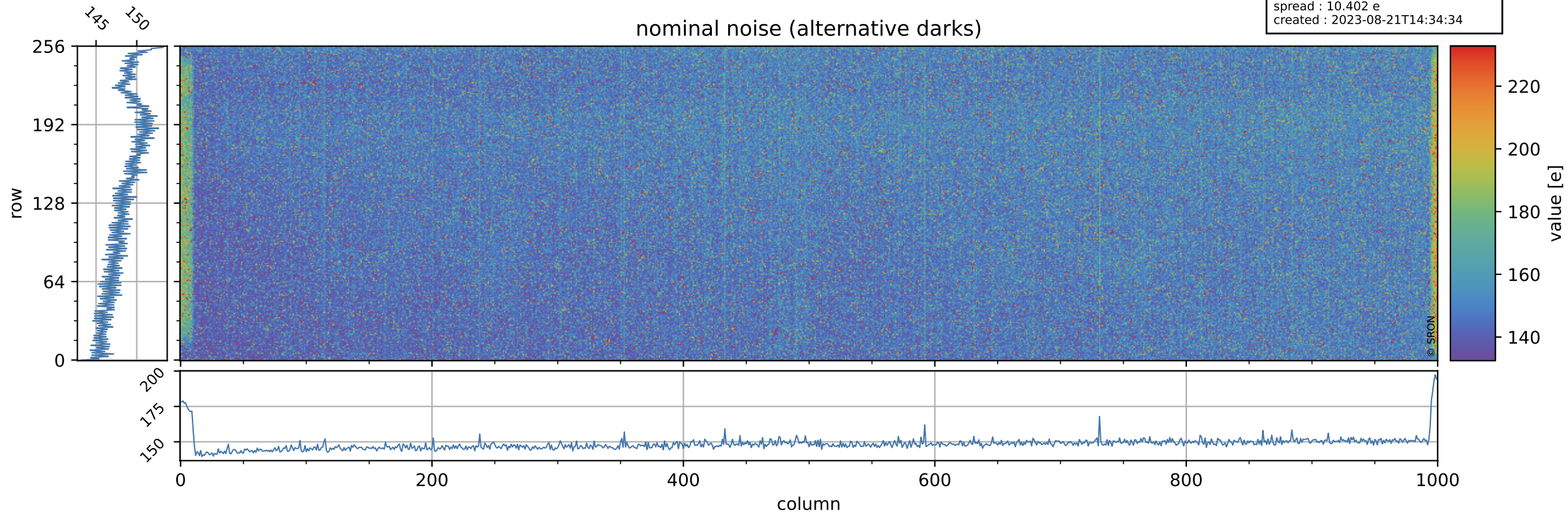


Tropomi SWIR background noise (swir)

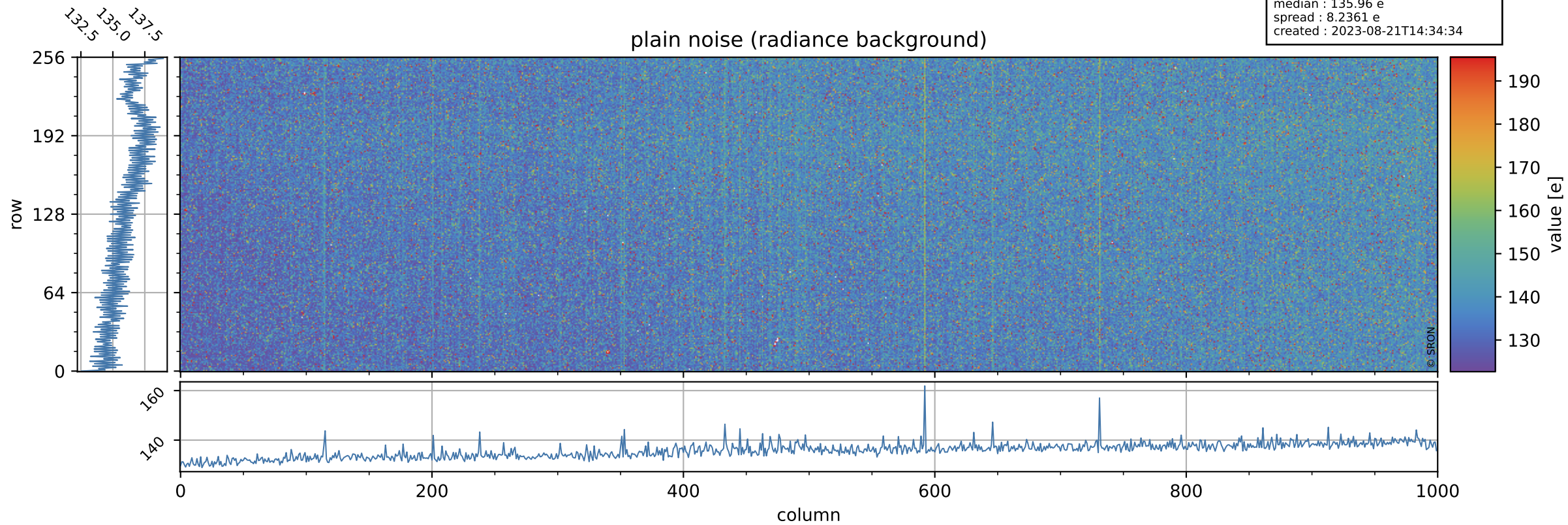
orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.402 e
created : 2023-08-21T14:34:34



