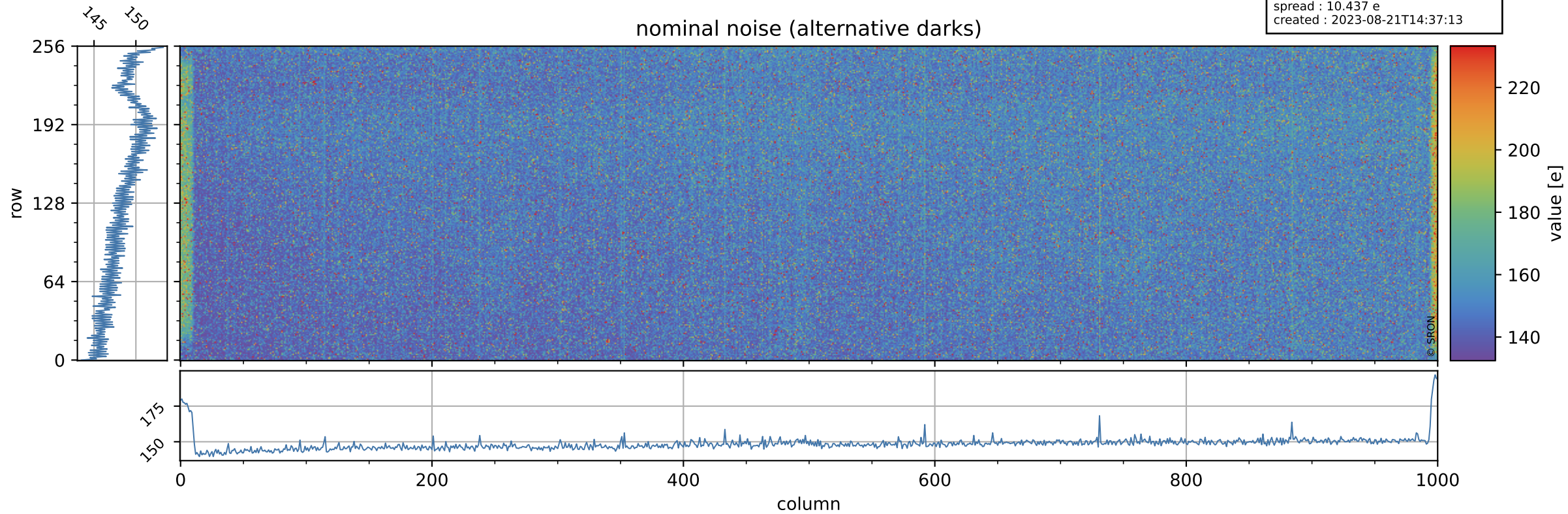


Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.437 e
created : 2023-08-21T14:37:13

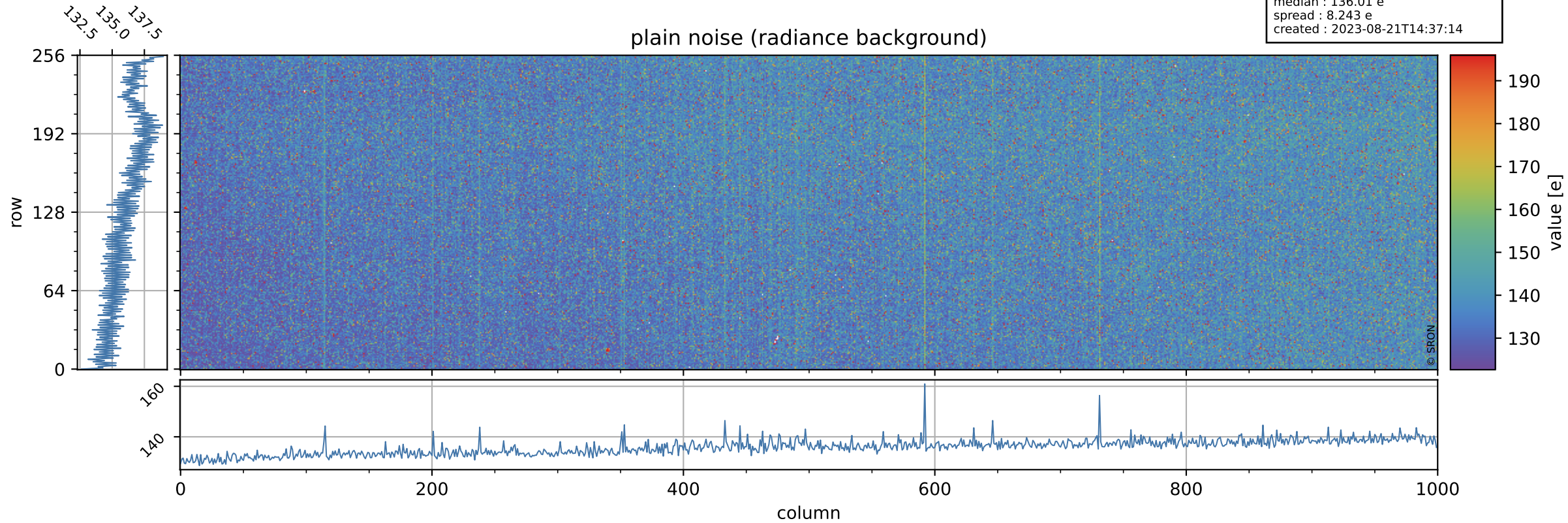
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.243 e
created : 2023-08-21T14:37:14

