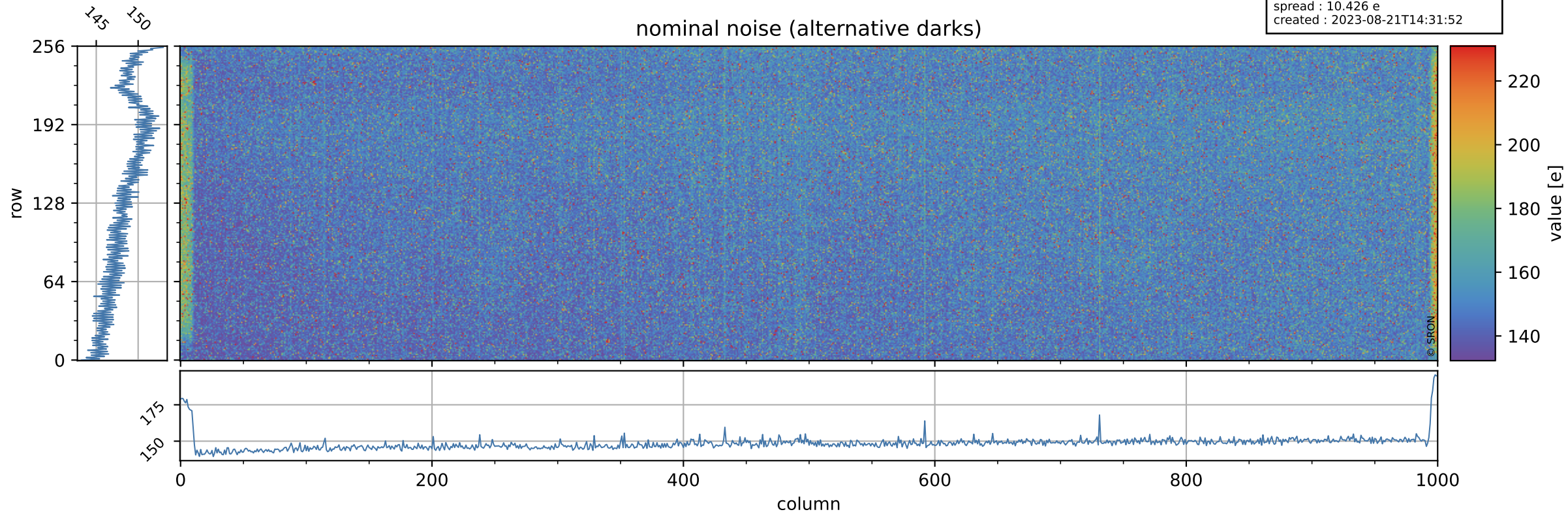


Tropomi SWIR background noise (swir)

orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.426 e
created : 2023-08-21T14:31:52

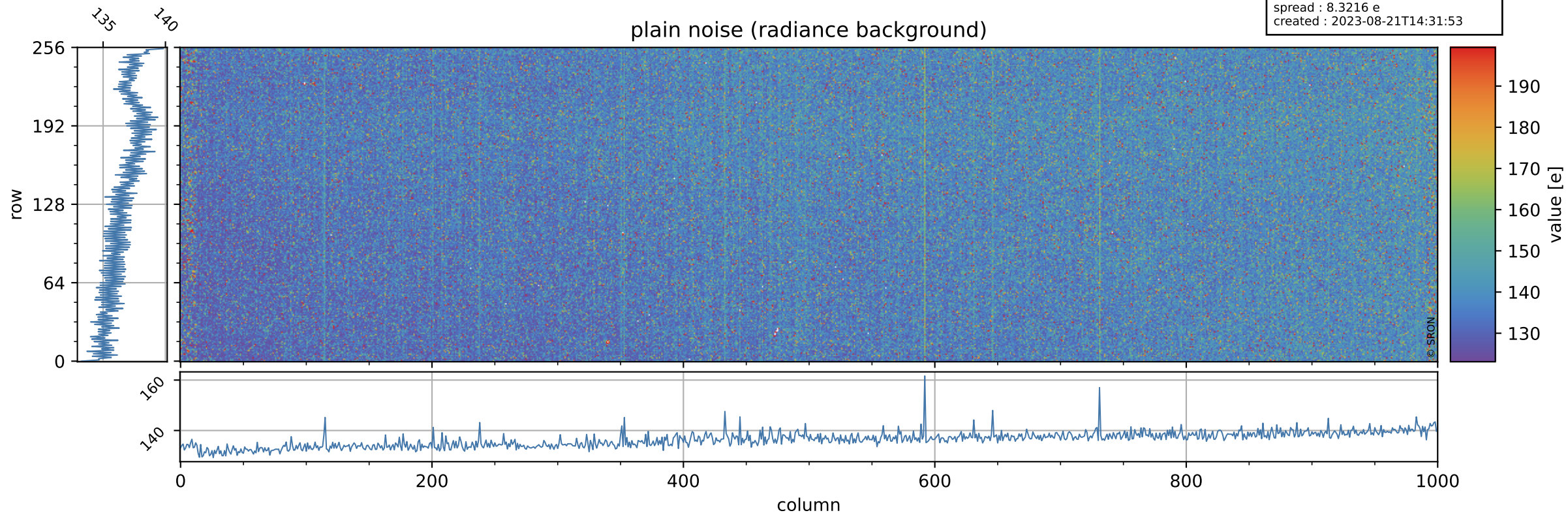
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
n_coad, t_exp : 2, 0.5383
median : 136.53 e
spread : 8.3216 e
created : 2023-08-21T14:31:53

