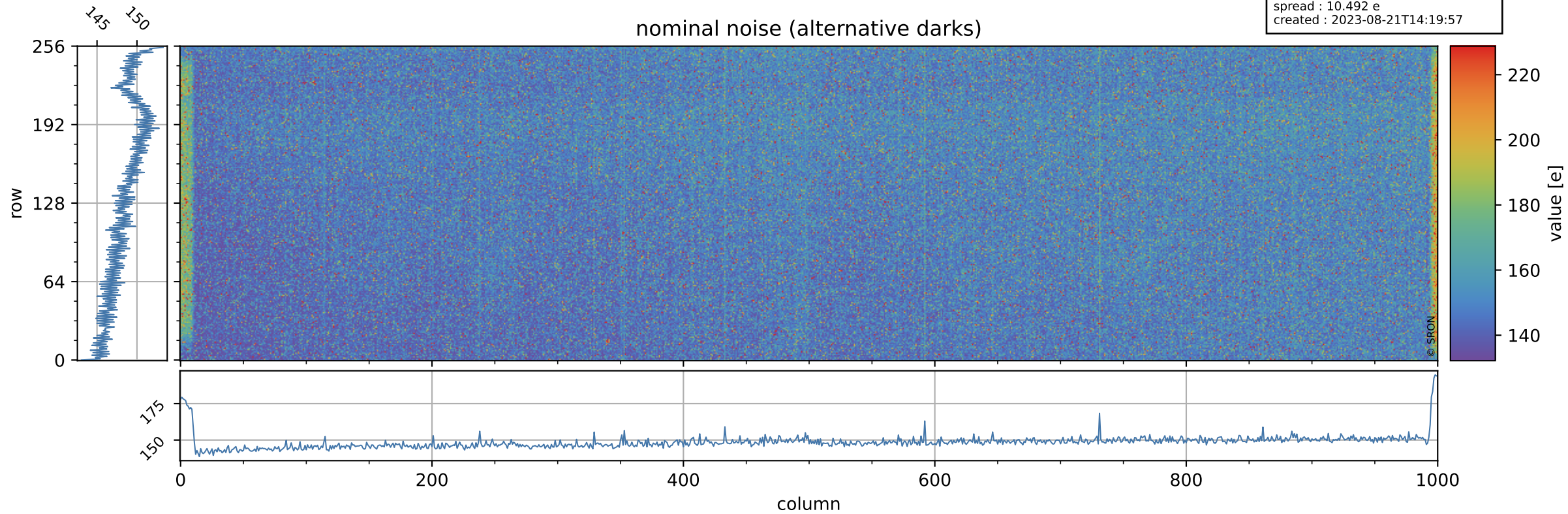


Tropomi SWIR background noise (swir)

orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.492 e
created : 2023-08-21T14:19:57

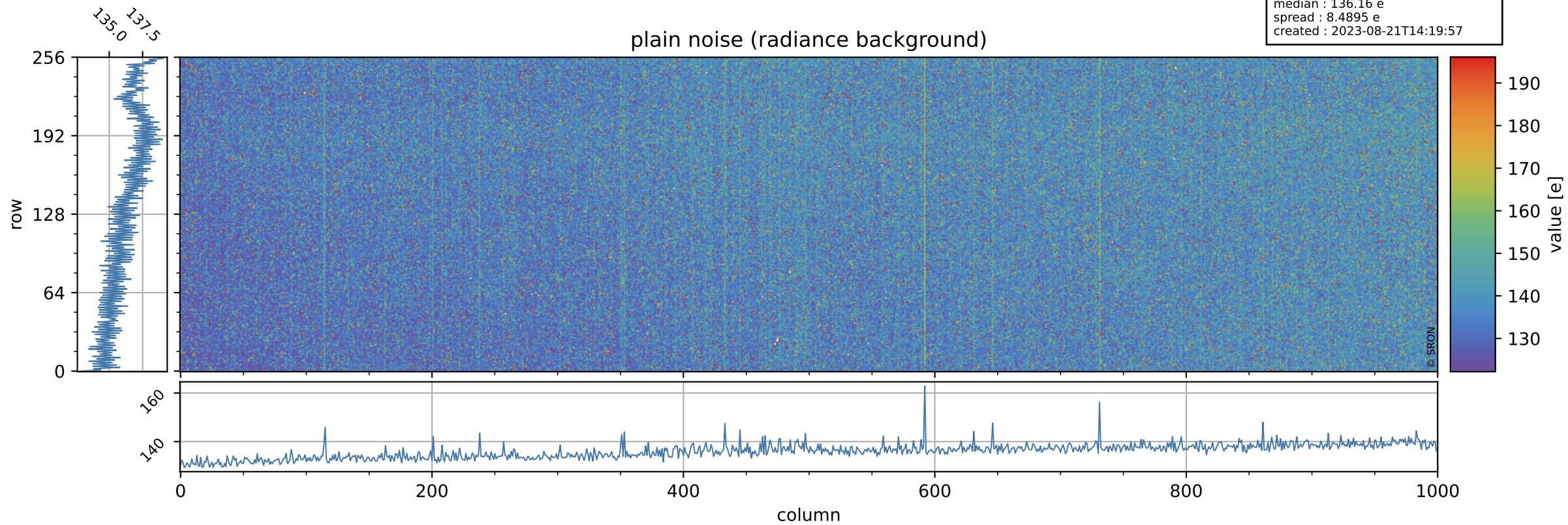
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.4895 e
created : 2023-08-21T14:19:57