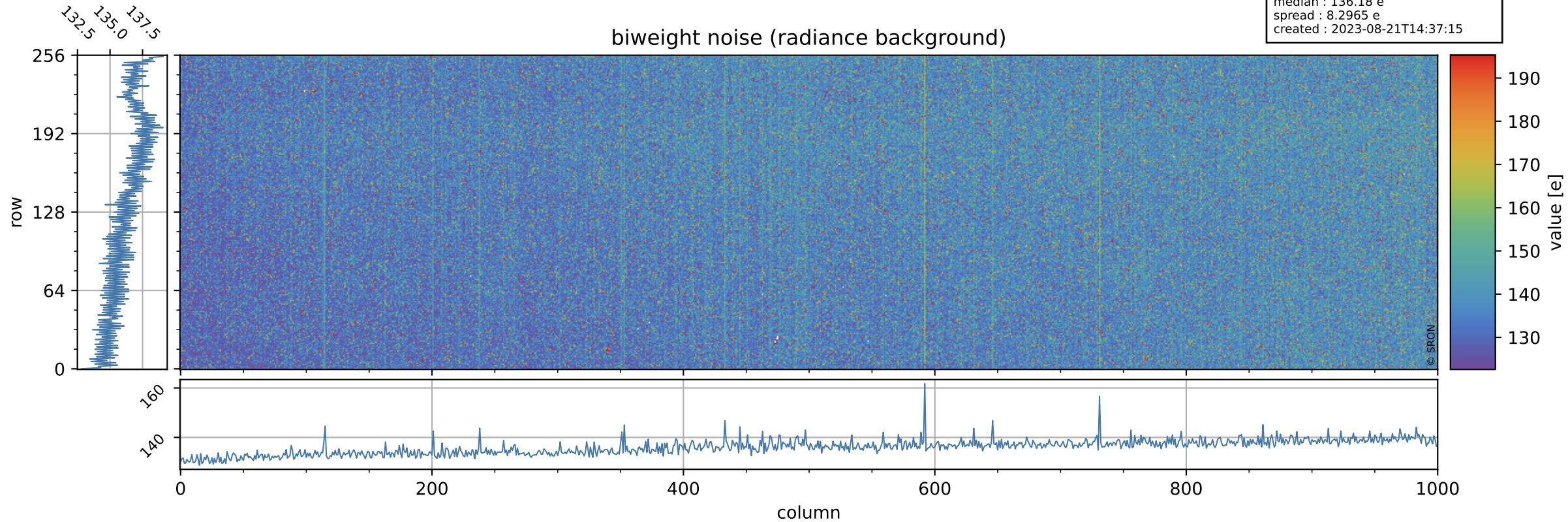
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.2965 e
created : 2023-08-21T14:37:15

