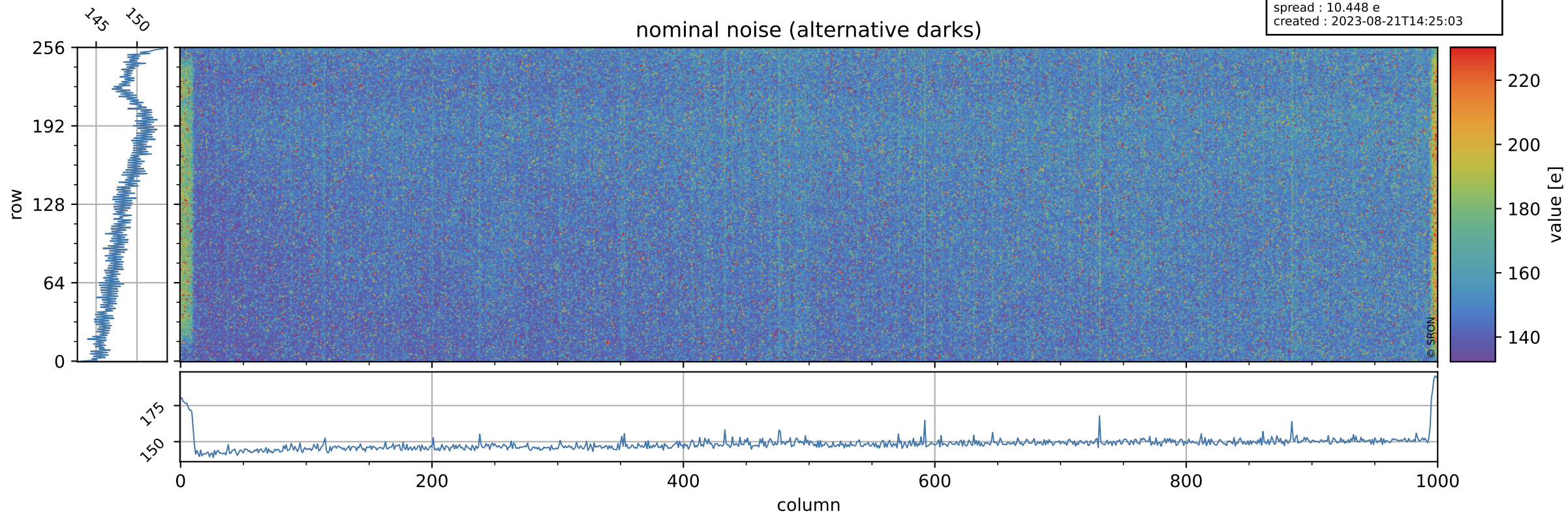


Tropomi SWIR background noise (swir)

orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.448 e
created : 2023-08-21T14:25:03

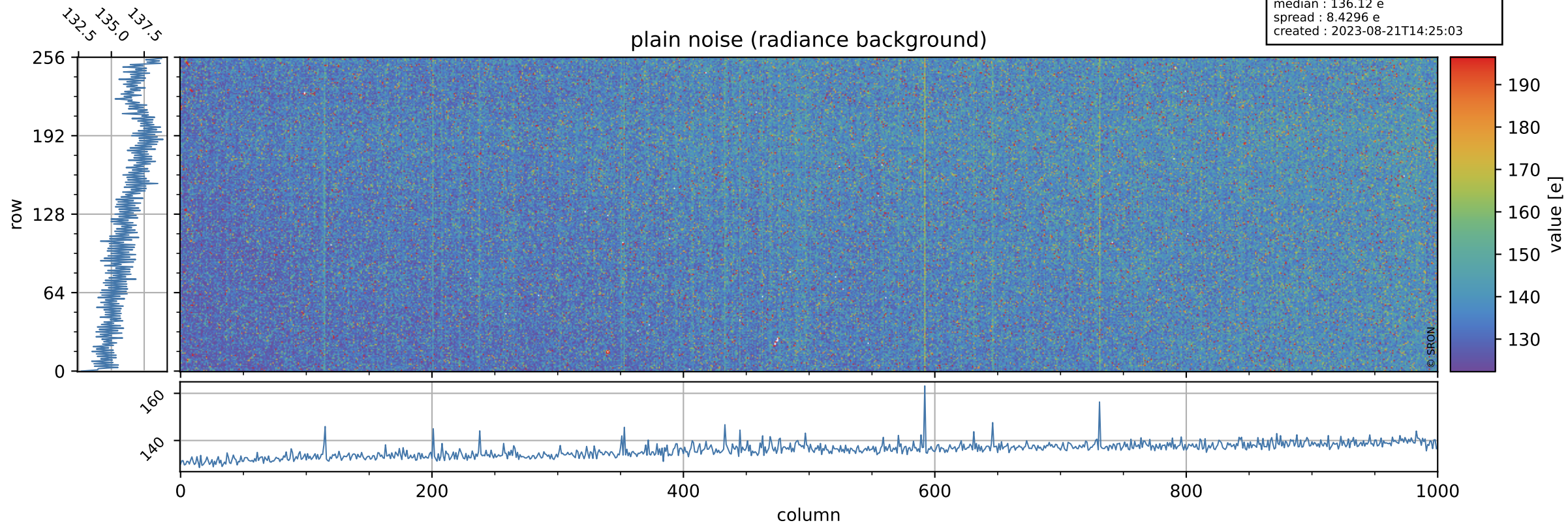
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.4296 e
created : 2023-08-21T14:25:03

