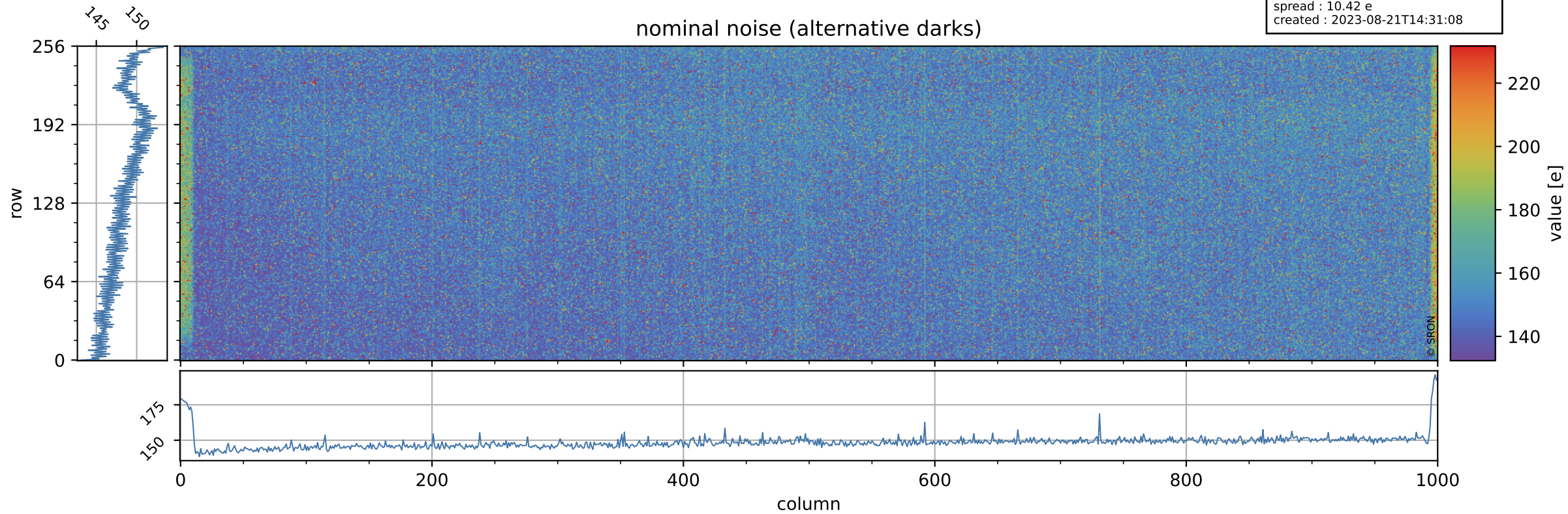


Tropomi SWIR background noise (swir)

orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.42 e
created : 2023-08-21T14:31:08

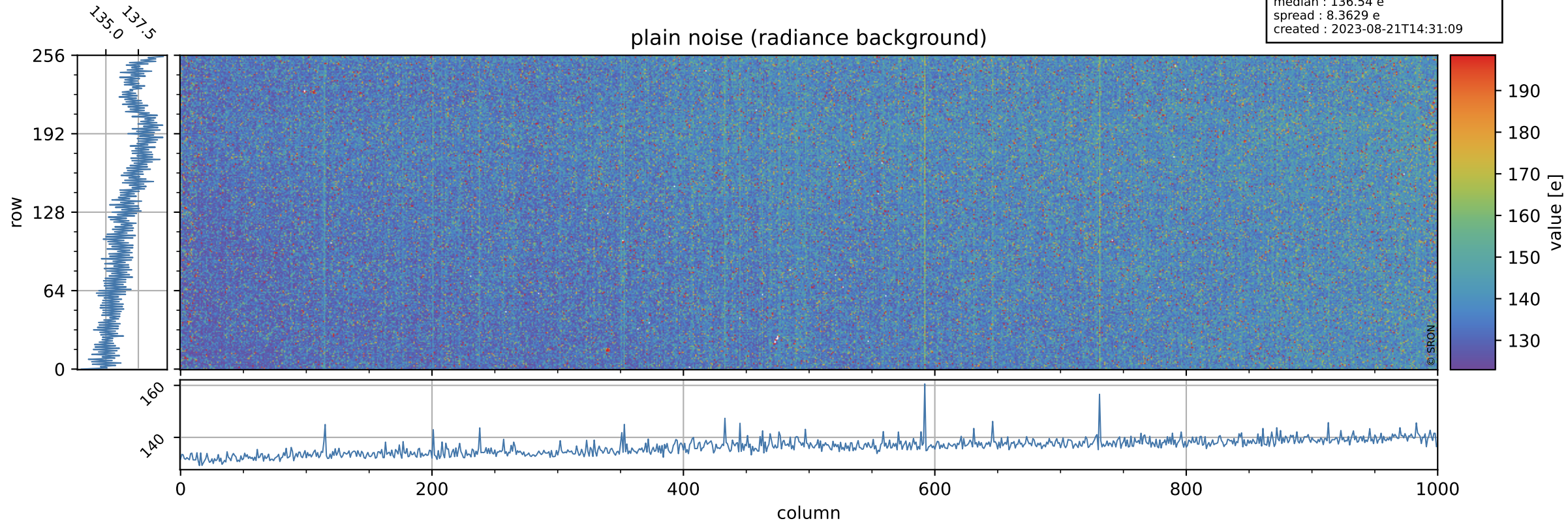
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
n_coad, t_exp : 2, 0.5383
median : 136.54 e
spread : 8.3629 e
created : 2023-08-21T14:31:09