Tropomi SWIR background noise (swir)

orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
n_coad, t_exp : 2, 0.5383
median : 135.96 e
spread : 8.2361 e
created : 2023-08-21T14:34:34

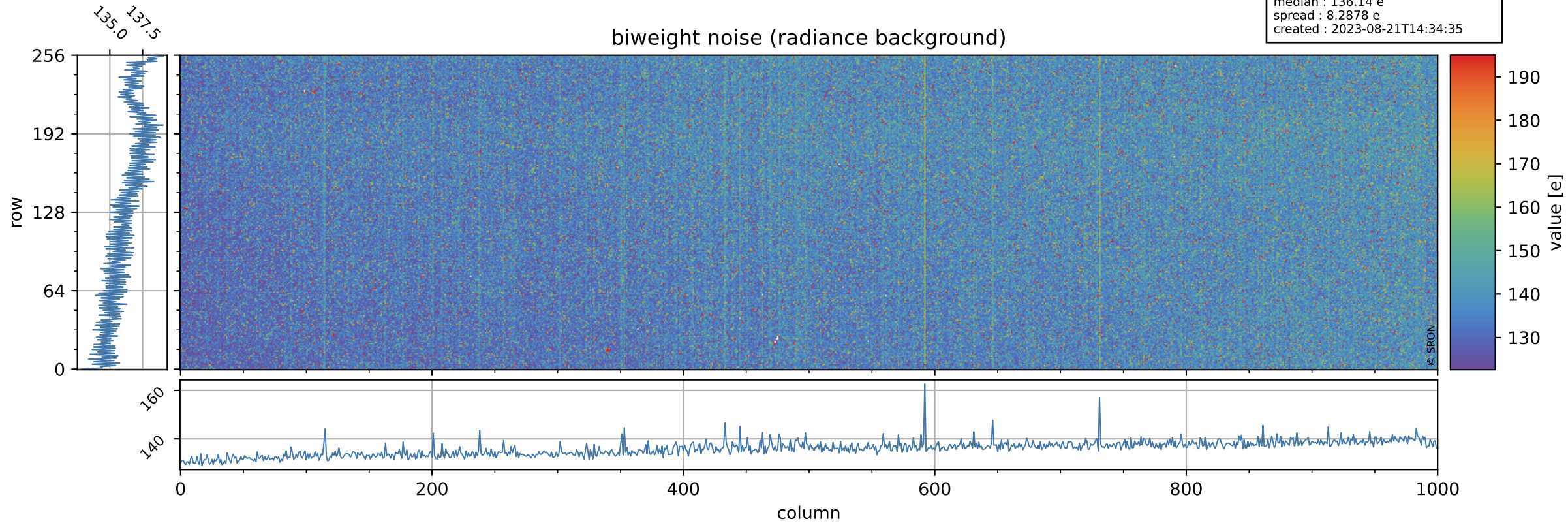
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.2878 e
created : 2023-08-21T14:34:35