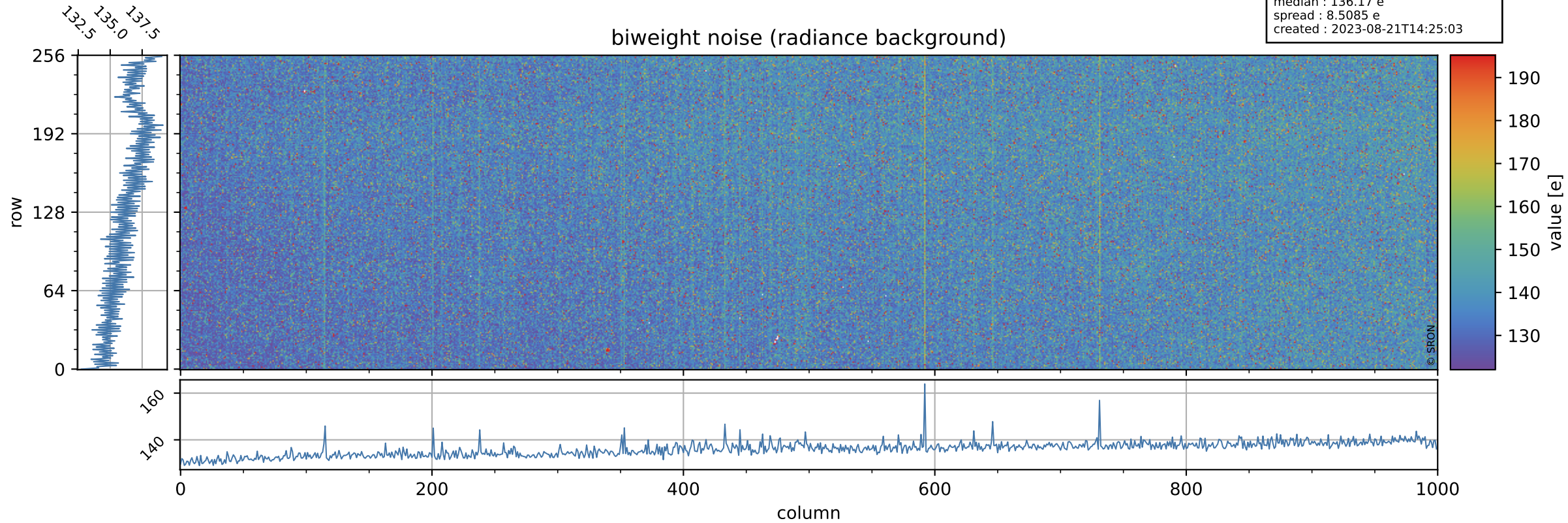
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.5085 e
created : 2023-08-21T14:25:03