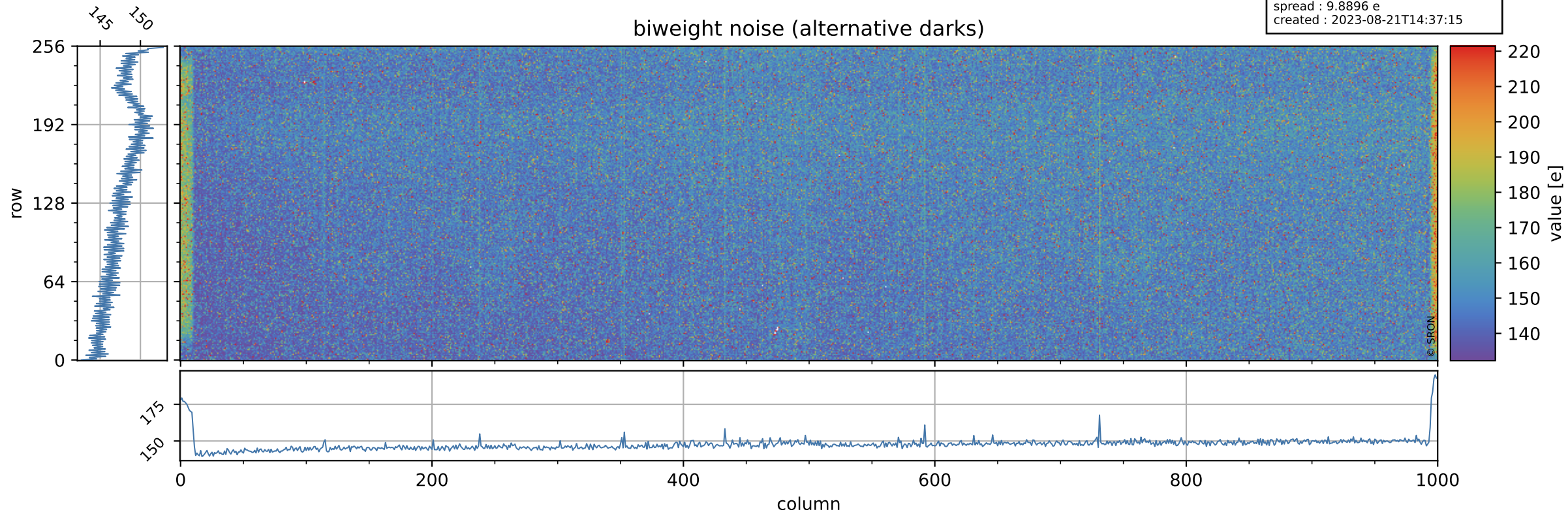
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8896 e
created : 2023-08-21T14:37:15

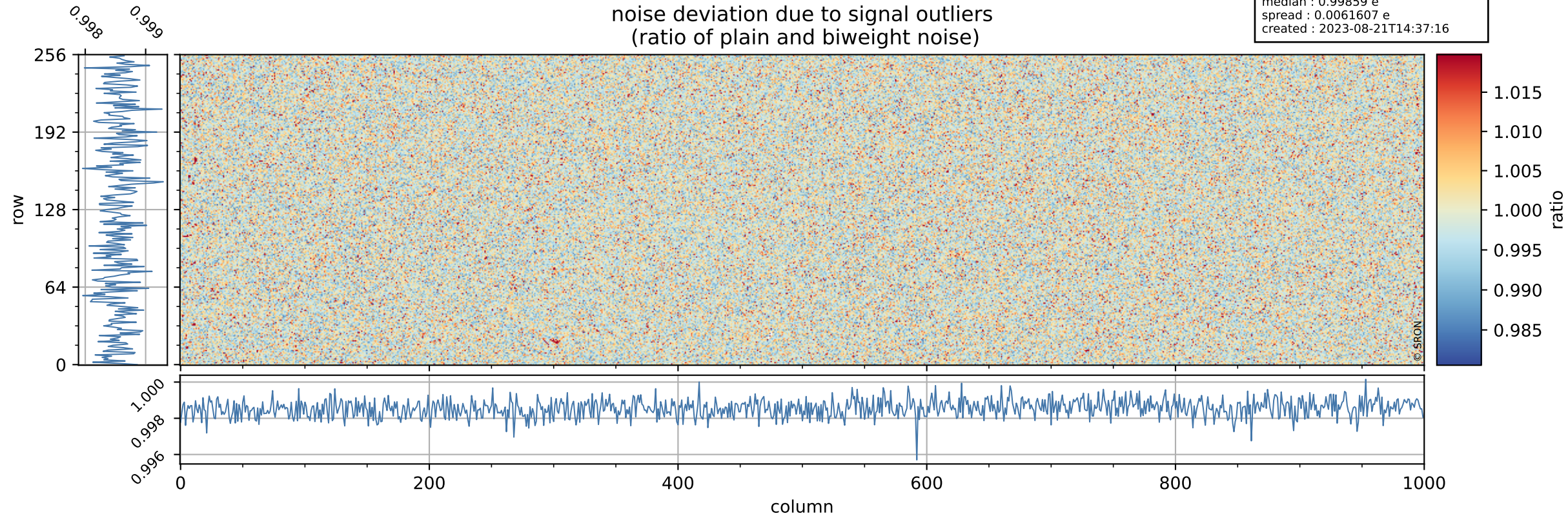
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

