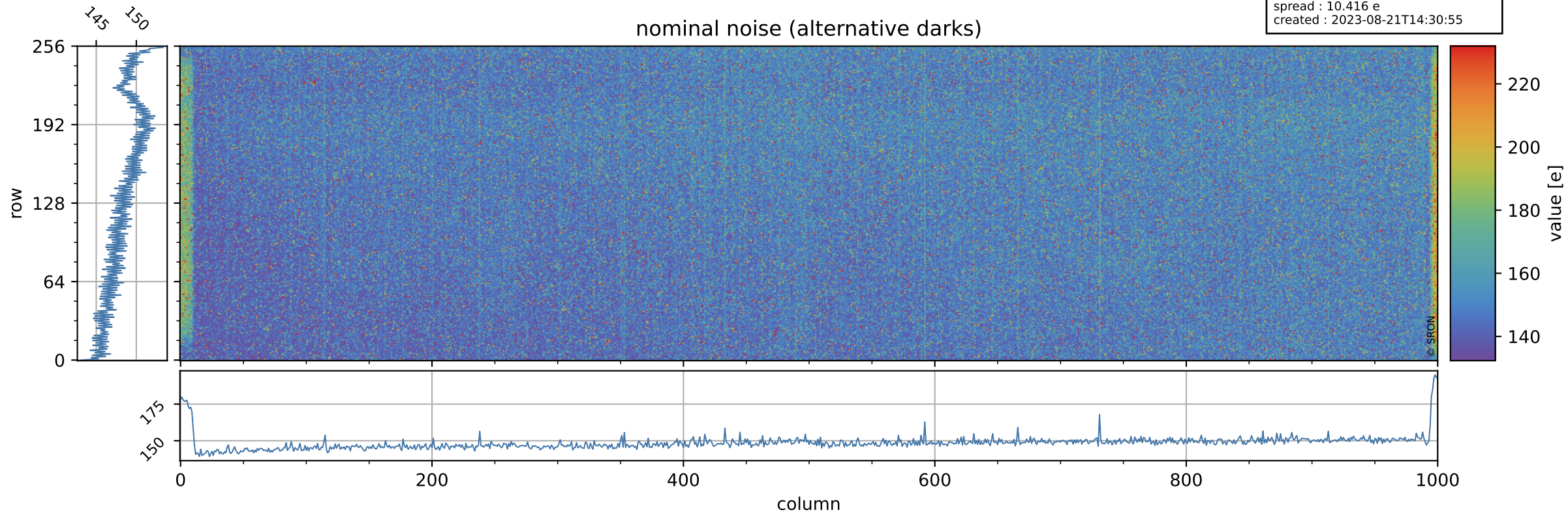


Tropomi SWIR background noise (swir)

orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.416 e
created : 2023-08-21T14:30:55

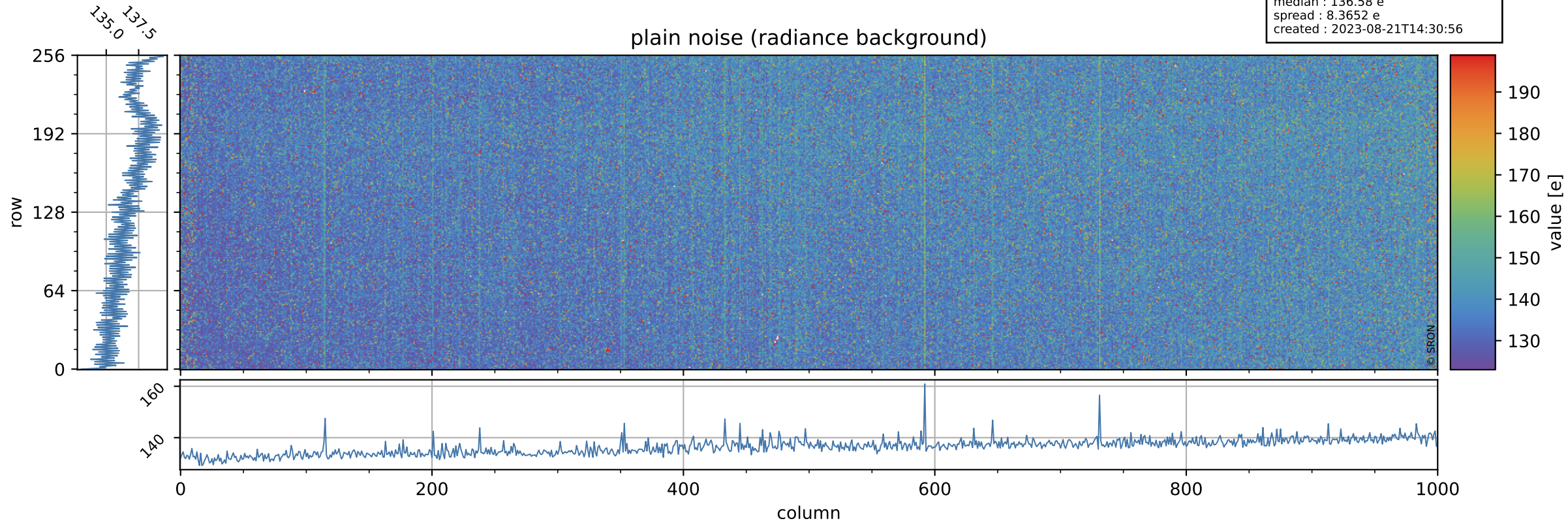
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
n_coad, t_exp : 2, 0.5383
median : 136.58 e
spread : 8.3652 e
created : 2023-08-21T14:30:56

