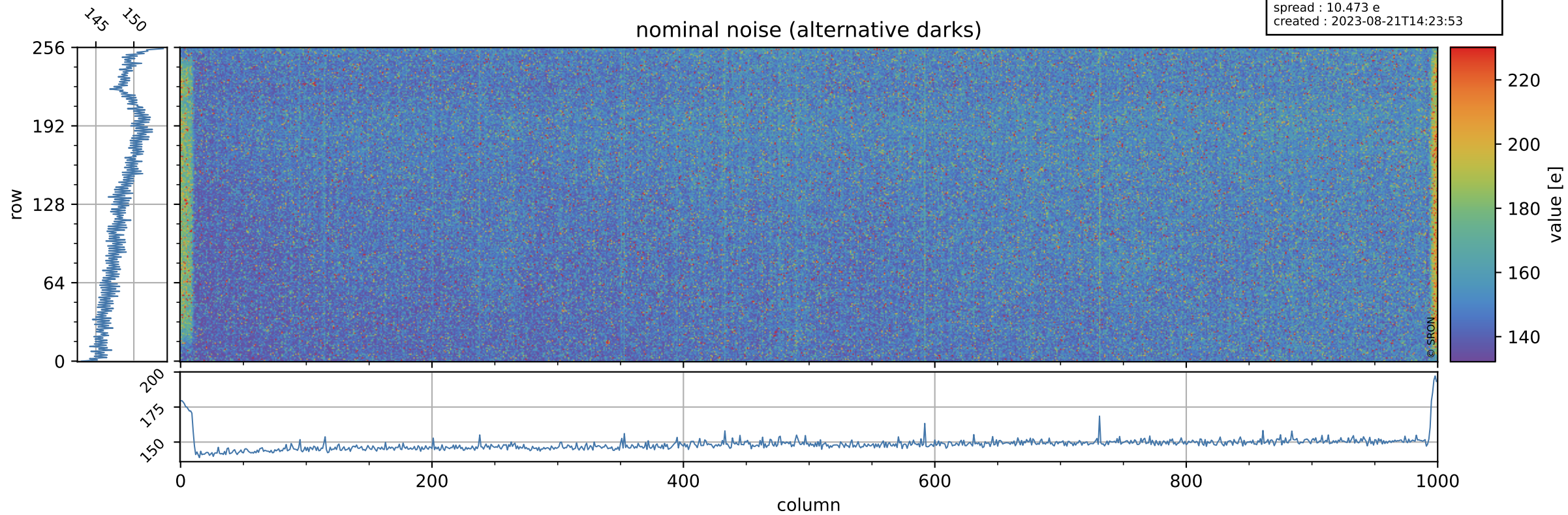


Tropomi SWIR background noise (swir)

orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.473 e
created : 2023-08-21T14:23:53

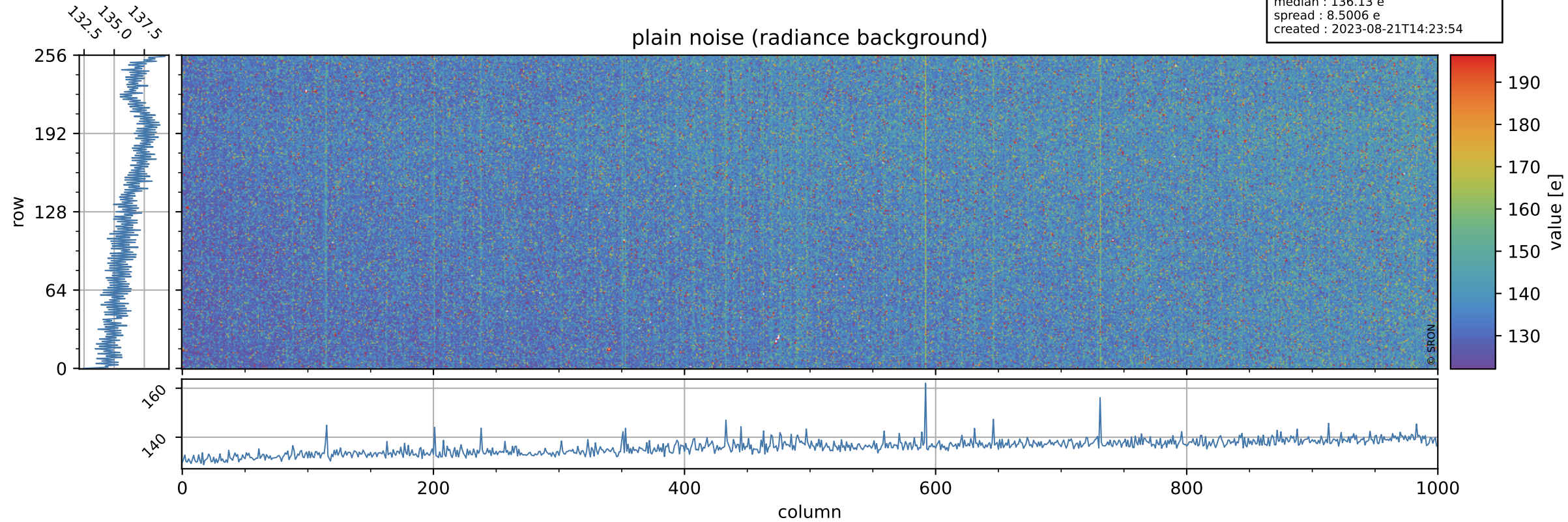
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.5006 e
created : 2023-08-21T14:23:54

