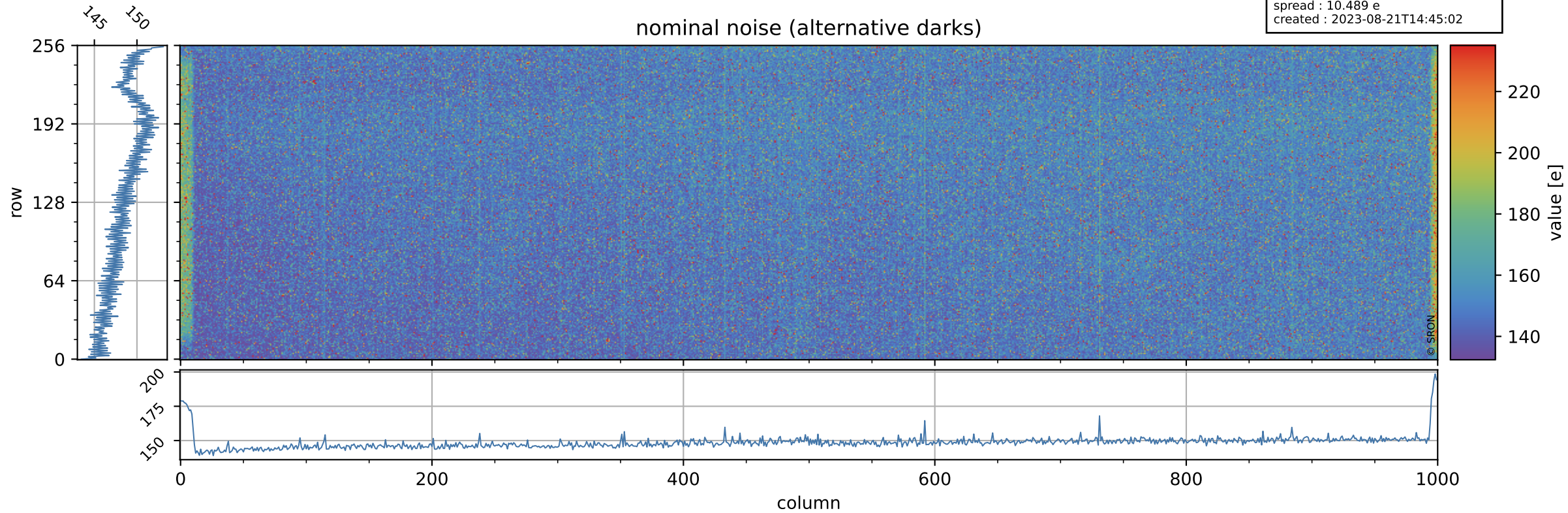


Tropomi SWIR background noise (swir)

orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.489 e
created : 2023-08-21T14:45:02

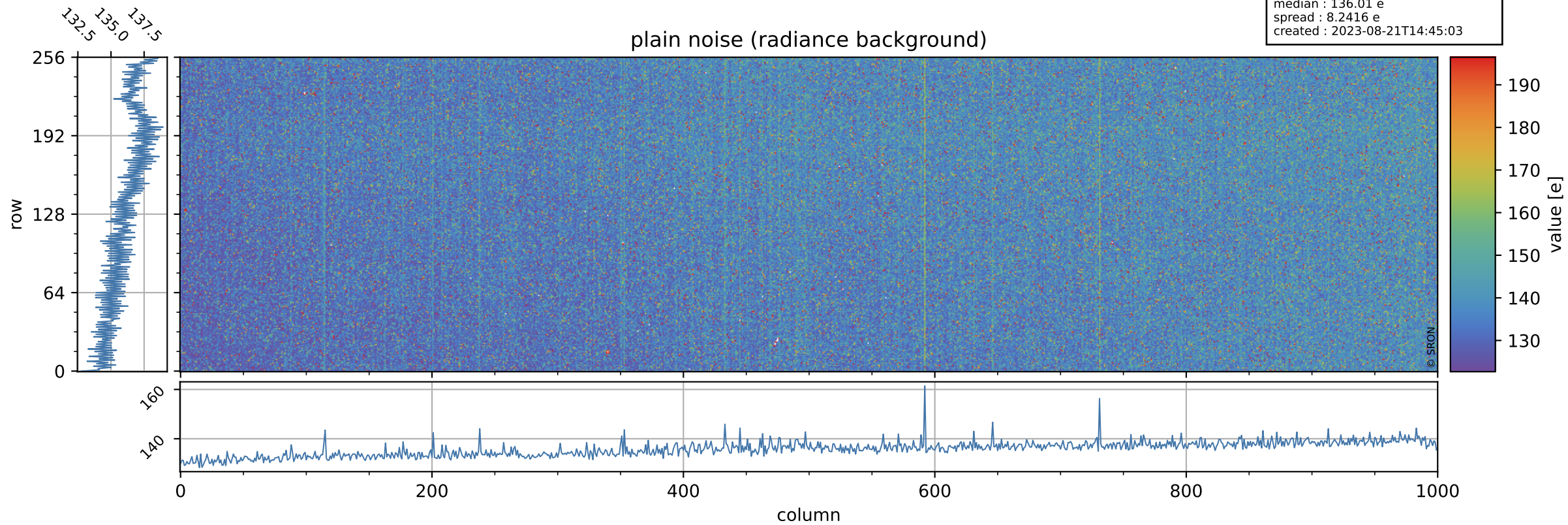
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2416 e
created : 2023-08-21T14:45:03