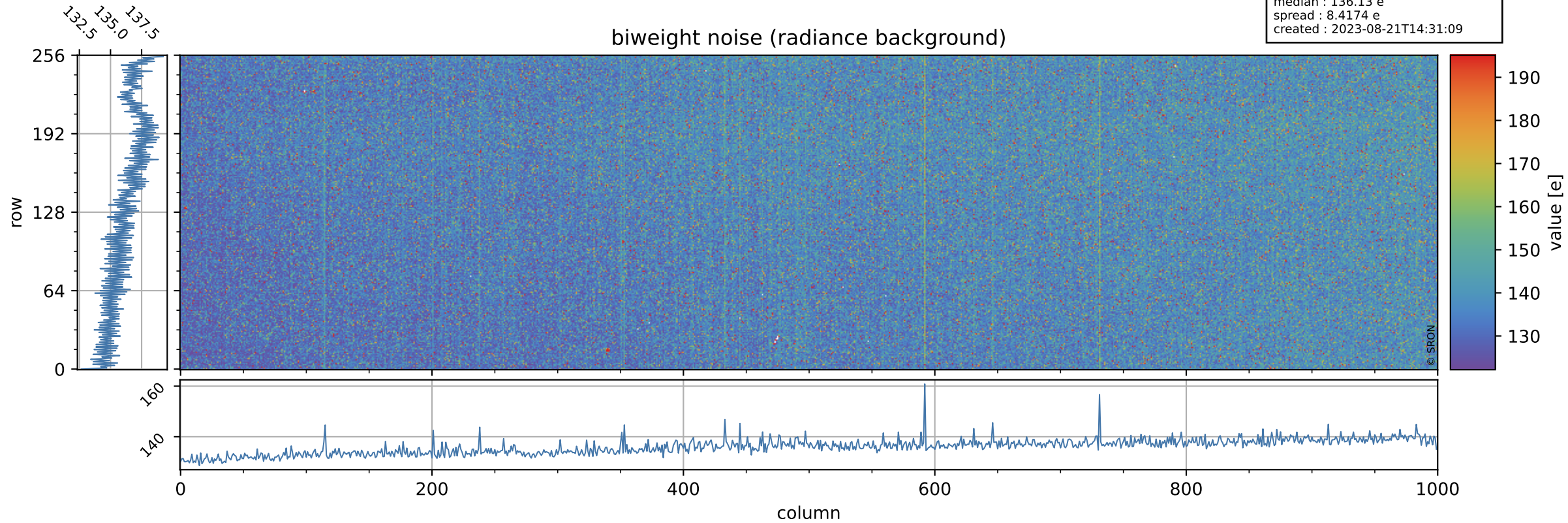
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4174 e
created : 2023-08-21T14:31:09