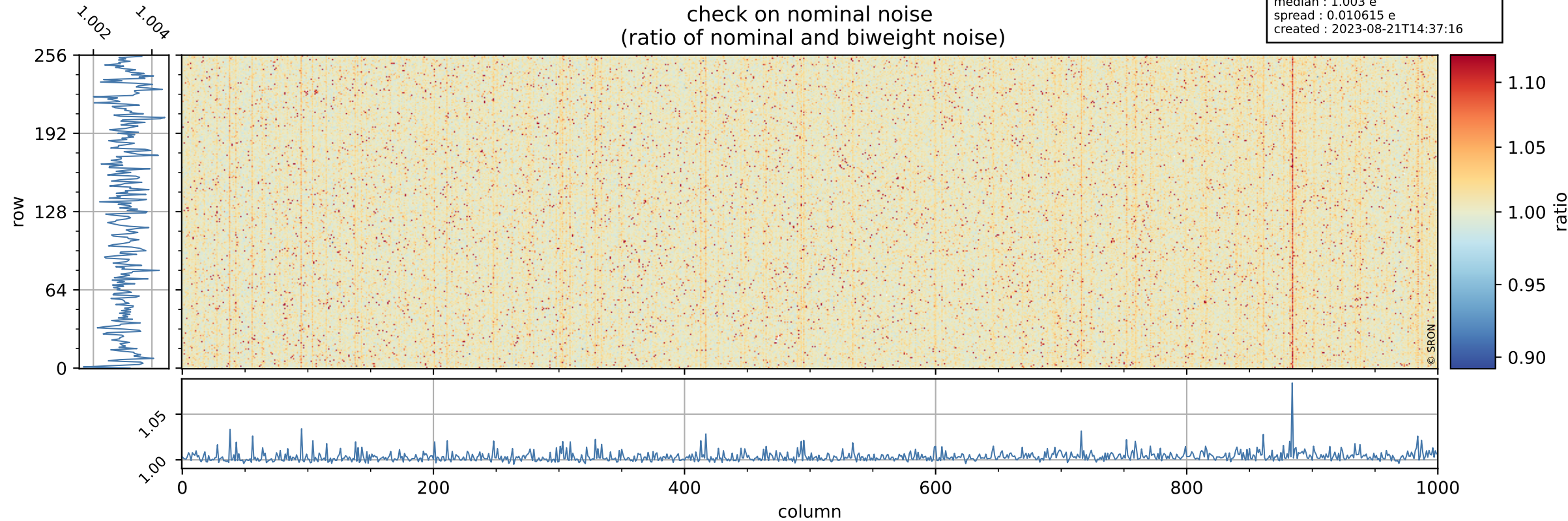
orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
median : 0.99859 e
spread : 0.0061607 e
created : 2023-08-21T14:37:16



Tropomi SWIR background noise (swir)

