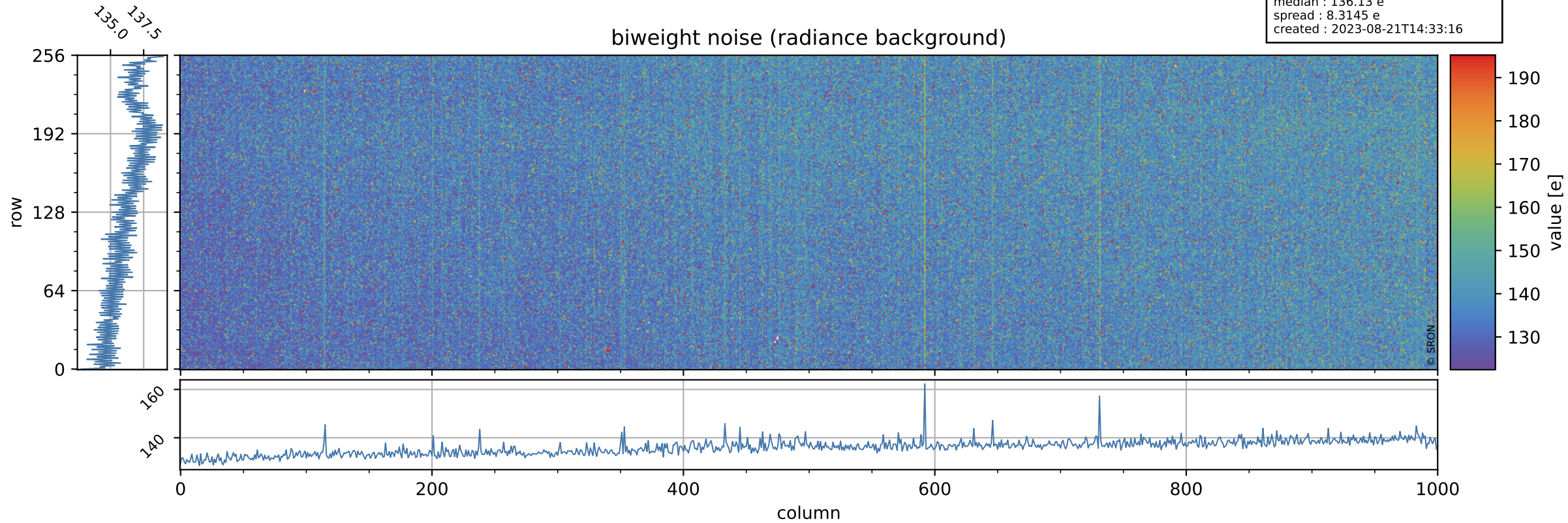
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.3145 e
created : 2023-08-21T14:33:16

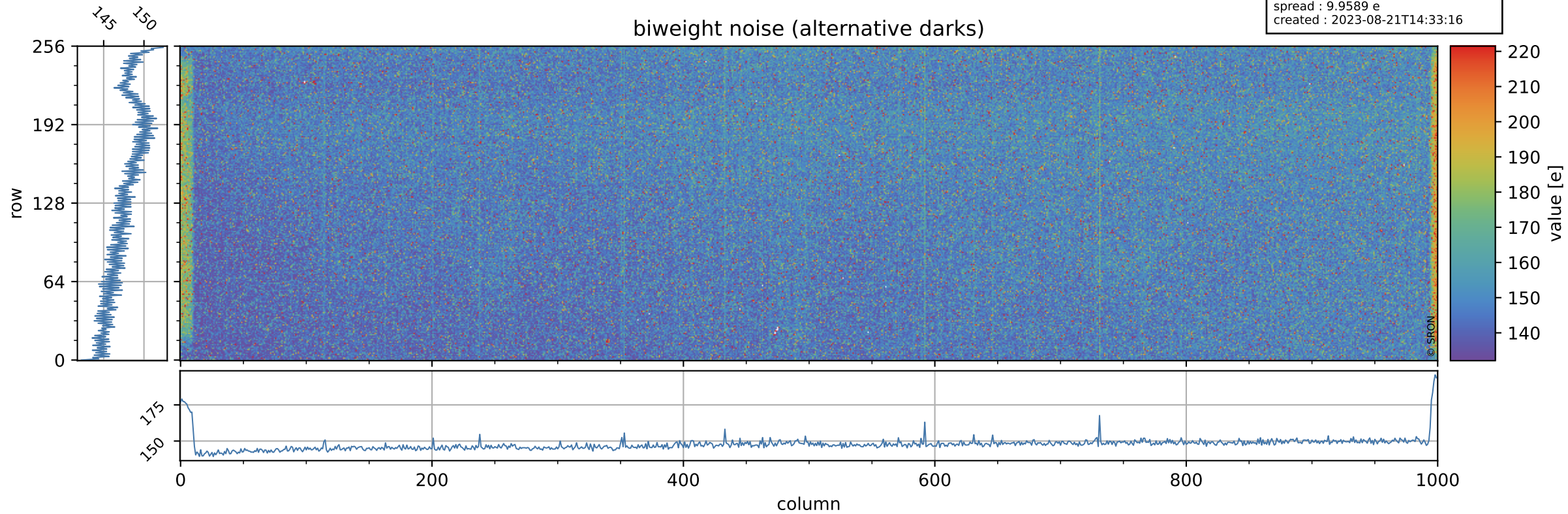
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9589 e
created : 2023-08-21T14:33:16