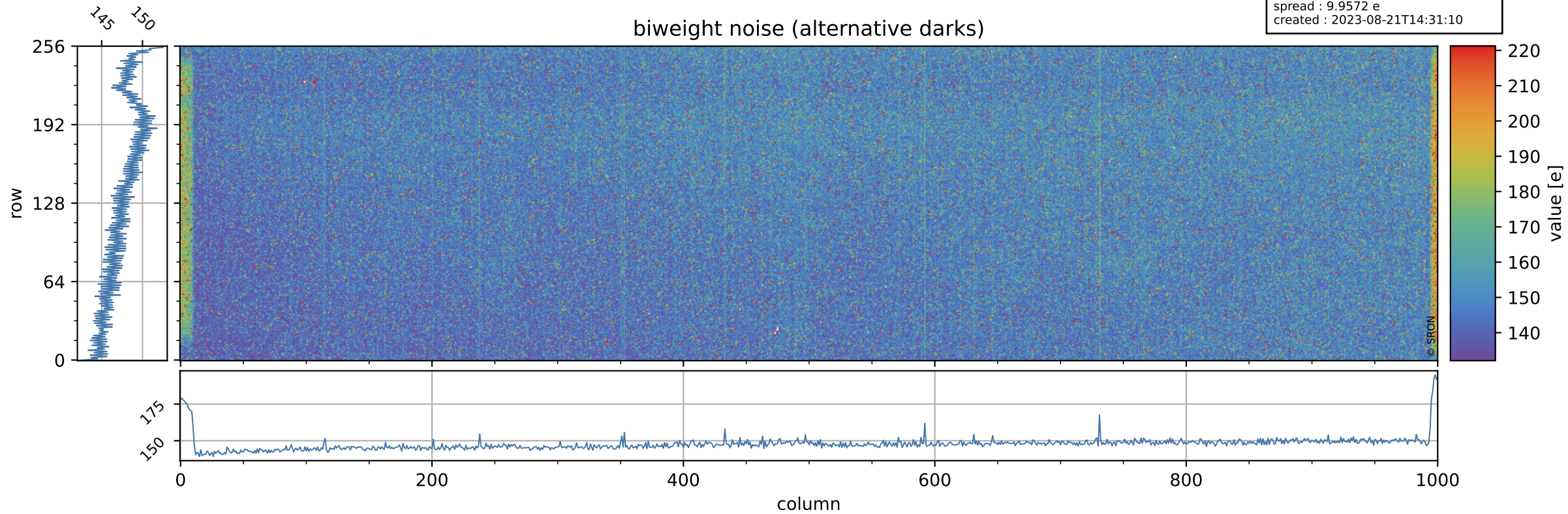
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9572 e
created : 2023-08-21T14:31:10

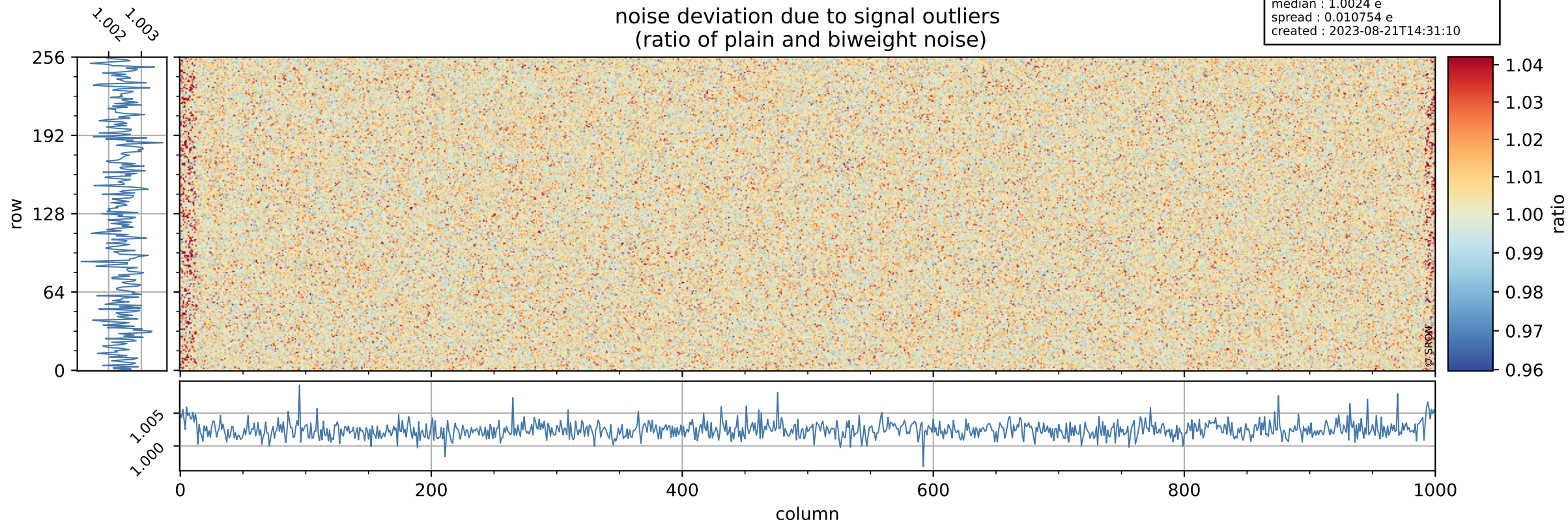
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