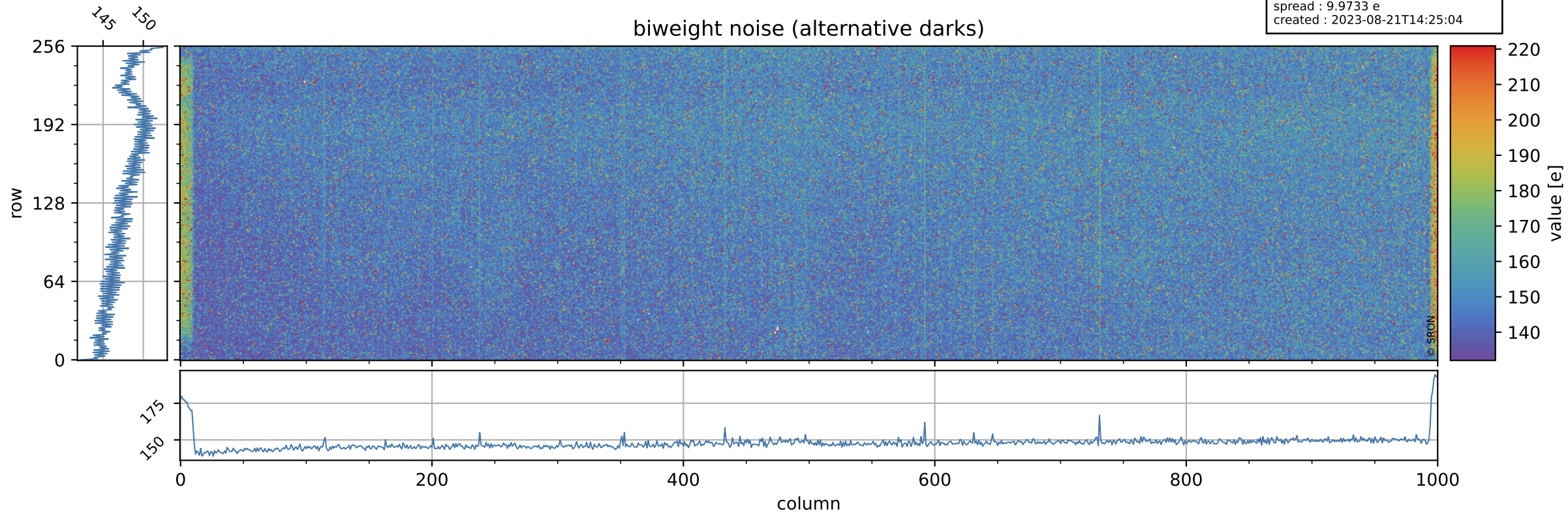
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9733 e
created : 2023-08-21T14:25:04

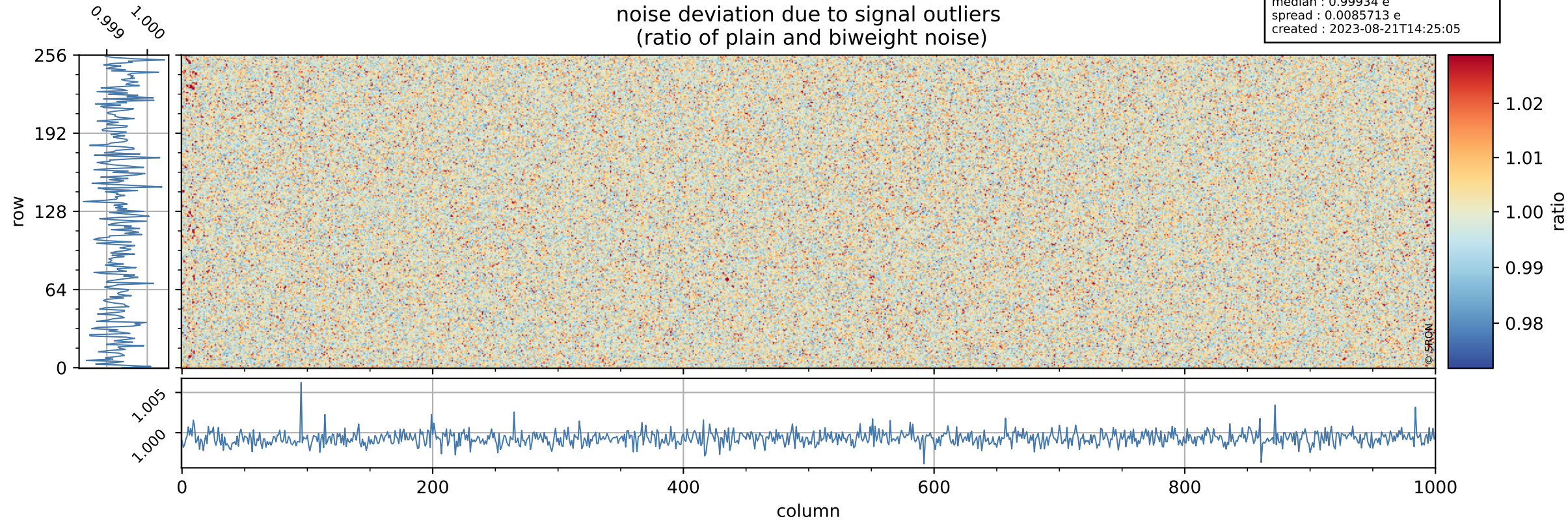
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

