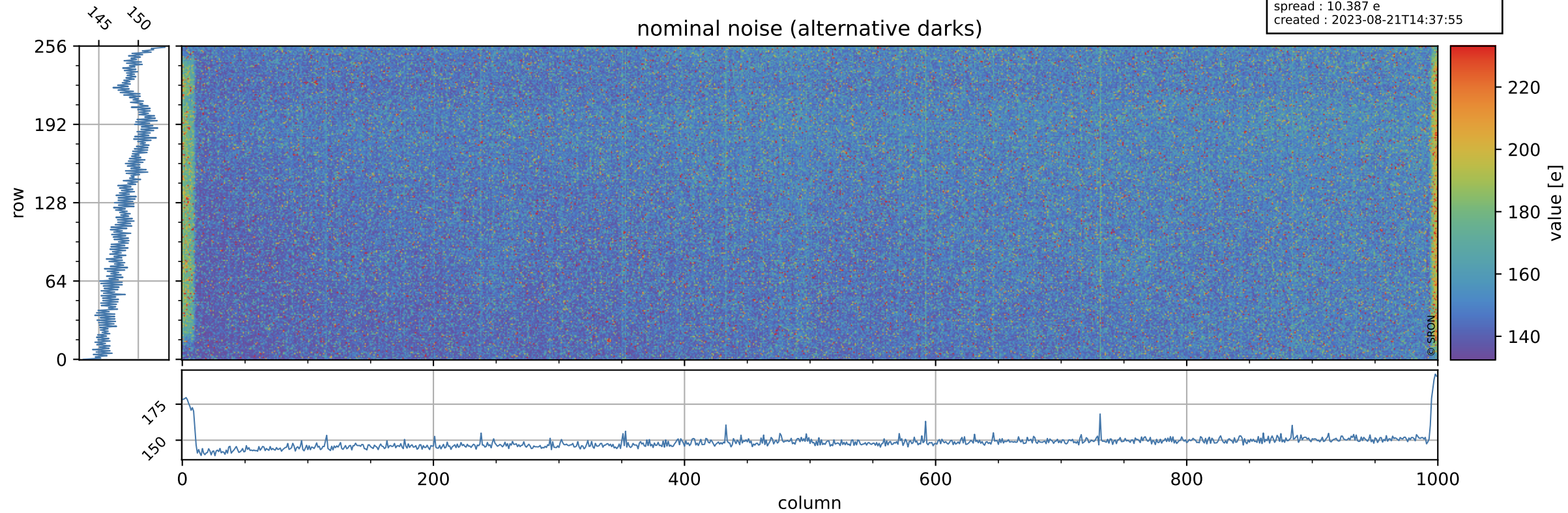


Tropomi SWIR background noise (swir)

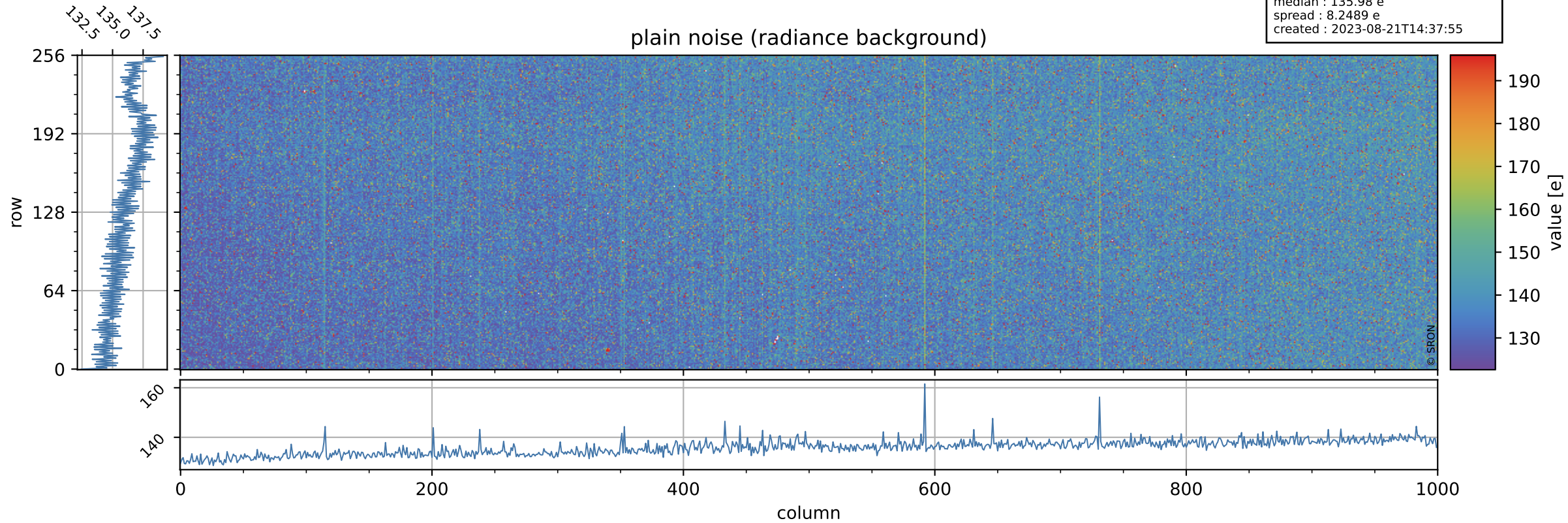
orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.387 e
created : 2023-08-21T14:37:55



