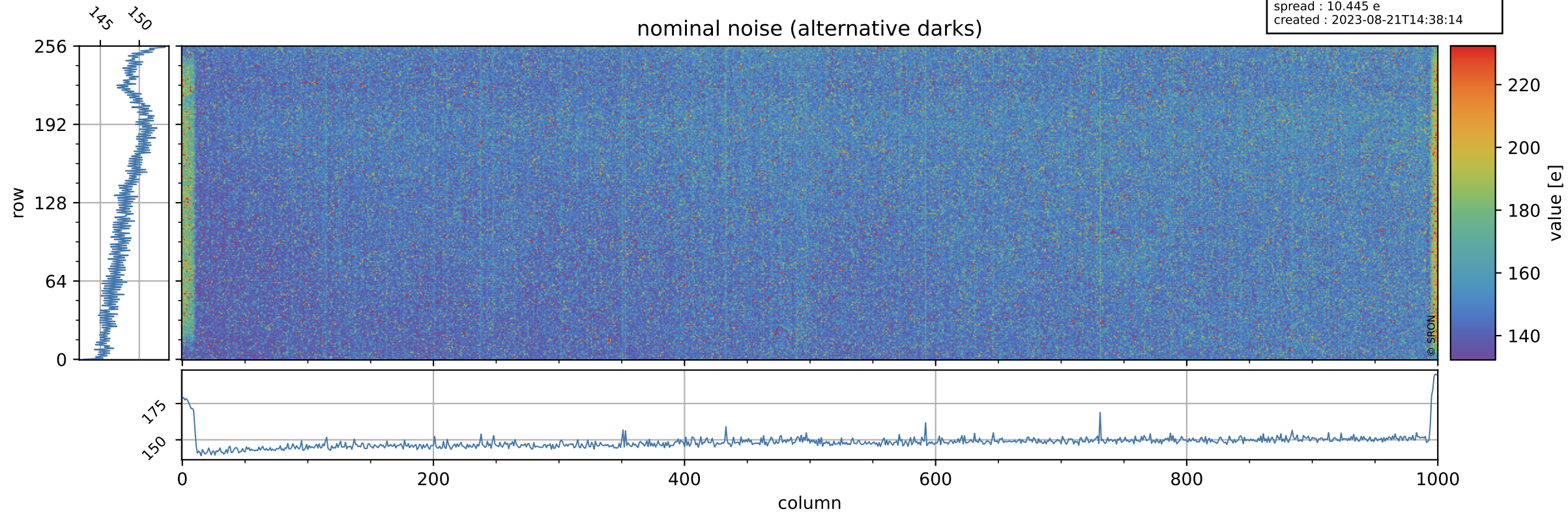


Tropomi SWIR background noise (swir)

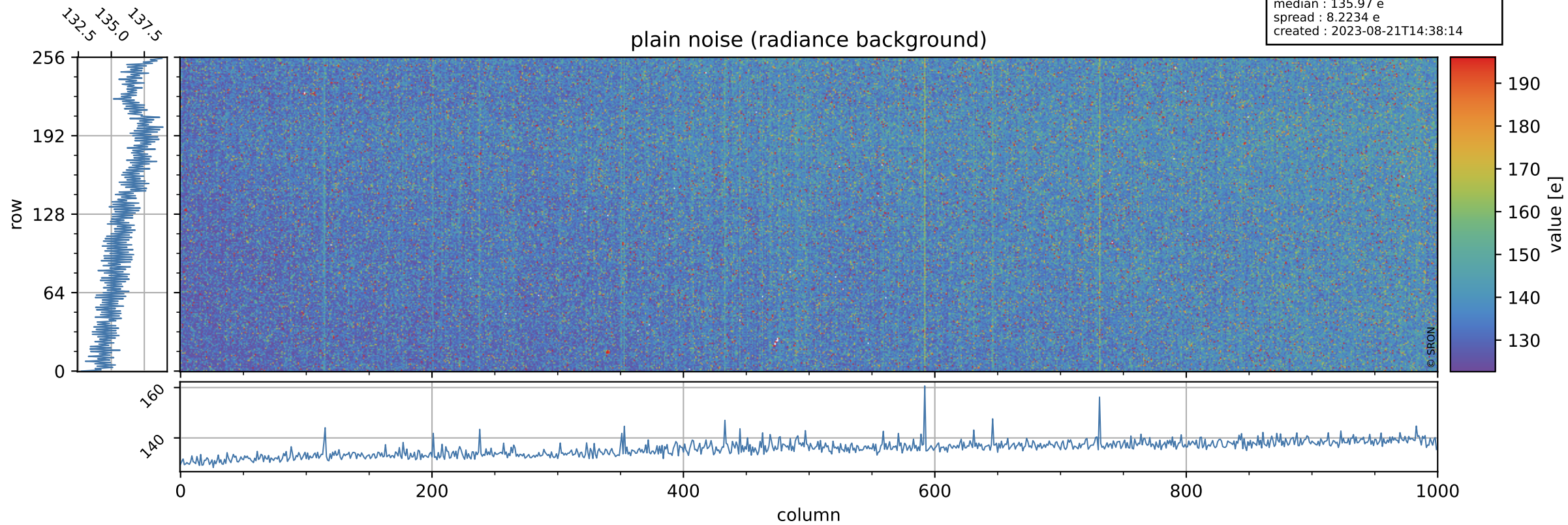
orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.445 e
created : 2023-08-21T14:38:14