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

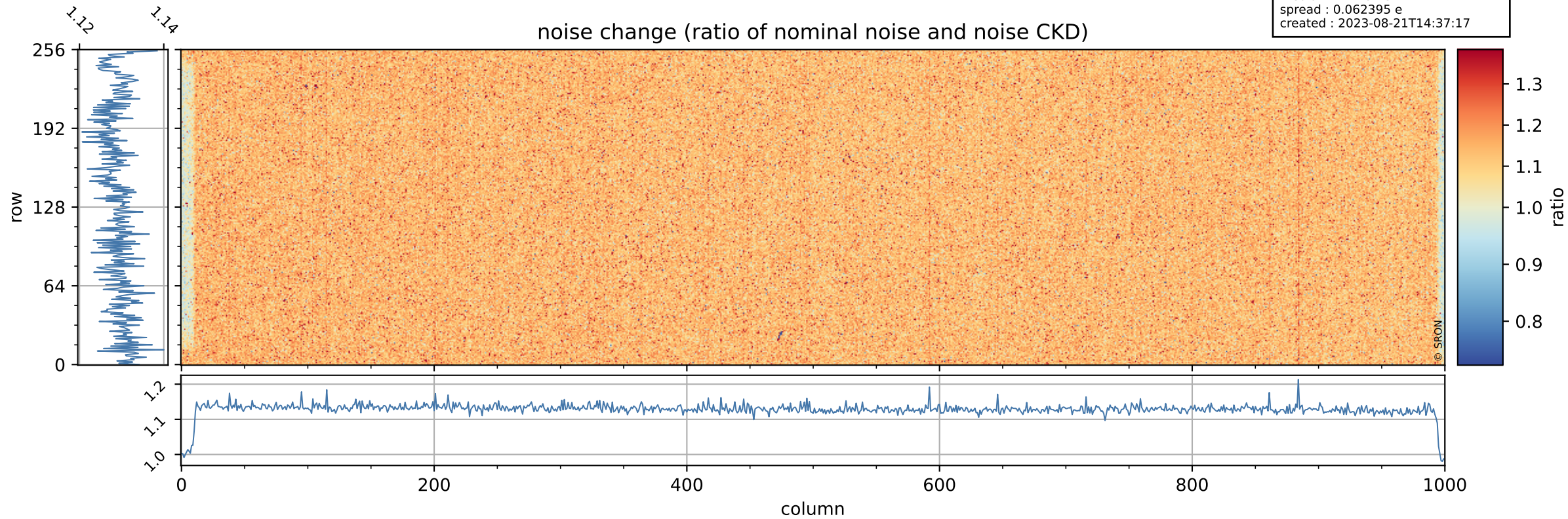
orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
median : 1.003 e
spread : 0.010615 e
created : 2023-08-21T14:37:16



Tropomi SWIR background noise (swir)

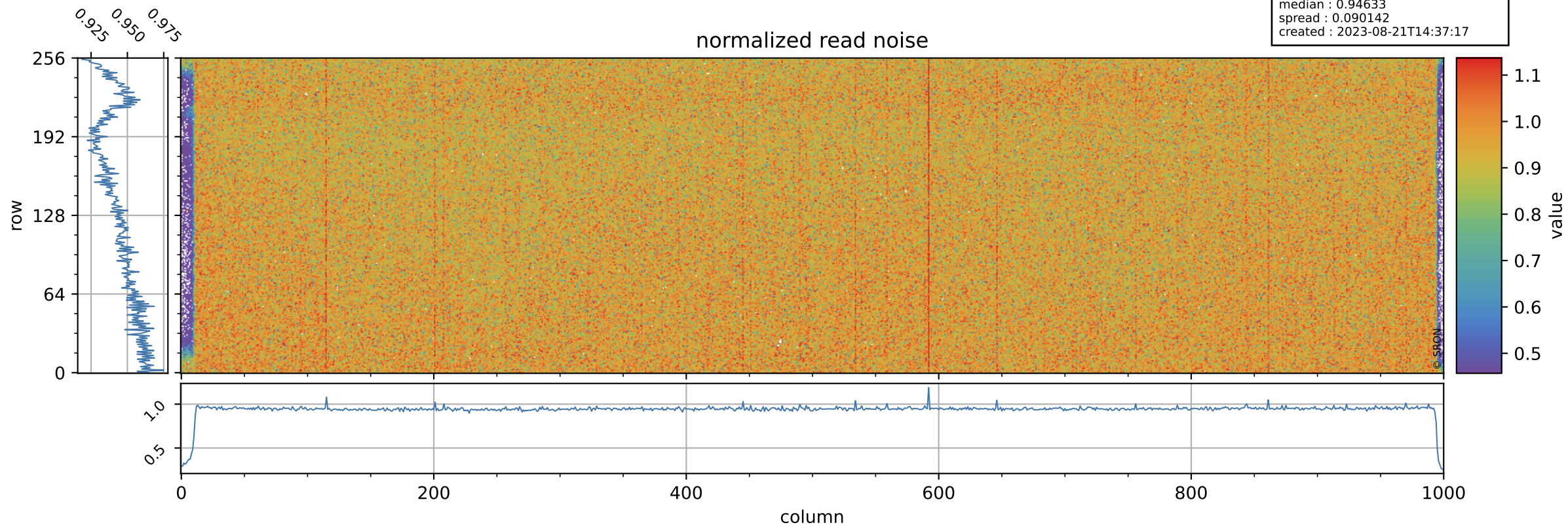
orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
median : 1.1287 e
spread : 0.062395 e
created : 2023-08-21T14:37:17

noise change (ratio of nominal noise and noise CKD)