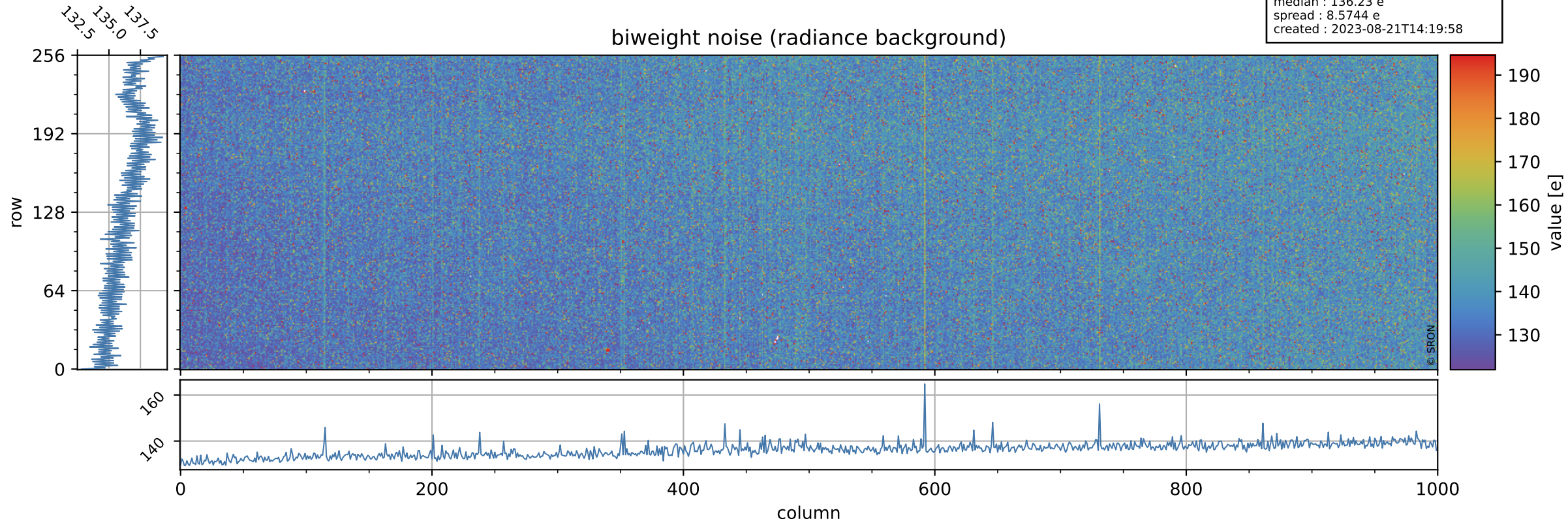
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5744 e
created : 2023-08-21T14:19:58