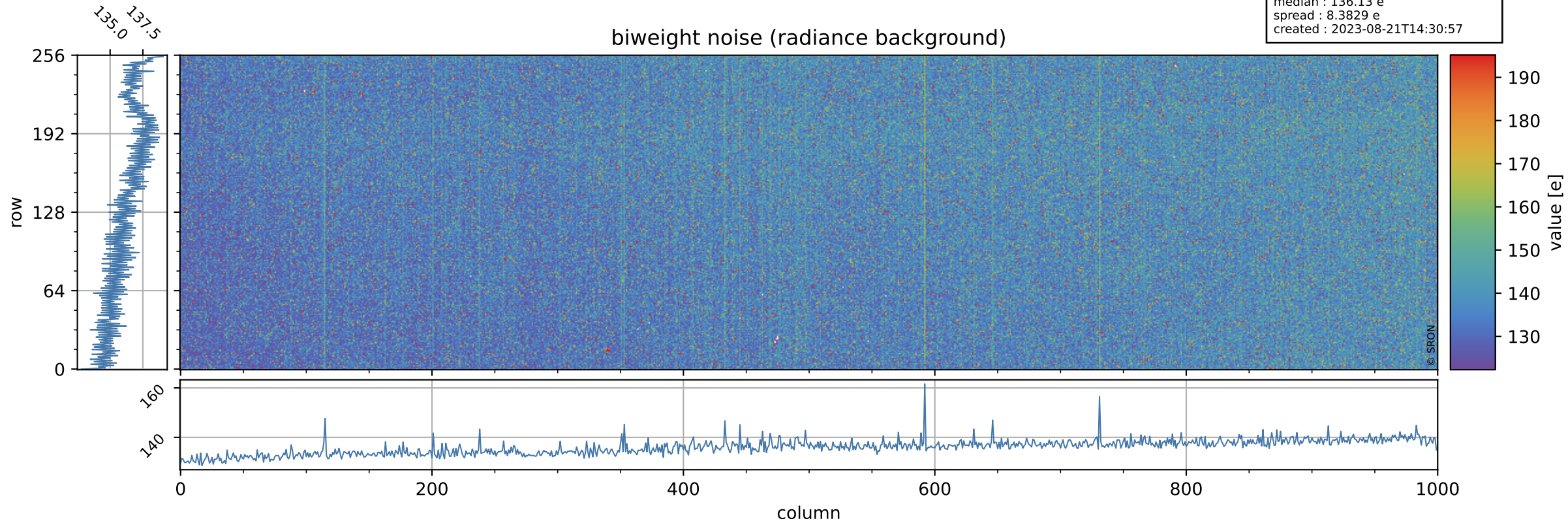
plain noise (radiance background)



Tropomi SWIR background noise (swir)