Tropomi SWIR background noise (swir)

orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2234 e
created : 2023-08-21T14:38:14

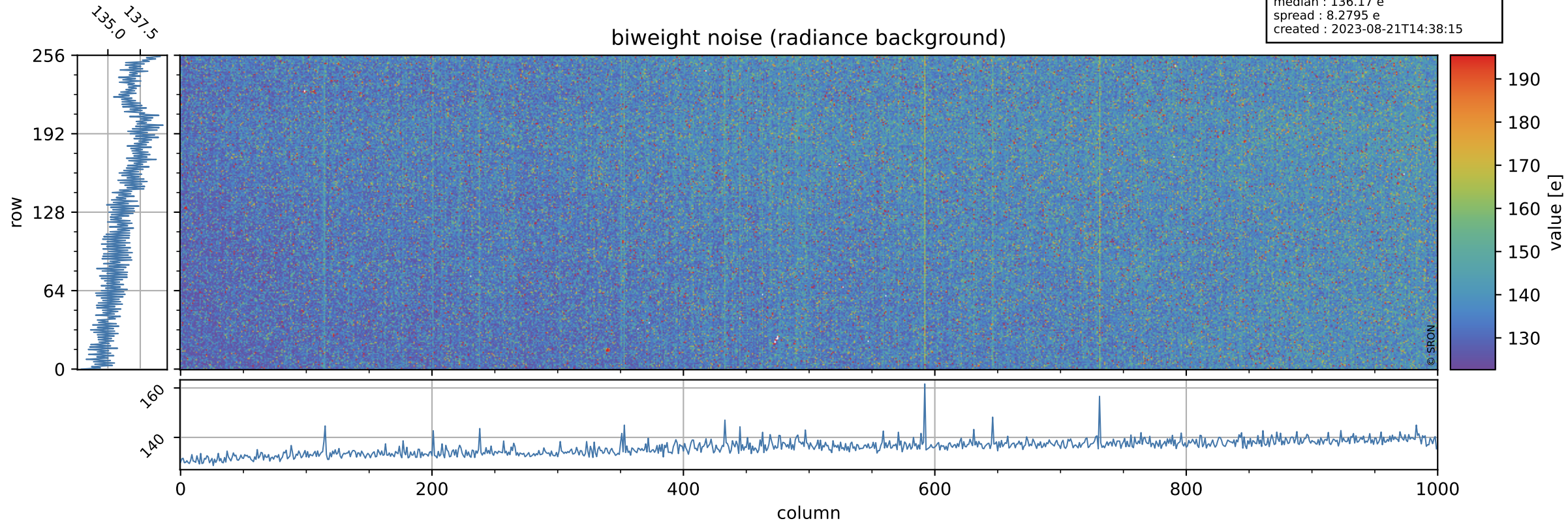
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2795 e
created : 2023-08-21T14:38:15