Tropomi SWIR background noise (swir)

orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2489 e
created : 2023-08-21T14:37:55

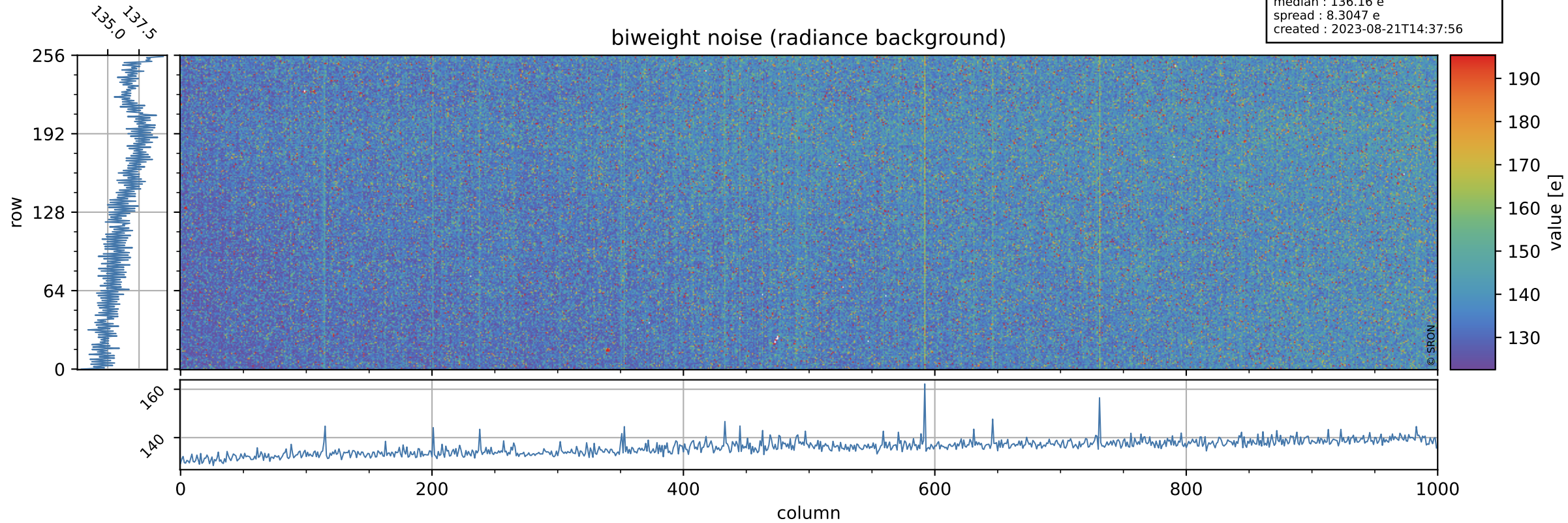
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.3047 e
created : 2023-08-21T14:37:56