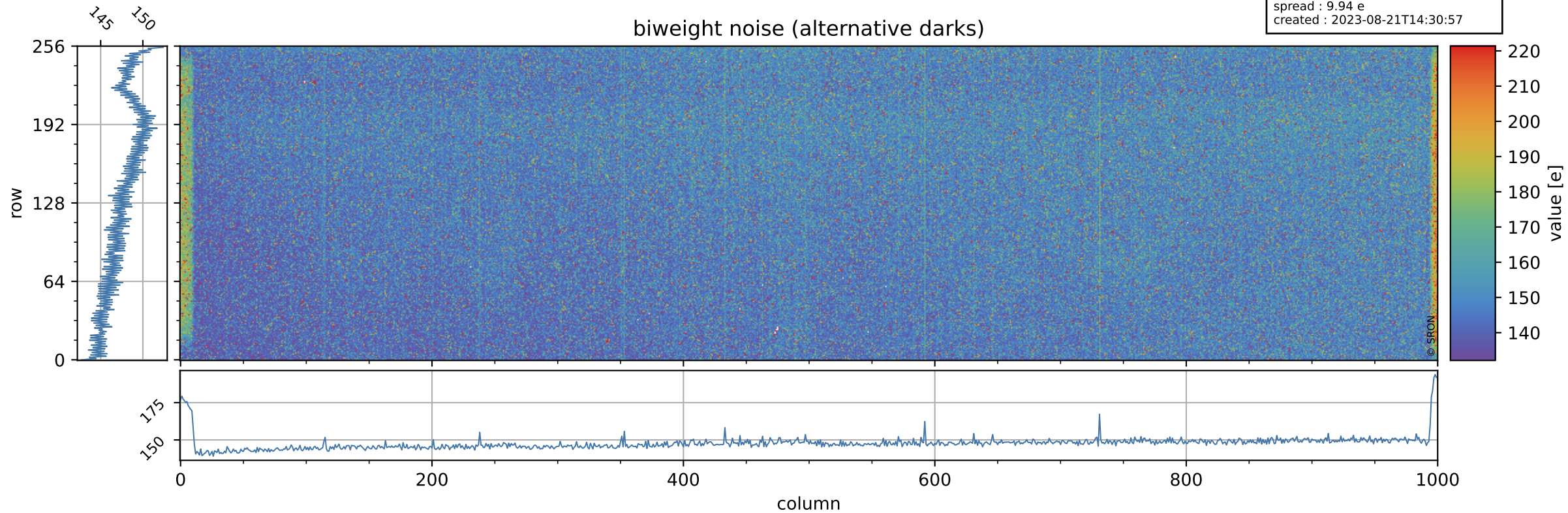
orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.3829 e
created : 2023-08-21T14:30:57

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

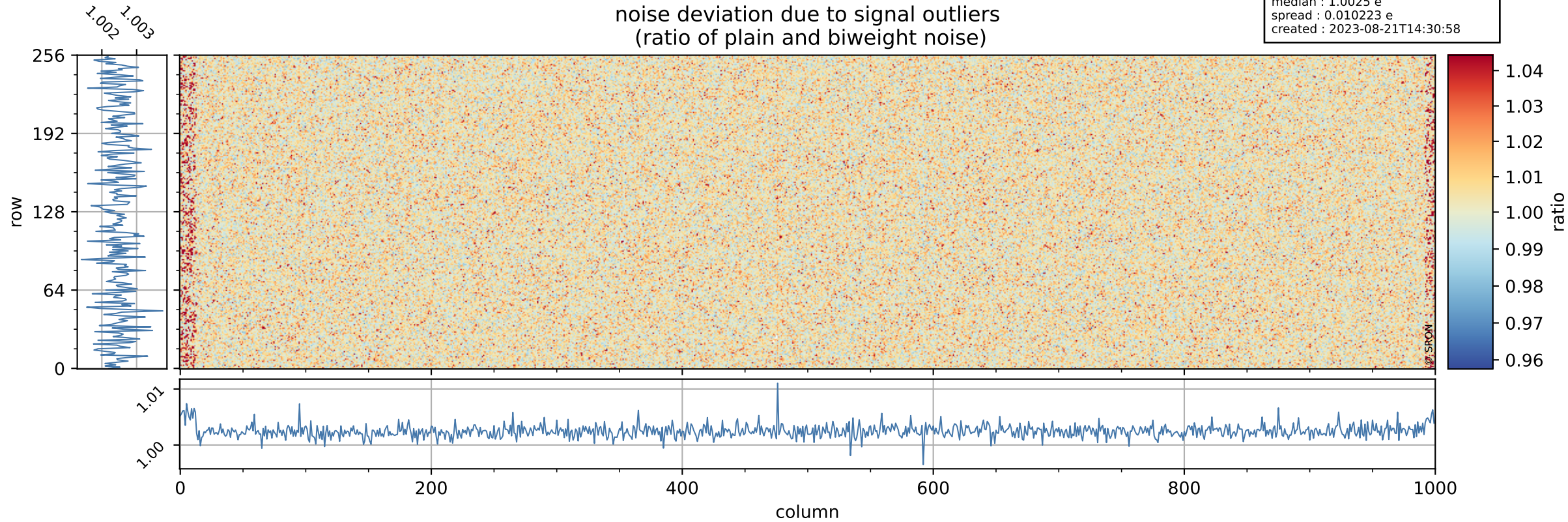
orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.94 e
created : 2023-08-21T14:30:57