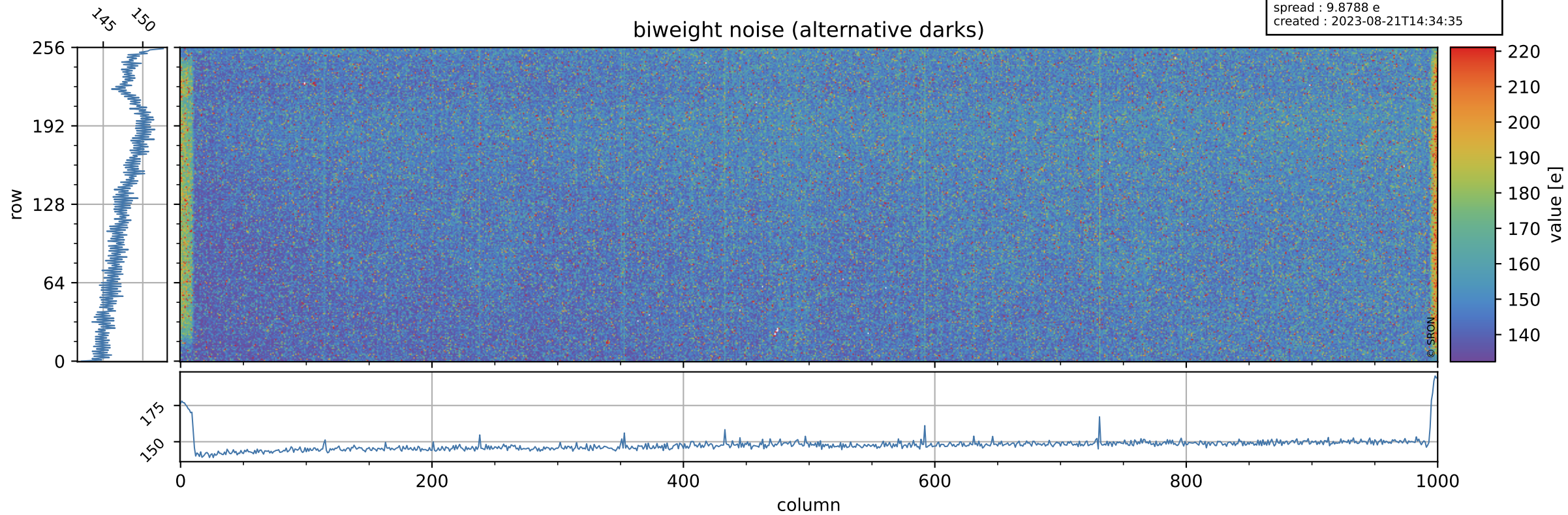
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8788 e
created : 2023-08-21T14:34:35

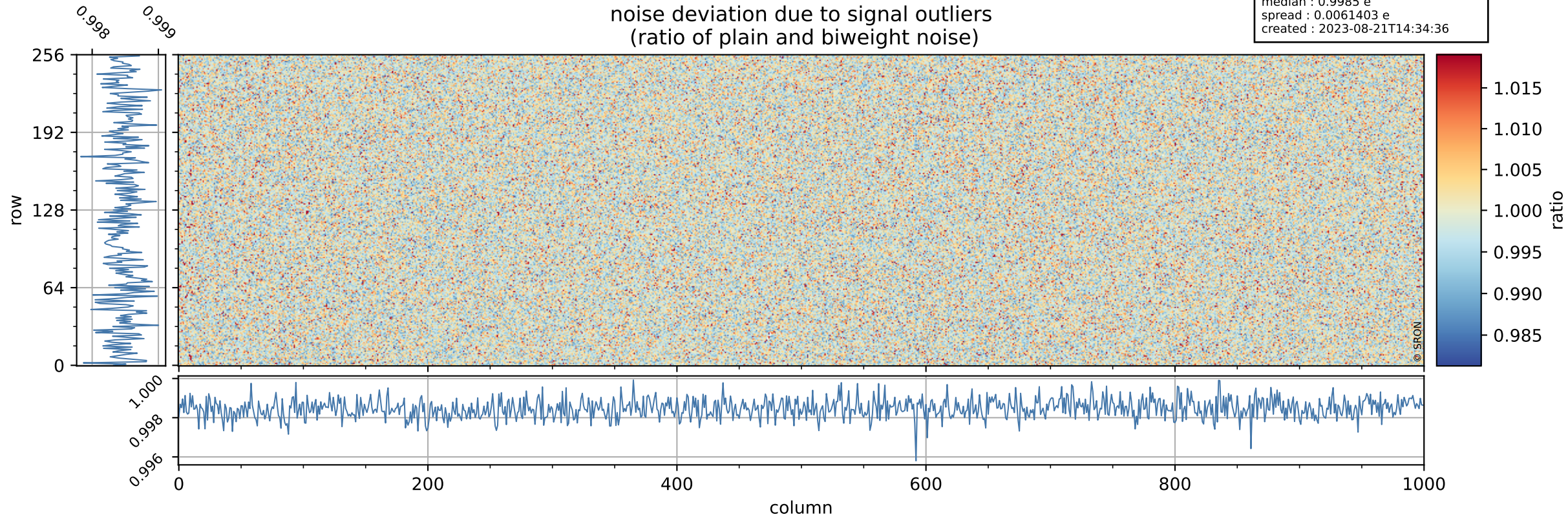
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