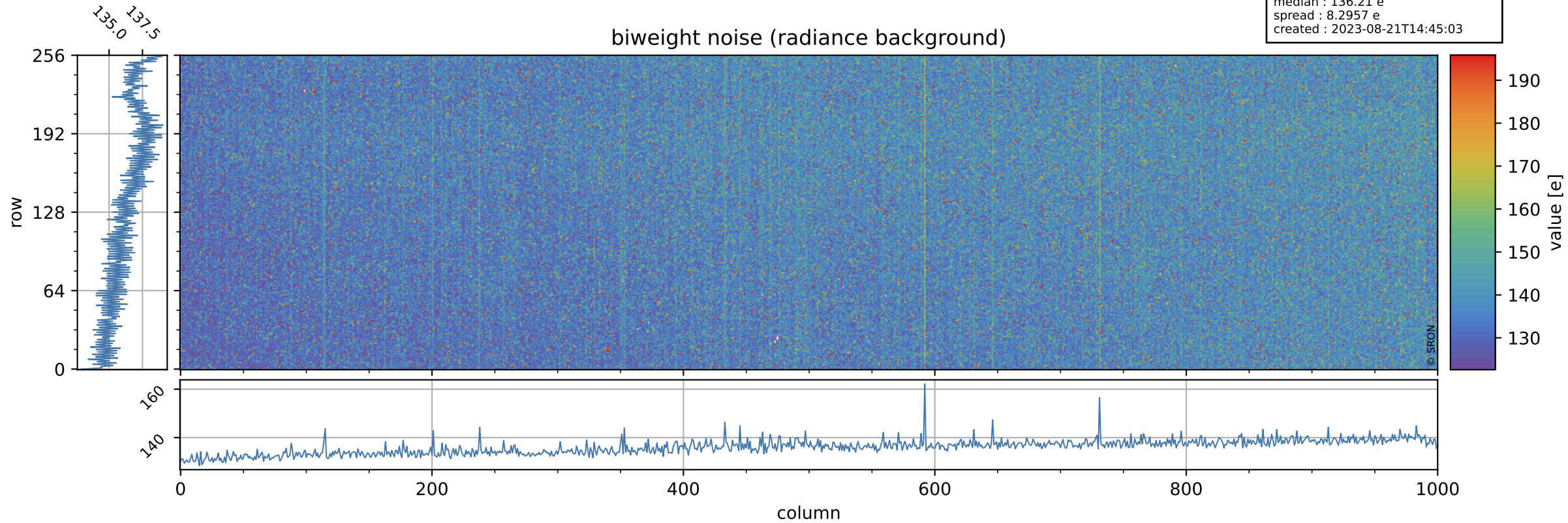
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.2957 e
created : 2023-08-21T14:45:03