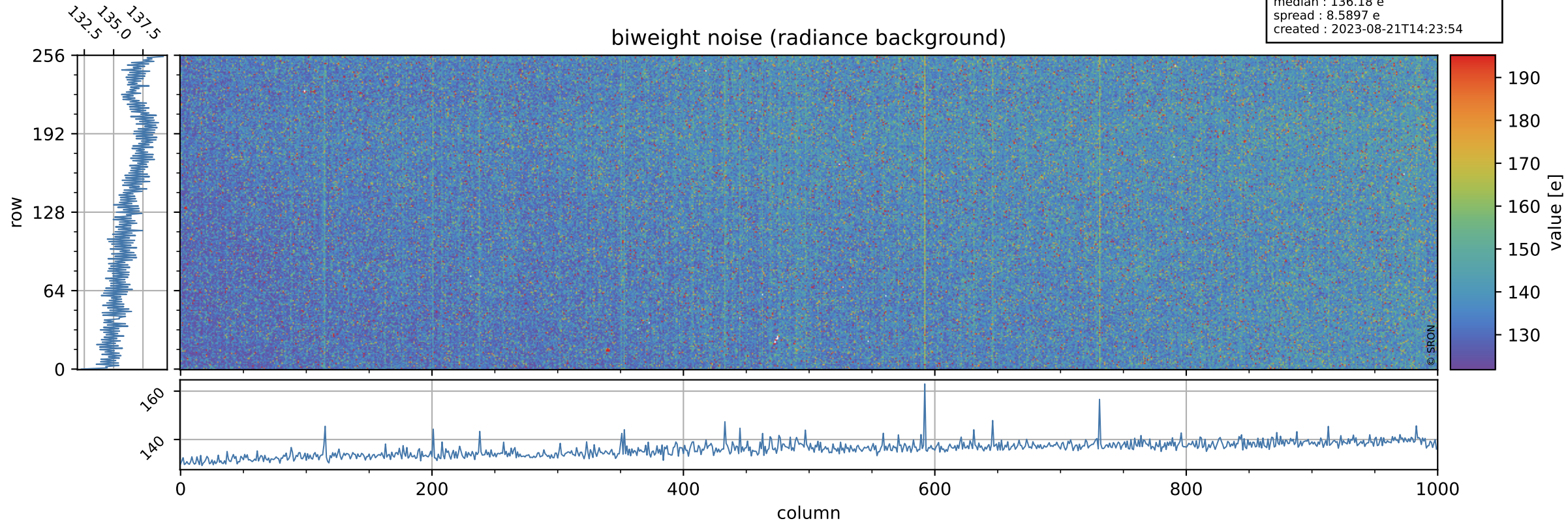
plain noise (radiance background)



Tropomi SWIR background noise (swir)