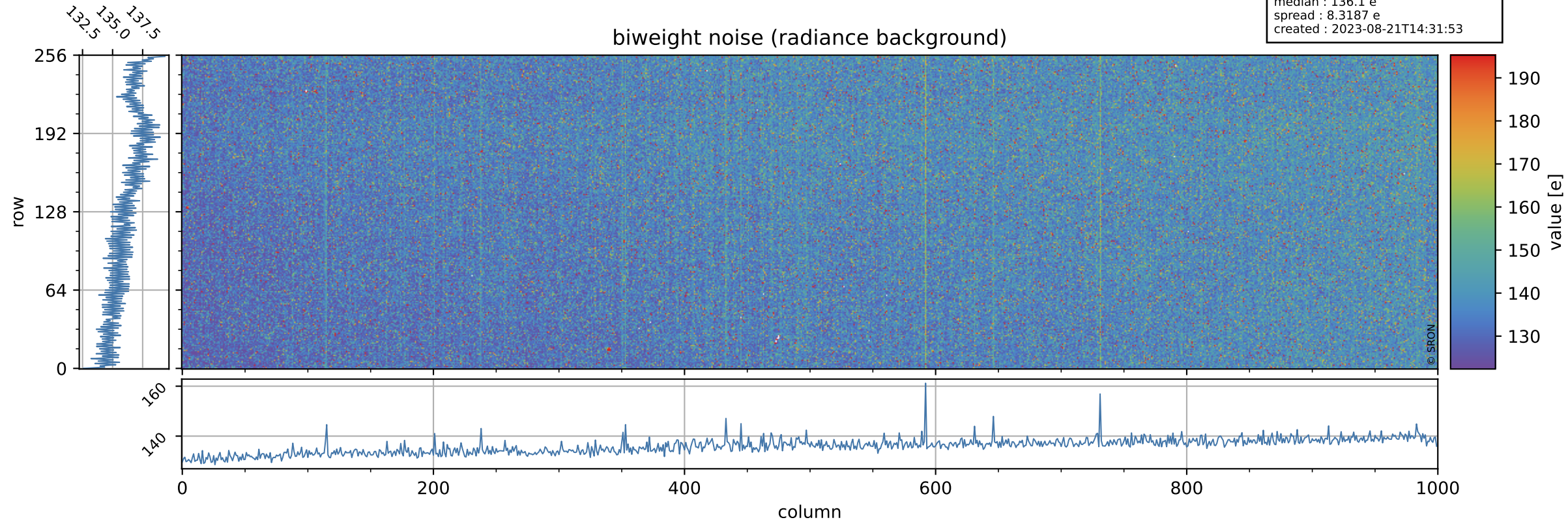
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
n_coad, t_exp : 2, 0.5383
median : 136.1 e
spread : 8.3187 e
created : 2023-08-21T14:31:53

