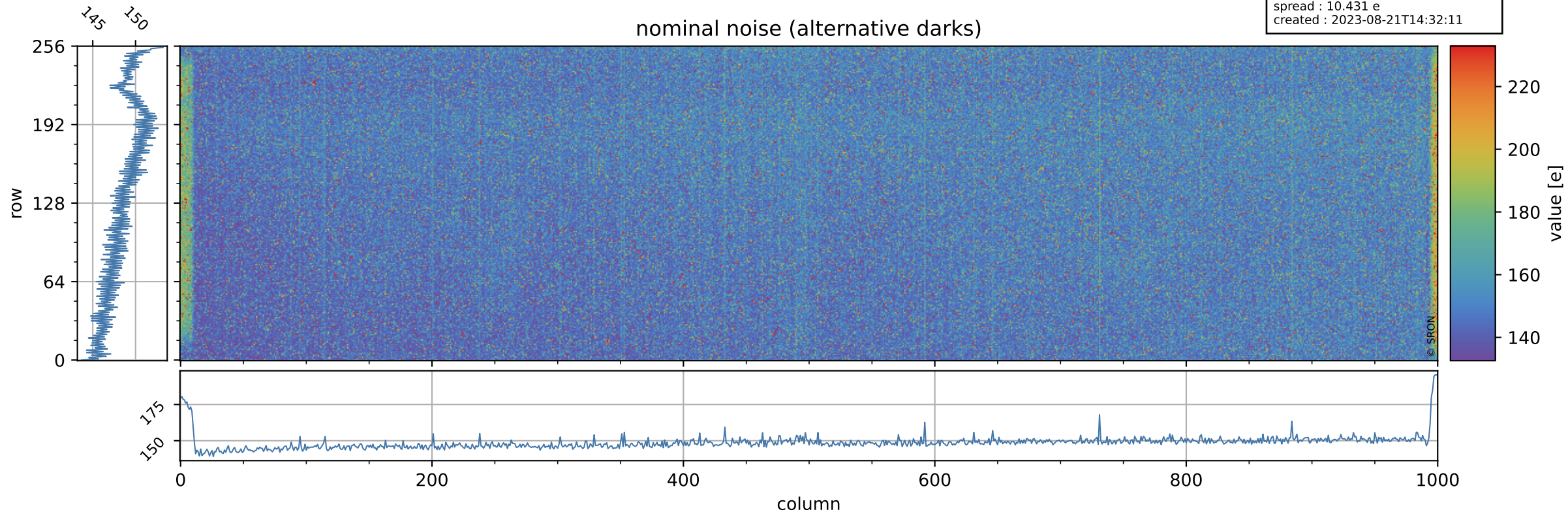


Tropomi SWIR background noise (swir)

orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.431 e
created : 2023-08-21T14:32:11

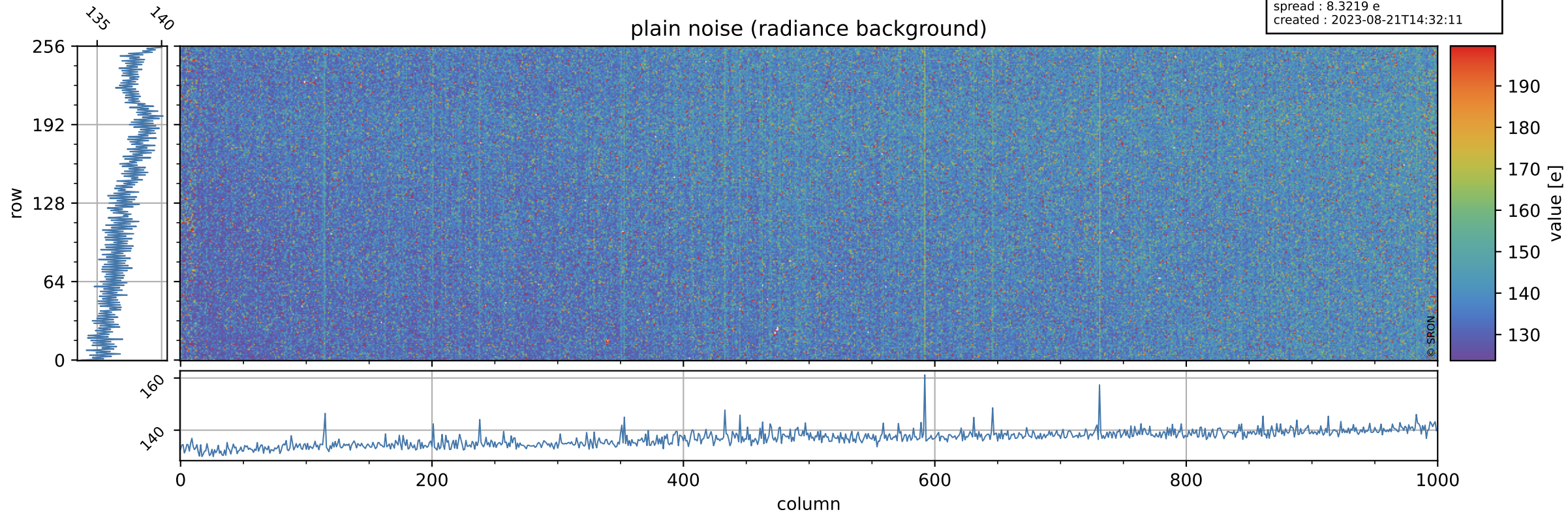
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
n_coad, t_exp : 2, 0.5383
median : 137.08 e
spread : 8.3219 e
created : 2023-08-21T14:32:11