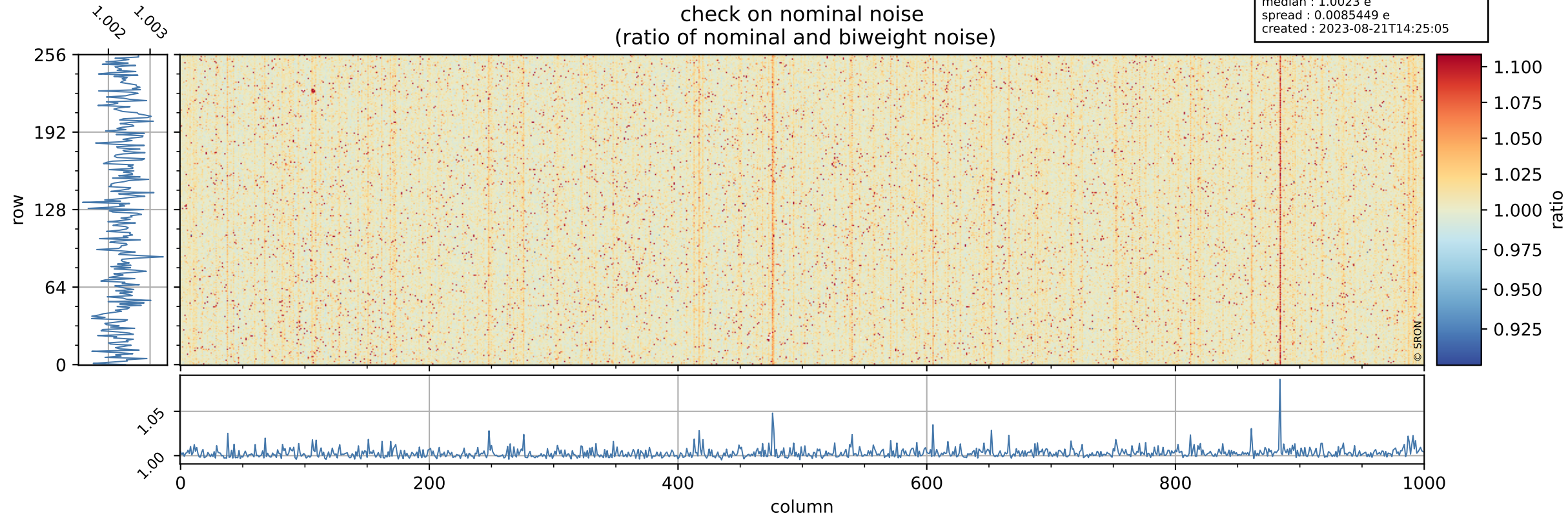
orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
median : 0.99934 e
spread : 0.0085713 e
created : 2023-08-21T14:25:05



Tropomi SWIR background noise (swir)