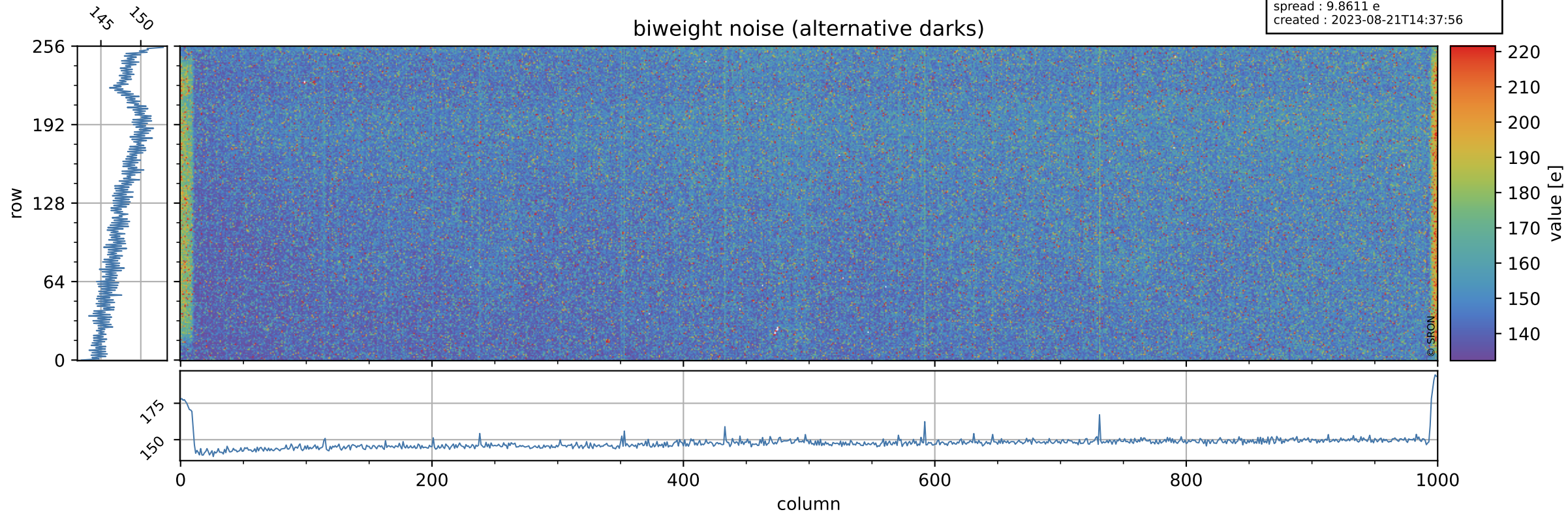
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8611 e
created : 2023-08-21T14:37:56

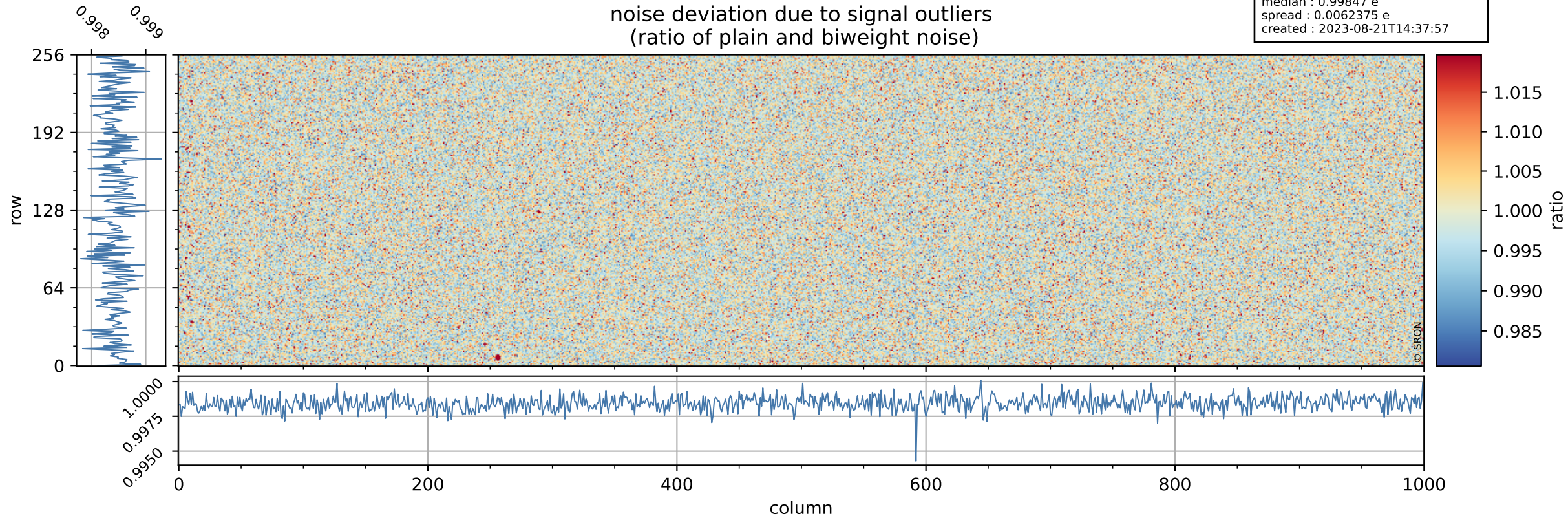
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