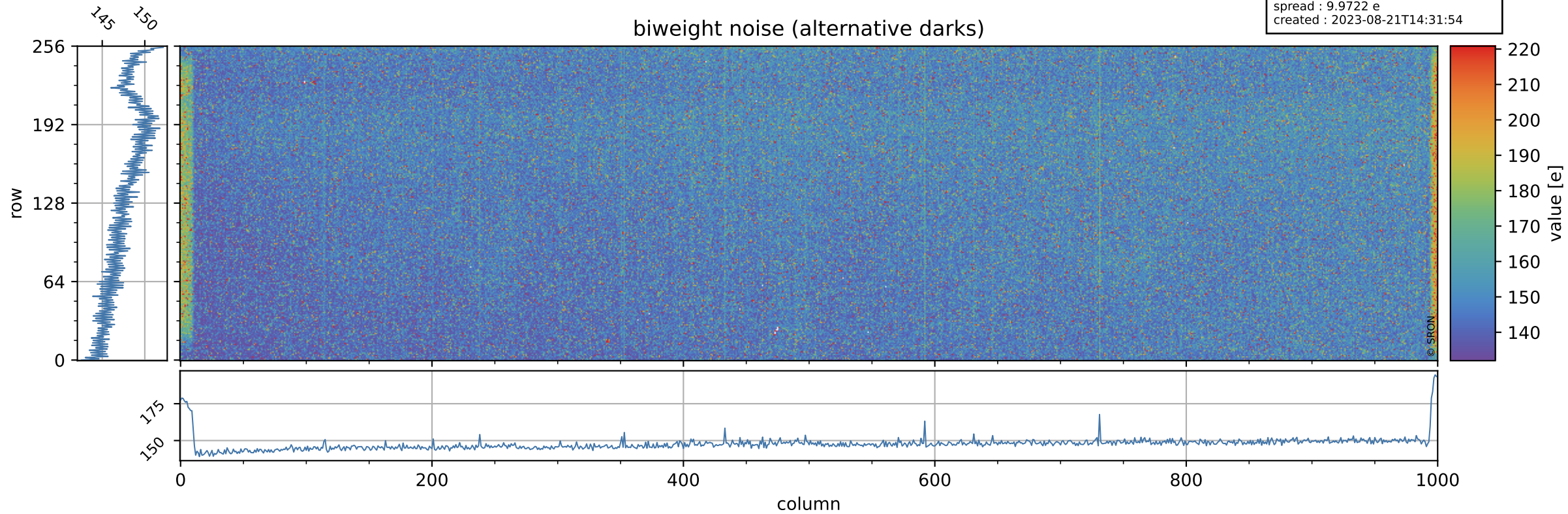
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 9.9722 e
created : 2023-08-21T14:31:54

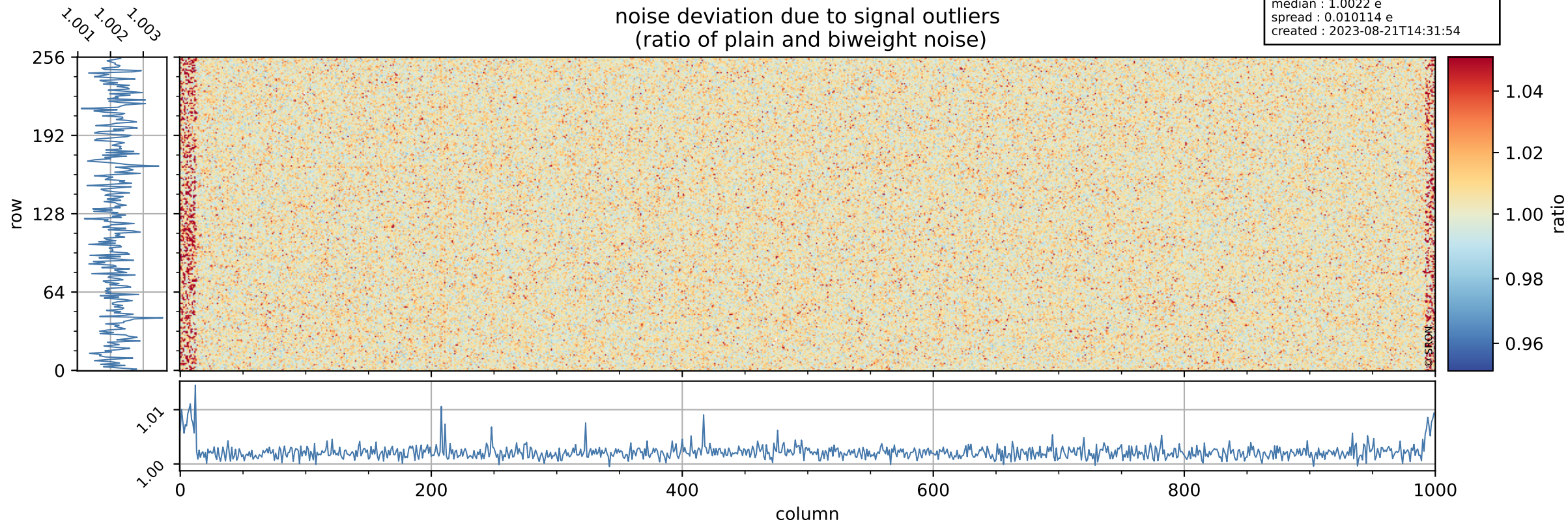
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