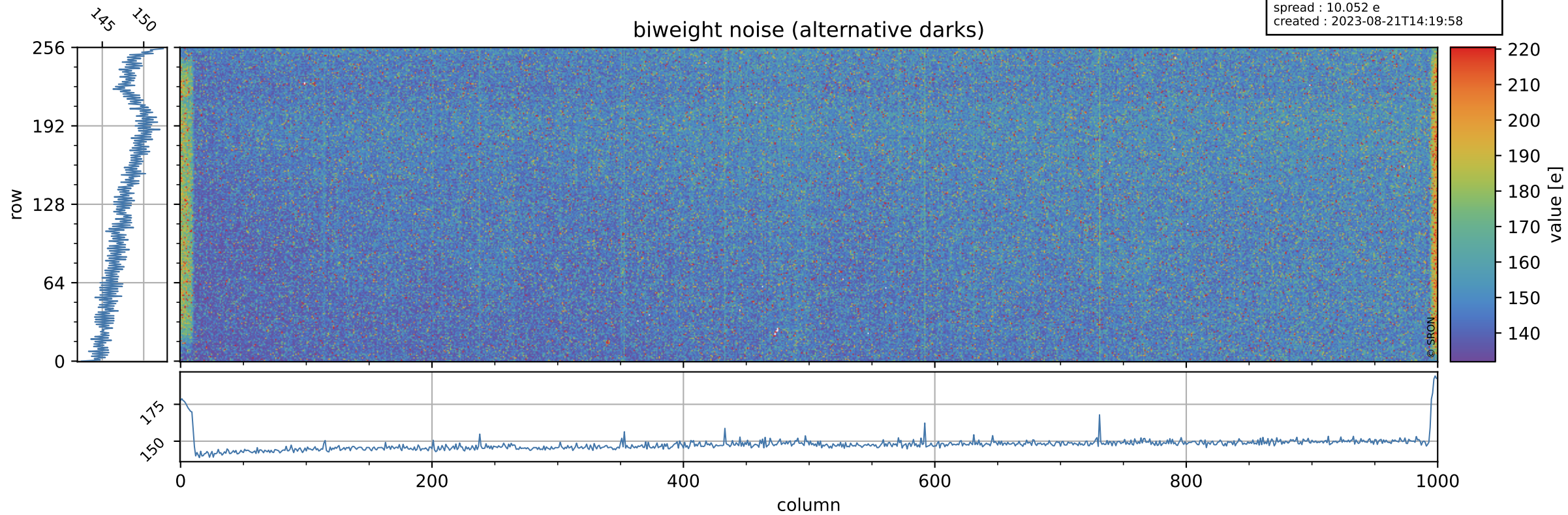
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.052 e
created : 2023-08-21T14:19:58

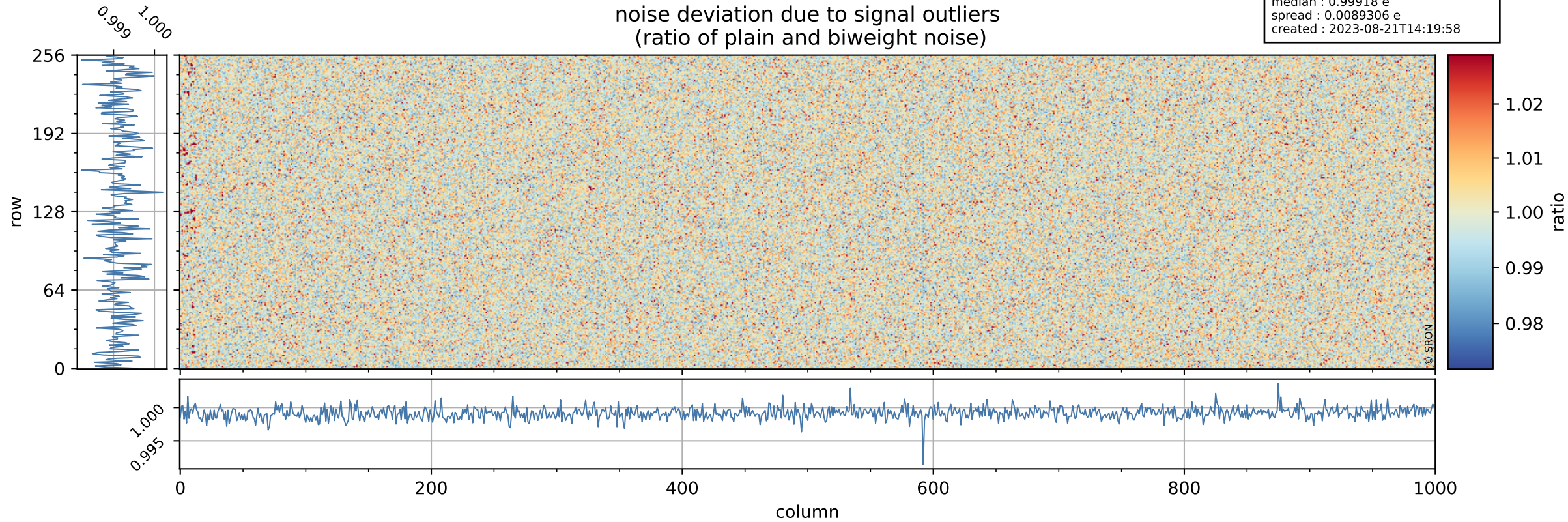
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