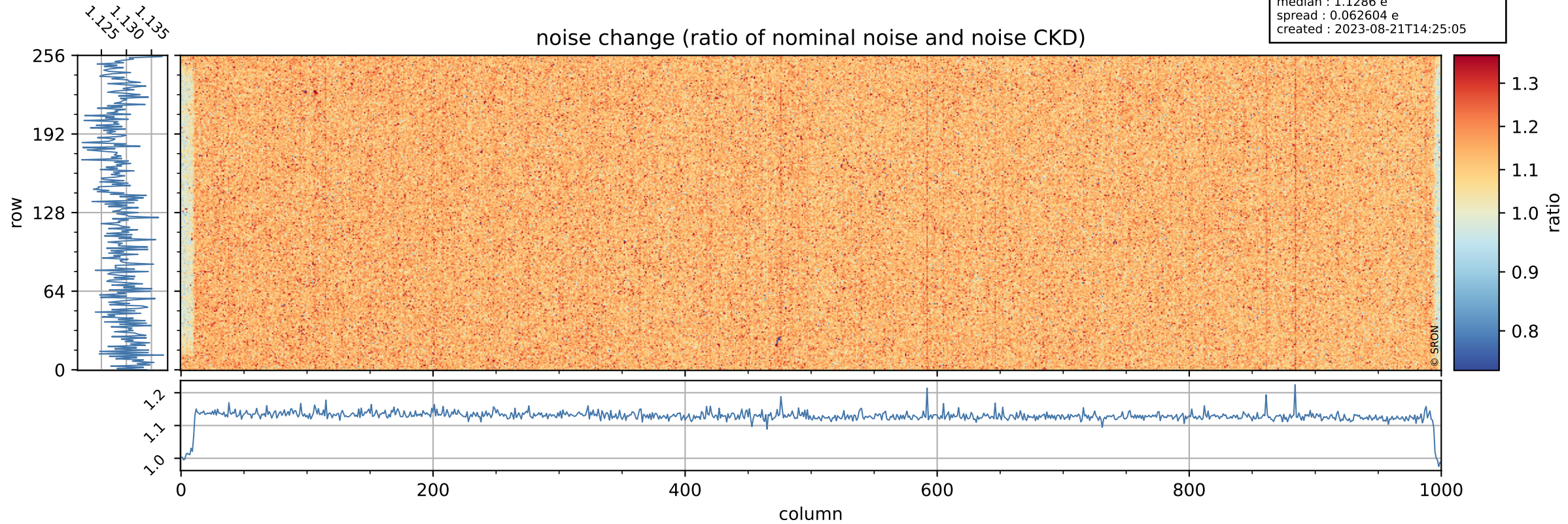
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
median : 1.0023 e
spread : 0.0085449 e
created : 2023-08-21T14:25:05



Tropomi SWIR background noise (swir)

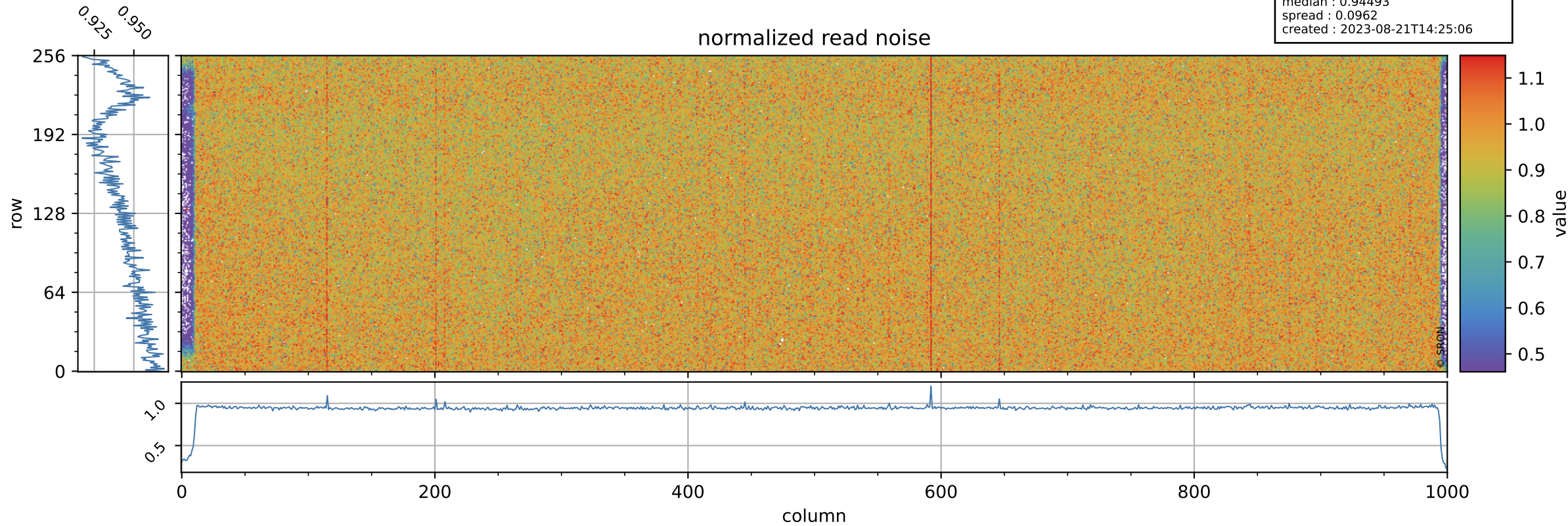
orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
median : 1.1286 e
spread : 0.062604 e
created : 2023-08-21T14:25:05