Tropomi SWIR background noise (swir)

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

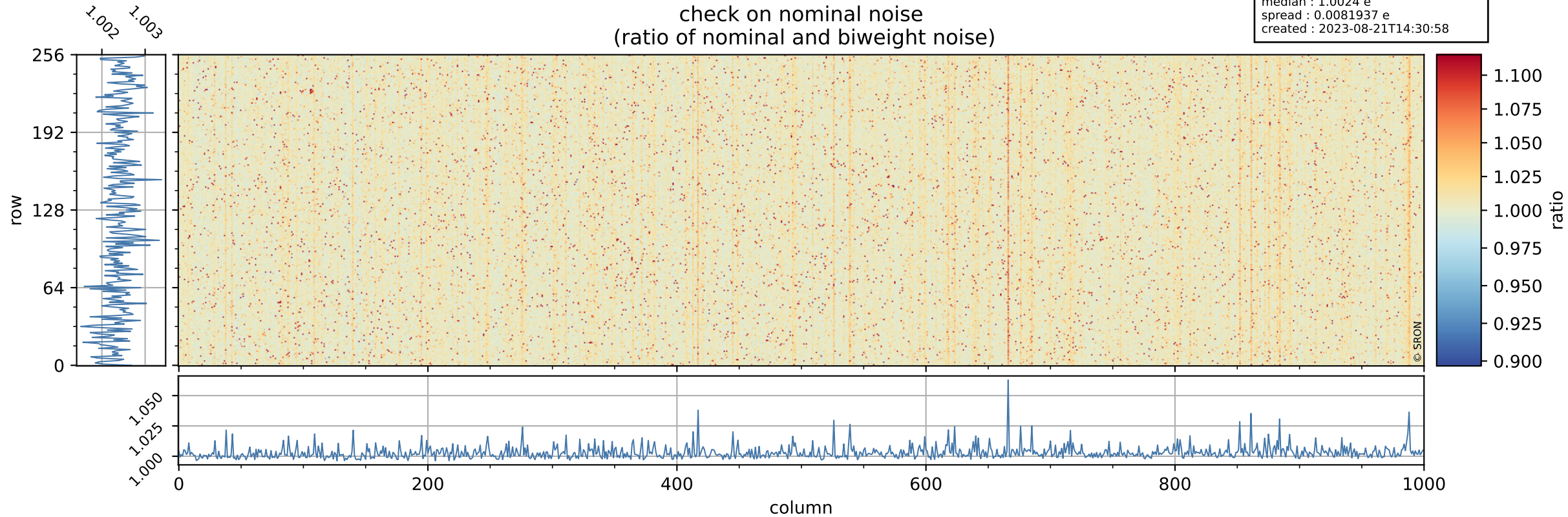
orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
median : 1.0025 e
spread : 0.010223 e
created : 2023-08-21T14:30:58



Tropomi SWIR background noise (swir)