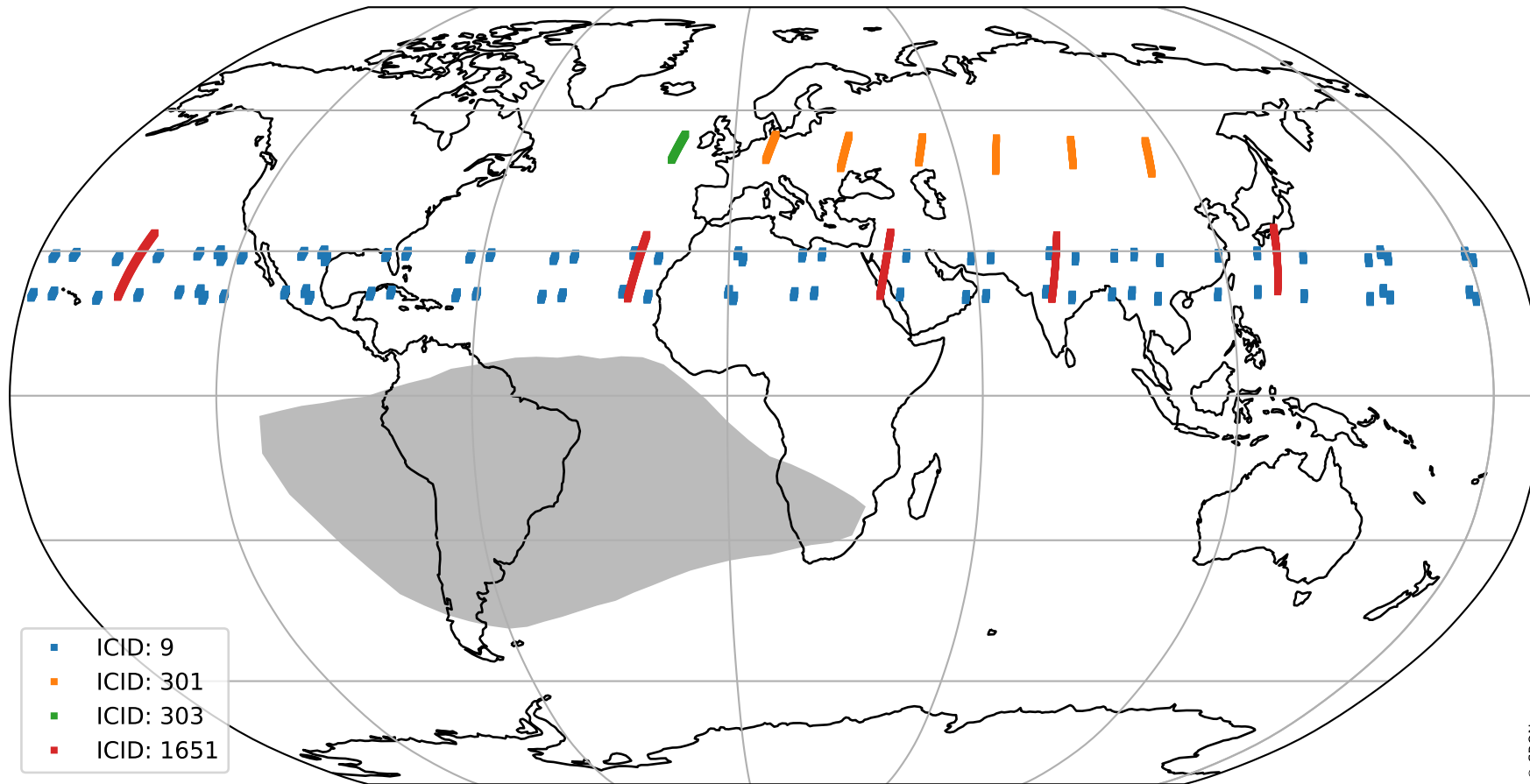
Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
median : 0.94633
spread : 0.090142
created : 2023-08-21T14:37:17