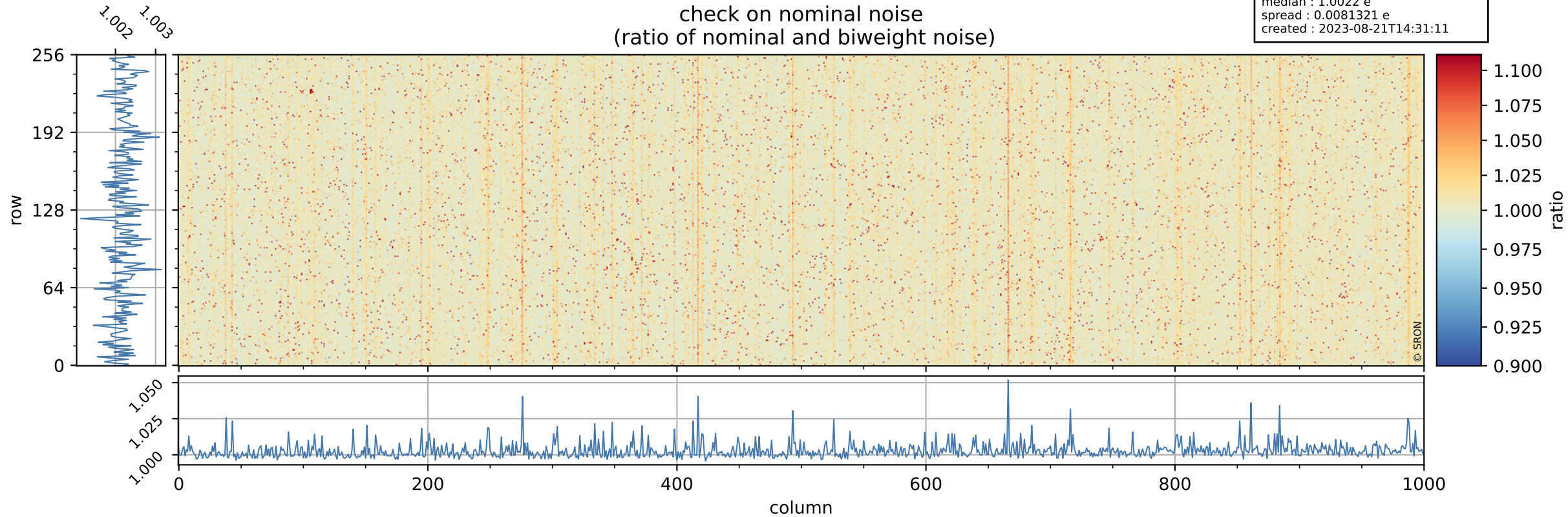
orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
median : 1.0024 e
spread : 0.010754 e
created : 2023-08-21T14:31:10



Tropomi SWIR background noise (swir)