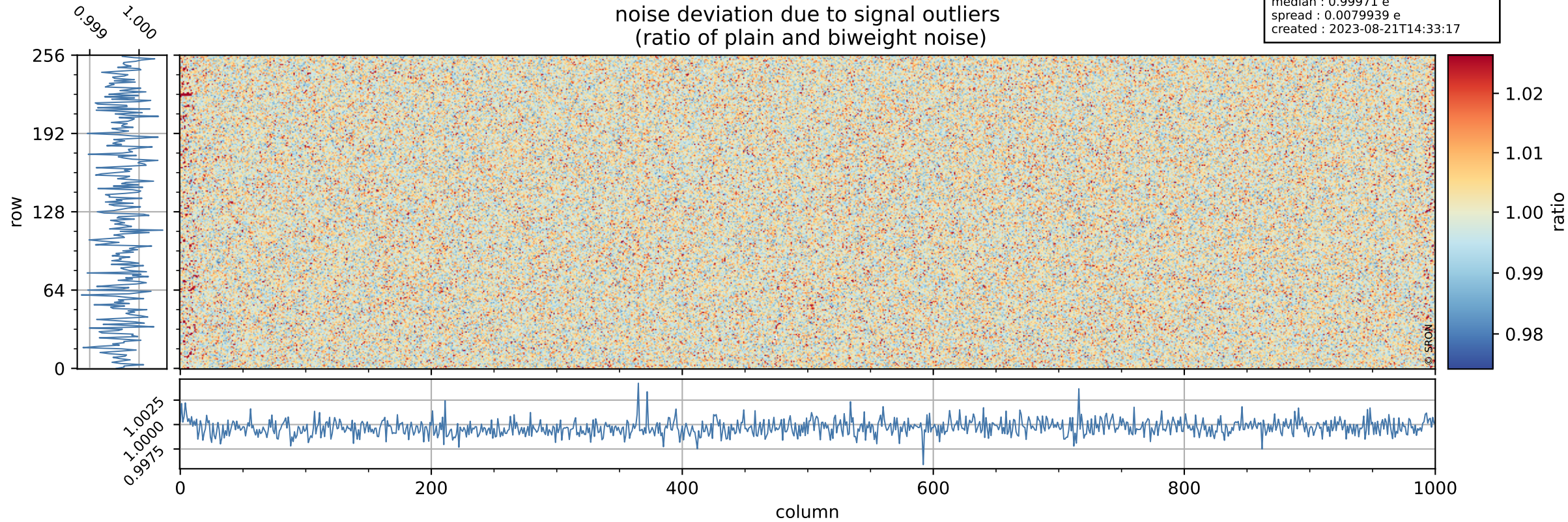
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