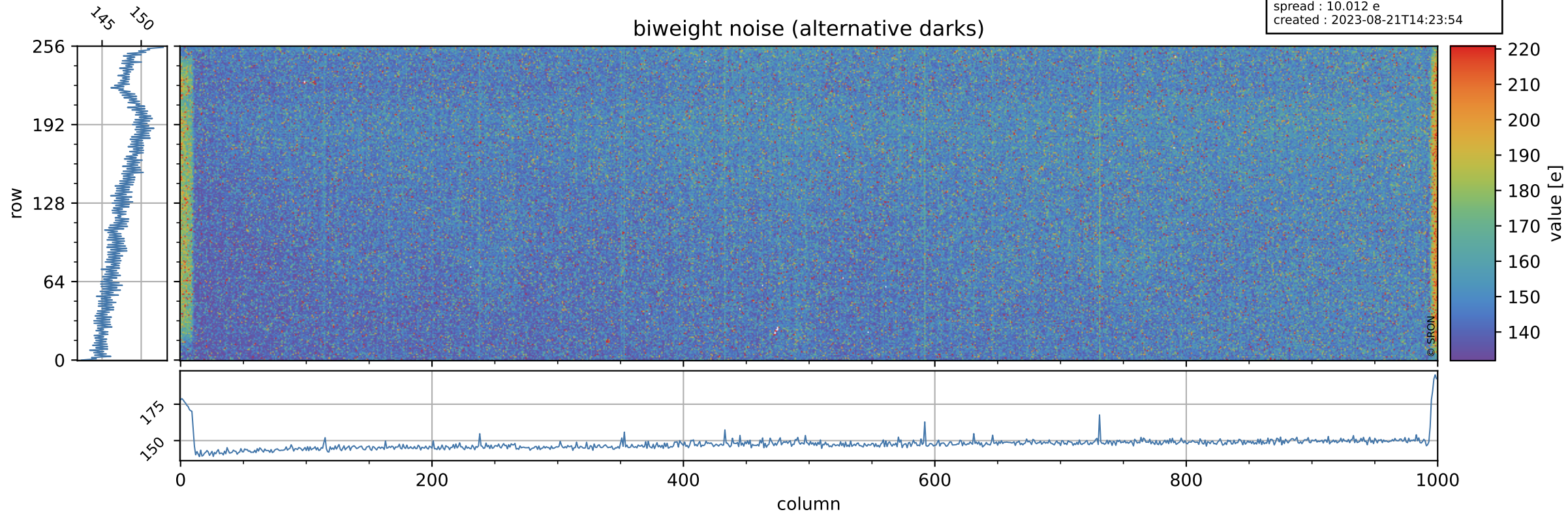
orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.5897 e
created : 2023-08-21T14:23:54

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

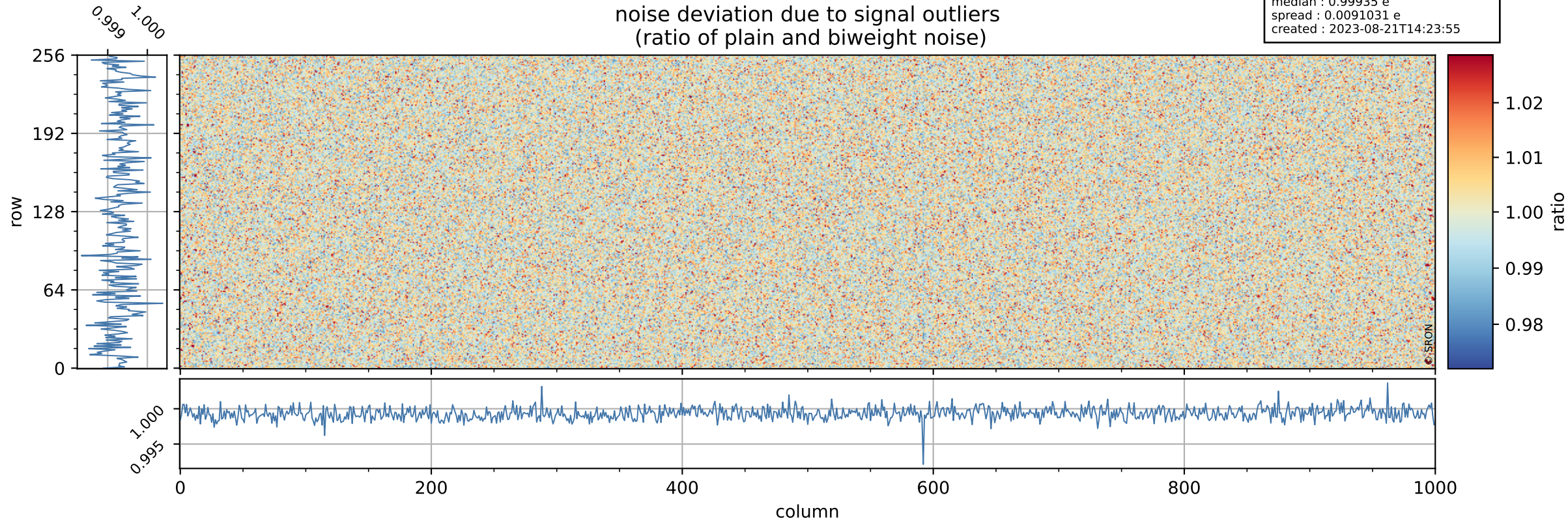
orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.012 e
created : 2023-08-21T14:23:54