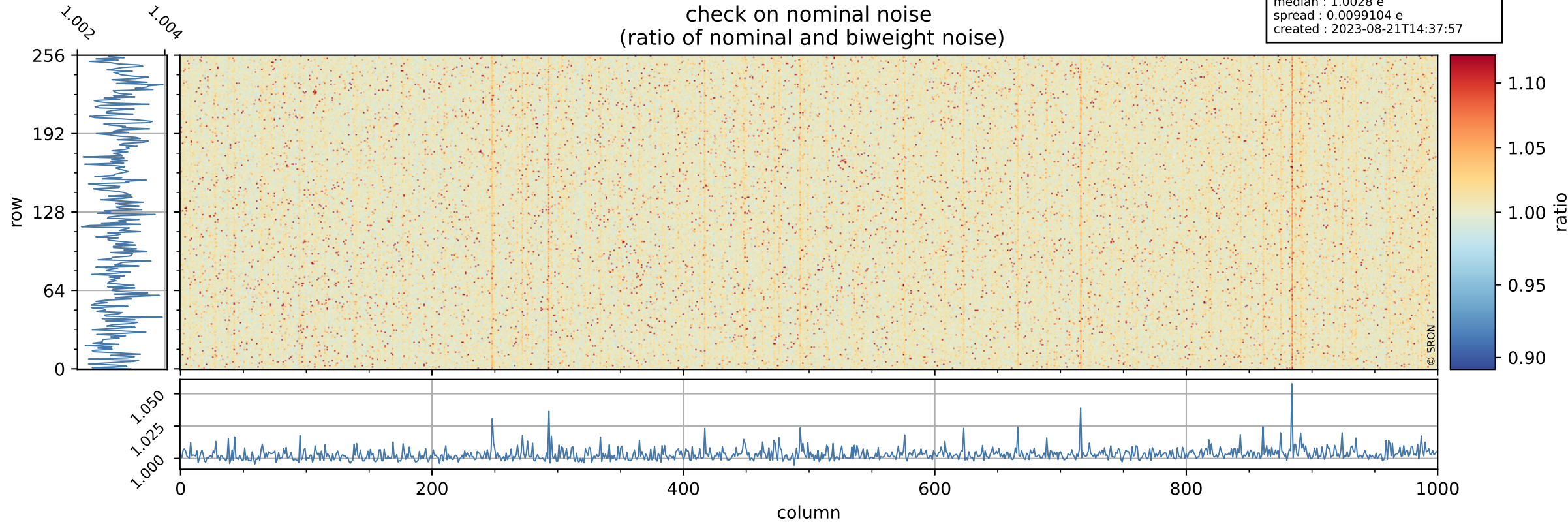
orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
median : 0.99847 e
spread : 0.0062375 e
created : 2023-08-21T14:37:57



Tropomi SWIR background noise (swir)