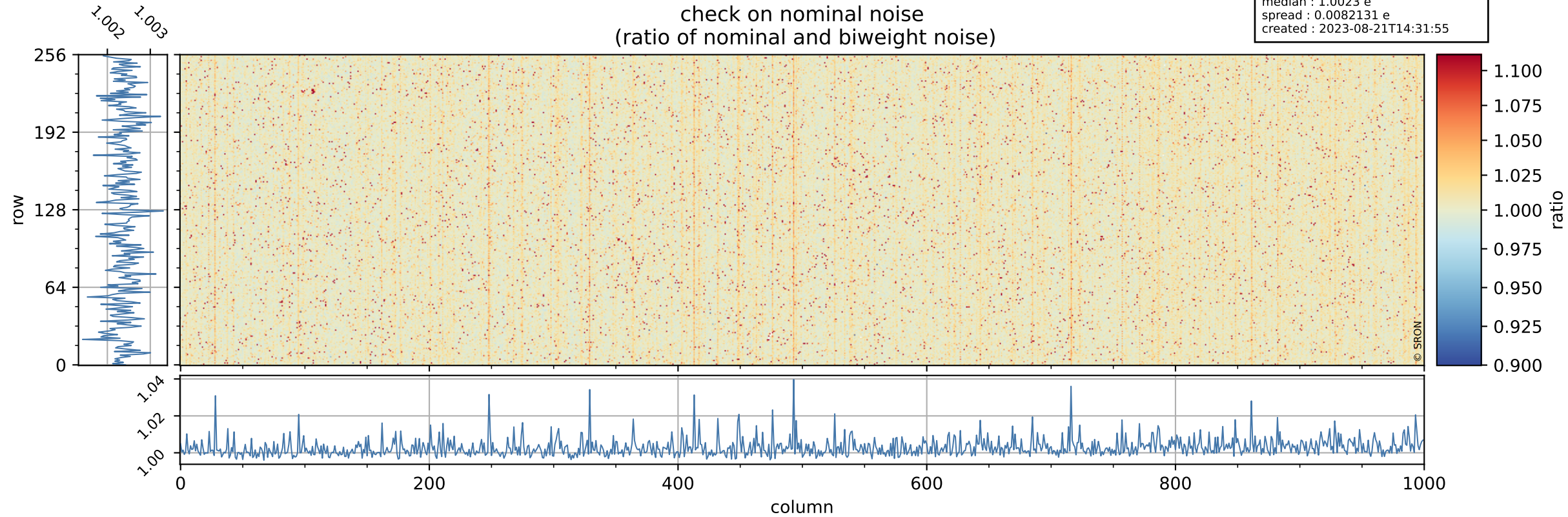
orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
median : 1.0022 e
spread : 0.010114 e
created : 2023-08-21T14:31:54



Tropomi SWIR background noise (swir)