Tropomi SWIR background noise (swir)

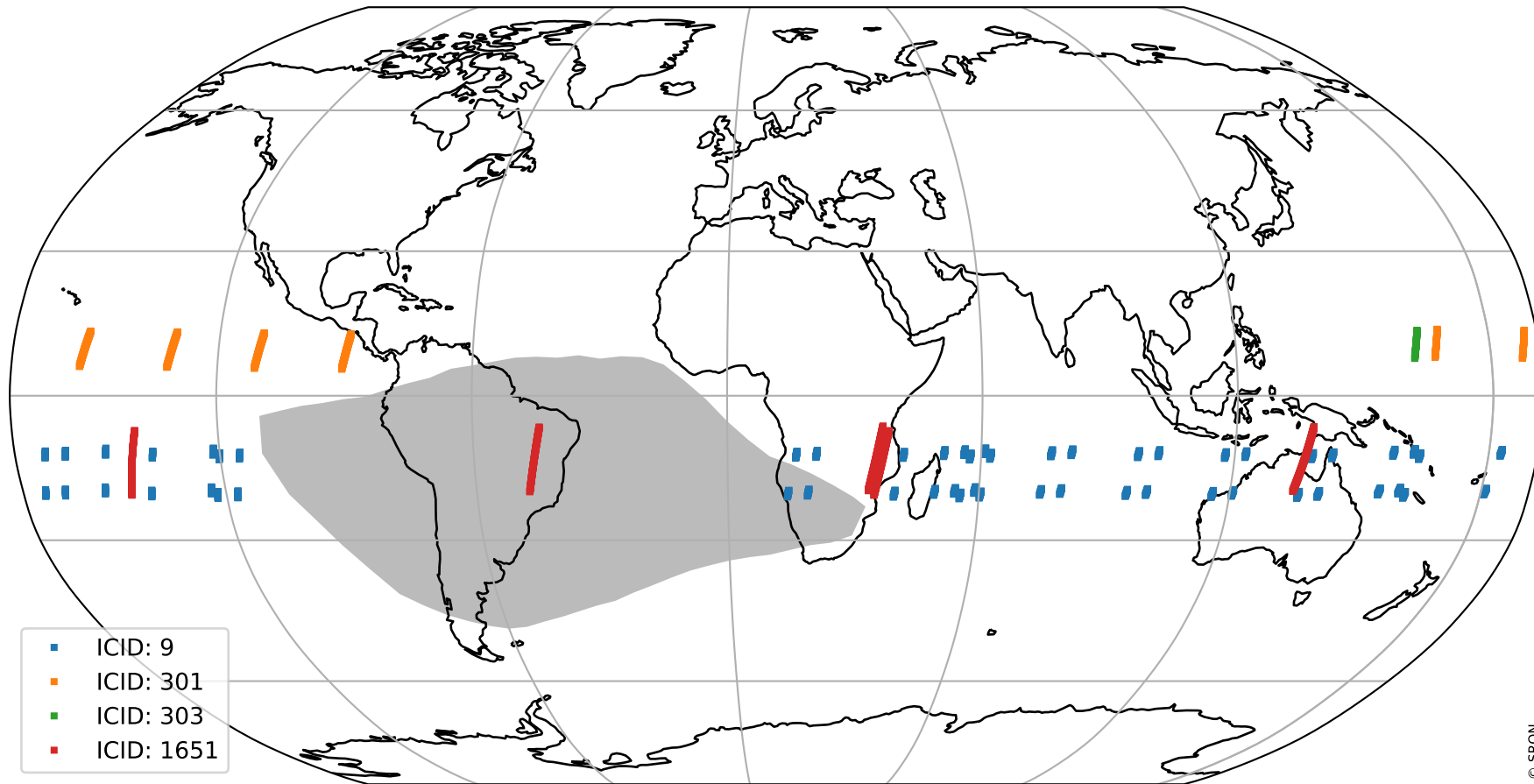
orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
median : 0.94493
spread : 0.0962
created : 2023-08-21T14:25:06