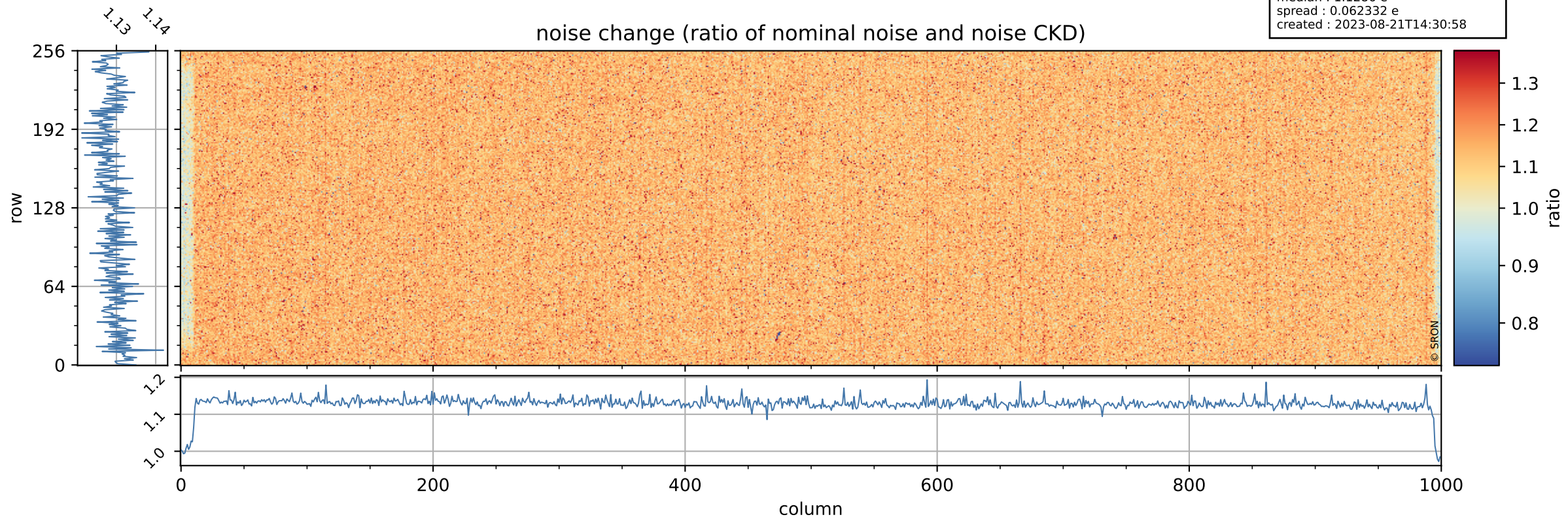
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
median : 1.0024 e
spread : 0.0081937 e
created : 2023-08-21T14:30:58



Tropomi SWIR background noise (swir)

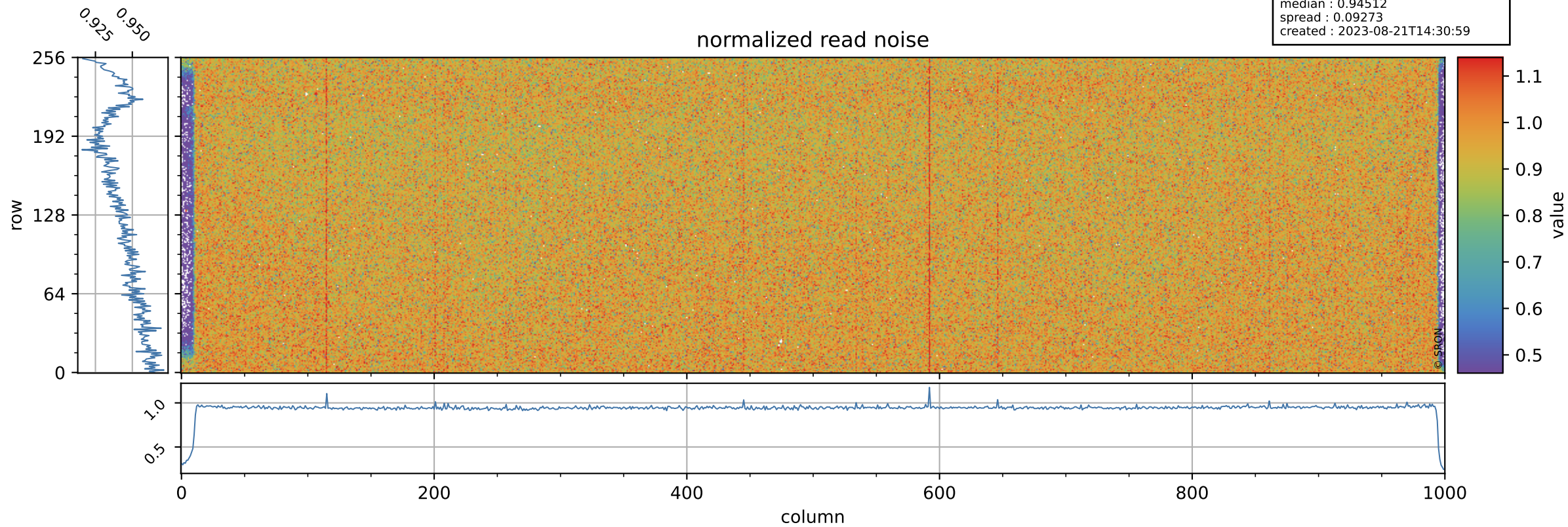
orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
median : 1.1286 e
spread : 0.062332 e
created : 2023-08-21T14:30:58