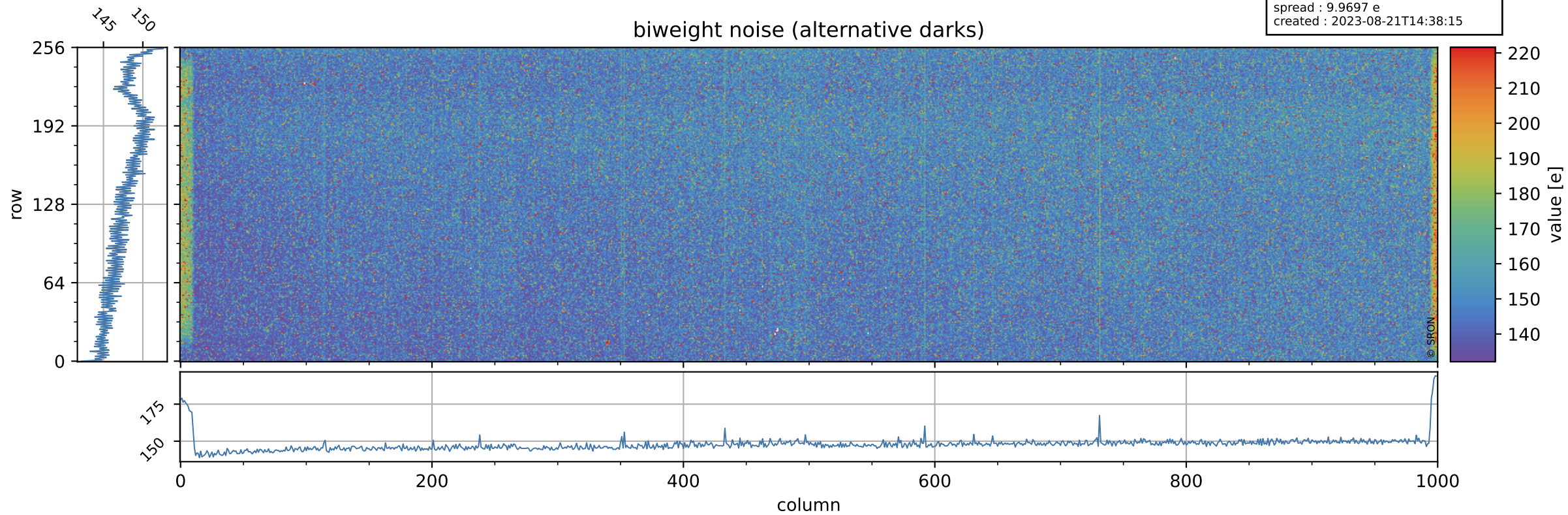
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9697 e
created : 2023-08-21T14:38:15

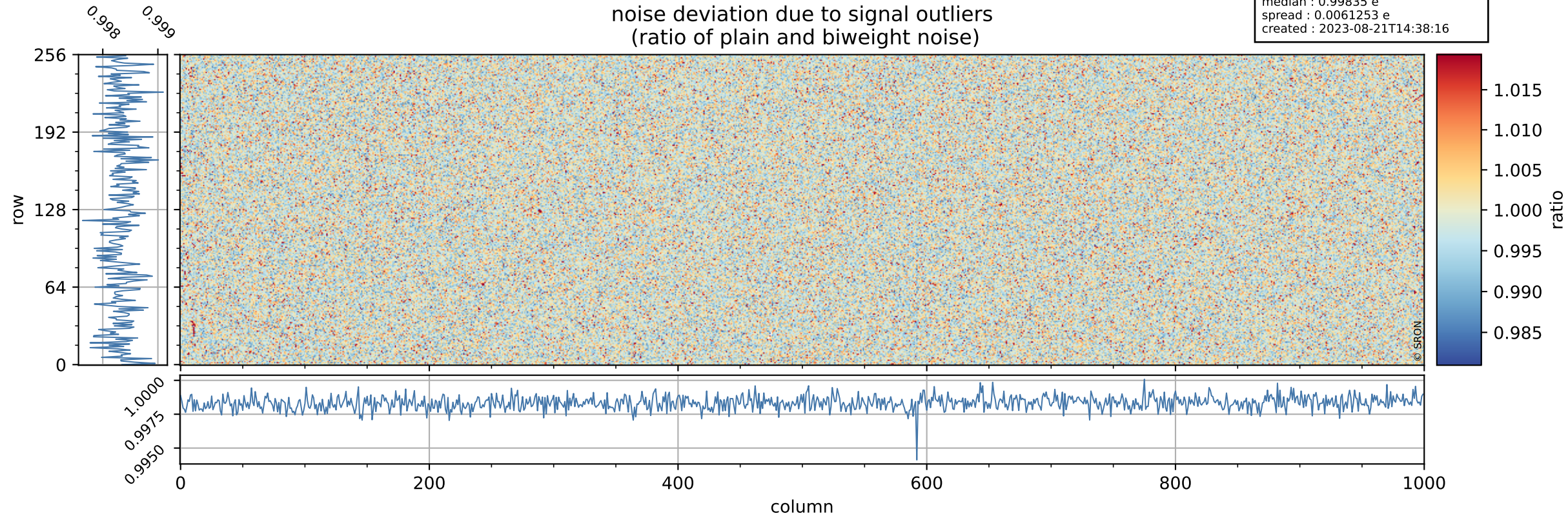
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