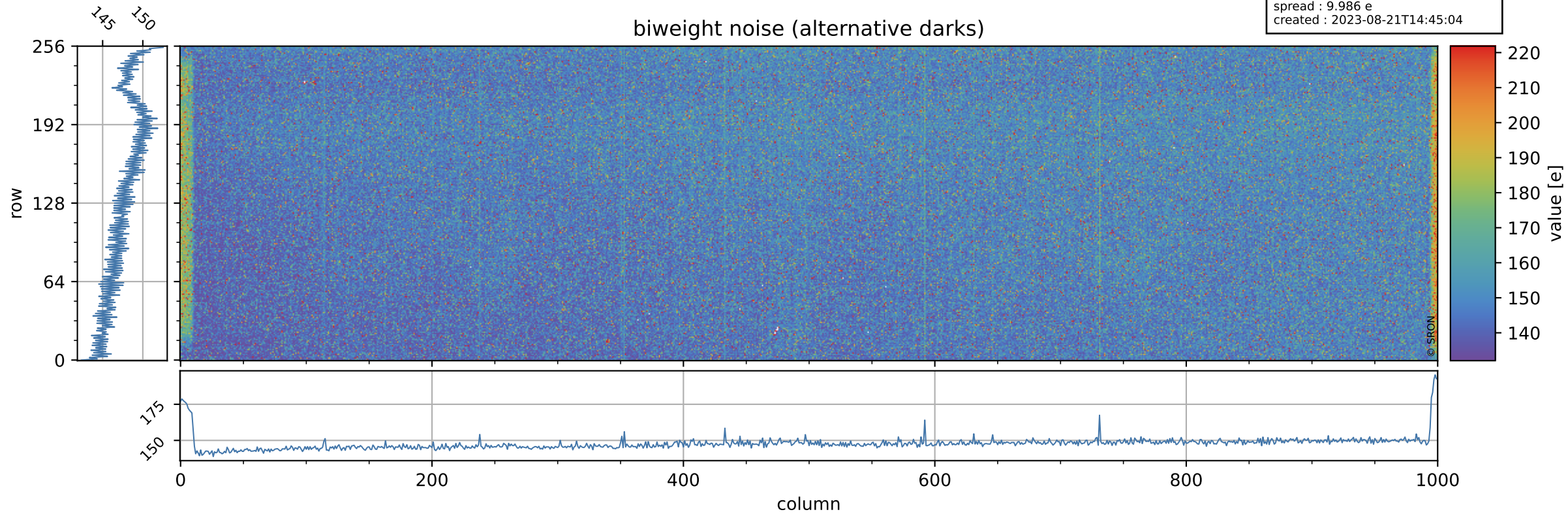
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.986 e
created : 2023-08-21T14:45:04

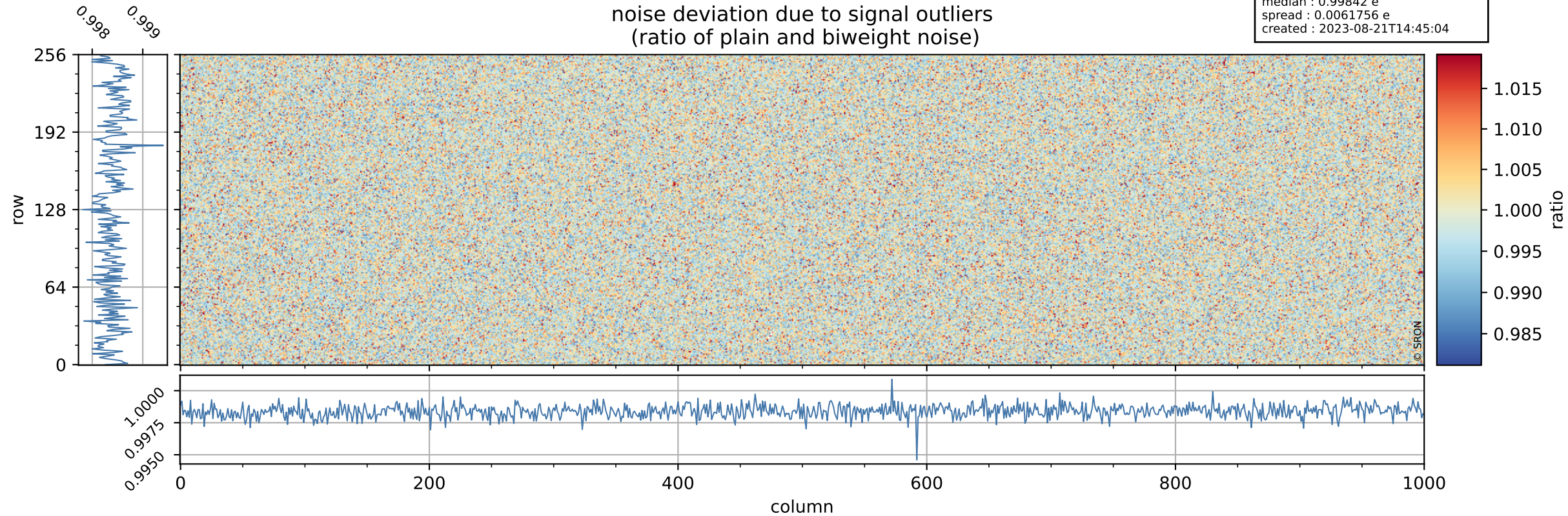
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