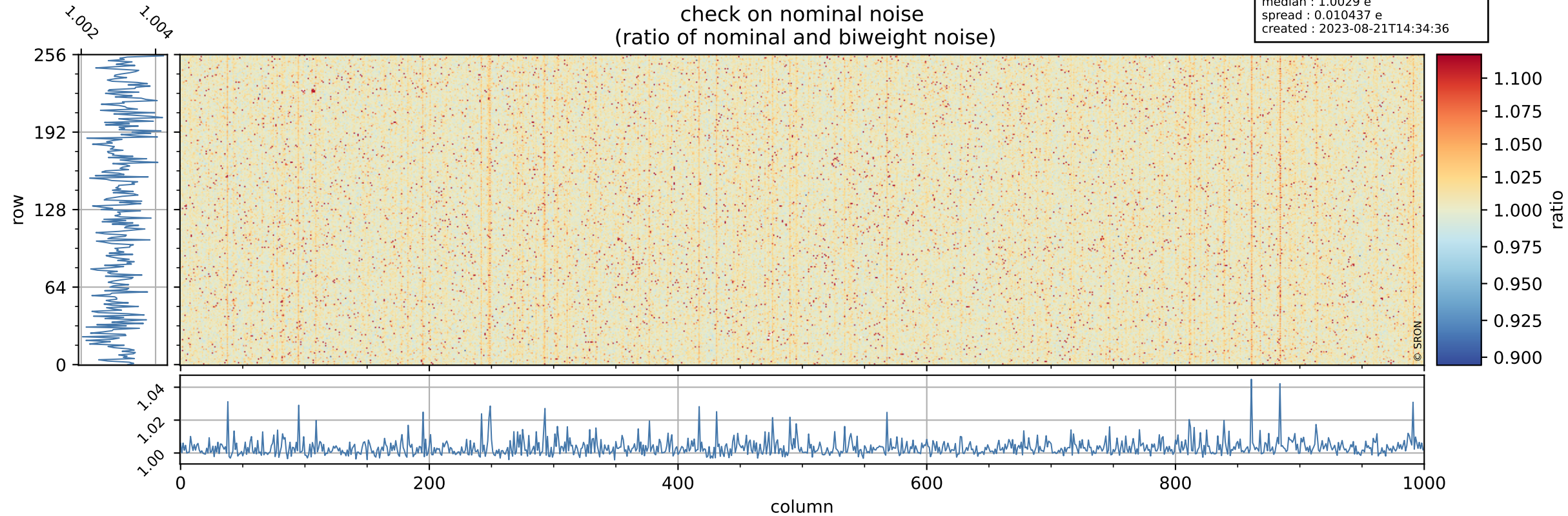
orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
median : 0.9985 e
spread : 0.0061403 e
created : 2023-08-21T14:34:36



Tropomi SWIR background noise (swir)