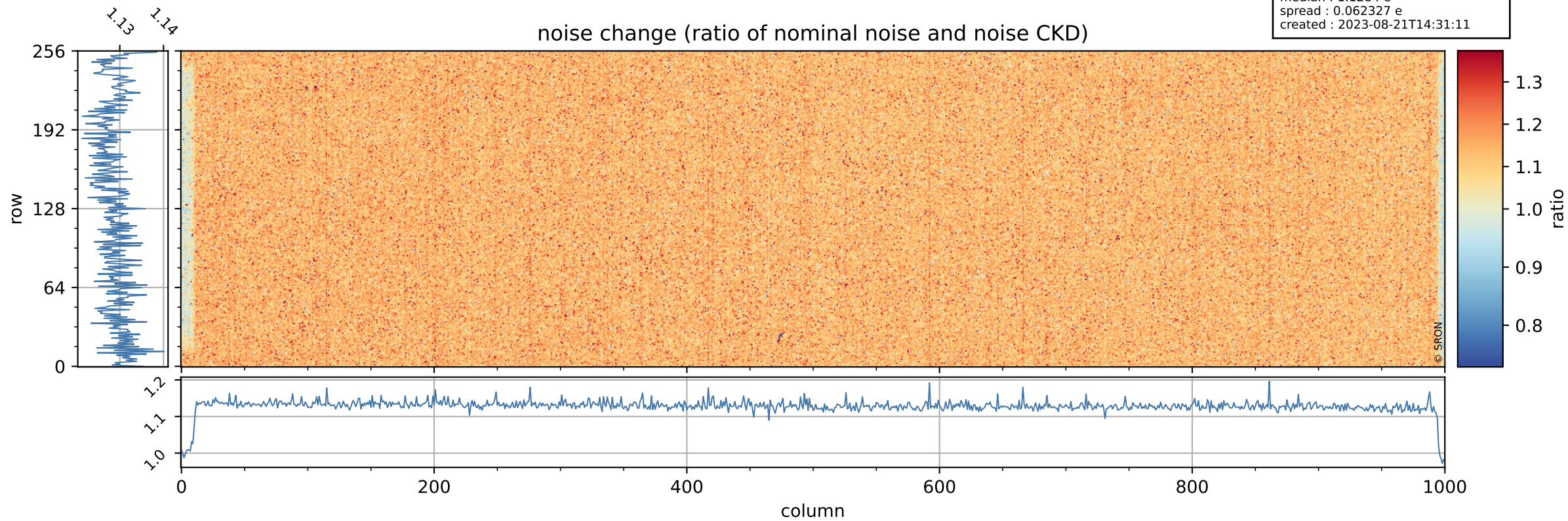
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
median : 1.0022 e
spread : 0.0081321 e
created : 2023-08-21T14:31:11



Tropomi SWIR background noise (swir)

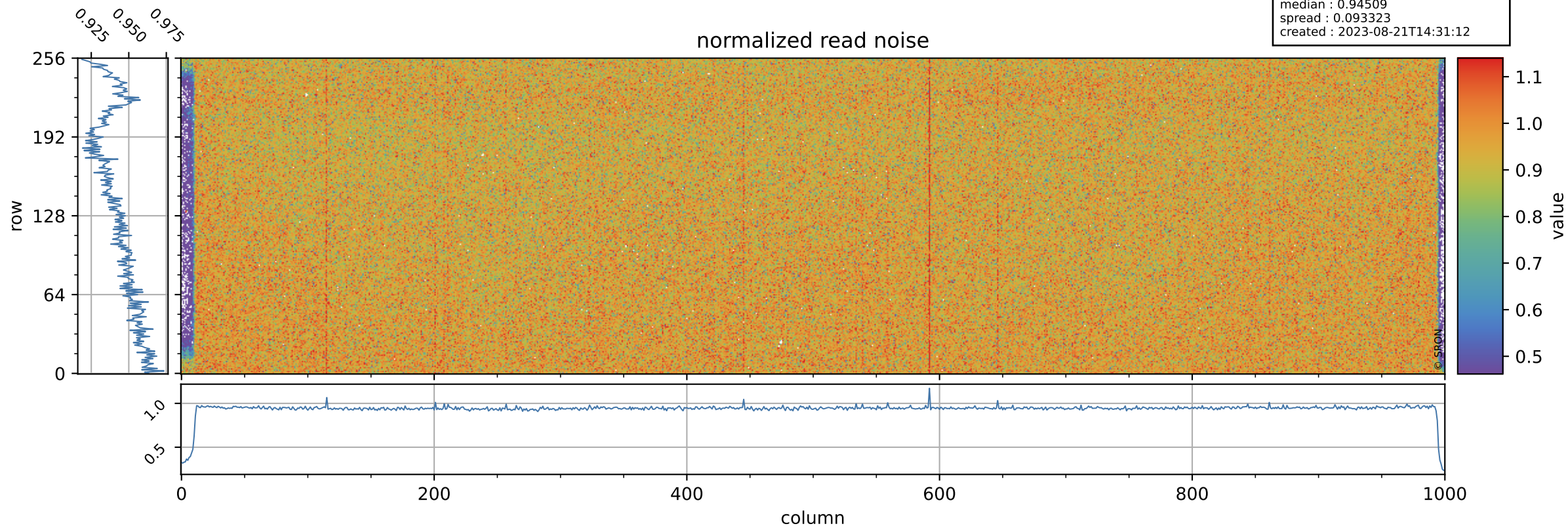
orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
median : 1.1284 e
spread : 0.062327 e
created : 2023-08-21T14:31:11