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

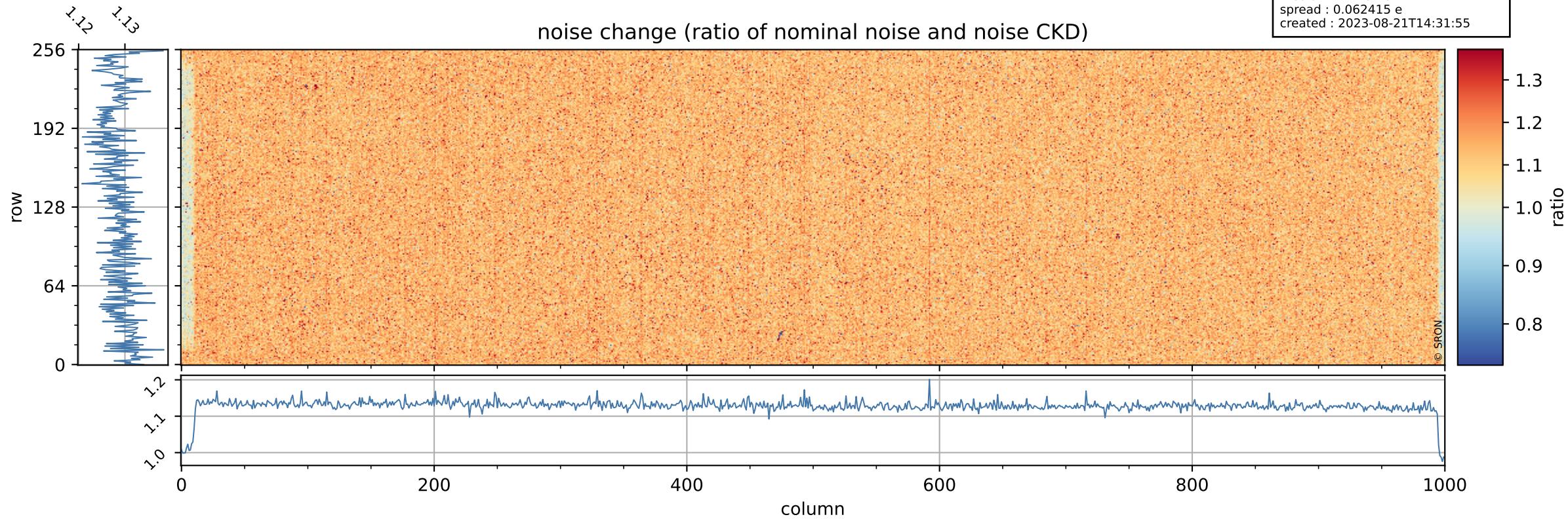
orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
median : 1.0023 e
spread : 0.0082131 e
created : 2023-08-21T14:31:55



Tropomi SWIR background noise (swir)

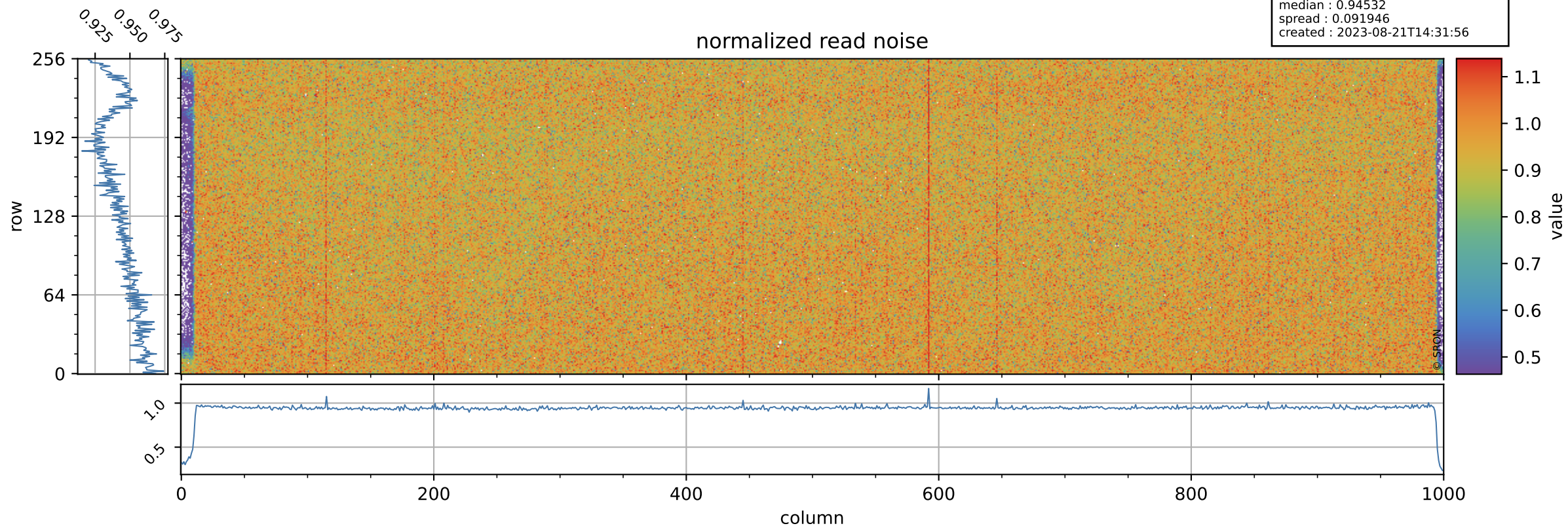
orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
median : 1.1282 e
spread : 0.062415 e
created : 2023-08-21T14:31:55

noise change (ratio of nominal noise and noise CKD)