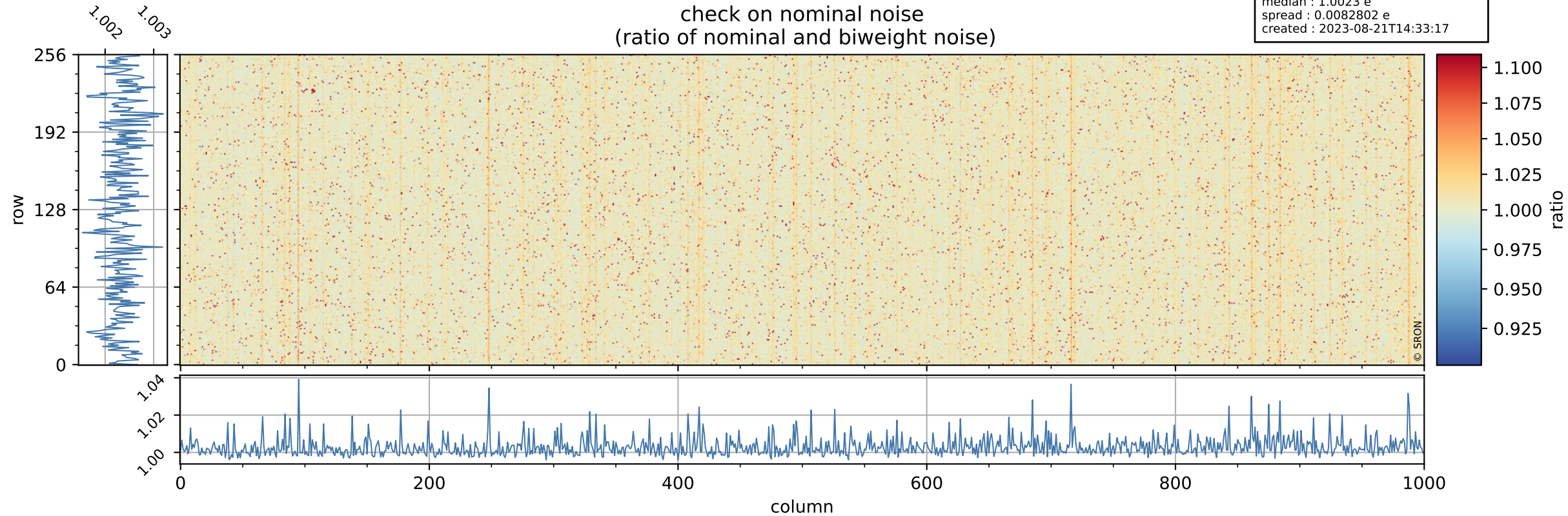
orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
median : 0.99971 e
spread : 0.0079939 e
created : 2023-08-21T14:33:17



Tropomi SWIR background noise (swir)

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

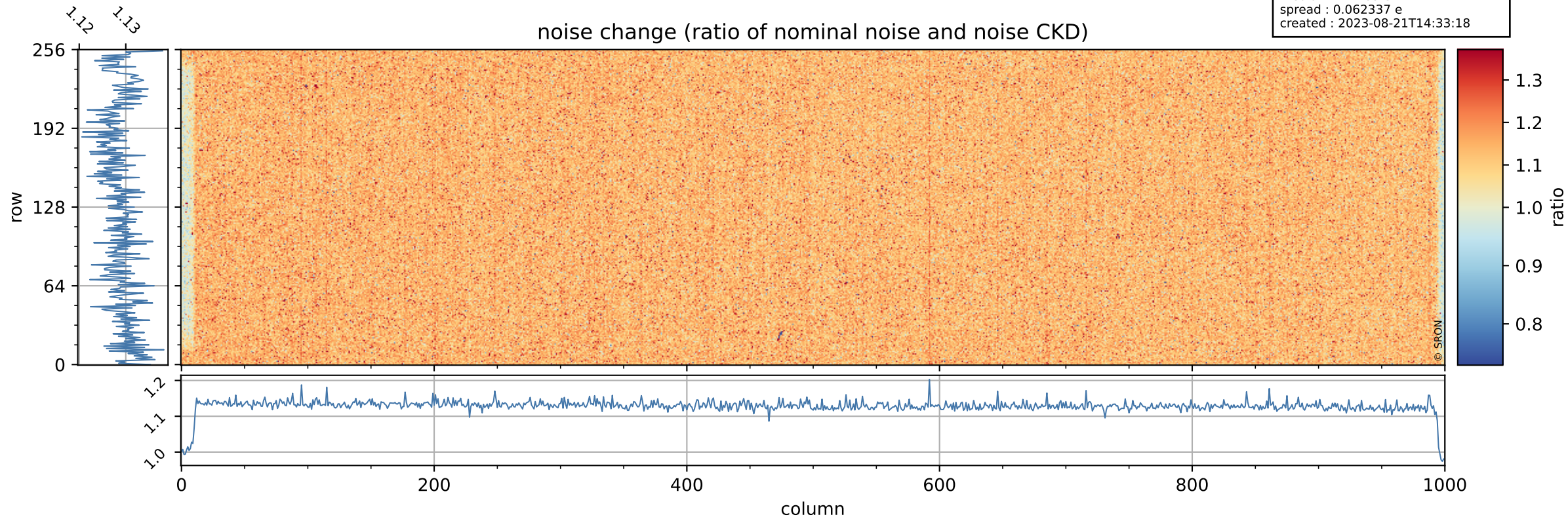
orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
median : 1.0023 e
spread : 0.0082802 e
created : 2023-08-21T14:33:17