Tropomi SWIR background noise (swir)

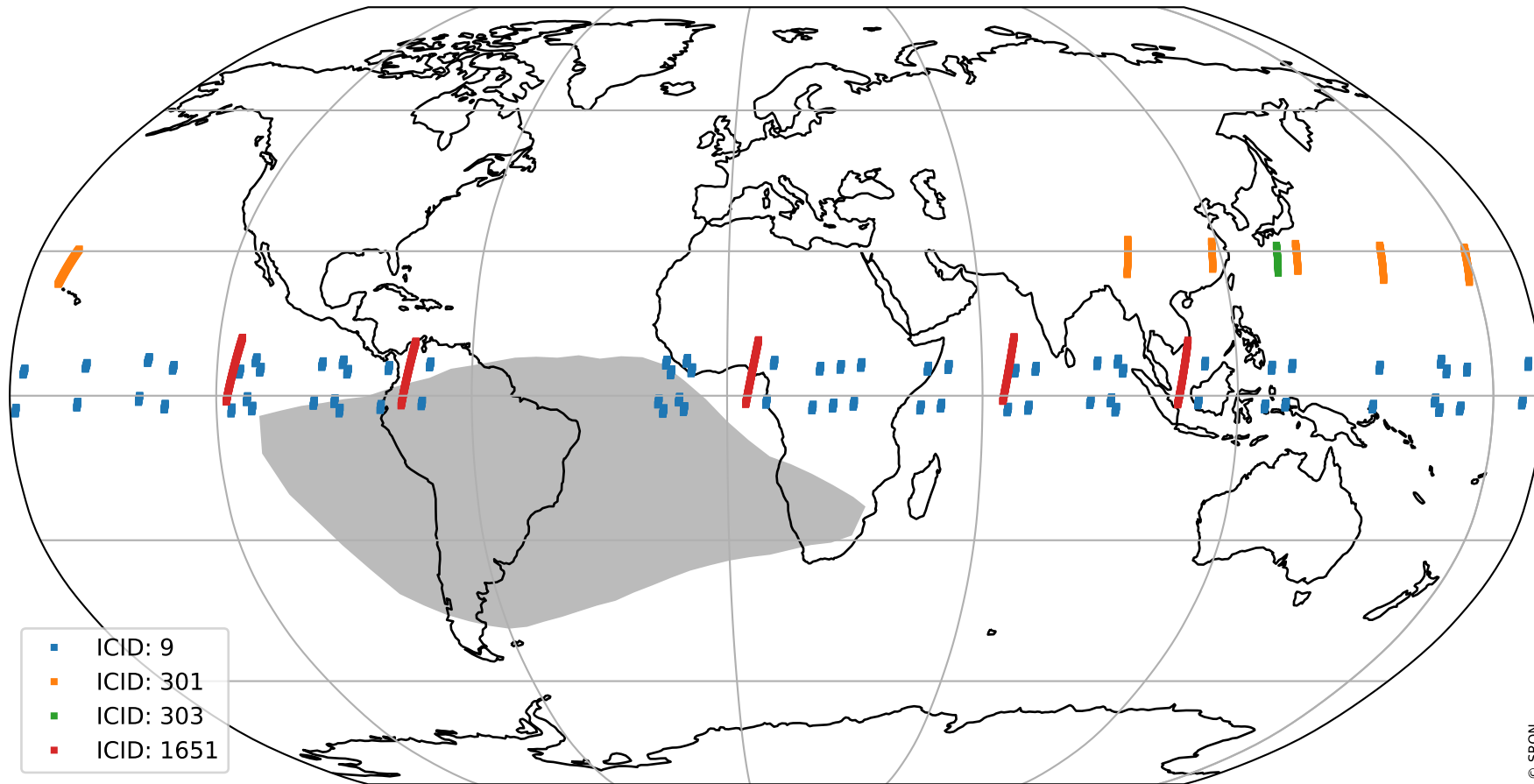
orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
median : 0.94509
spread : 0.093323
created : 2023-08-21T14:31:12