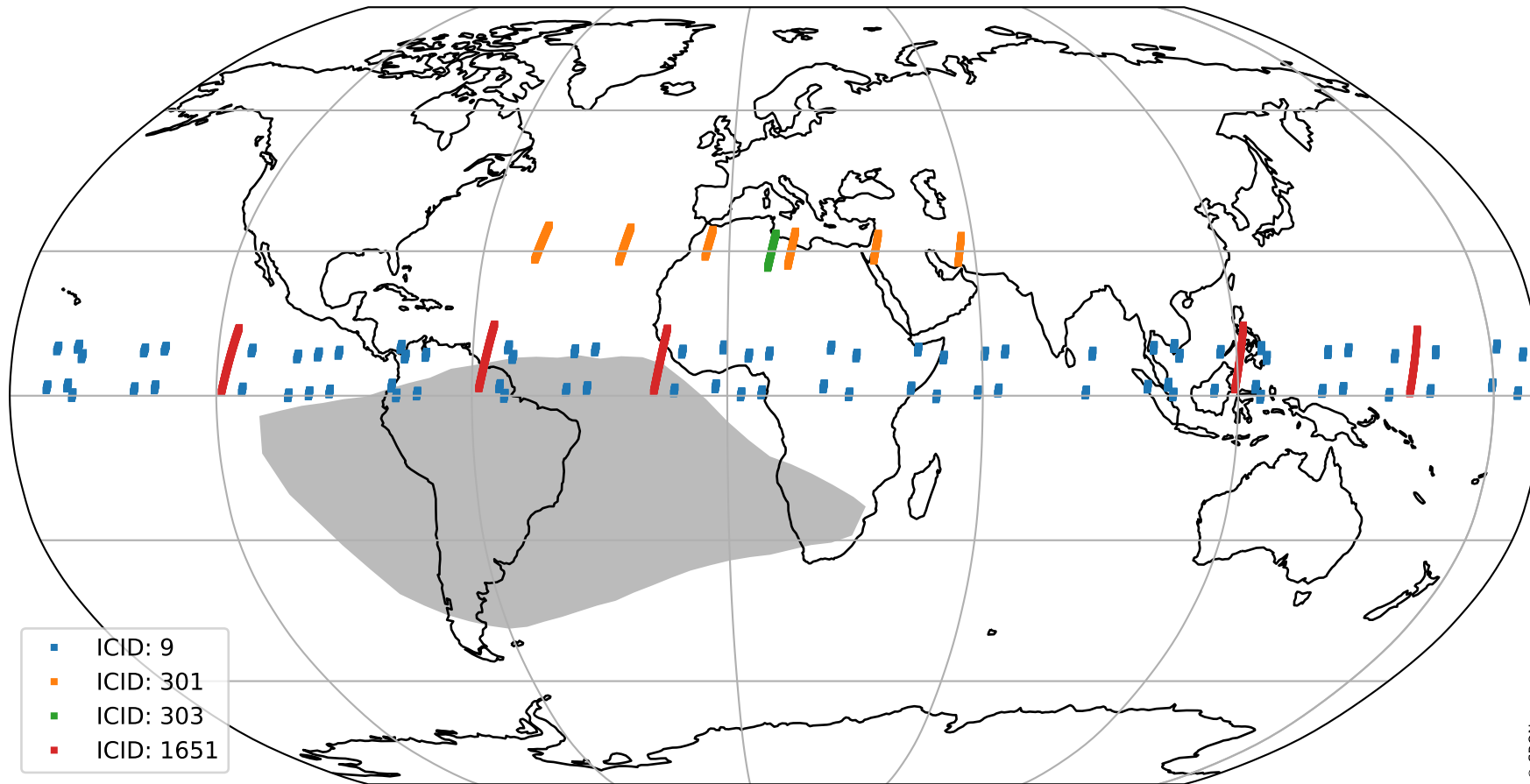
Tropomi SWIR background noise (swir)

orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
median : 0.94532
spread : 0.091946
created : 2023-08-21T14:31:56