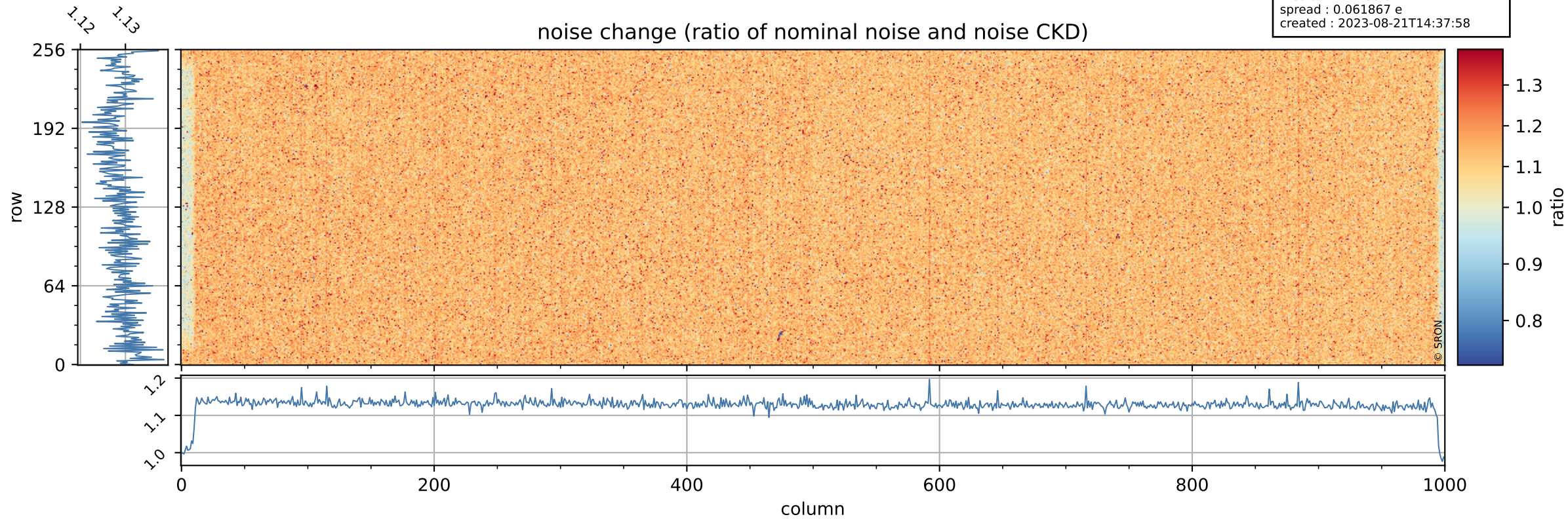
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
median : 1.0028 e
spread : 0.0099104 e
created : 2023-08-21T14:37:57



Tropomi SWIR background noise (swir)

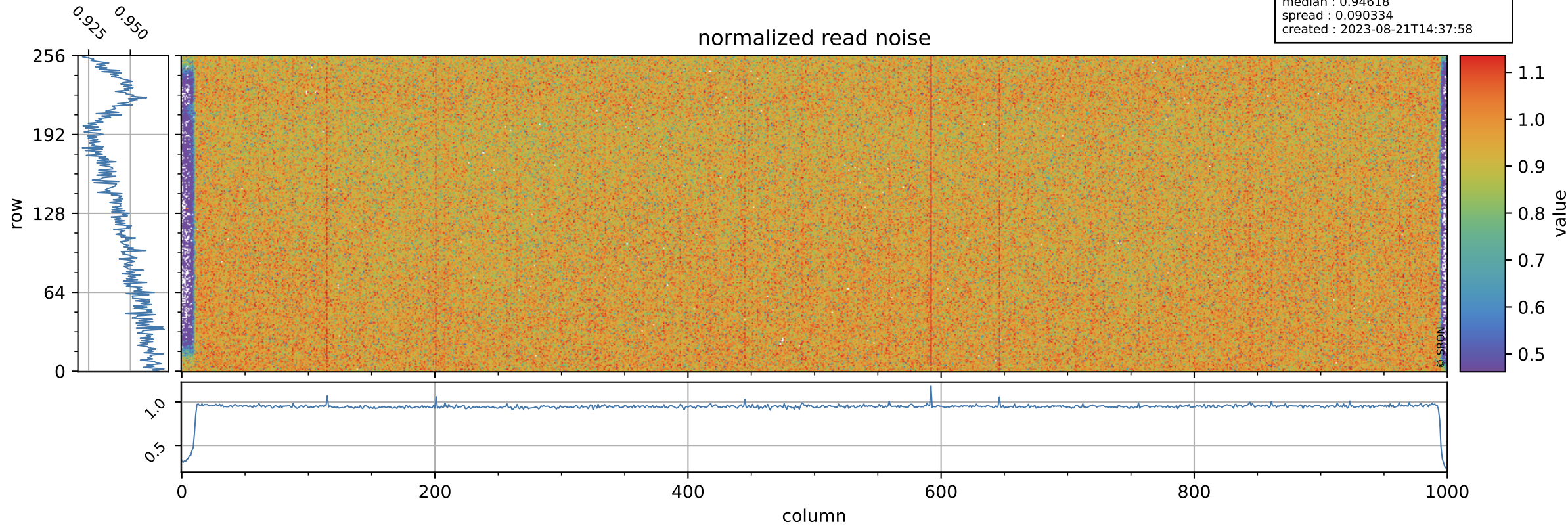
orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
median : 1.1286 e
spread : 0.061867 e
created : 2023-08-21T14:37:58