Tropomi SWIR background noise (swir)

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

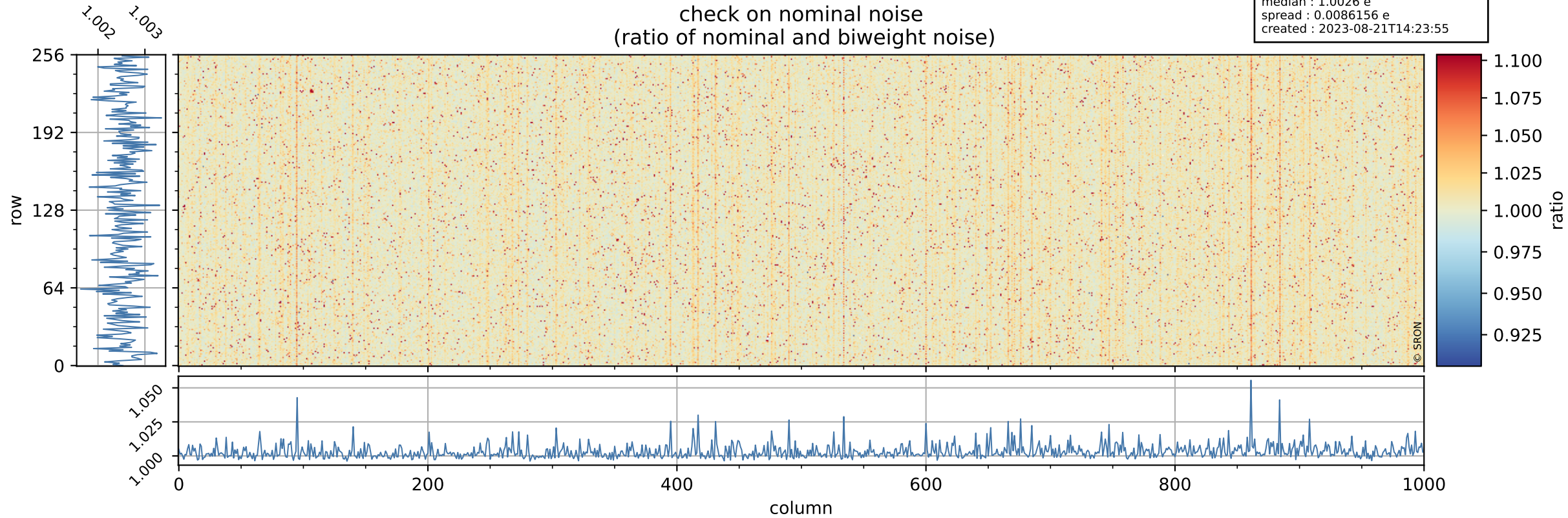
orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
median : 0.99935 e
spread : 0.0091031 e
created : 2023-08-21T14:23:55



Tropomi SWIR background noise (swir)