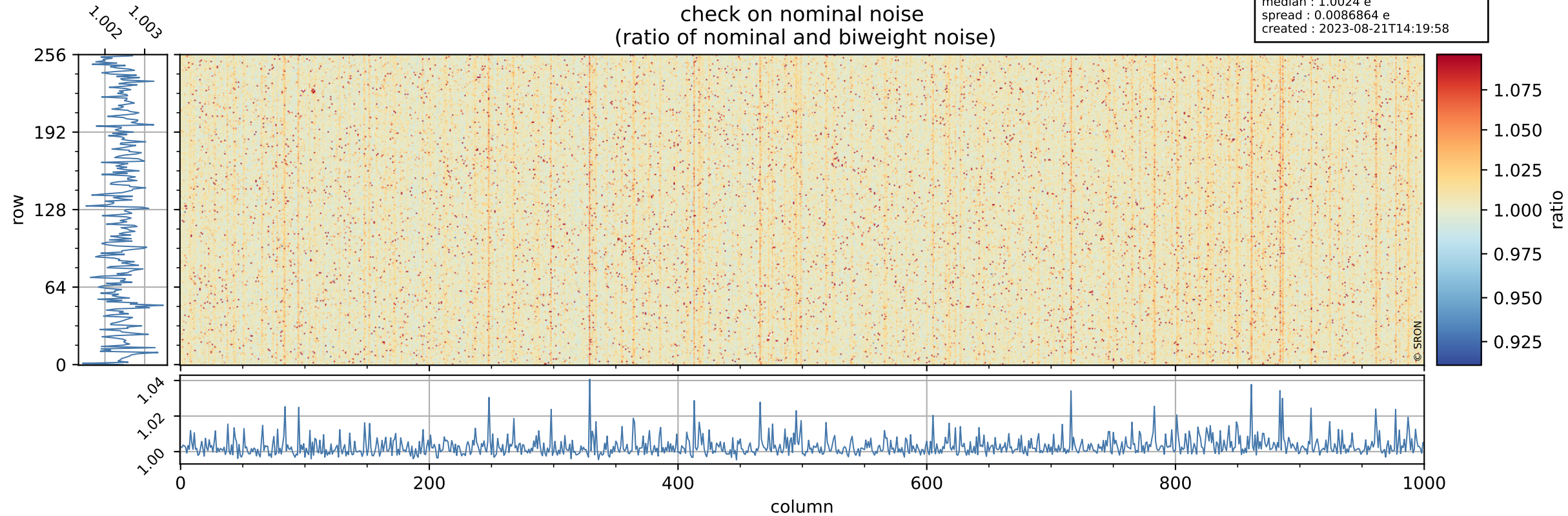
orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
median : 0.99918 e
spread : 0.0089306 e
created : 2023-08-21T14:19:58



Tropomi SWIR background noise (swir)