normalized read noise



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

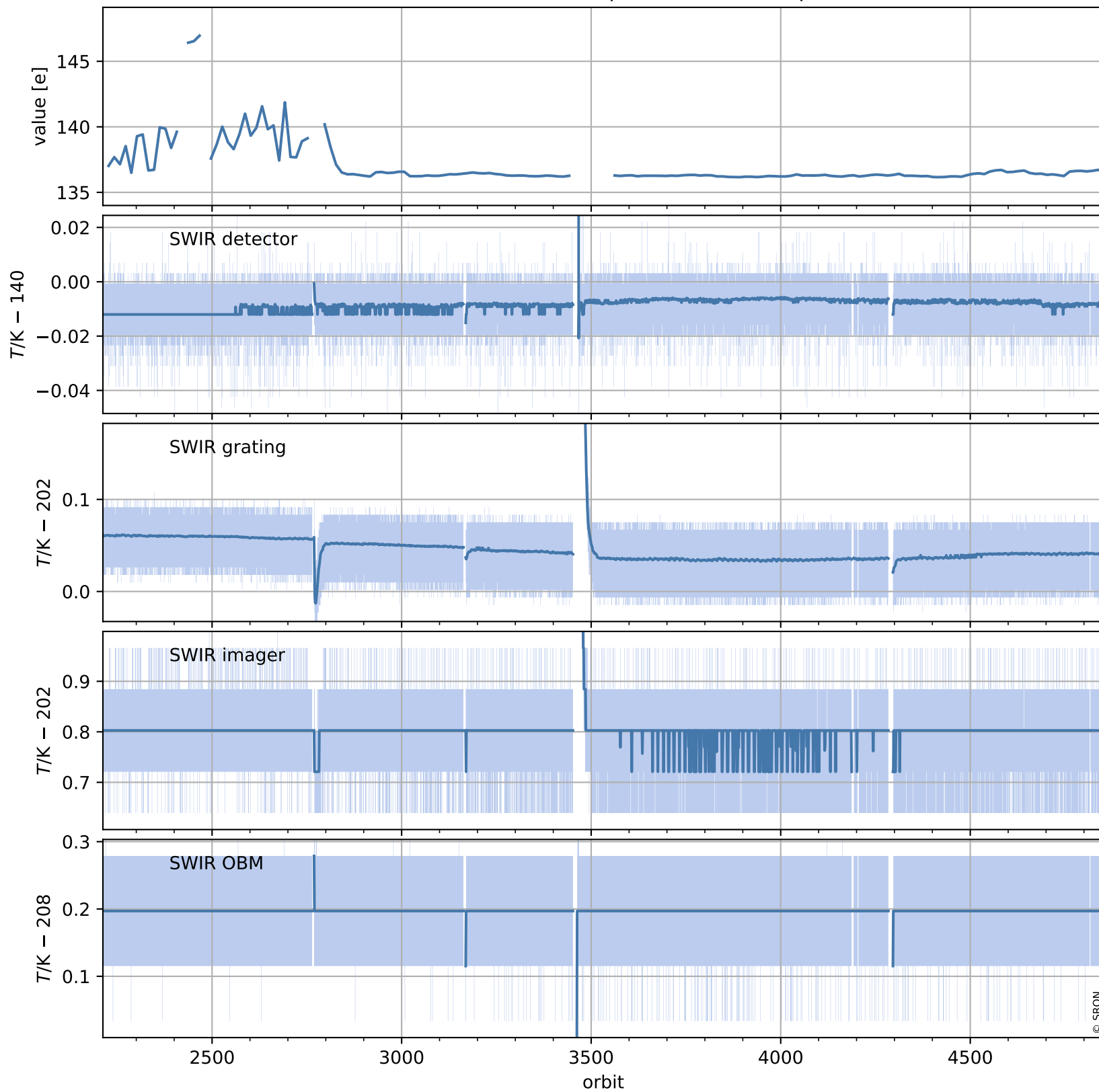
orbits : 12 in [4762, 4852]
coverage : 2018-09-14 / 2018-09-19
created : 2023-08-21T14:31:12