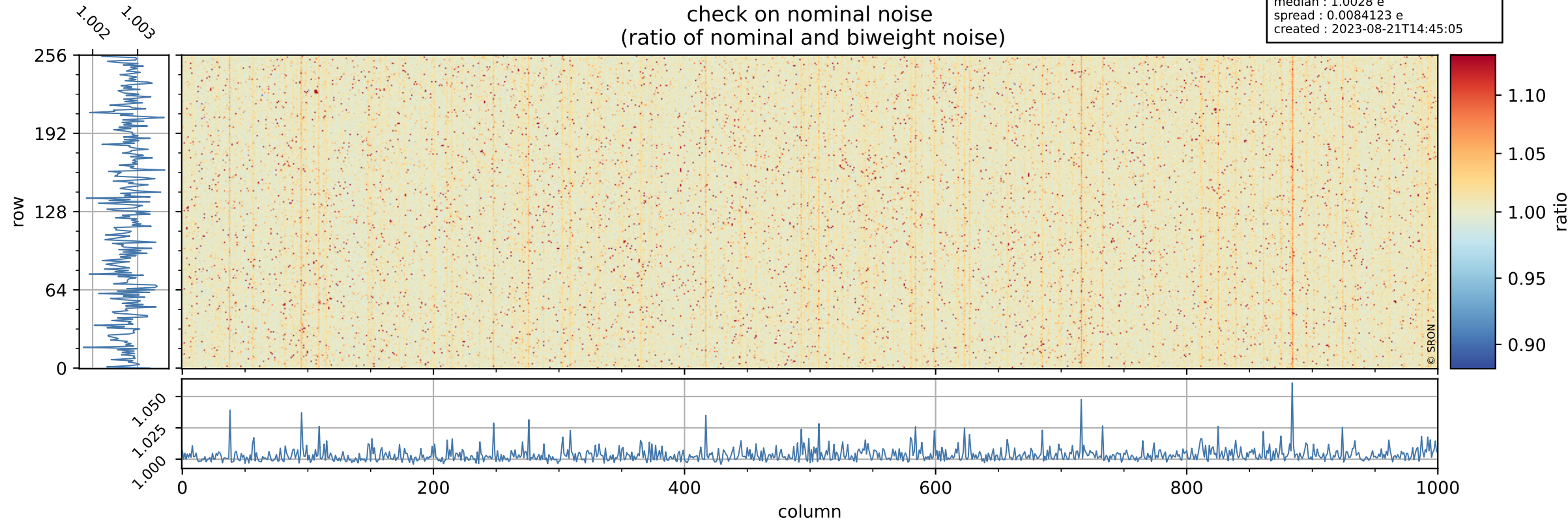
orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
median : 0.99842 e
spread : 0.0061756 e
created : 2023-08-21T14:45:04



Tropomi SWIR background noise (swir)