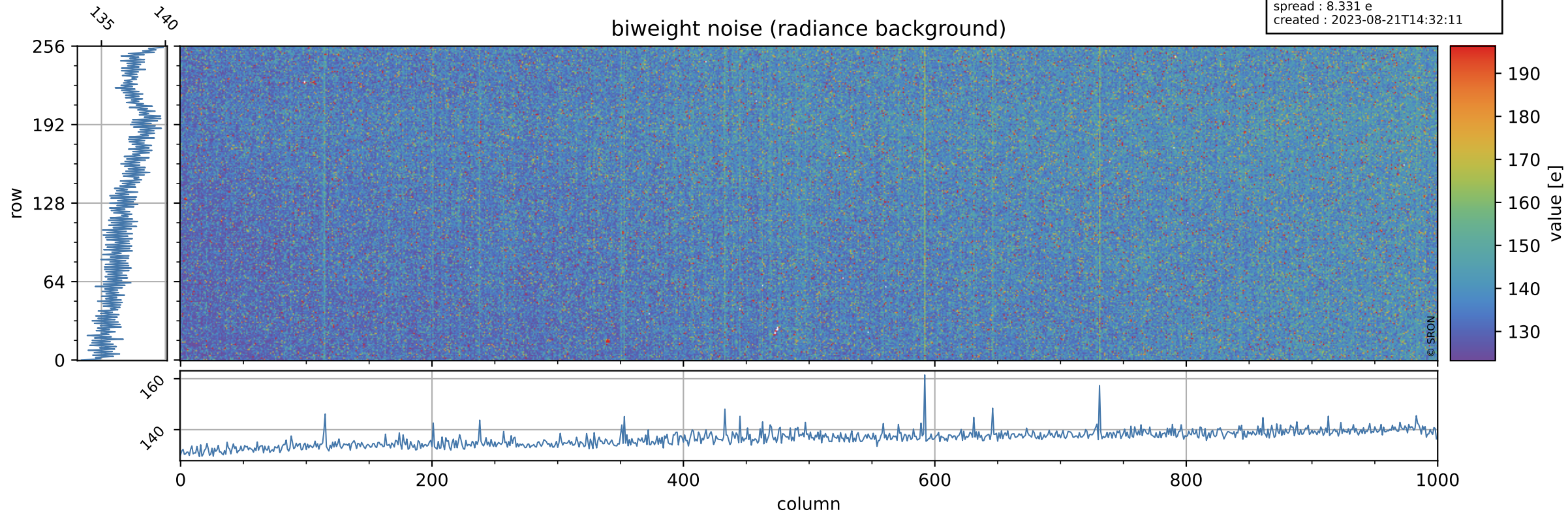
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
n_coad, t_exp : 2, 0.5383
median : 136.81 e
spread : 8.331 e
created : 2023-08-21T14:32:11