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

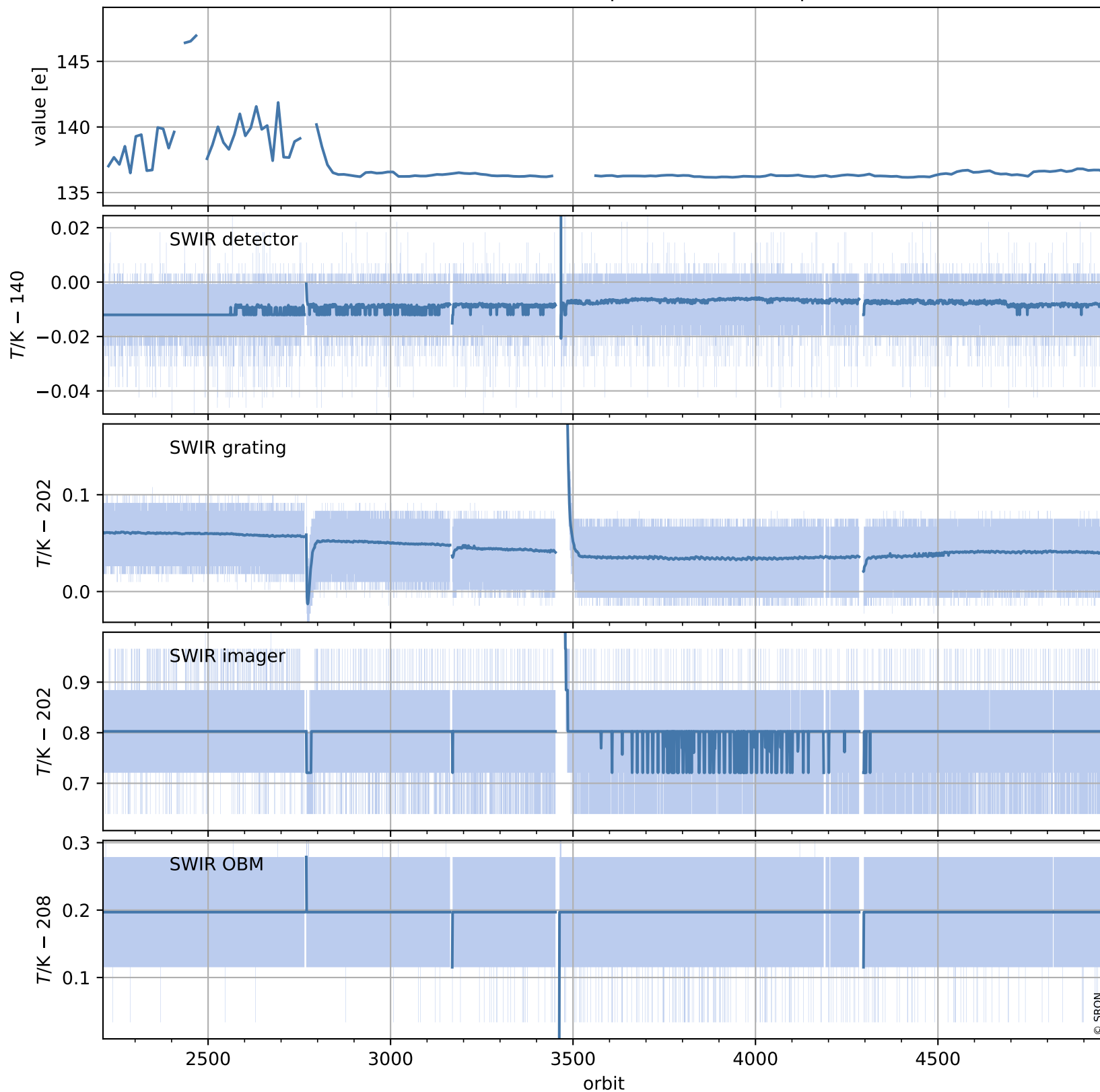
orbits : 12 in [4882, 4957]
coverage : 2018-09-21 / 2018-09-27
created : 2023-08-21T14:31:56