Tropomi SWIR background noise (swir)

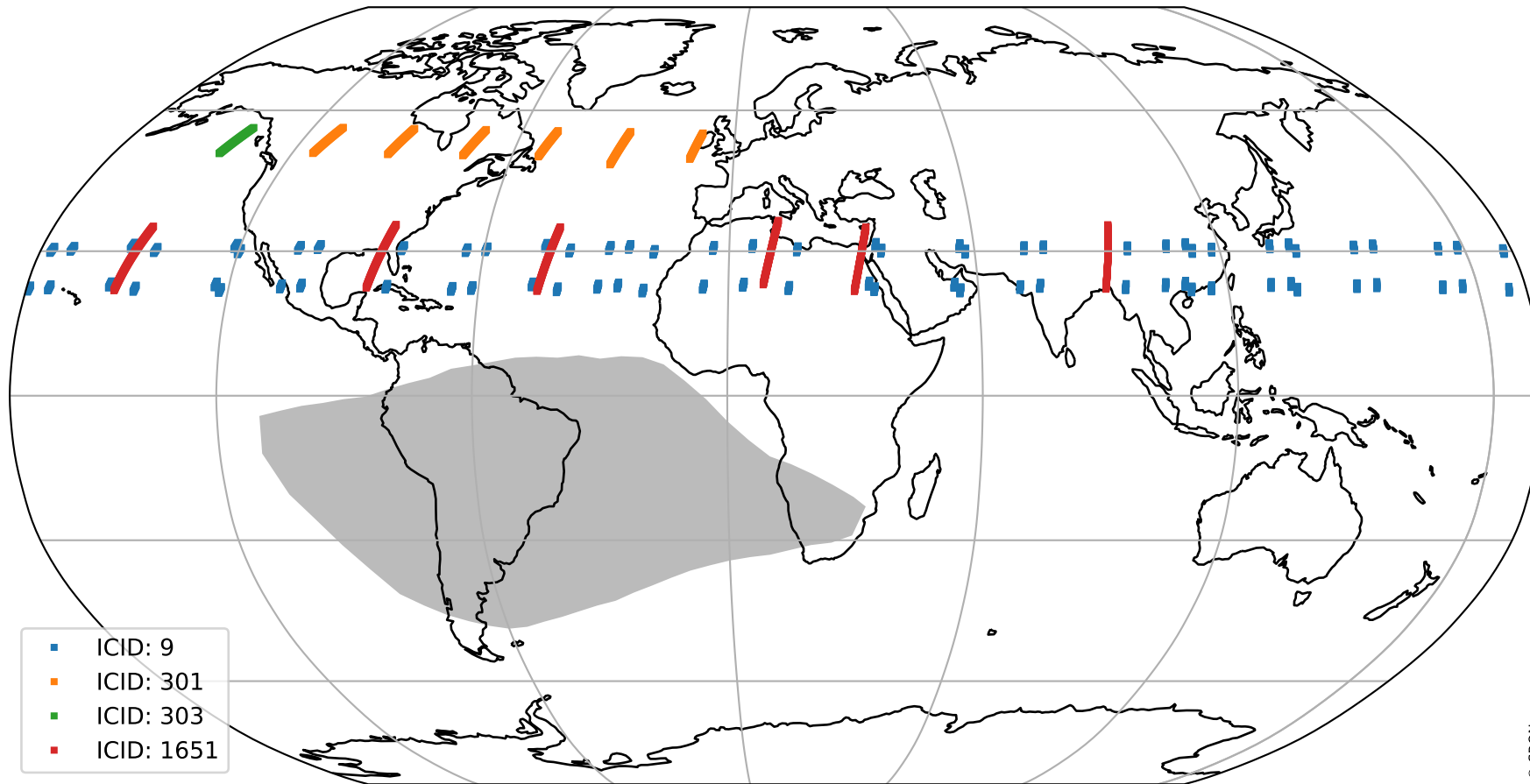
orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
median : 0.94618
spread : 0.090334
created : 2023-08-21T14:37:58