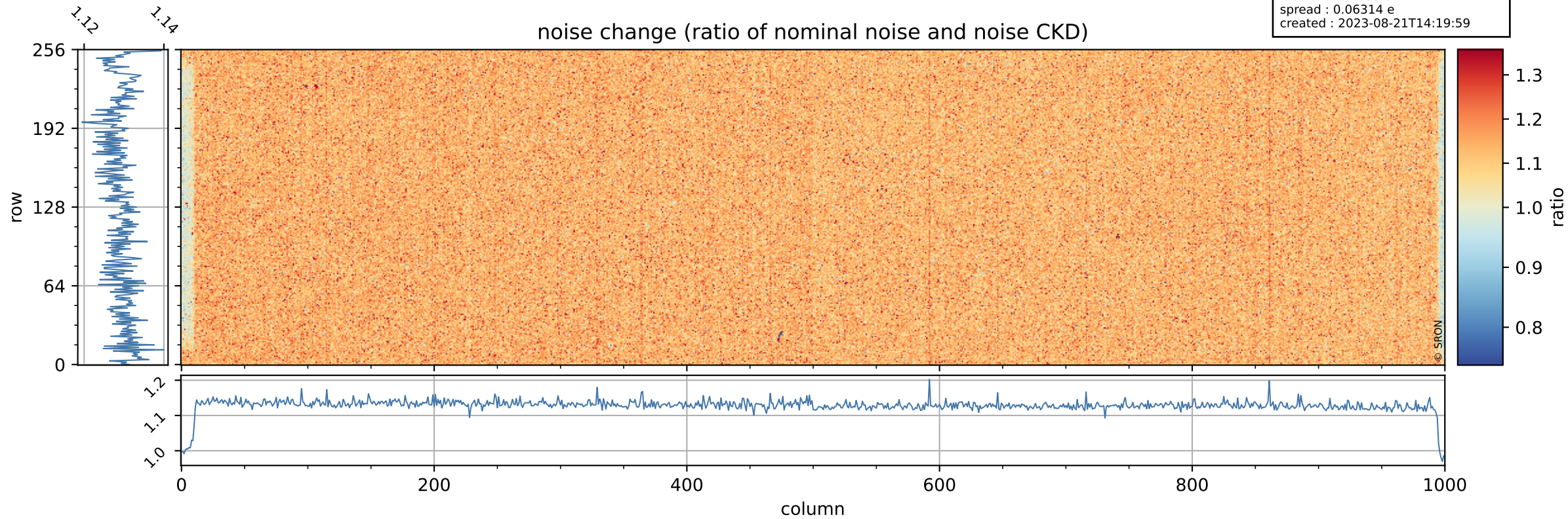
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
median : 1.0024 e
spread : 0.0086864 e
created : 2023-08-21T14:19:58



Tropomi SWIR background noise (swir)

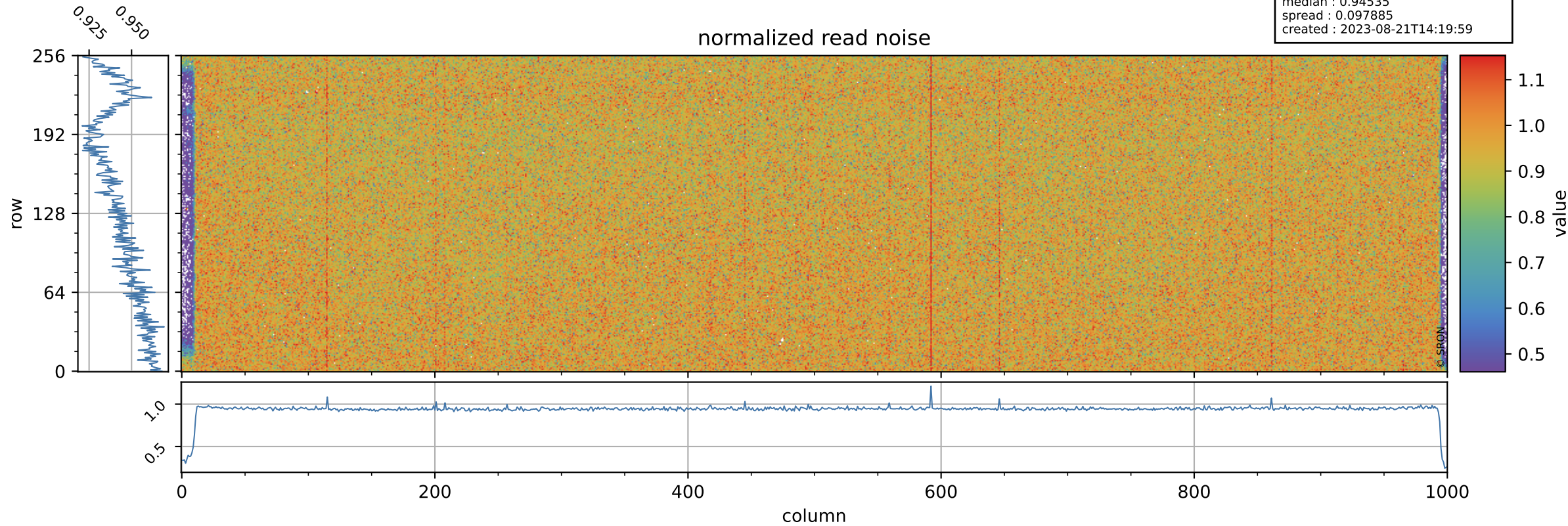
orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
median : 1.1289 e
spread : 0.06314 e
created : 2023-08-21T14:19:59