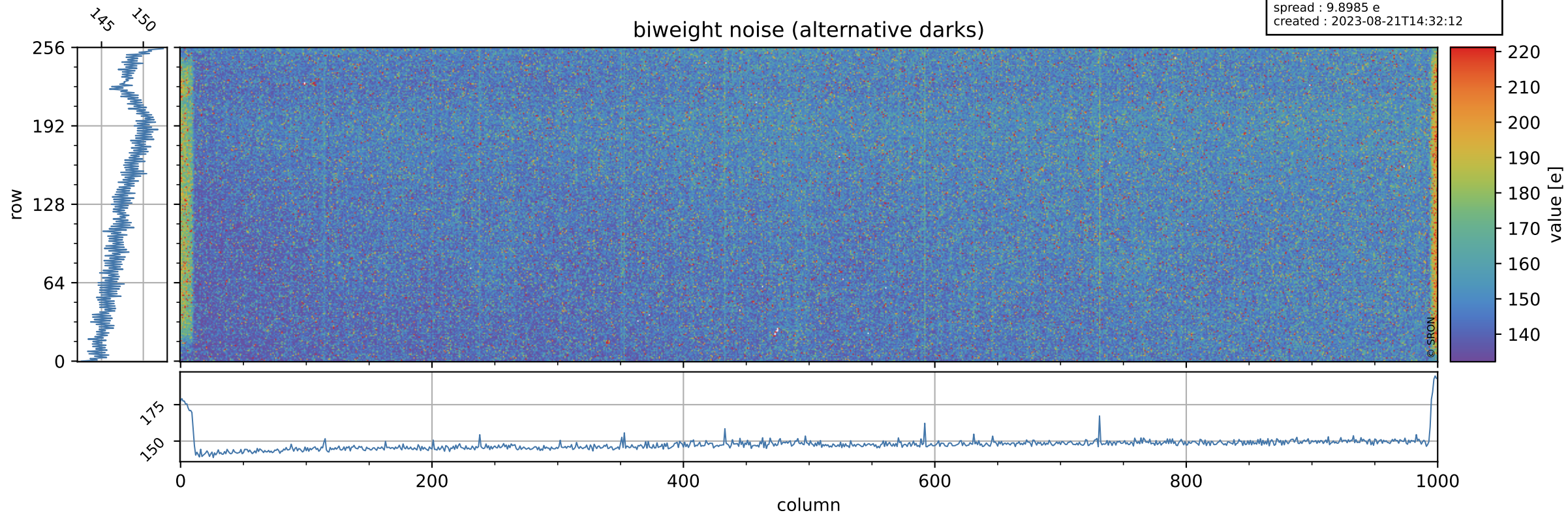
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.8985 e
created : 2023-08-21T14:32:12

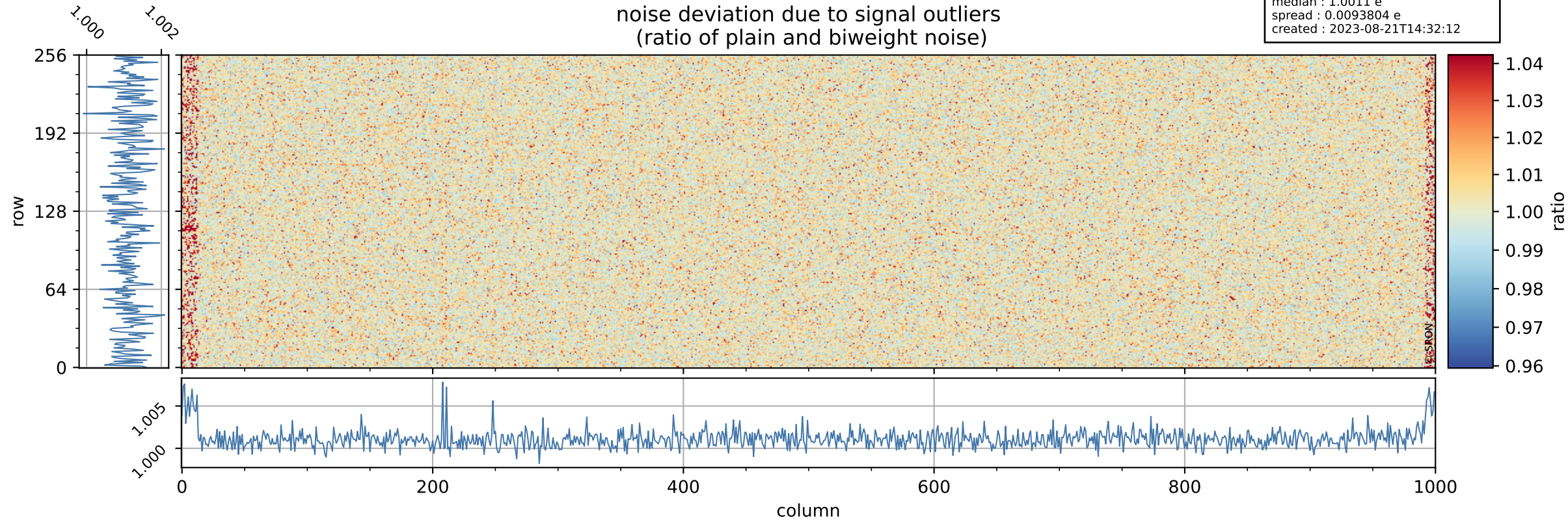
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