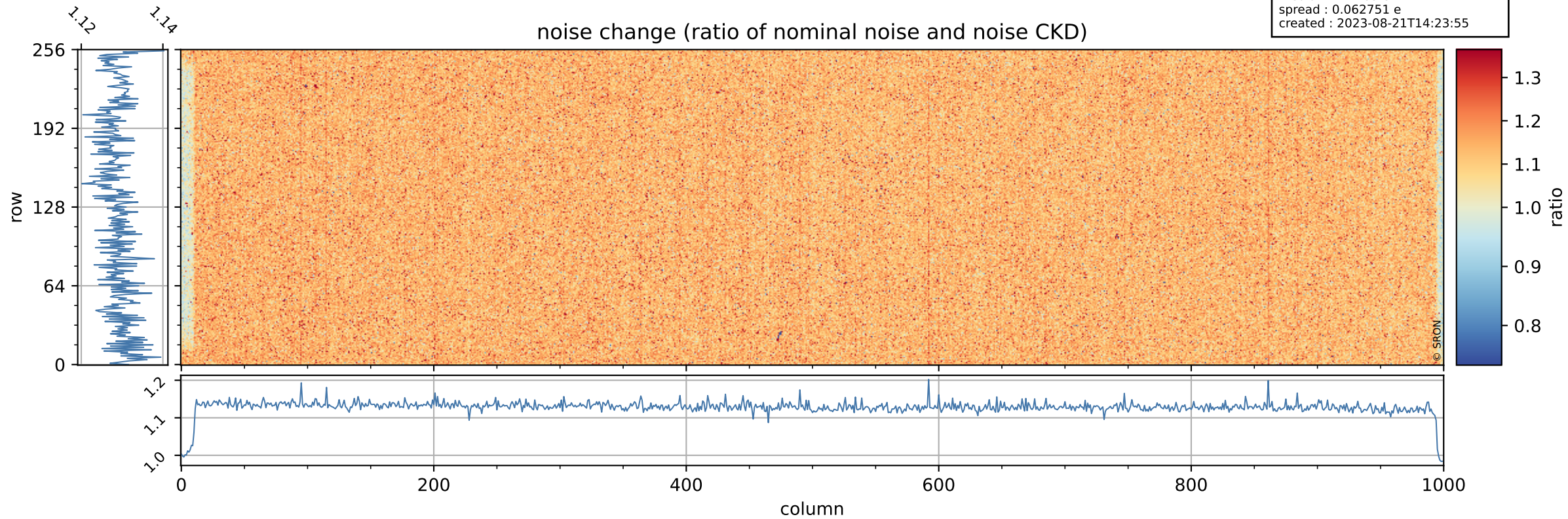
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
median : 1.0026 e
spread : 0.0086156 e
created : 2023-08-21T14:23:55



Tropomi SWIR background noise (swir)

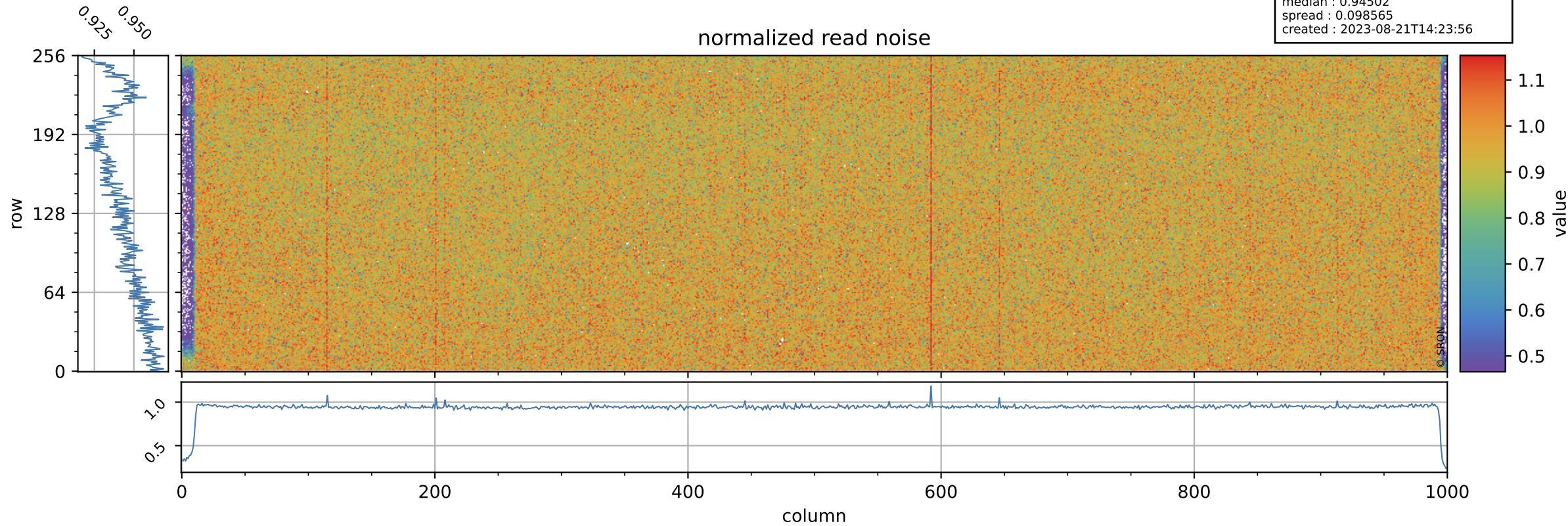
orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
median : 1.1285 e
spread : 0.062751 e
created : 2023-08-21T14:23:55