Tropomi SWIR background noise (swir)

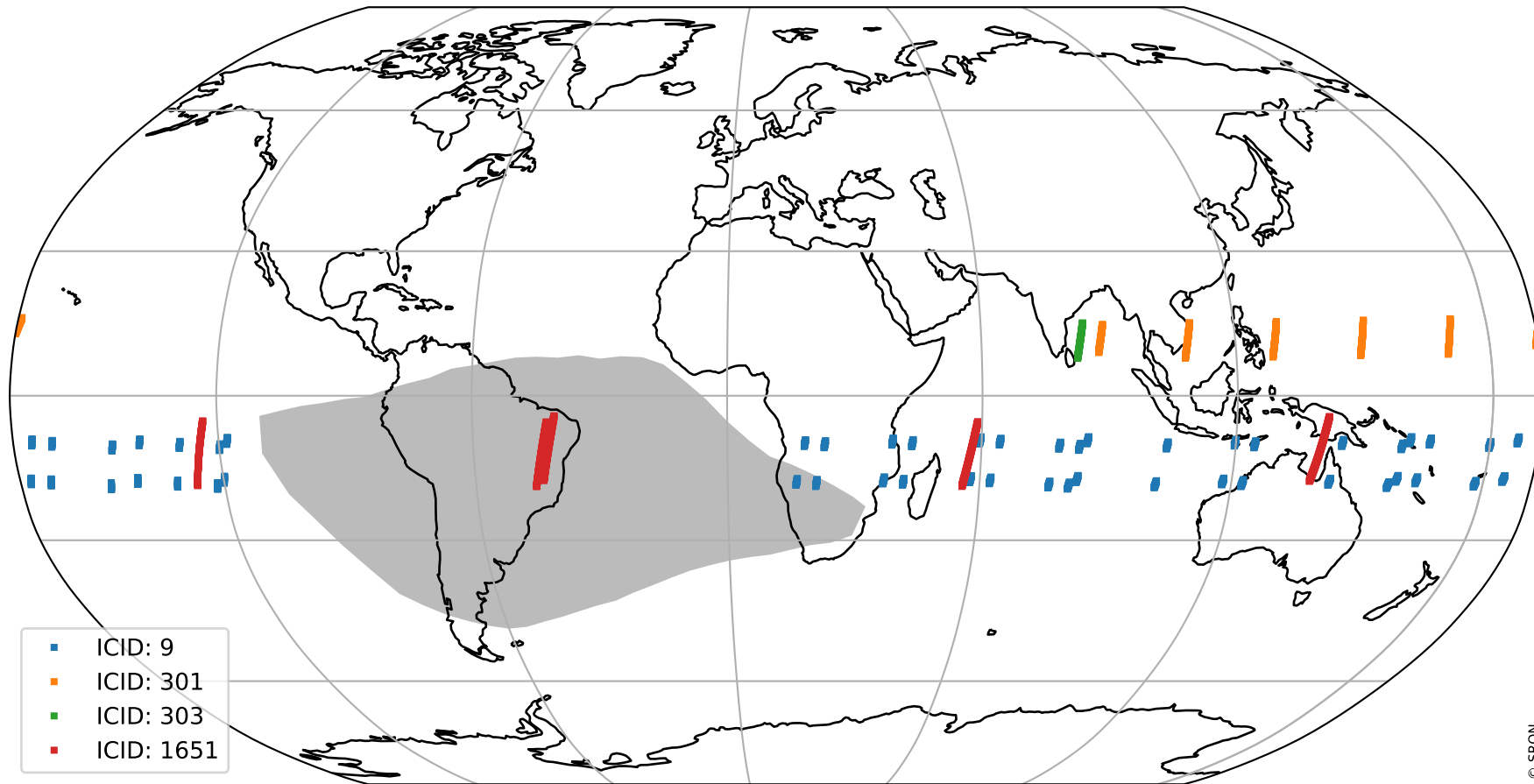
orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
median : 0.94535
spread : 0.097885
created : 2023-08-21T14:19:59