Tropomi SWIR background noise (swir)

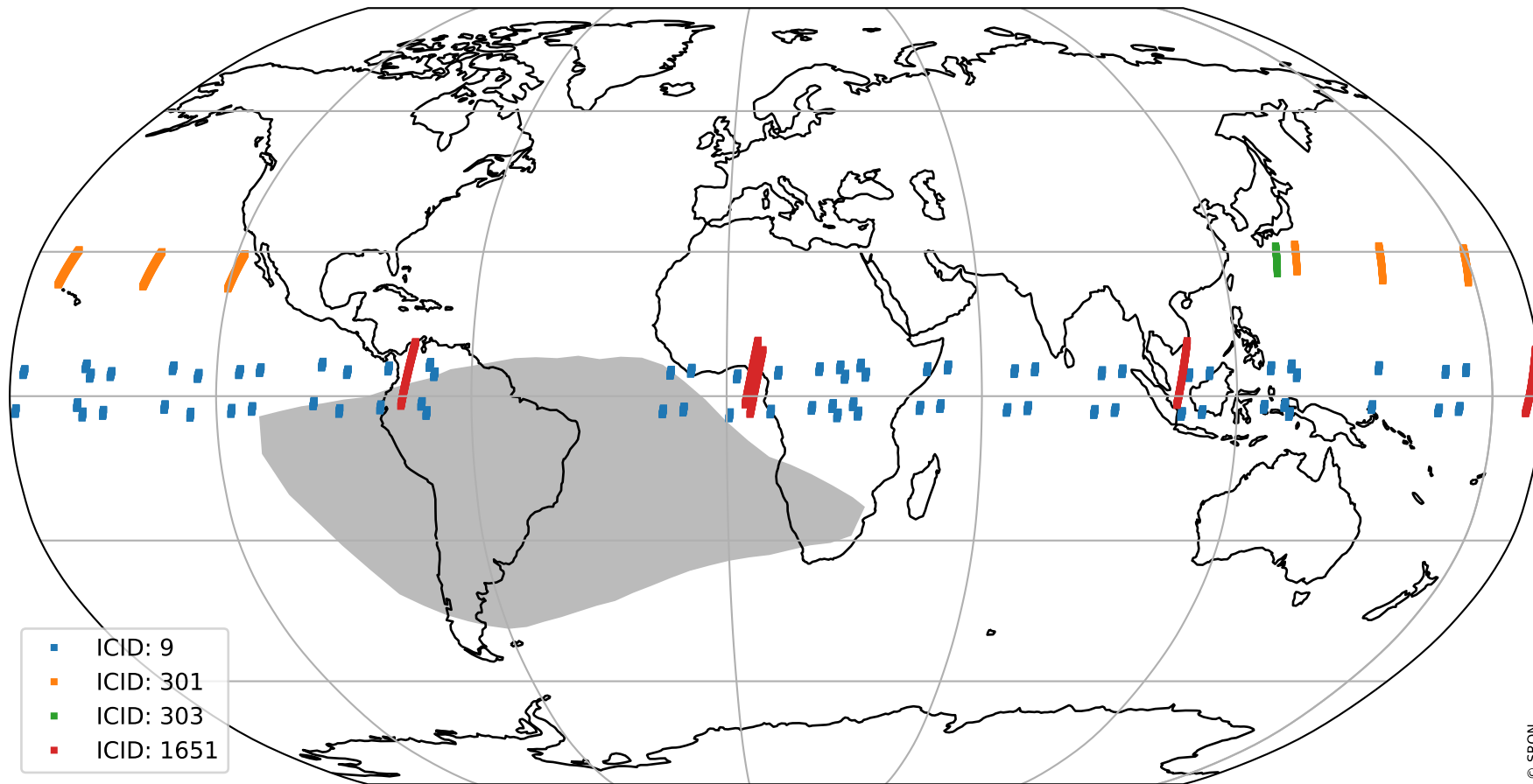
orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
median : 0.94512
spread : 0.09273
created : 2023-08-21T14:30:59