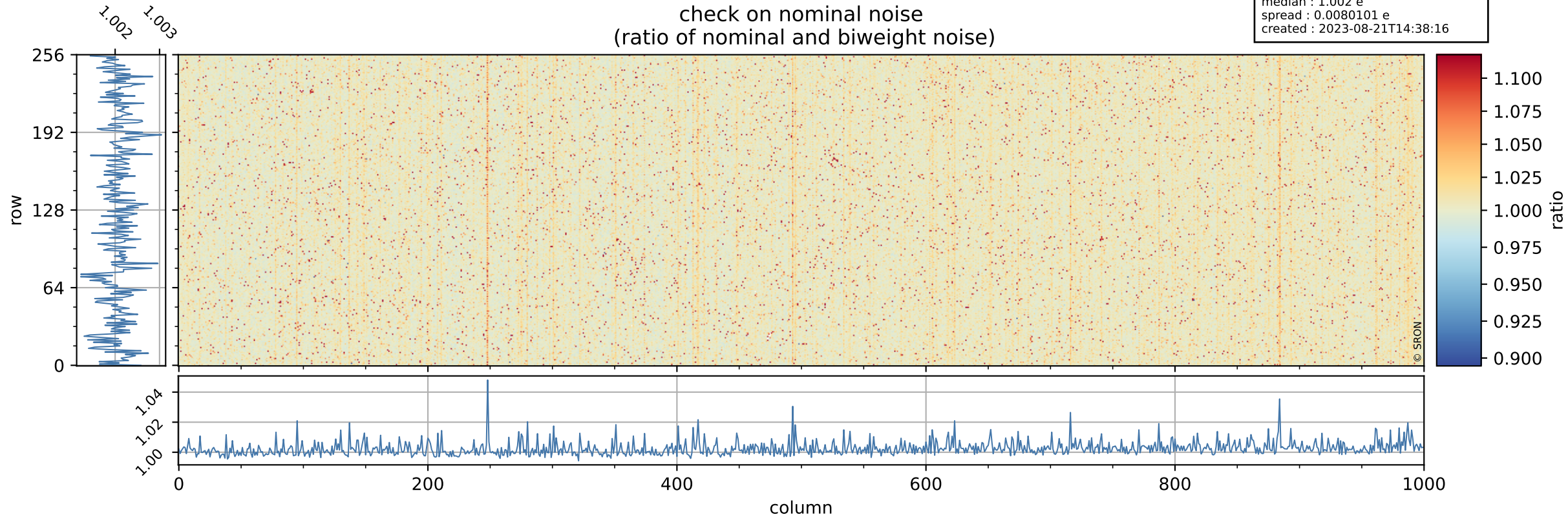
orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
median : 0.99835 e
spread : 0.0061253 e
created : 2023-08-21T14:38:16



Tropomi SWIR background noise (swir)