normalized read noise



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

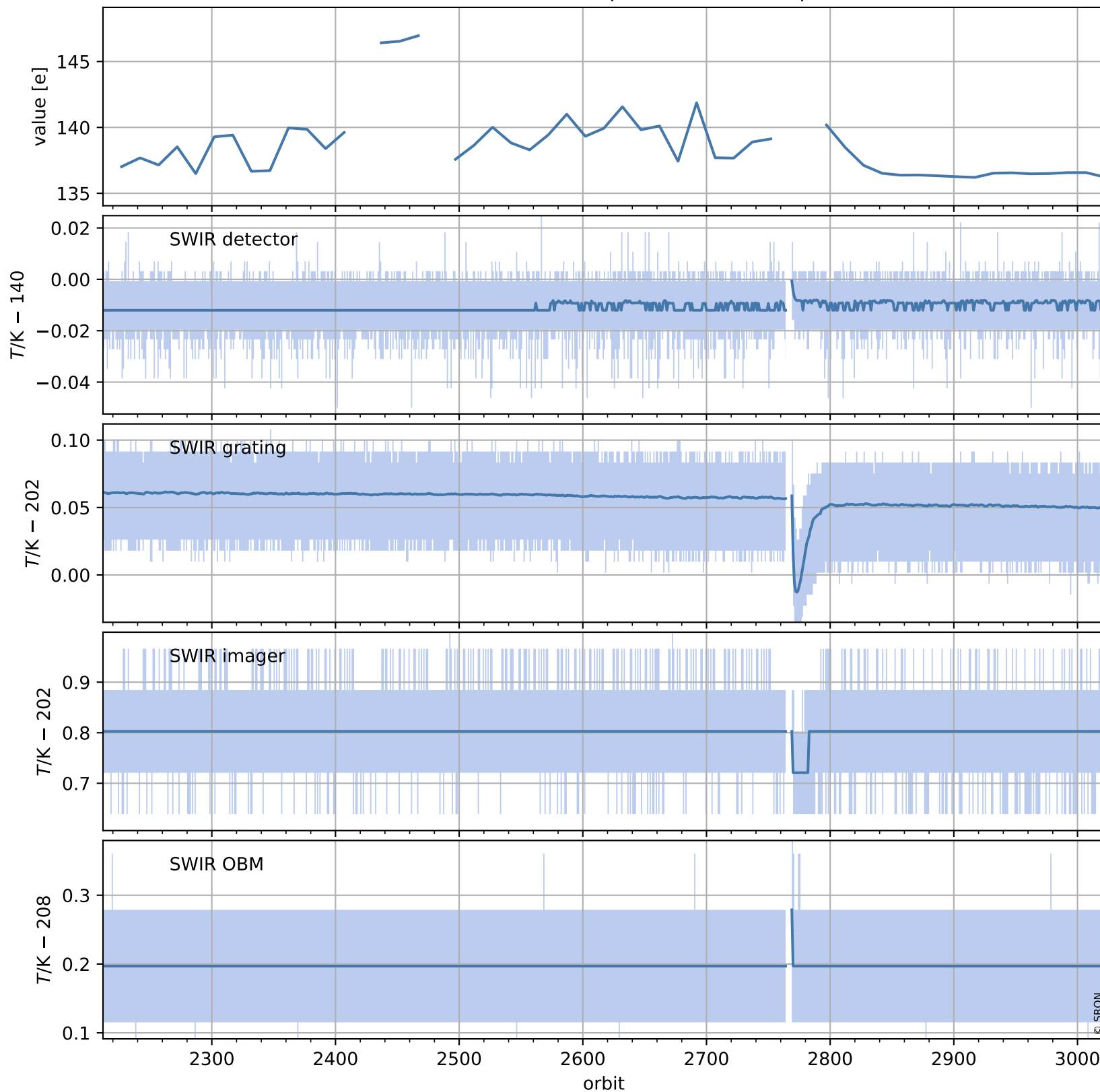
orbits : 12 in [2932, 3022]
coverage : 2018-05-08 / 2018-05-14
created : 2023-08-21T14:19:59