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

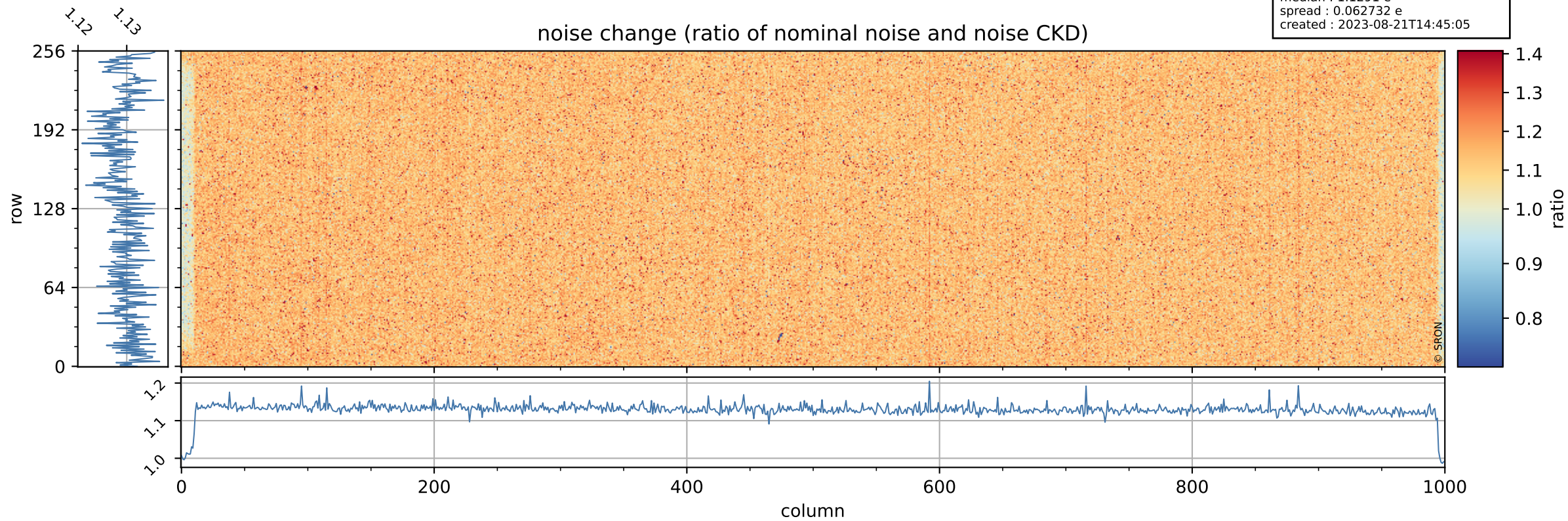
orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
median : 1.0028 e
spread : 0.0084123 e
created : 2023-08-21T14:45:05



Tropomi SWIR background noise (swir)

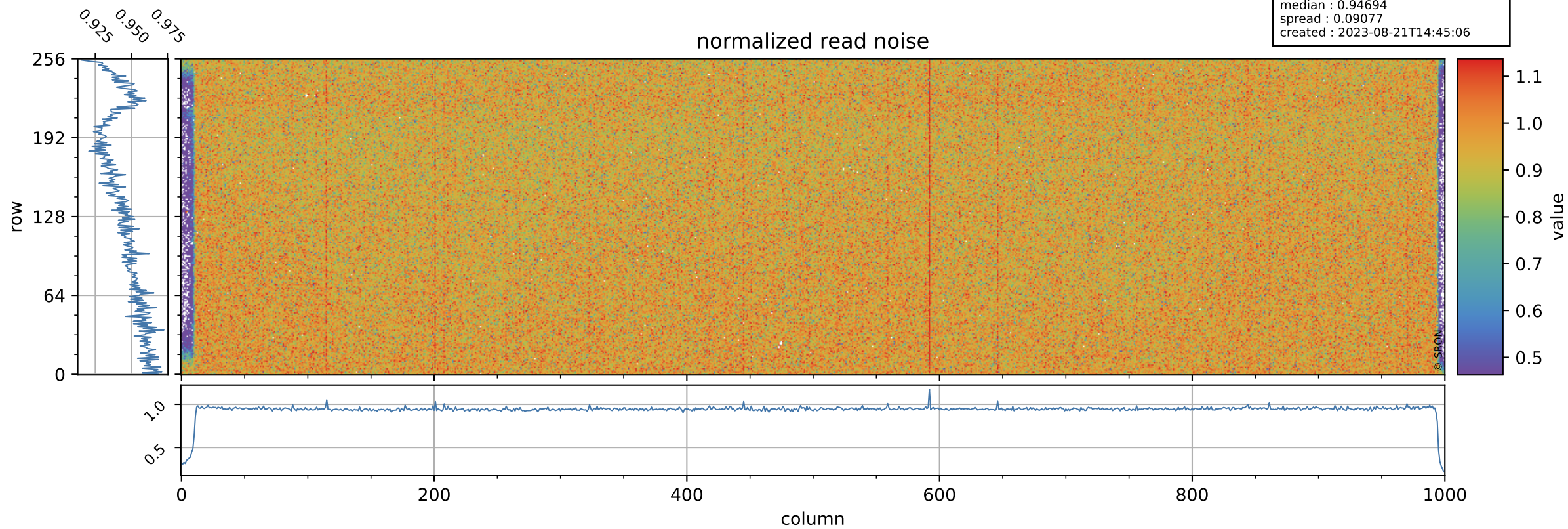
orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
median : 1.1291 e
spread : 0.062732 e
created : 2023-08-21T14:45:05

noise change (ratio of nominal noise and noise CKD)