normalized read noise



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

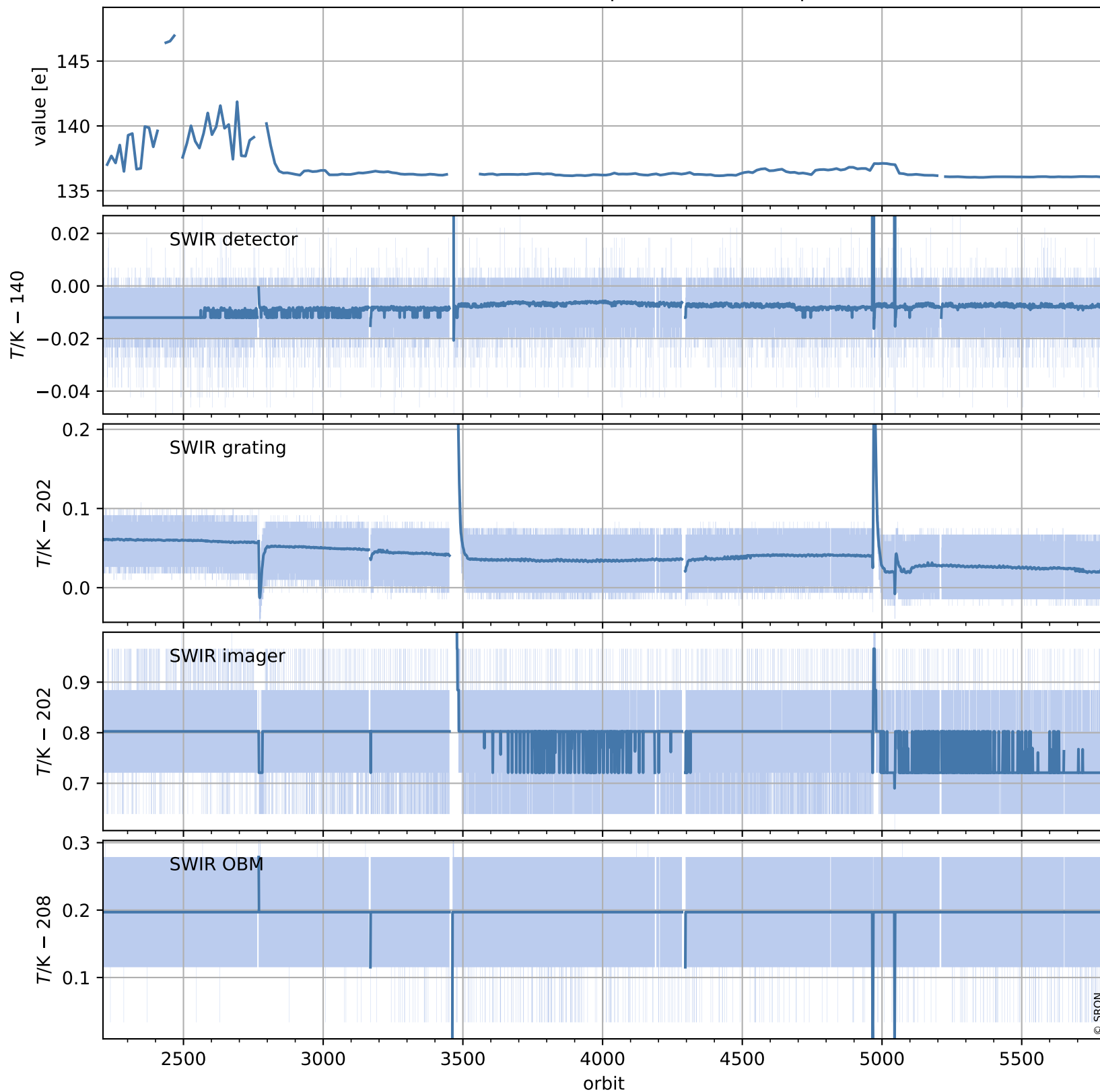
orbits : 13 in [5707, 5797]
coverage : 2018-11-19 / 2018-11-26
created : 2023-08-21T14:37:58