Tropomi SWIR background noise (swir)

orbits : [2212, 3022]
coverage : 2018-03-18 / 2018-05-14
created : 2023-08-21T14:20:00

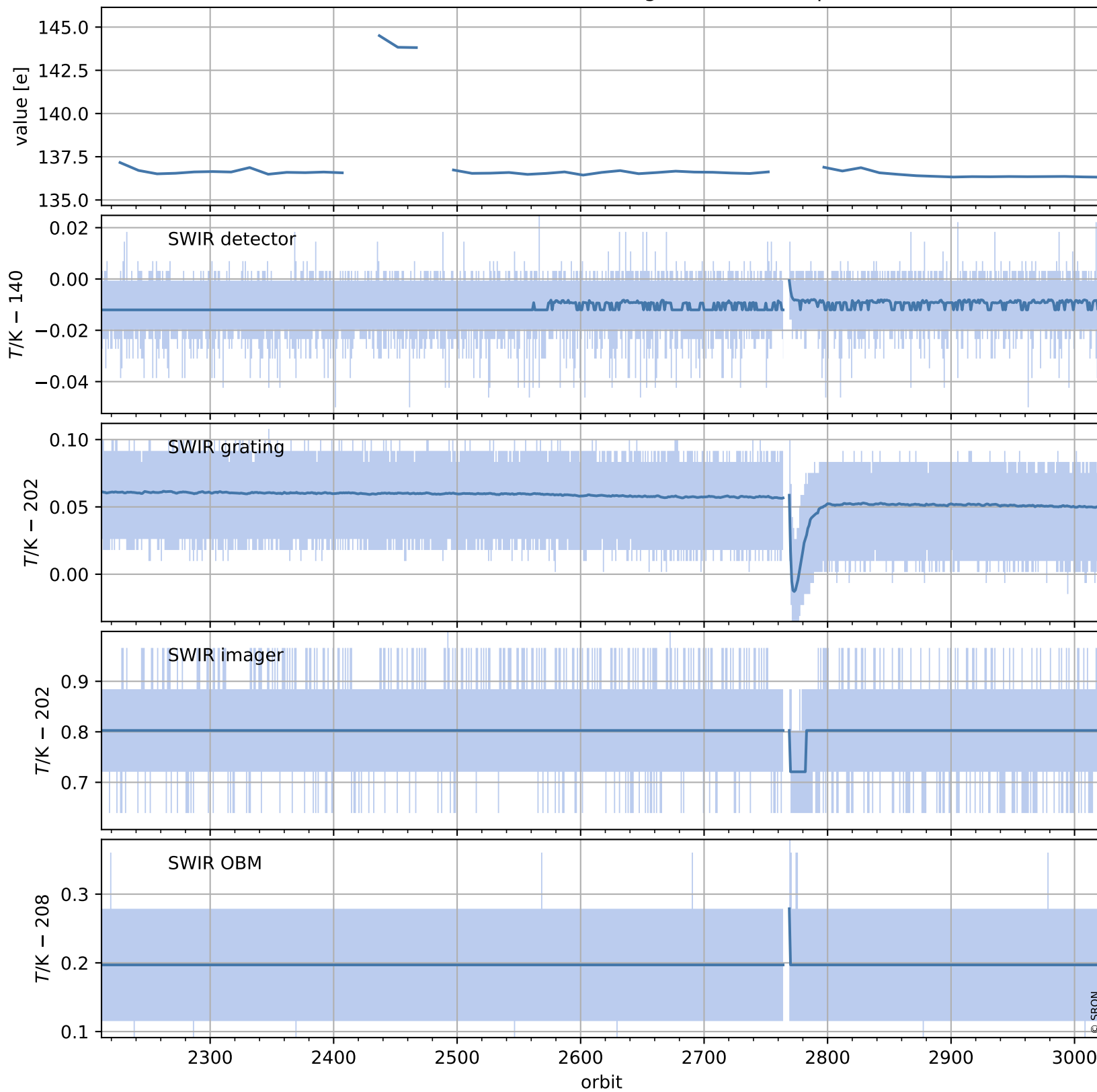
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3022]
coverage : 2018-03-18 / 2018-05-14
created : 2023-08-21T14:20:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3022]
coverage : 2018-03-18 / 2018-05-14
created : 2023-08-21T14:20:01

trend of normalized read-noise & temperatures