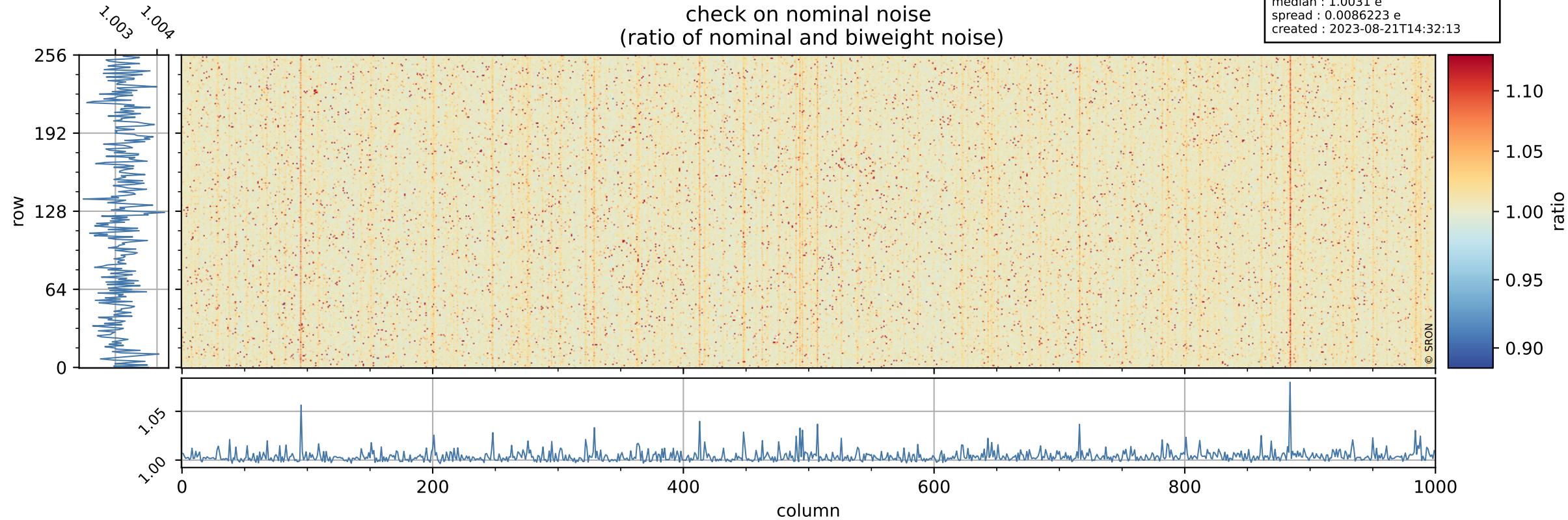
orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
median : 1.0011 e
spread : 0.0093804 e
created : 2023-08-21T14:32:12



Tropomi SWIR background noise (swir)