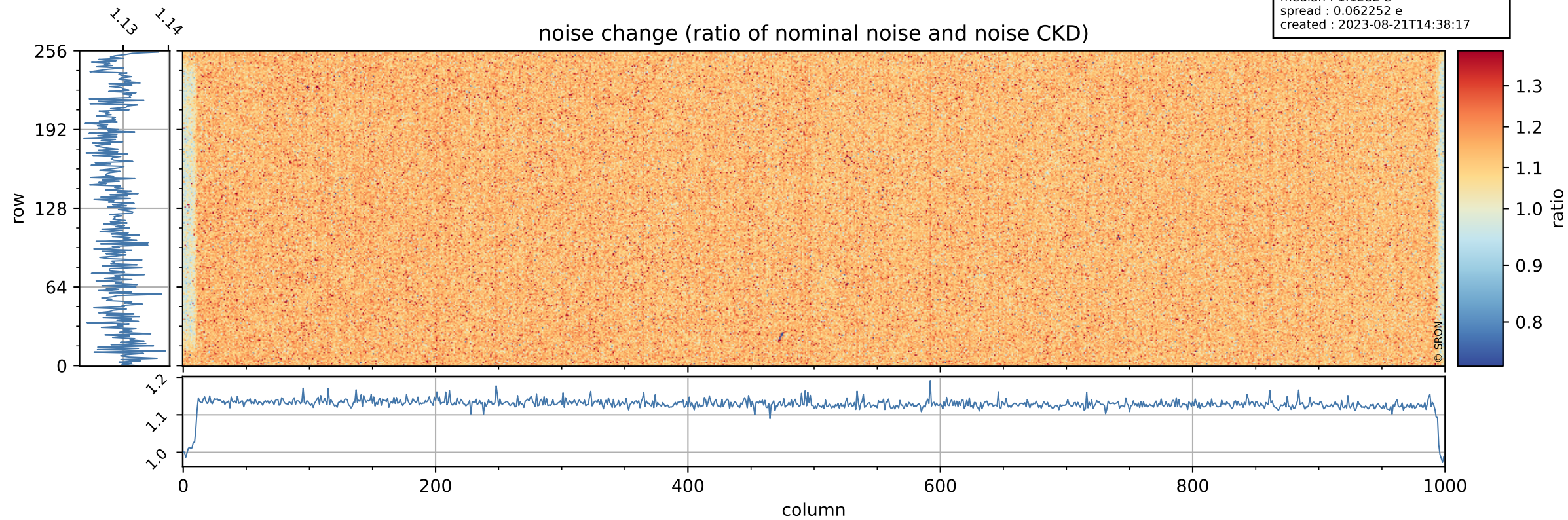
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
median : 1.002 e
spread : 0.0080101 e
created : 2023-08-21T14:38:16



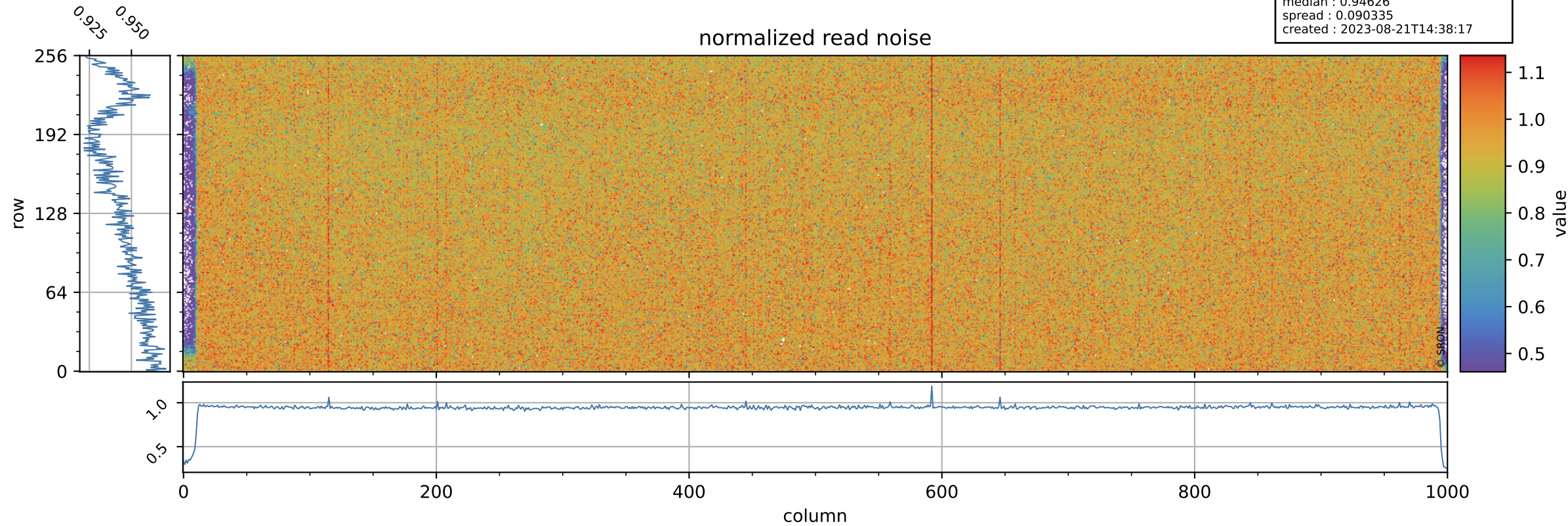
Tropomi SWIR background noise (swir)

orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
median : 1.1282 e
spread : 0.062252 e
created : 2023-08-21T14:38:17