Tropomi SWIR background noise (swir)

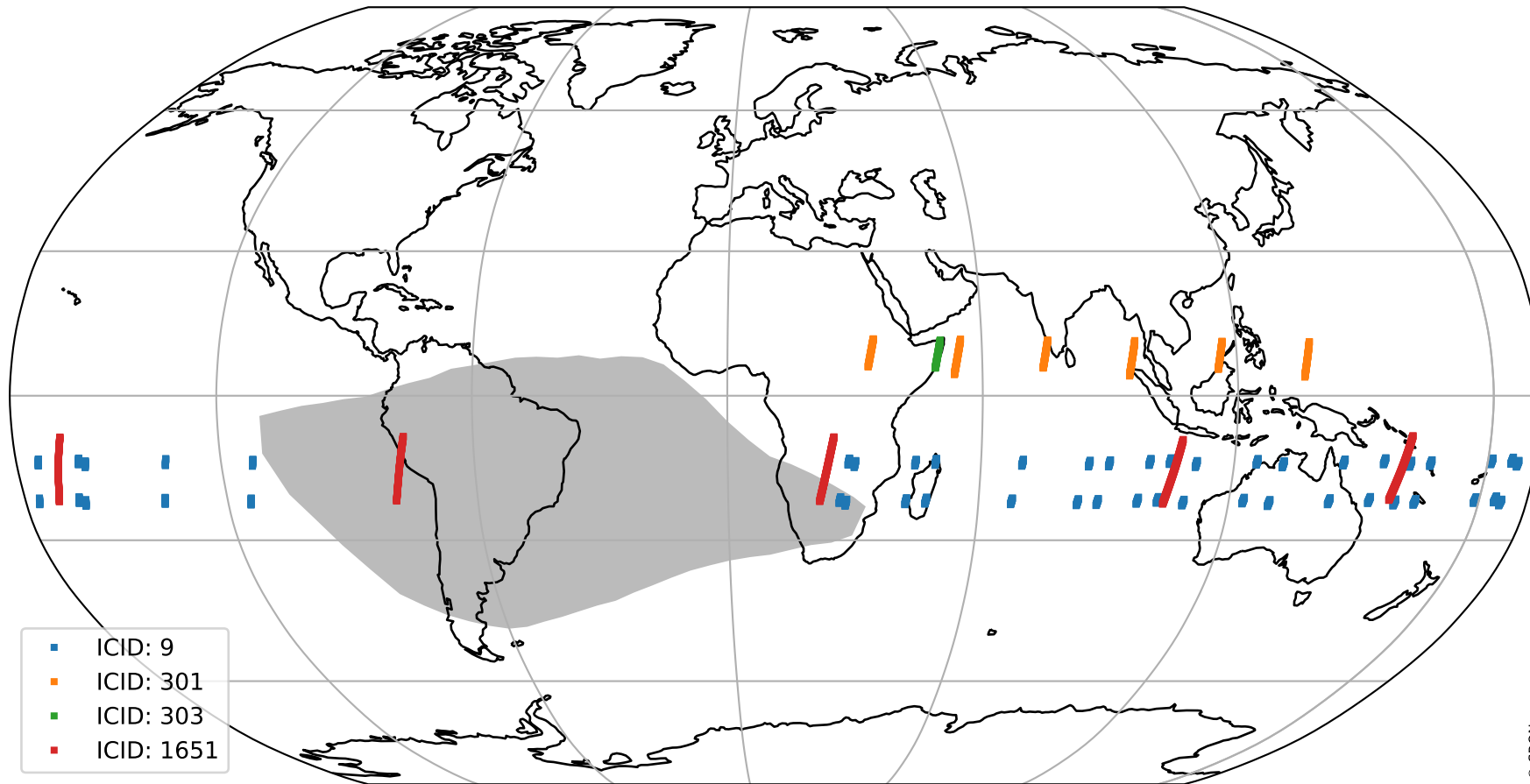
orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
median : 0.94502
spread : 0.098565
created : 2023-08-21T14:23:56