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

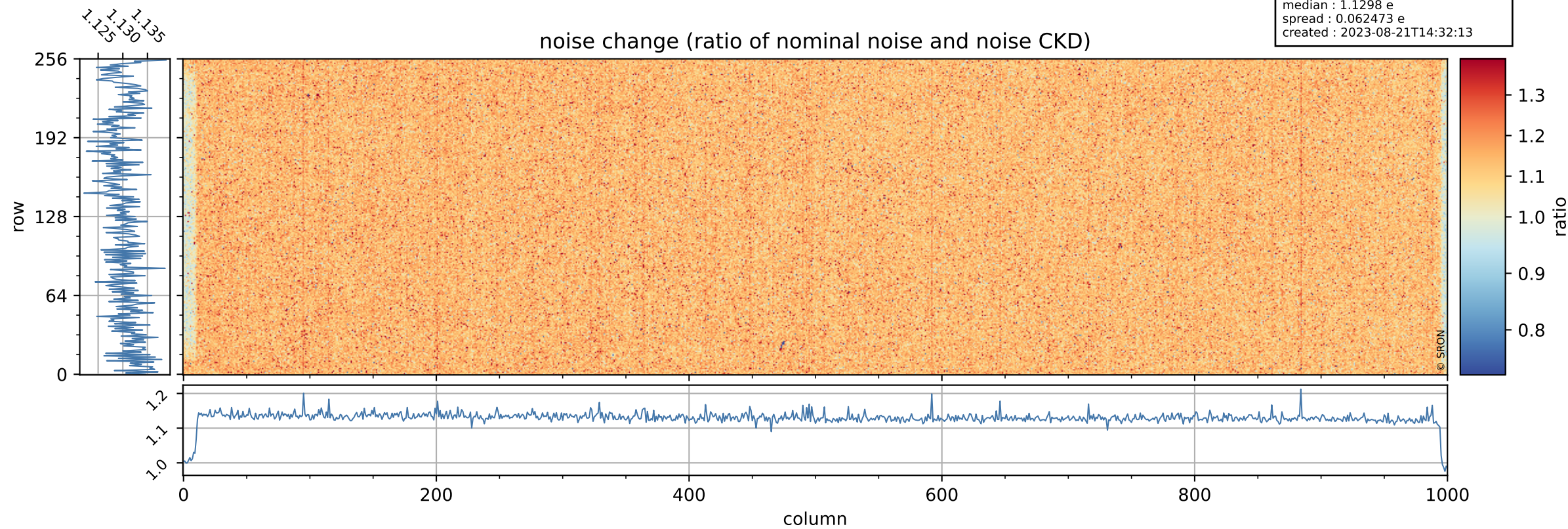
orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
median : 1.0031 e
spread : 0.0086223 e
created : 2023-08-21T14:32:13



Tropomi SWIR background noise (swir)

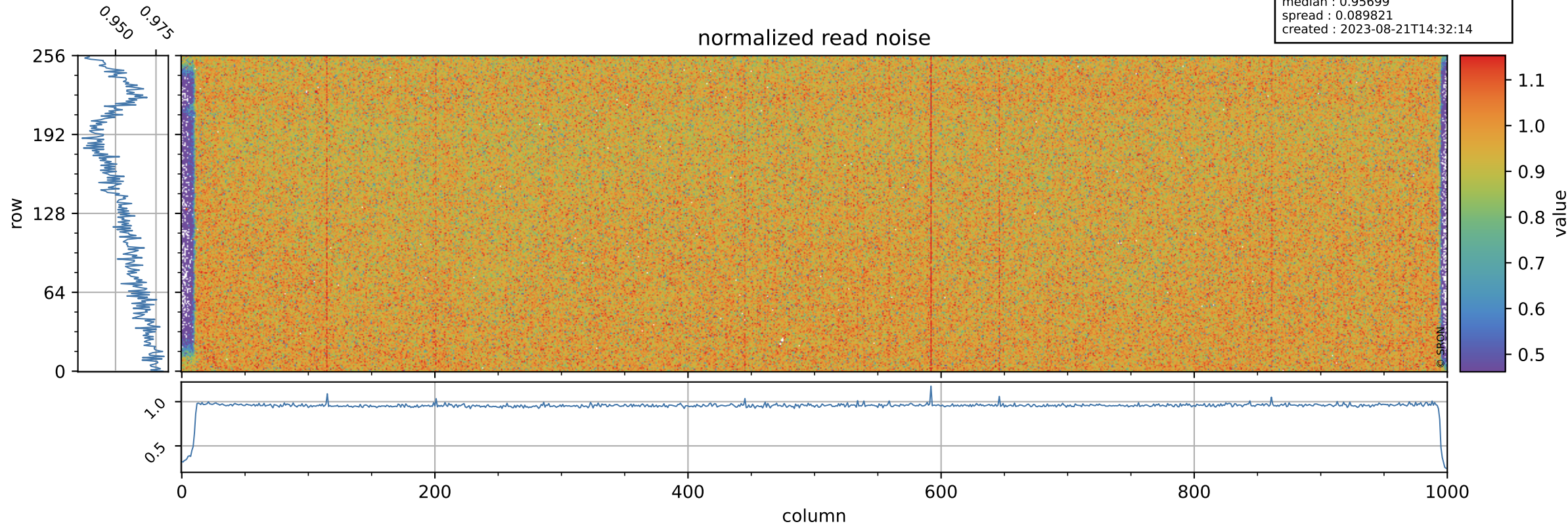
orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
median : 1.1298 e
spread : 0.062473 e
created : 2023-08-21T14:32:13

noise change (ratio of nominal noise and noise CKD)