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

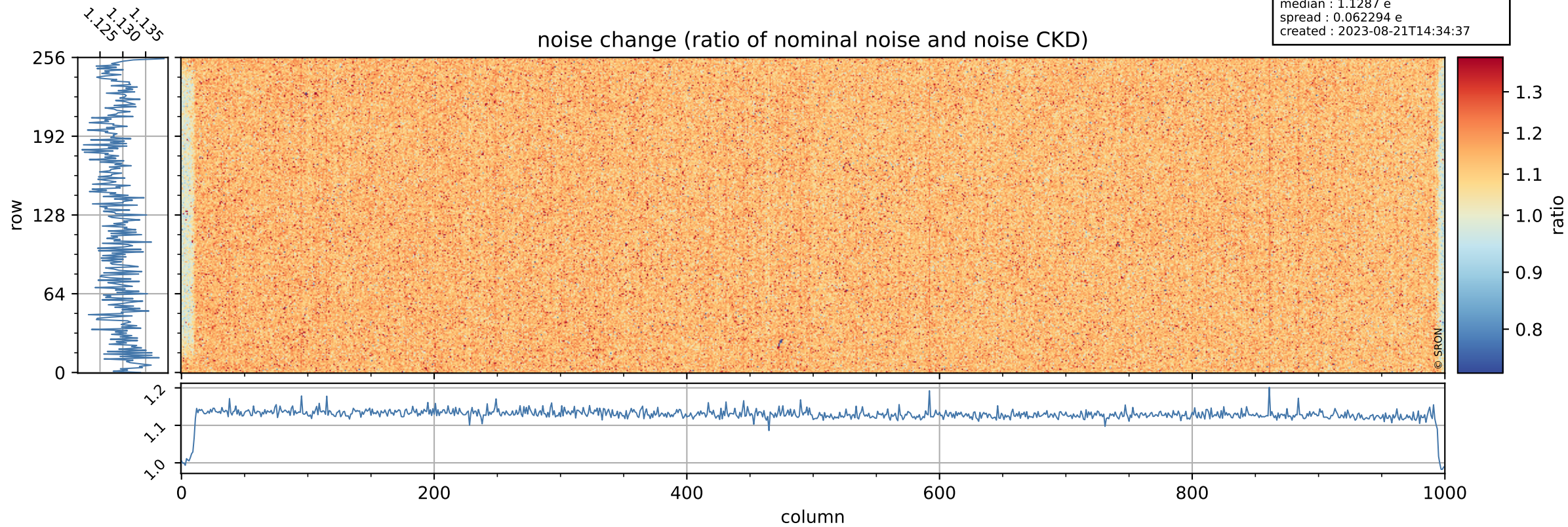
orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
median : 1.0029 e
spread : 0.010437 e
created : 2023-08-21T14:34:36



Tropomi SWIR background noise (swir)

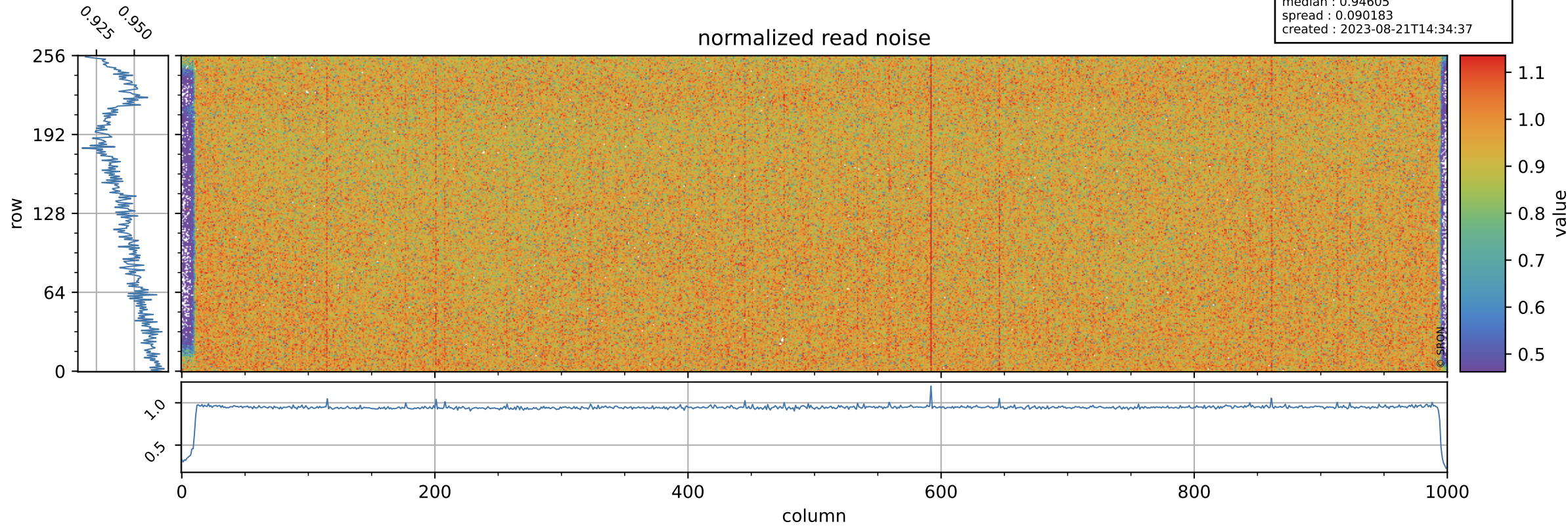
orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
median : 1.1287 e
spread : 0.062294 e
created : 2023-08-21T14:34:37