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

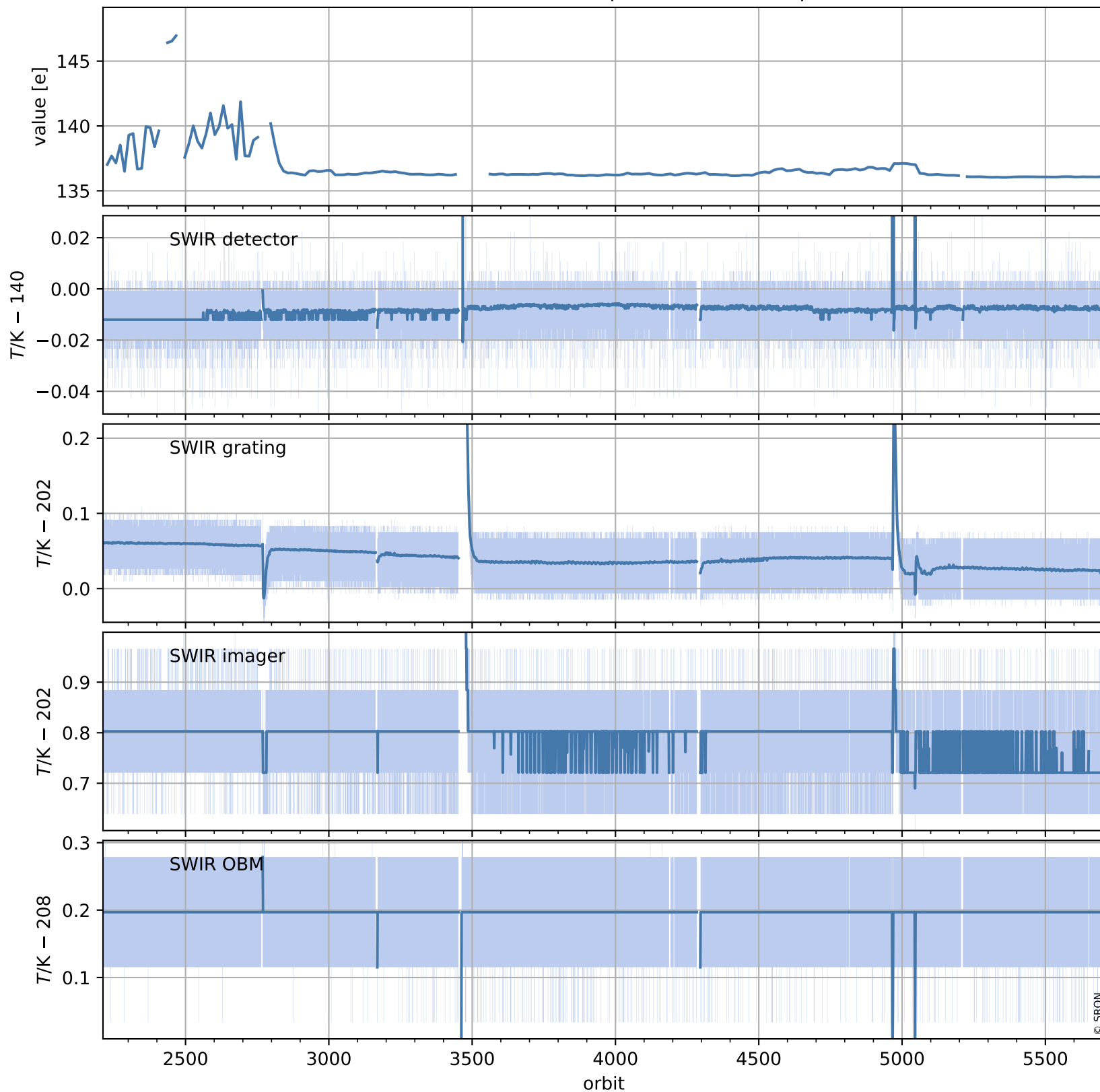
orbits : 12 in [5617, 5707]
coverage : 2018-11-13 / 2018-11-19
created : 2023-08-21T14:37:17