normalized read noise



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

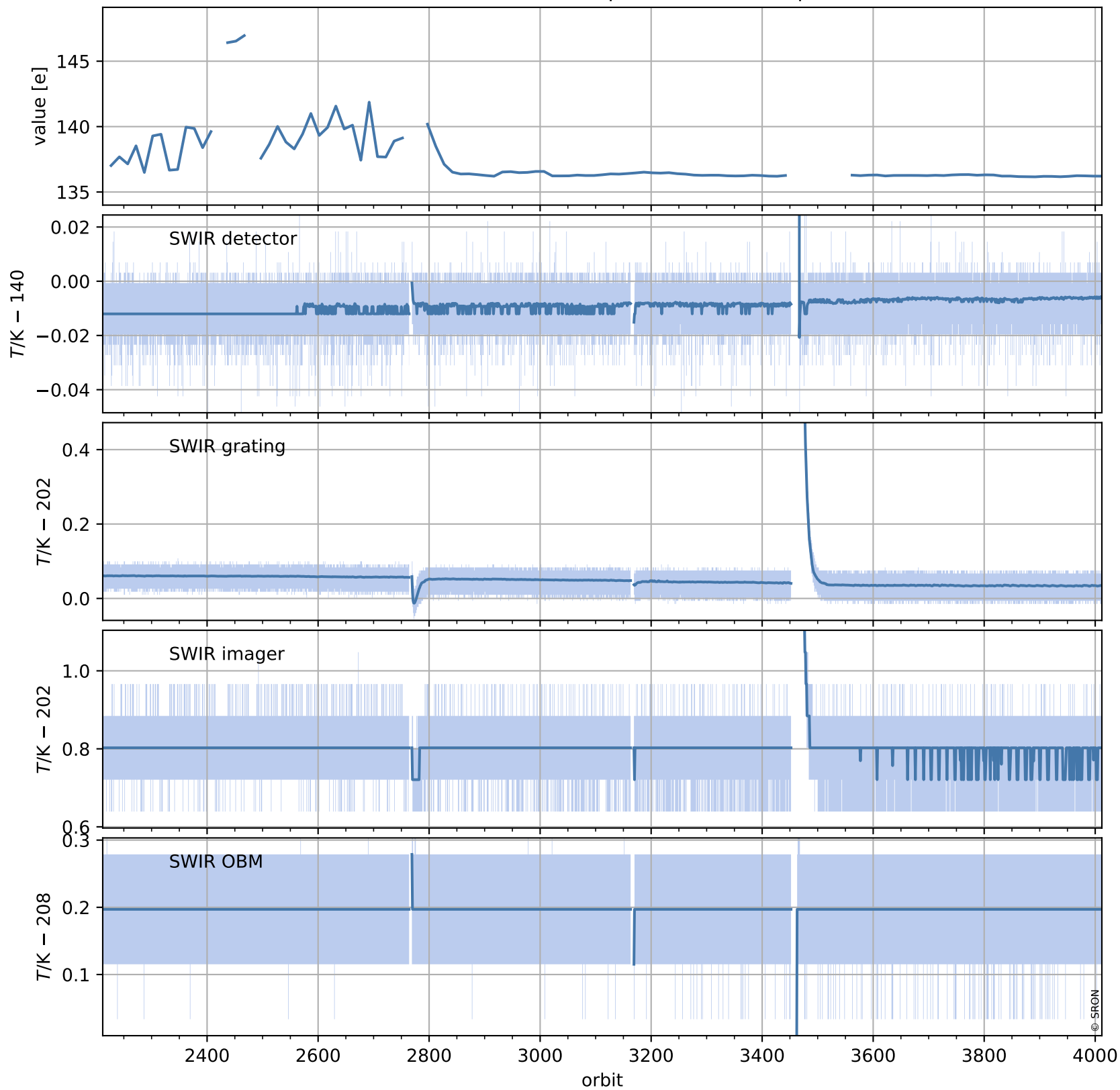
orbits : 12 in [3922, 4012]
coverage : 2018-07-17 / 2018-07-22
created : 2023-08-21T14:25:06