noise change (ratio of nominal noise and noise CKD)



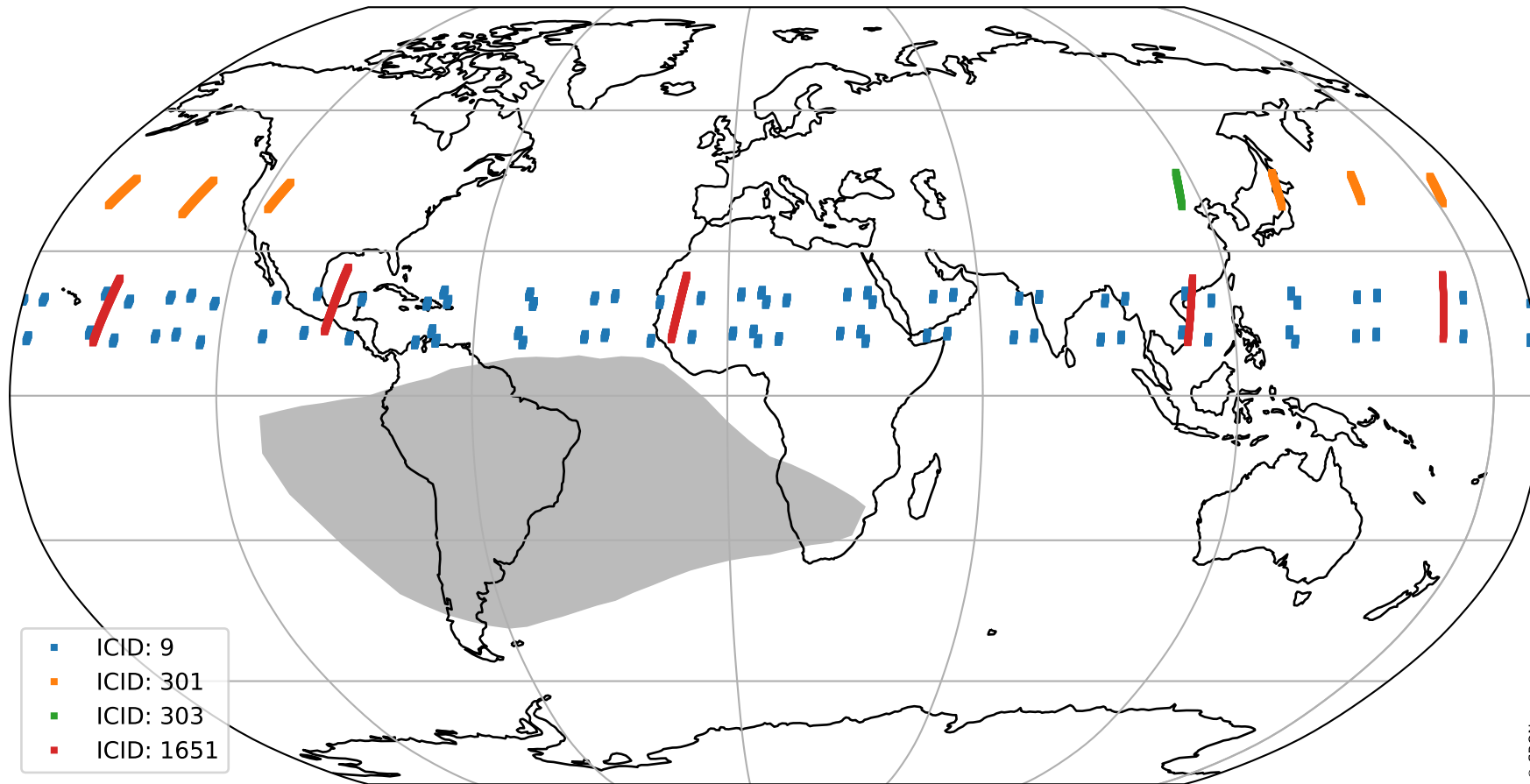
Tropomi SWIR background noise (swir)

orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
median : 0.94605
spread : 0.090183
created : 2023-08-21T14:34:37