normalized read noise



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

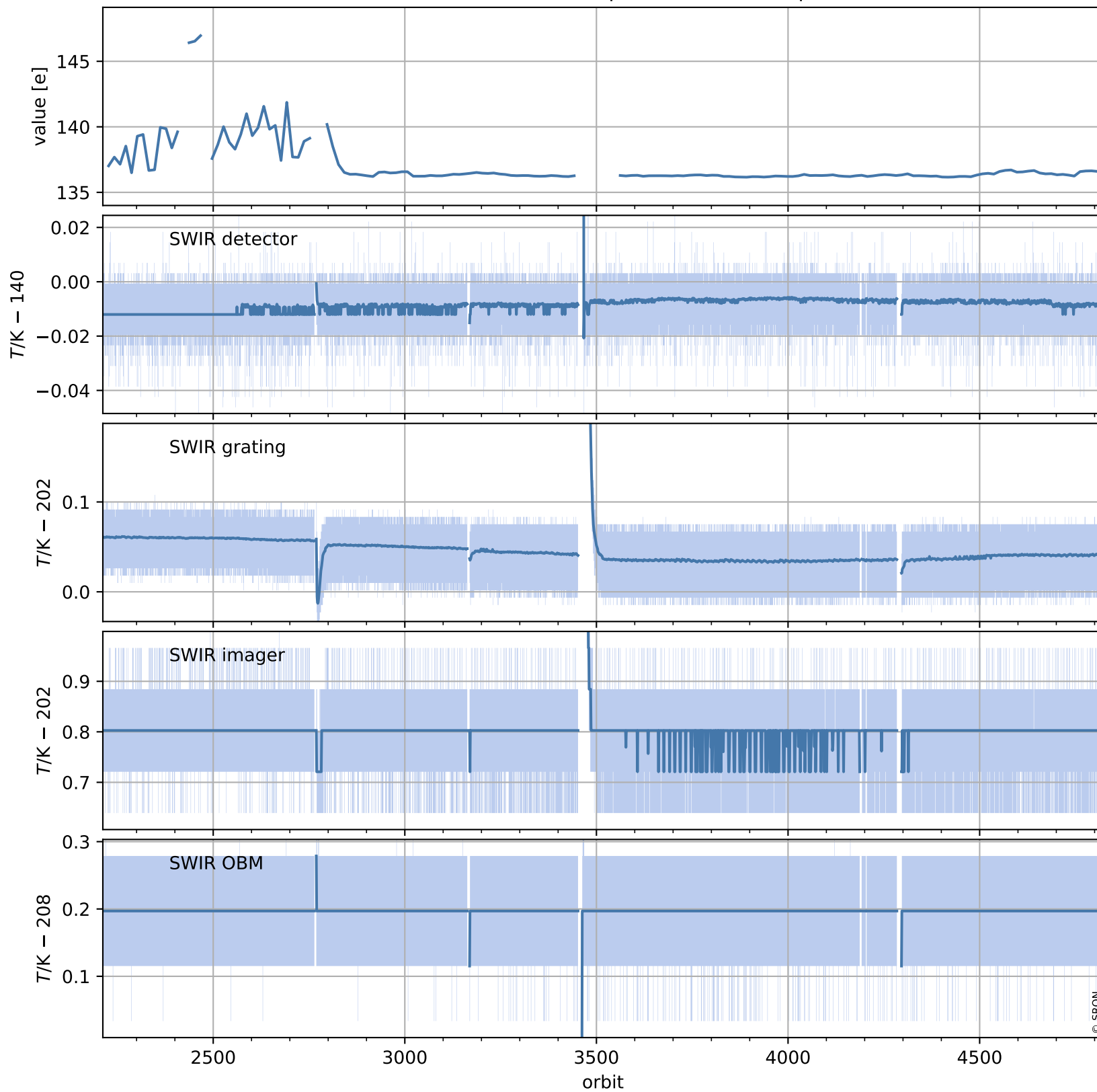
orbits : 12 in [4732, 4822]
coverage : 2018-09-12 / 2018-09-18
created : 2023-08-21T14:30:59