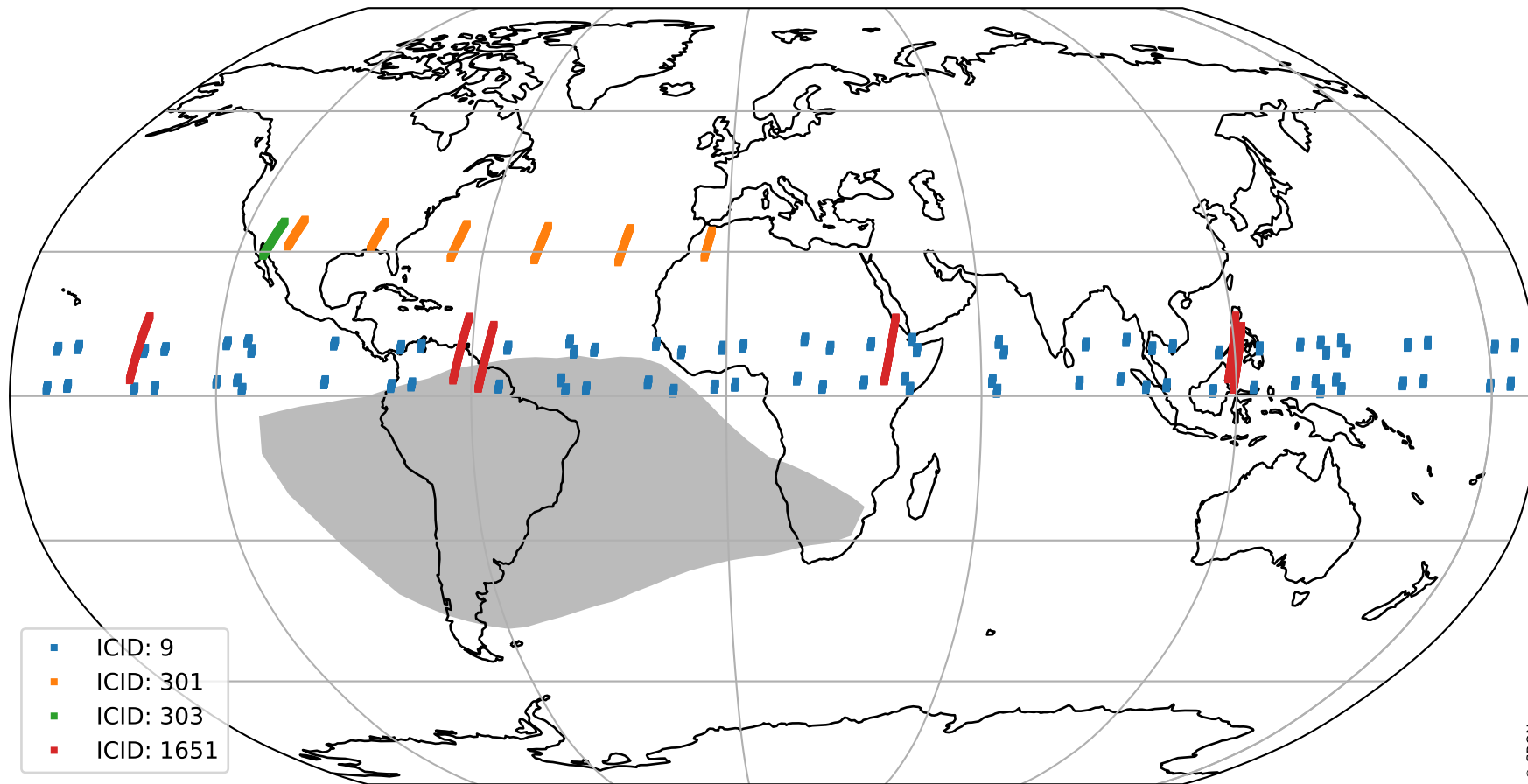
Tropomi SWIR background noise (swir)

orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
median : 0.95699
spread : 0.089821
created : 2023-08-21T14:32:14