Tropomi SWIR background noise (swir)

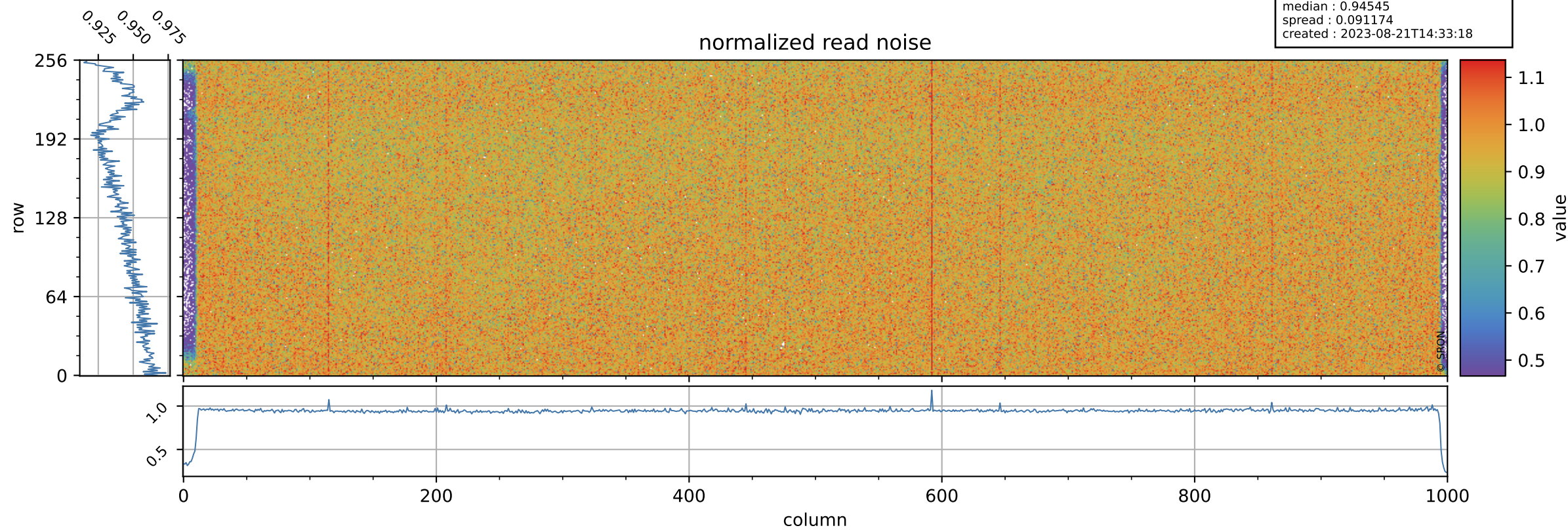
orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
median : 1.1285 e
spread : 0.062337 e
created : 2023-08-21T14:33:18

noise change (ratio of nominal noise and noise CKD)