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

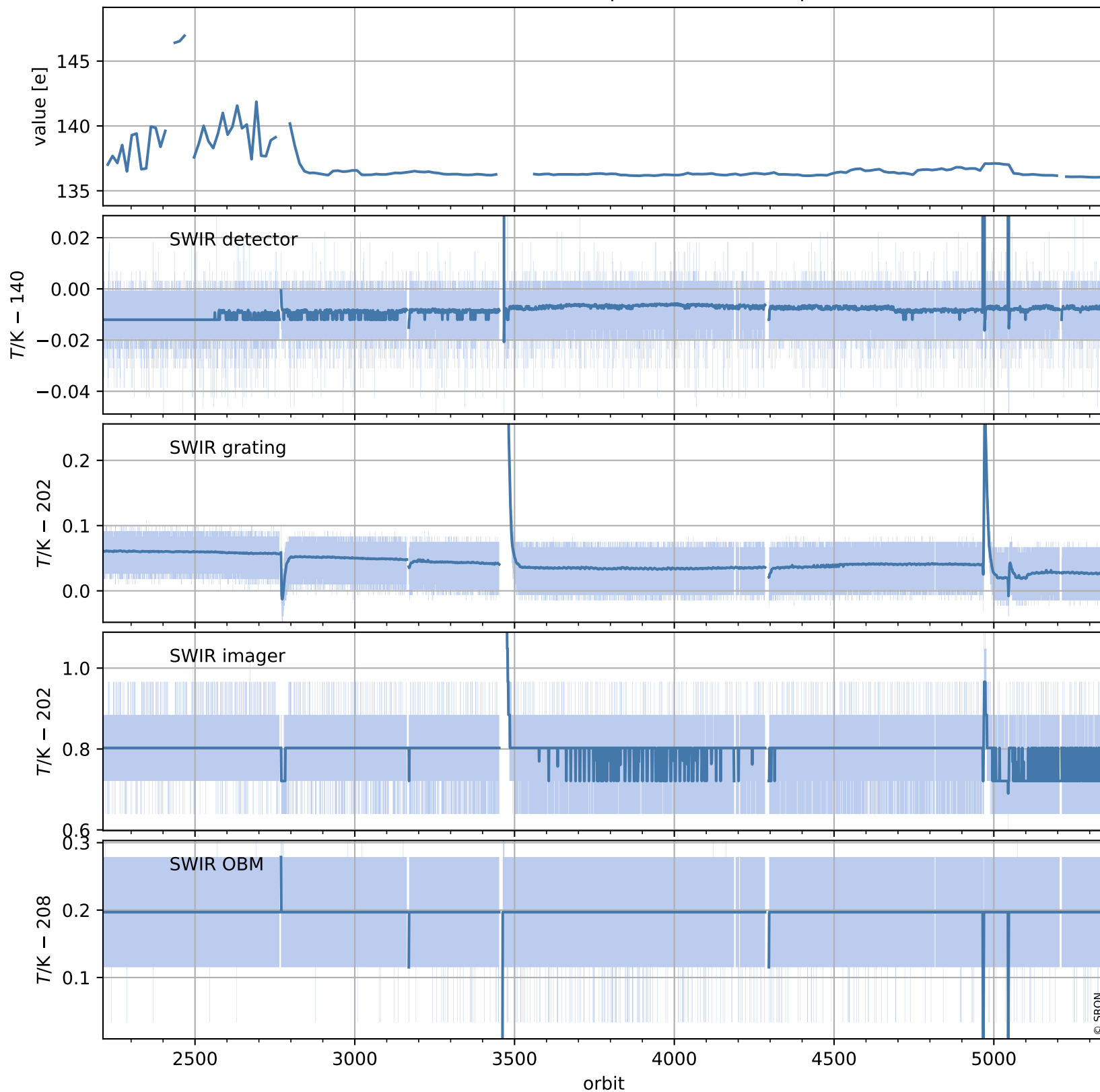
orbits : 12 in [5257, 5347]
coverage : 2018-10-19 / 2018-10-25
created : 2023-08-21T14:34:38