Tropomi SWIR background noise (swir)

orbits : [2212, 4012]
coverage : 2018-03-18 / 2018-07-22
created : 2023-08-21T14:25:06

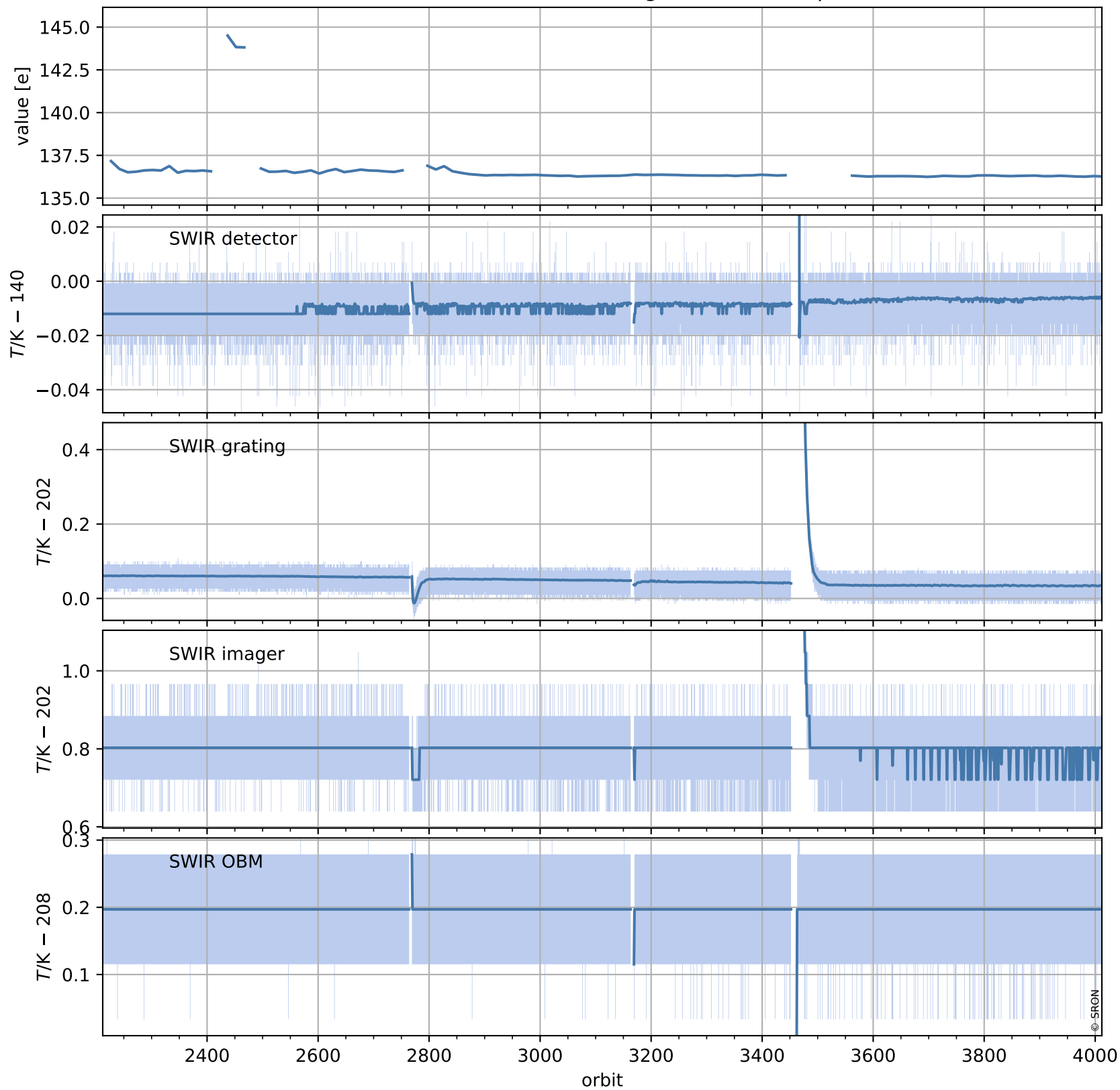
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4012]
coverage : 2018-03-18 / 2018-07-22
created : 2023-08-21T14:25:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4012]
coverage : 2018-03-18 / 2018-07-22
created : 2023-08-21T14:25:08

trend of normalized read-noise & temperatures