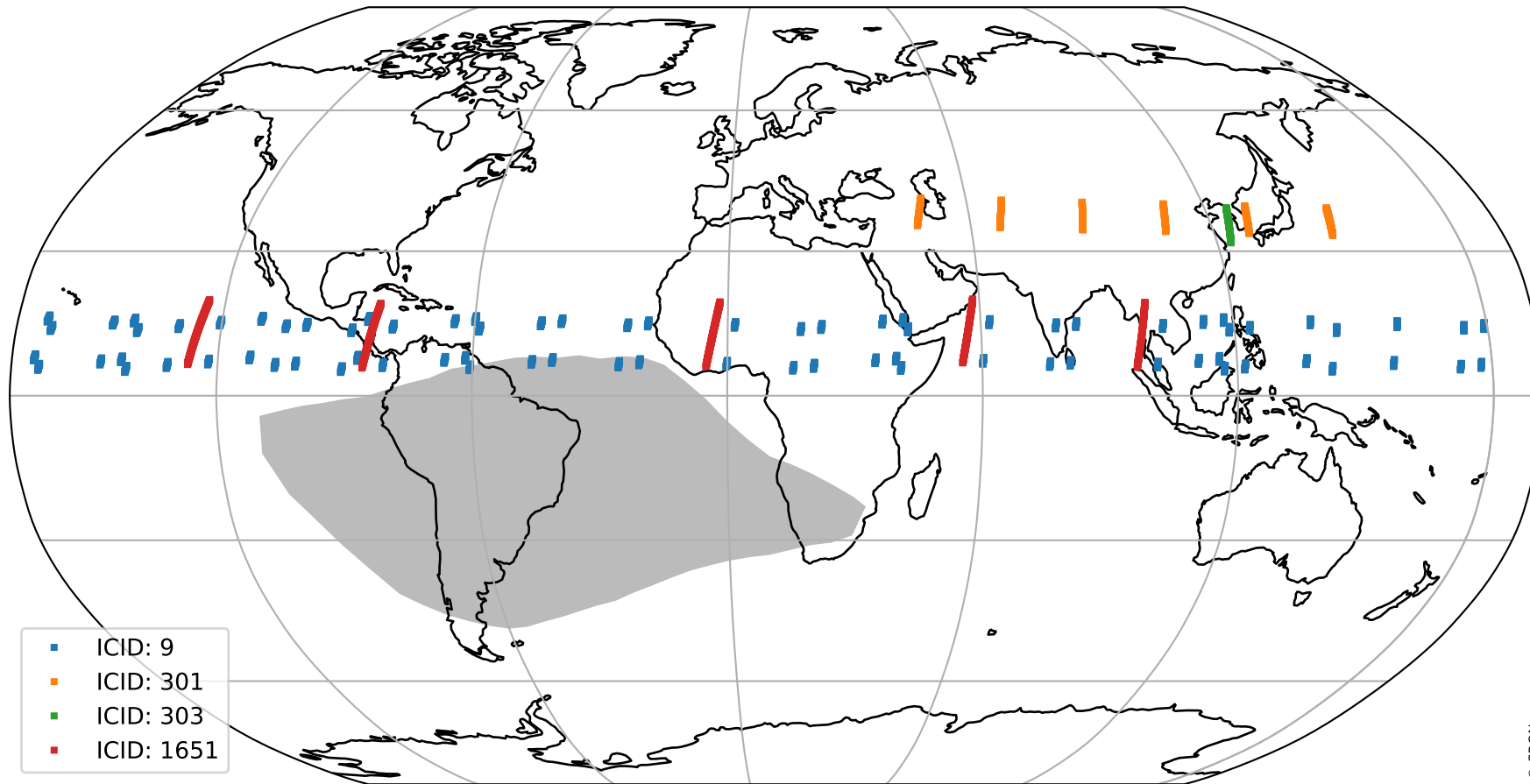
Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
median : 0.94545
spread : 0.091174
created : 2023-08-21T14:33:18