Tropomi SWIR background noise (swir)

orbits : [2212, 4822]
coverage : 2018-03-18 / 2018-09-18
created : 2023-08-21T14:31:00

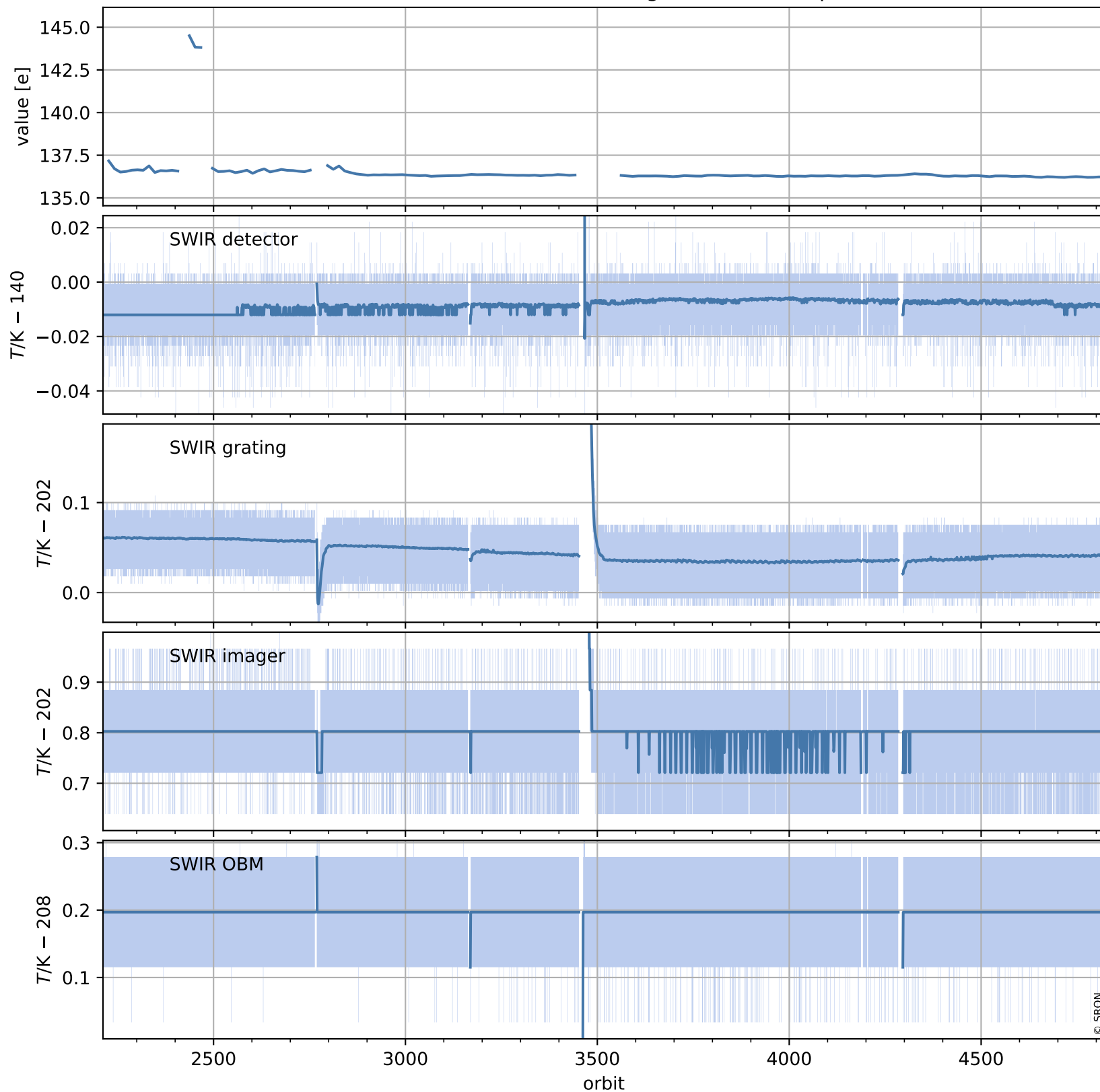
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4822]
coverage : 2018-03-18 / 2018-09-18
created : 2023-08-21T14:31:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4822]
coverage : 2018-03-18 / 2018-09-18
created : 2023-08-21T14:31:01

trend of normalized read-noise & temperatures