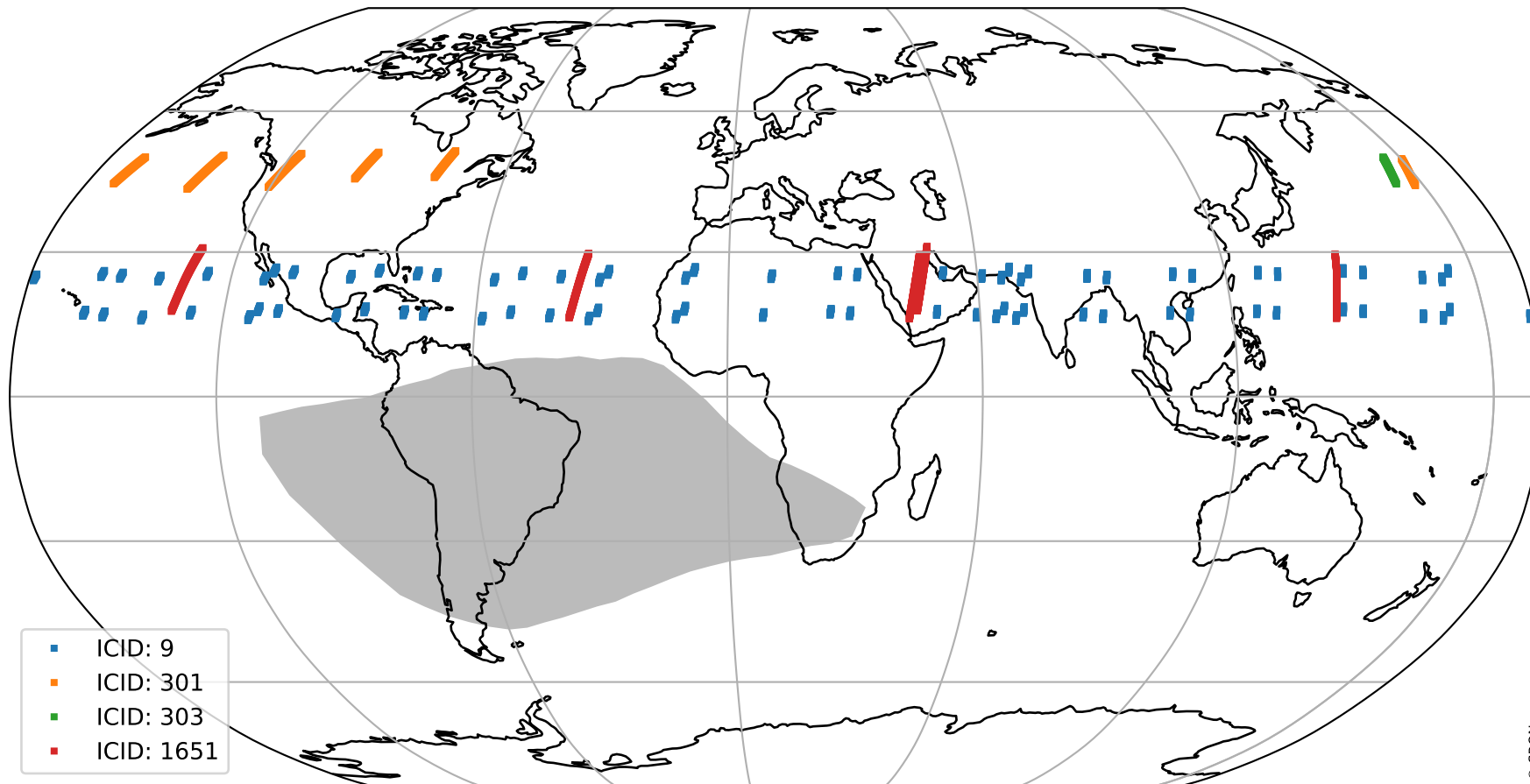
Tropomi SWIR background noise (swir)

orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
median : 0.94694
spread : 0.09077
created : 2023-08-21T14:45:06