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

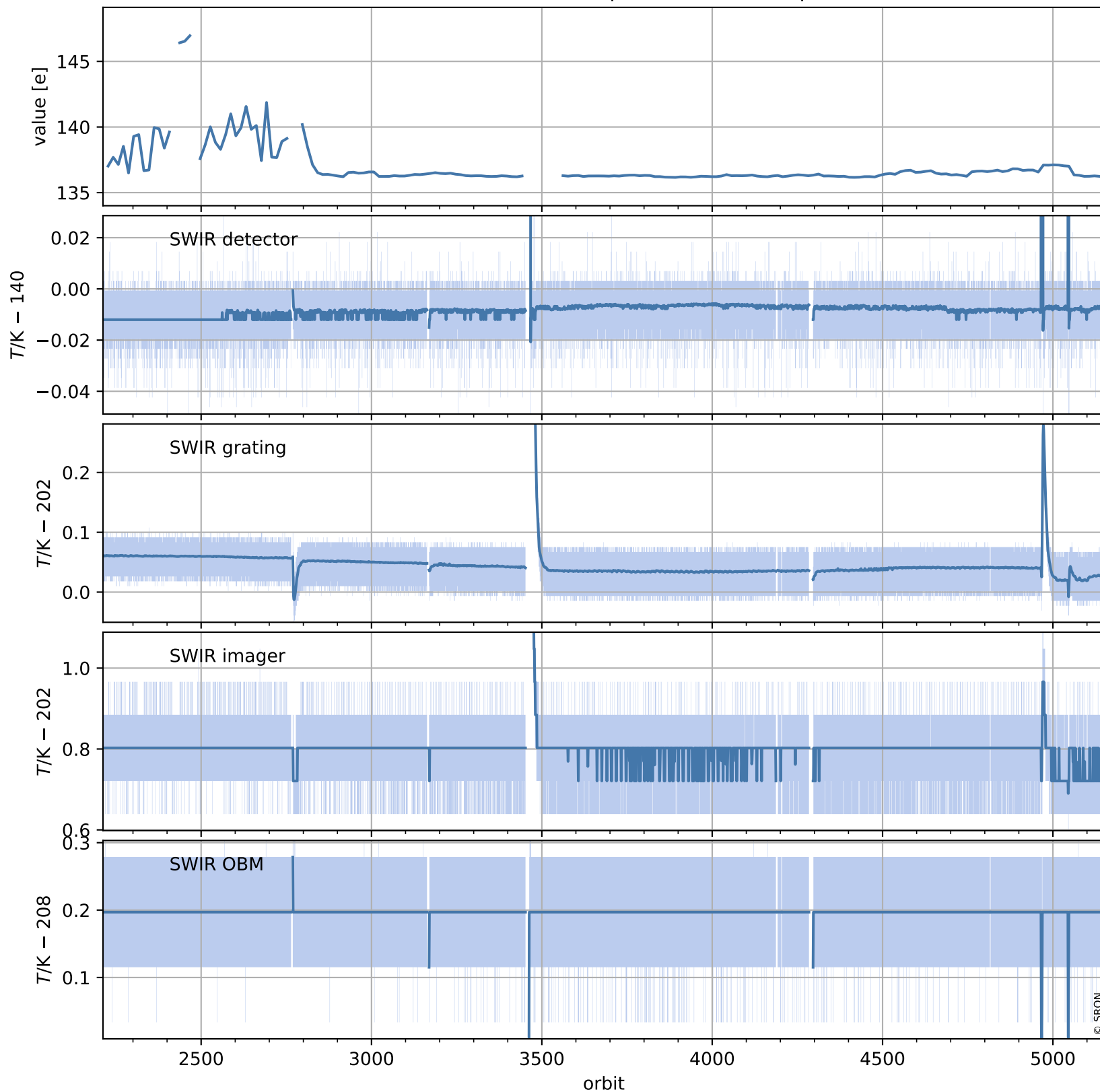
orbits : 12 in [5077, 5152]
coverage : 2018-10-05 / 2018-10-10
created : 2023-08-21T14:33:19



Tropomi SWIR background noise (swir)

orbits : [2212, 5152]
coverage : 2018-03-18 / 2018-10-10
created : 2023-08-21T14:33:19