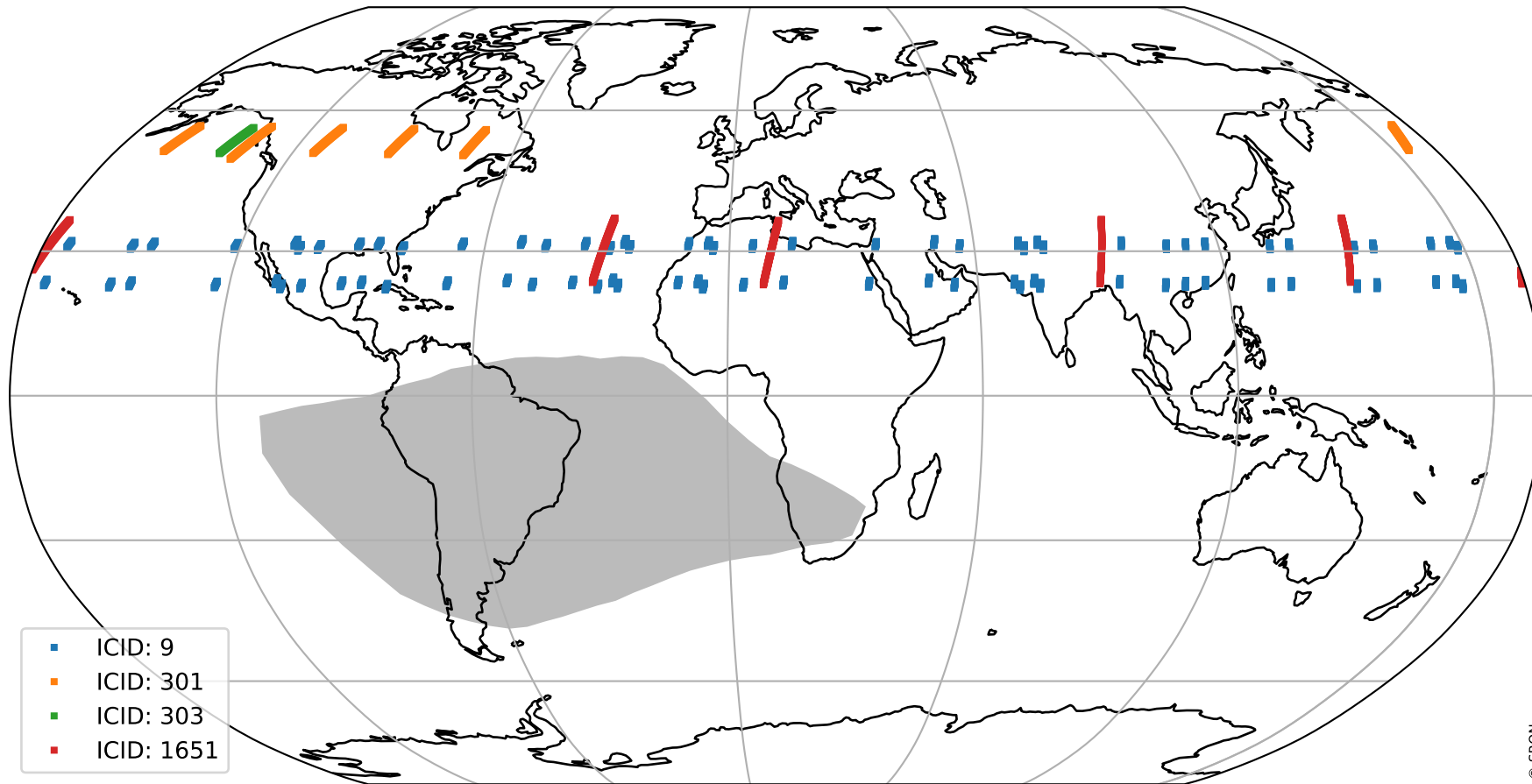
Tropomi SWIR background noise (swir)

orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
median : 0.94626
spread : 0.090335
created : 2023-08-21T14:38:17