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

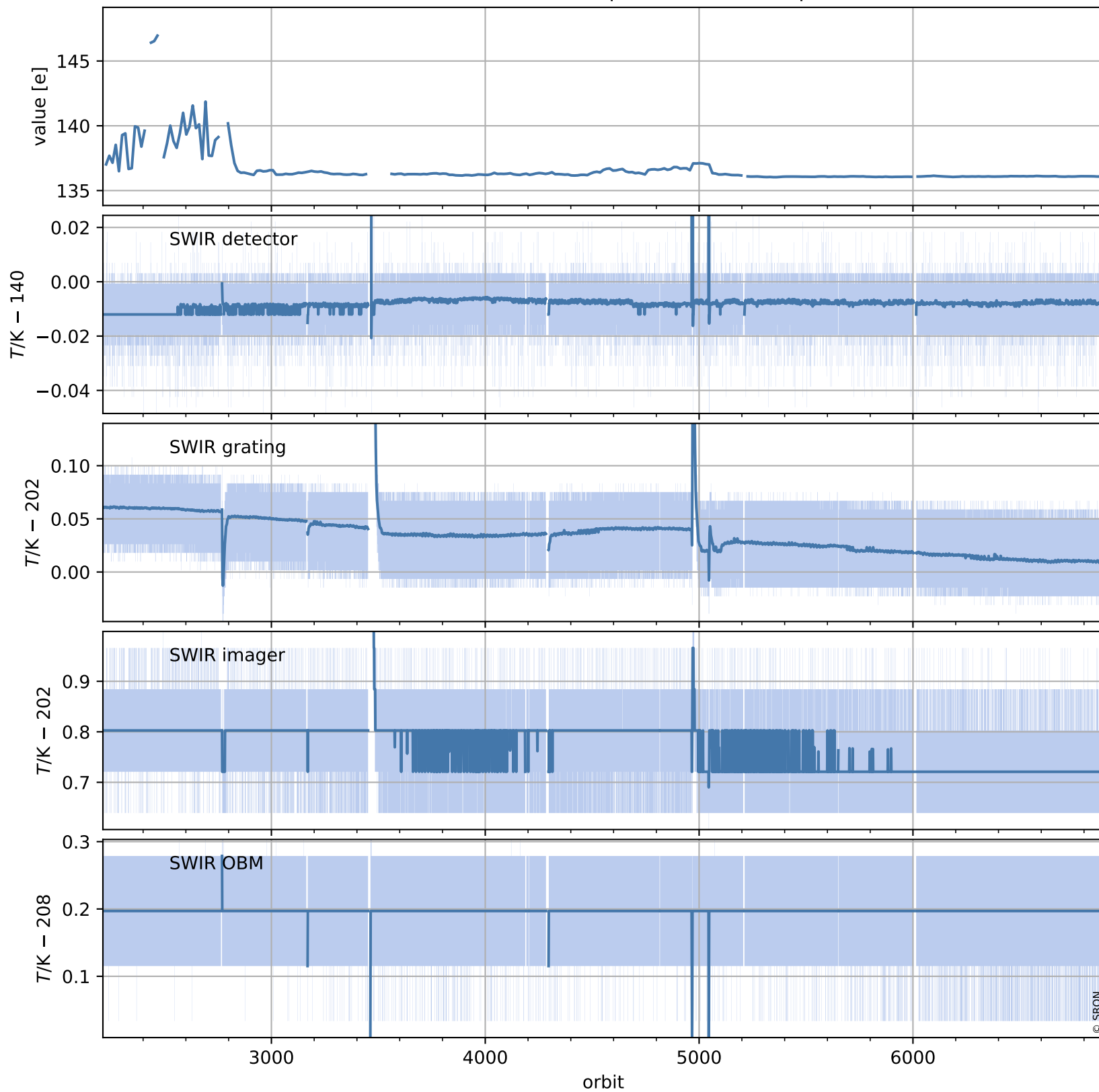
orbits : 12 in [6802, 6892]
coverage : 2019-02-05 / 2019-02-10
created : 2023-08-21T14:45:06