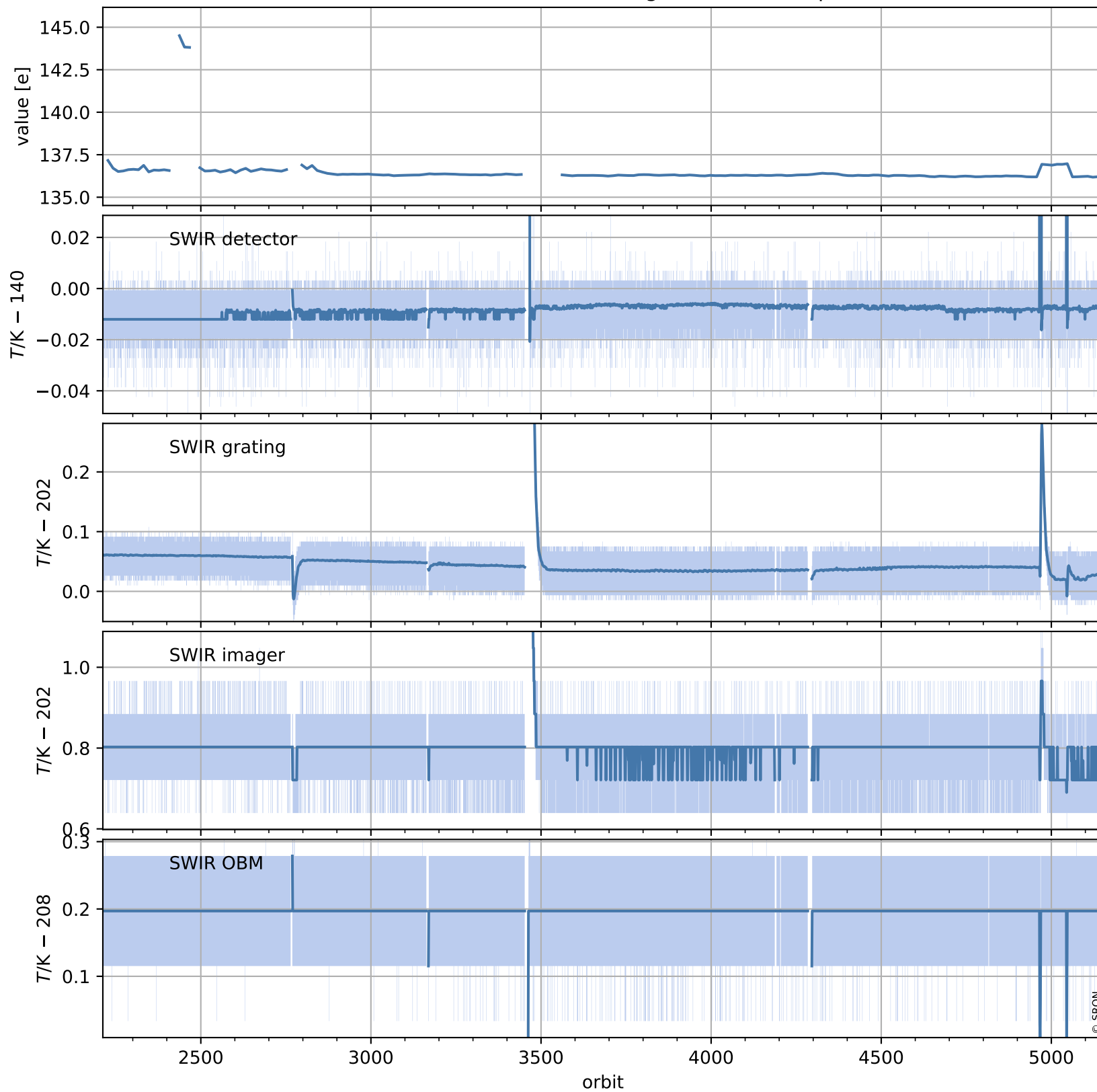
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5152]
coverage : 2018-03-18 / 2018-10-10
created : 2023-08-21T14:33:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5152]
coverage : 2018-03-18 / 2018-10-10
created : 2023-08-21T14:33:21

trend of normalized read-noise & temperatures