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

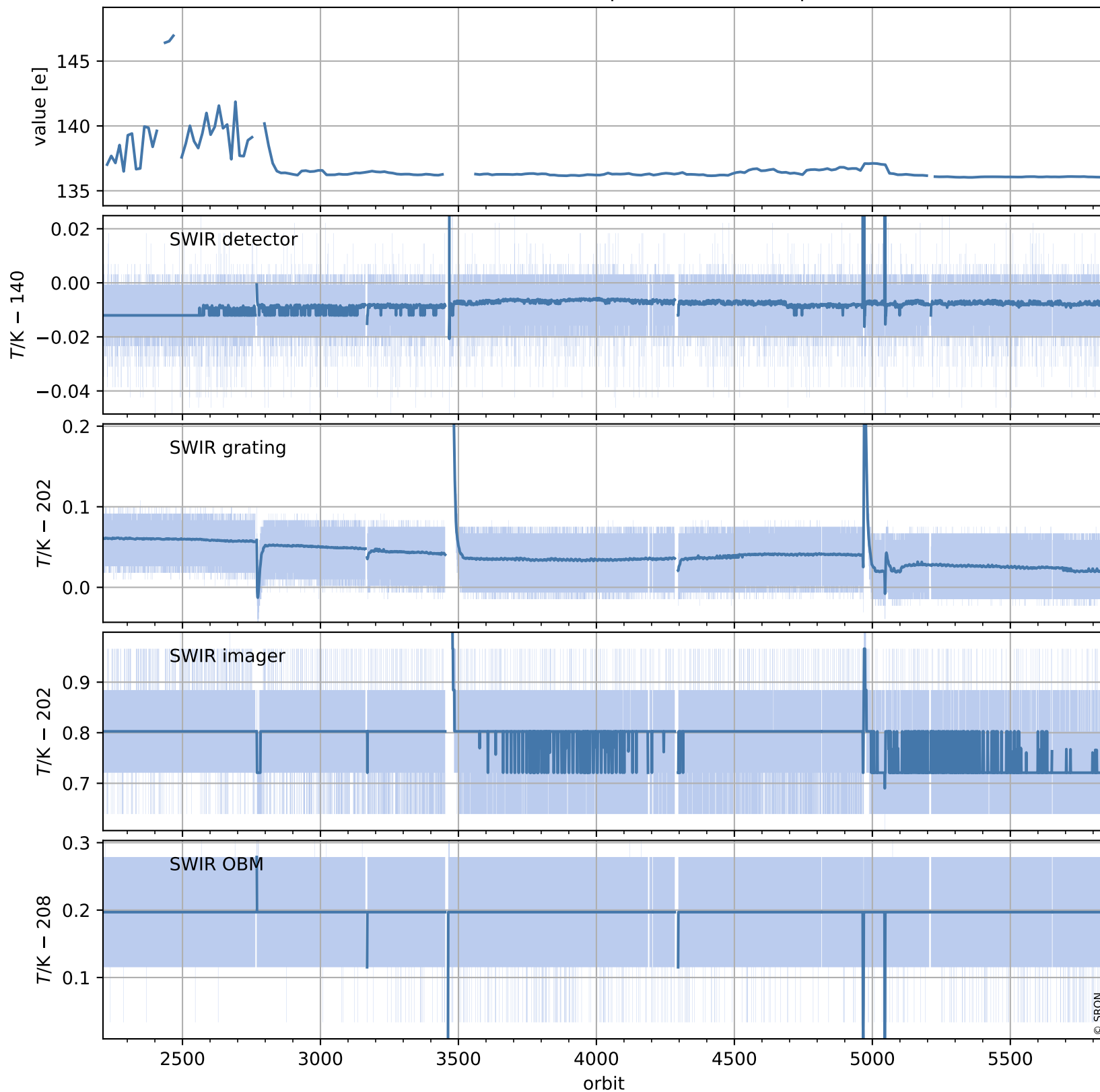
orbits : 12 in [5752, 5842]
coverage : 2018-11-23 / 2018-11-28
created : 2023-08-21T14:38:17