Tropomi SWIR background noise (swir)

orbits : [2212, 5797]
coverage : 2018-03-18 / 2018-11-26
created : 2023-08-21T14:37:59

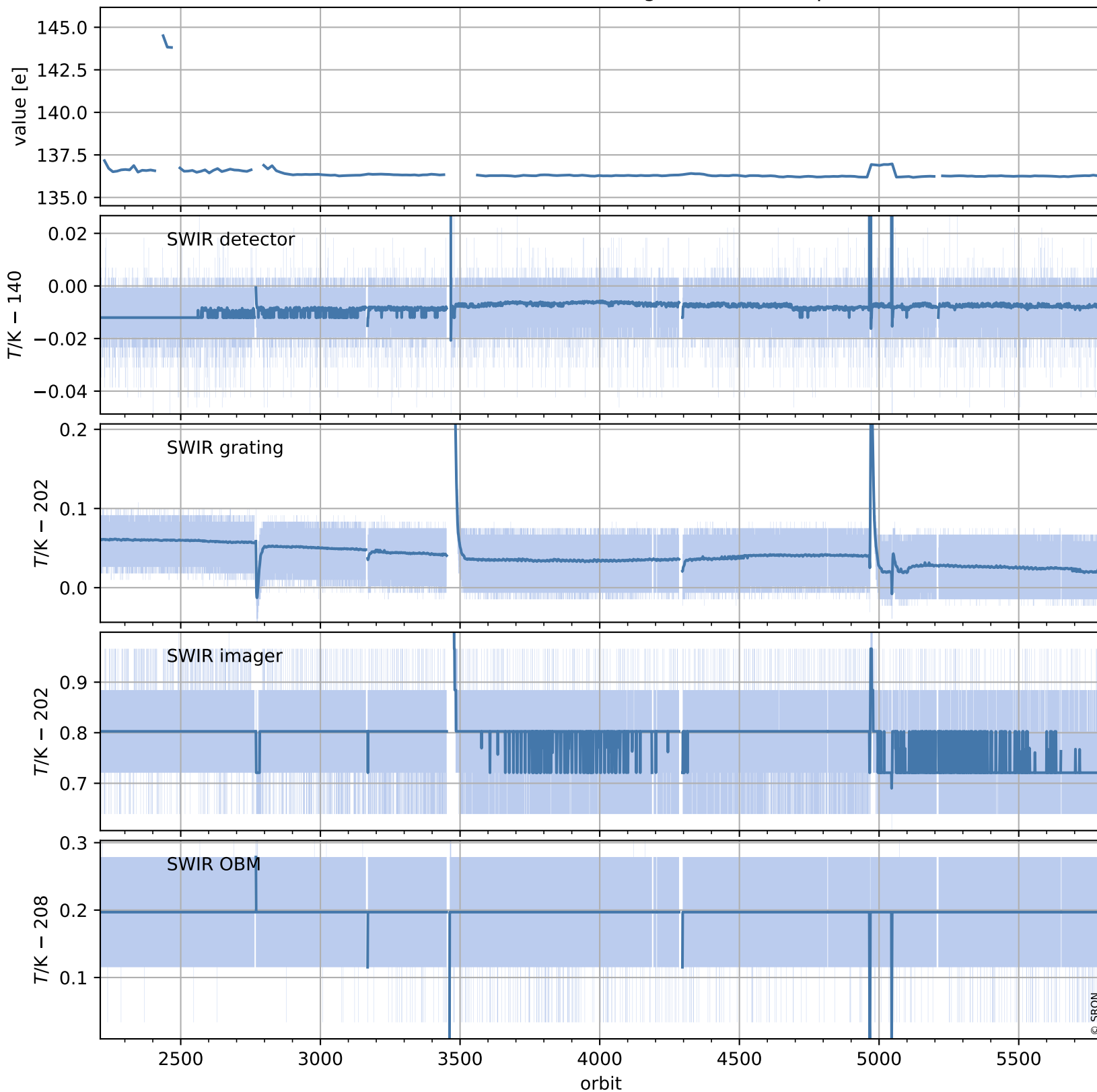
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5797]
coverage : 2018-03-18 / 2018-11-26
created : 2023-08-21T14:38:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5797]
coverage : 2018-03-18 / 2018-11-26
created : 2023-08-21T14:38:00

trend of normalized read-noise & temperatures