Tropomi SWIR background noise (swir)

orbits : [2212, 5707]
coverage : 2018-03-18 / 2018-11-19
created : 2023-08-21T14:37:18

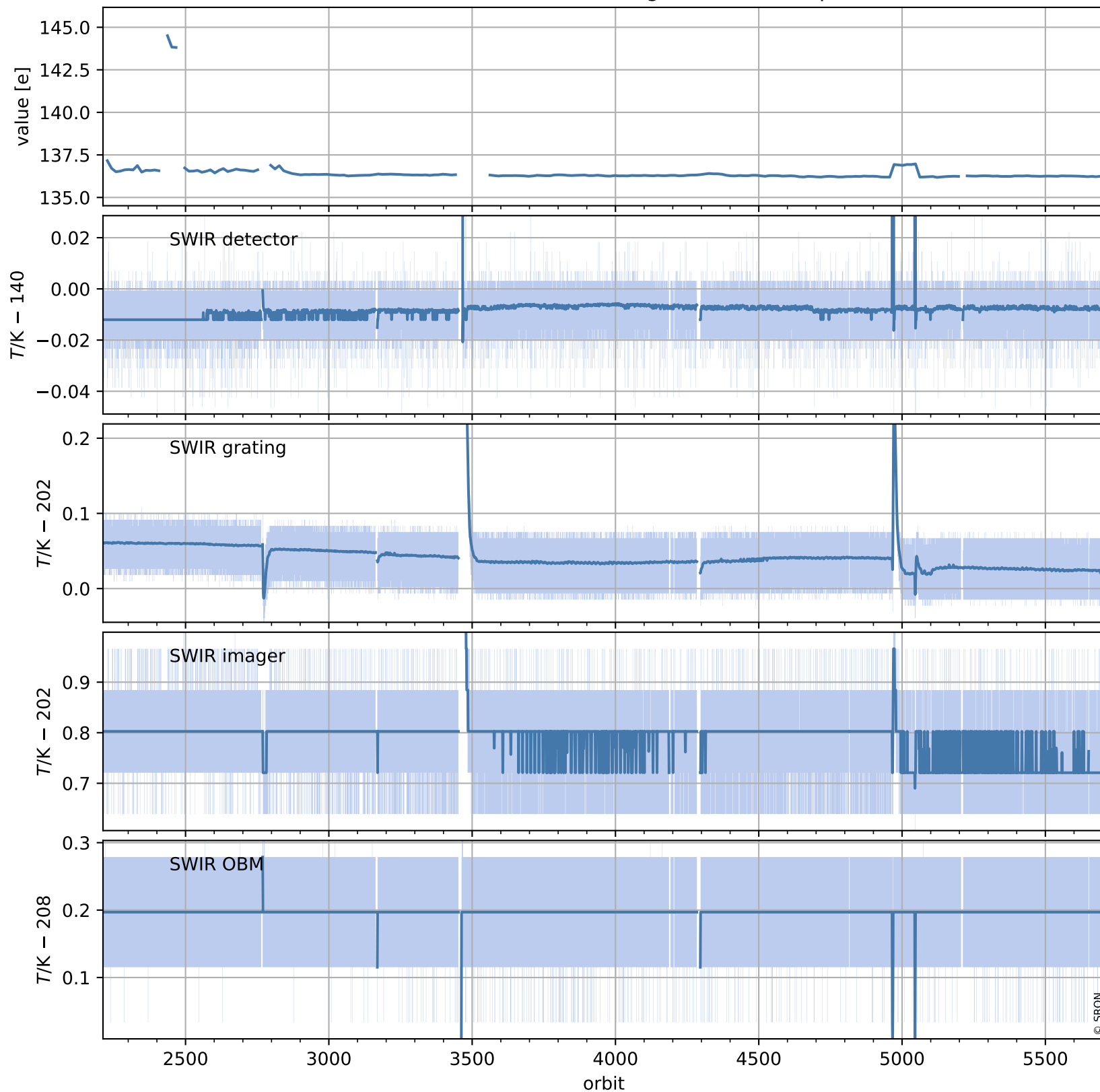
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5707]
coverage : 2018-03-18 / 2018-11-19
created : 2023-08-21T14:37:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5707]
coverage : 2018-03-18 / 2018-11-19
created : 2023-08-21T14:37:19

trend of normalized read-noise & temperatures