normalized read noise



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

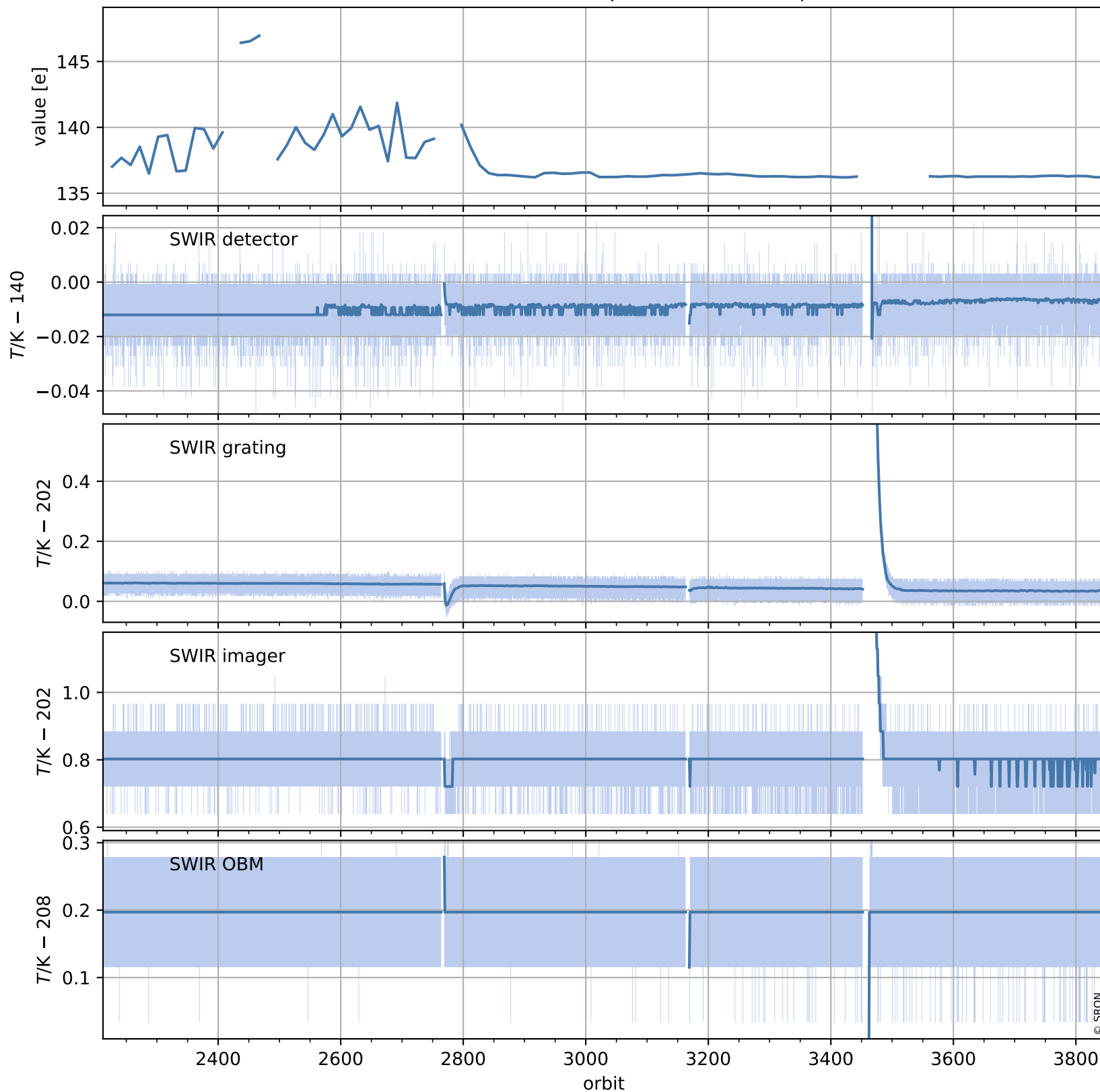
orbits : 12 in [3757, 3847]
coverage : 2018-07-05 / 2018-07-11
created : 2023-08-21T14:23:56