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

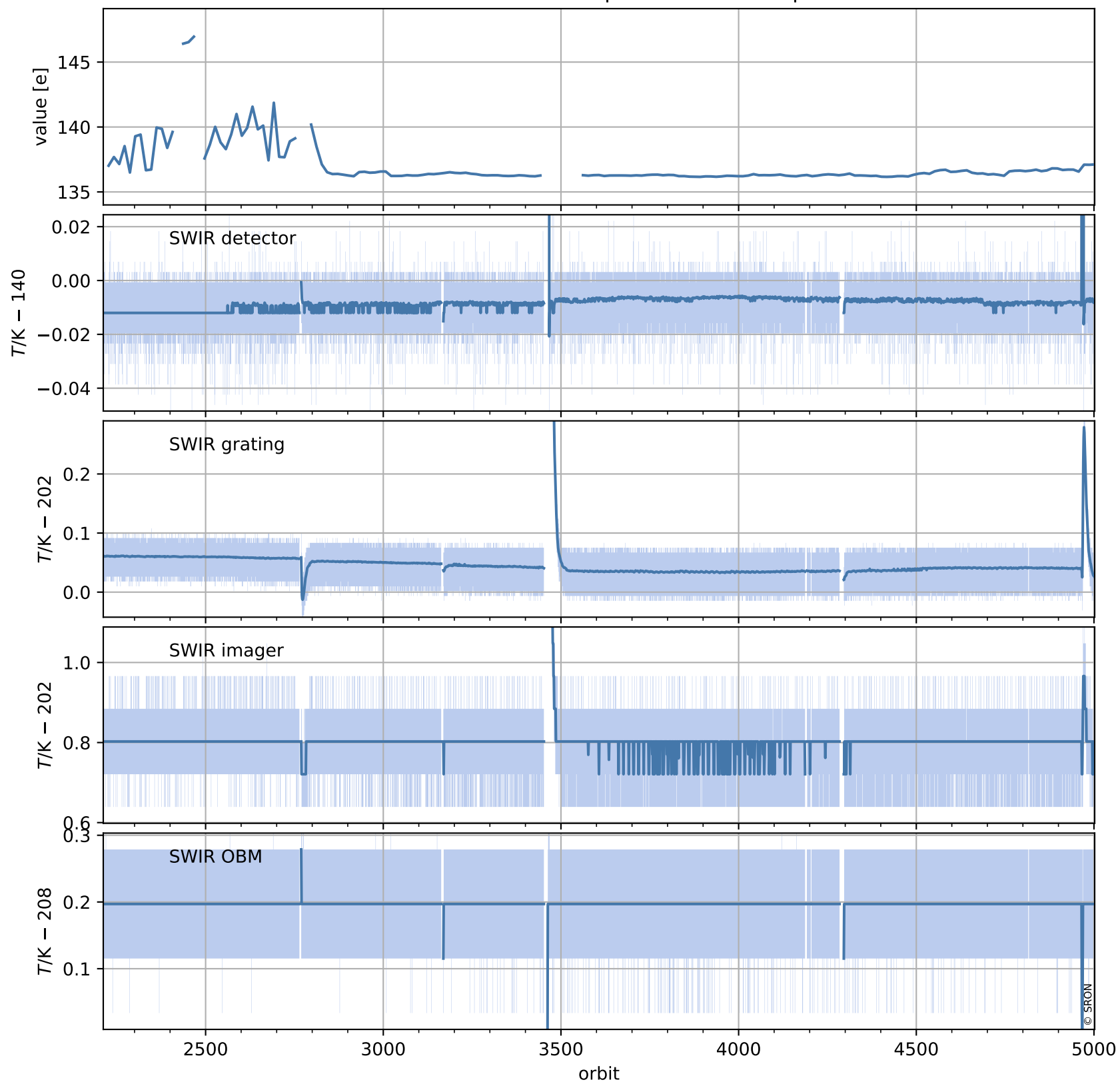
orbits : 13 in [4912, 5002]
coverage : 2018-09-25 / 2018-09-30
created : 2023-08-21T14:32:14