Tropomi SWIR background noise (swir)

orbits : [2212, 4852]
coverage : 2018-03-18 / 2018-09-19
created : 2023-08-21T14:31:12

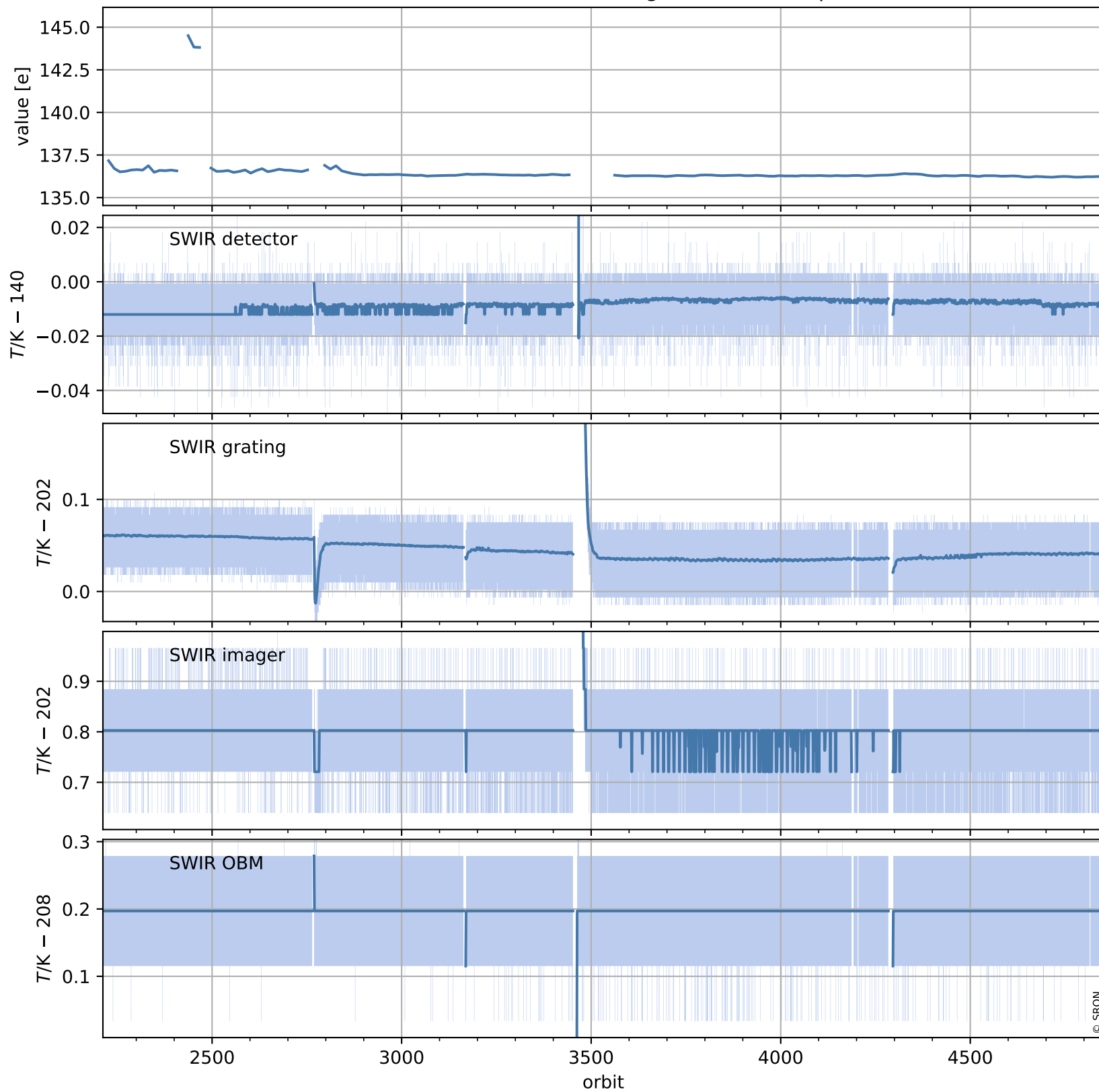
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4852]
coverage : 2018-03-18 / 2018-09-19
created : 2023-08-21T14:31:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4852]
coverage : 2018-03-18 / 2018-09-19
created : 2023-08-21T14:31:14

trend of normalized read-noise & temperatures