Tropomi SWIR background noise (swir)

orbits : [2212, 4957]
coverage : 2018-03-18 / 2018-09-27
created : 2023-08-21T14:31:56

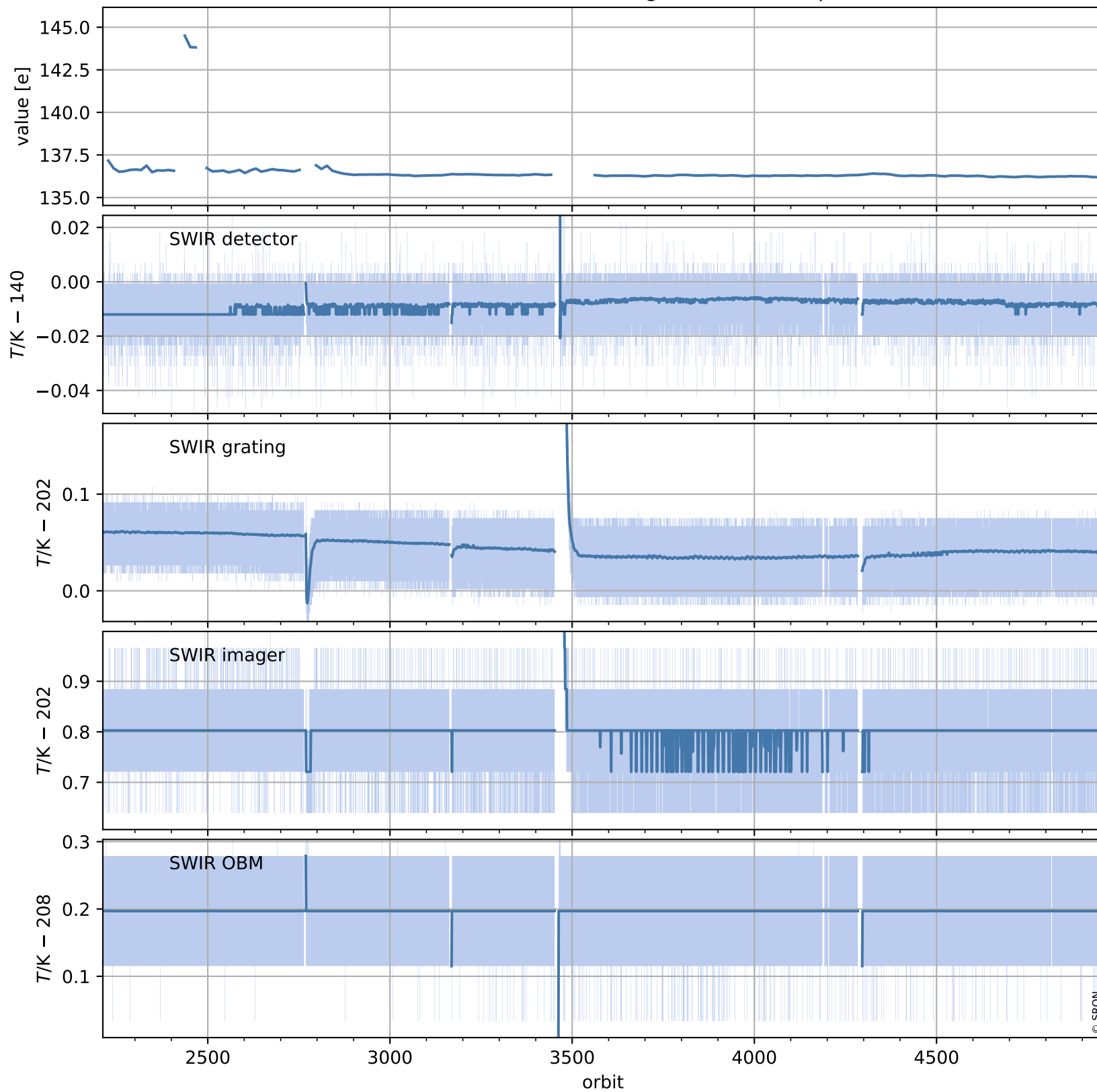
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4957]
coverage : 2018-03-18 / 2018-09-27
created : 2023-08-21T14:31:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4957]
coverage : 2018-03-18 / 2018-09-27
created : 2023-08-21T14:31:57

trend of normalized read-noise & temperatures