Tropomi SWIR background noise (swir)

orbits : [2212, 6892]
coverage : 2018-03-18 / 2019-02-10
created : 2023-08-21T14:45:07

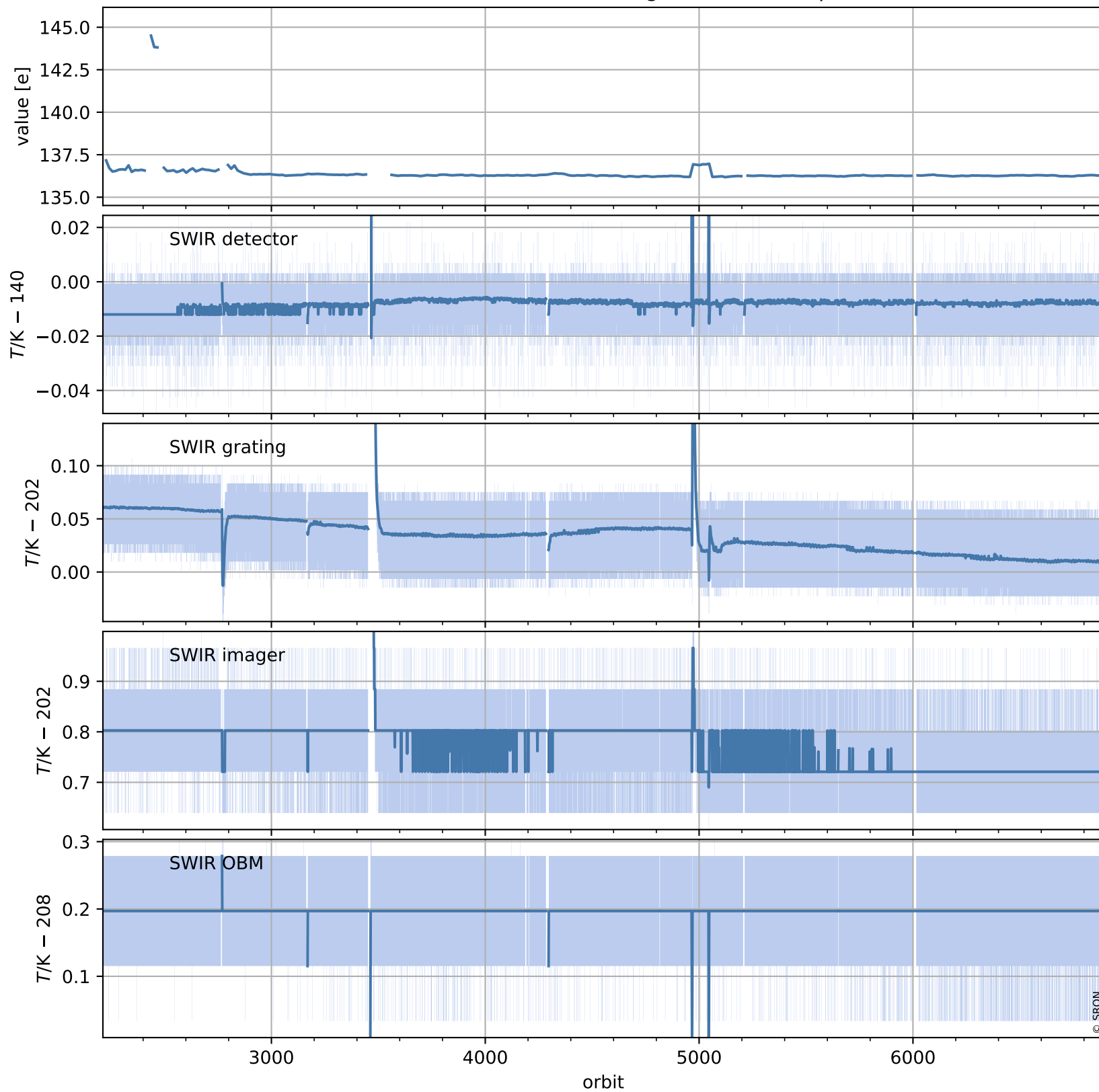
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6892]
coverage : 2018-03-18 / 2019-02-10
created : 2023-08-21T14:45:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6892]
coverage : 2018-03-18 / 2019-02-10
created : 2023-08-21T14:45:08

trend of normalized read-noise & temperatures