Tropomi SWIR background noise (swir)

orbits : [2212, 3847]
coverage : 2018-03-18 / 2018-07-11
created : 2023-08-21T14:23:56

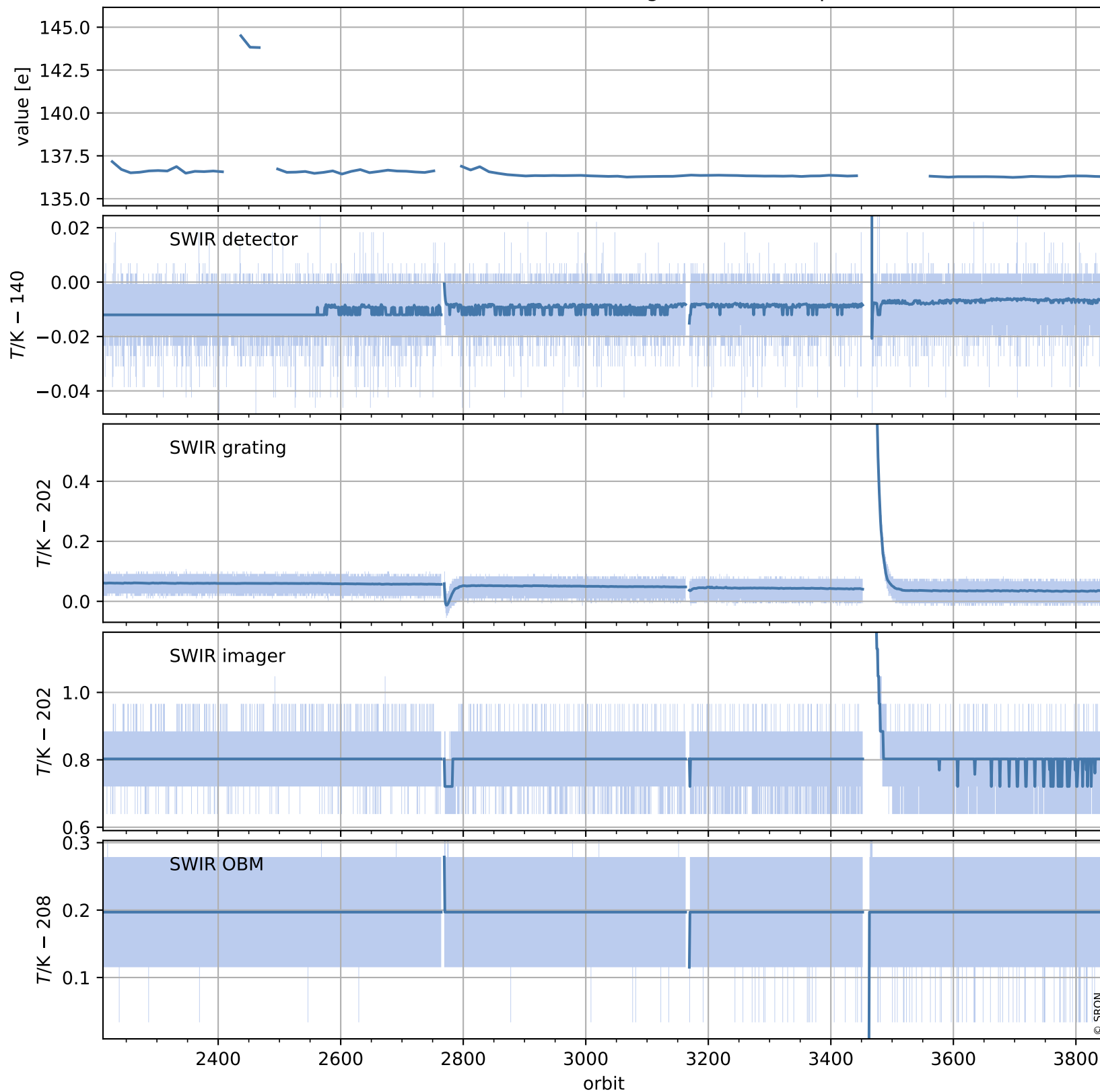
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3847]
coverage : 2018-03-18 / 2018-07-11
created : 2023-08-21T14:23:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3847]
coverage : 2018-03-18 / 2018-07-11
created : 2023-08-21T14:23:57

trend of normalized read-noise & temperatures