Tropomi SWIR background noise (swir)

orbits : [2212, 5842]
coverage : 2018-03-18 / 2018-11-28
created : 2023-08-21T14:38:17

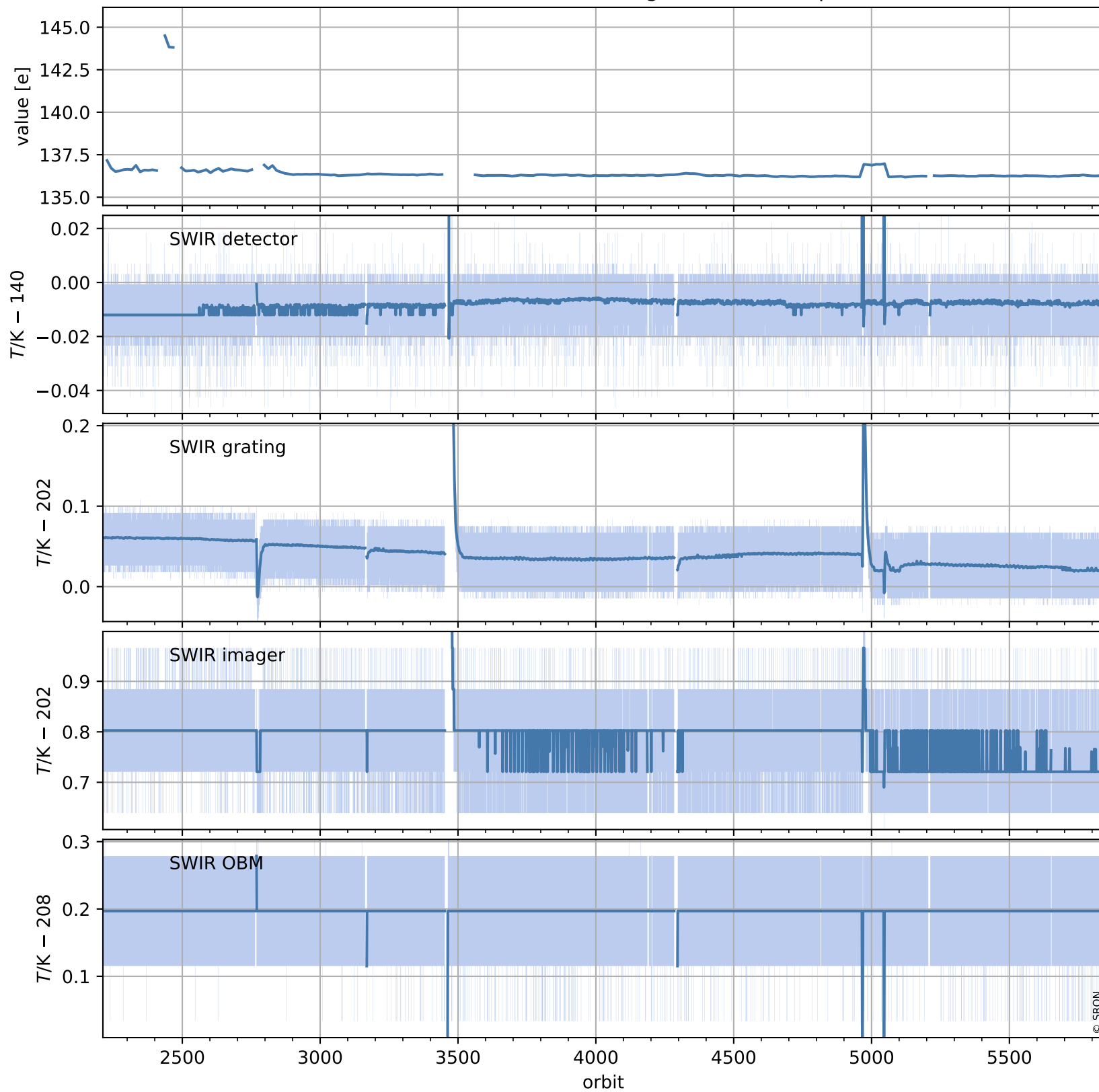
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5842]
coverage : 2018-03-18 / 2018-11-28
created : 2023-08-21T14:38:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5842]
coverage : 2018-03-18 / 2018-11-28
created : 2023-08-21T14:38:19

trend of normalized read-noise & temperatures