Tropomi SWIR background noise (swir)

orbits : [2212, 5002]
coverage : 2018-03-18 / 2018-09-30
created : 2023-08-21T14:32:14

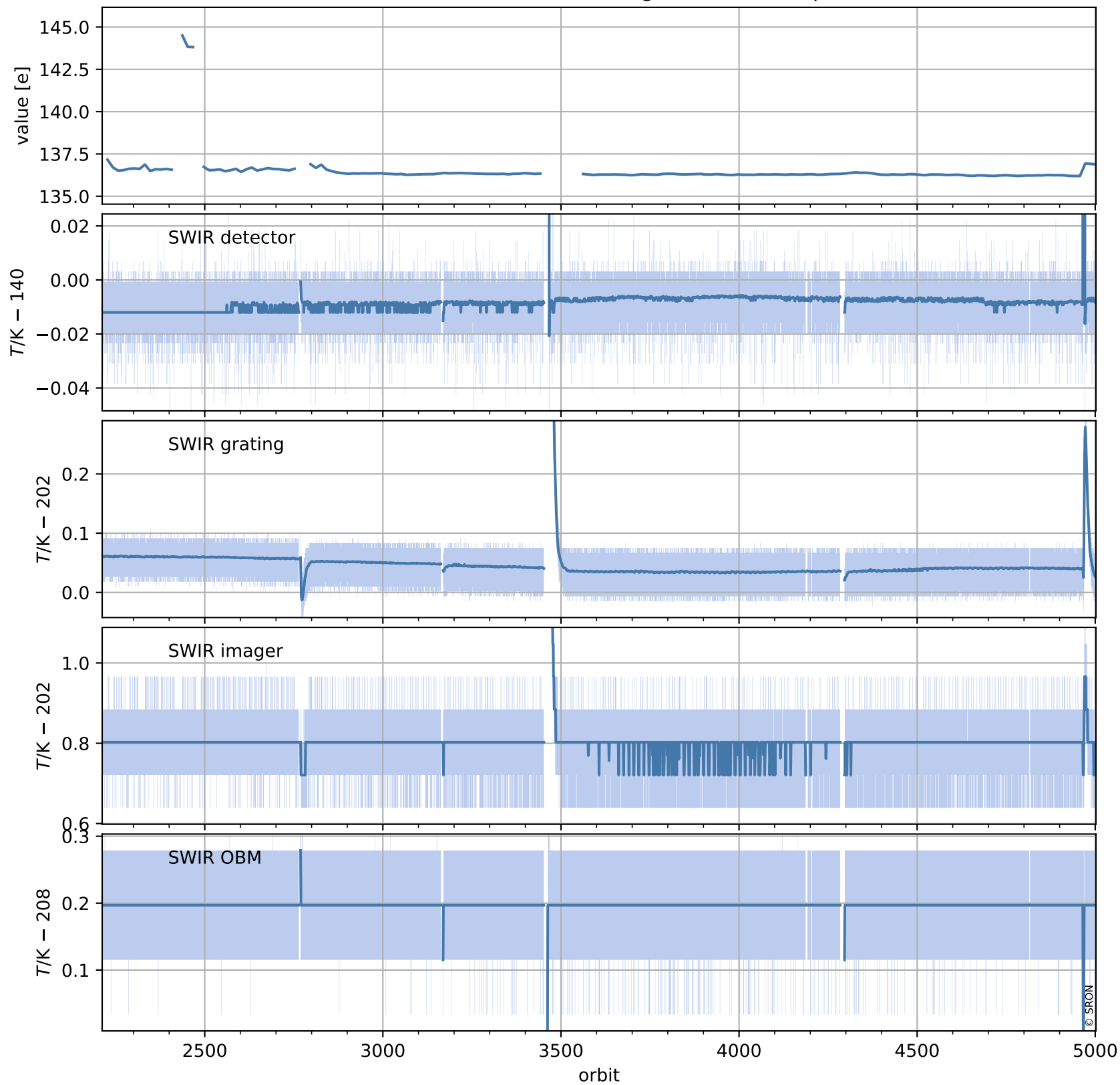
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5002]
coverage : 2018-03-18 / 2018-09-30
created : 2023-08-21T14:32:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5002]
coverage : 2018-03-18 / 2018-09-30
created : 2023-08-21T14:32:16

trend of normalized read-noise & temperatures