Tropomi SWIR background noise (swir)

orbits : [2212, 5347]
coverage : 2018-03-18 / 2018-10-25
created : 2023-08-21T14:34:38

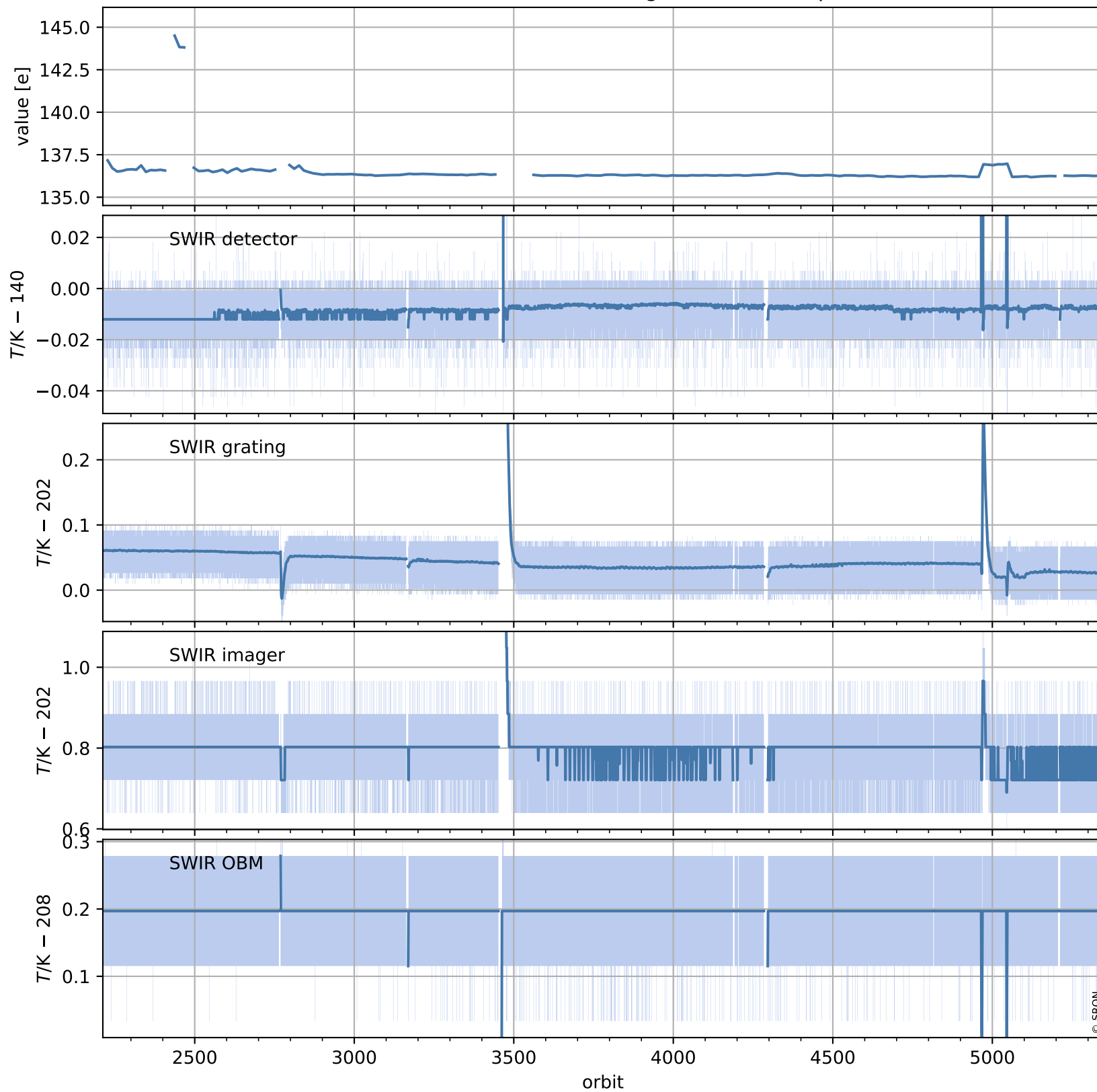
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5347]
coverage : 2018-03-18 / 2018-10-25
created : 2023-08-21T14:34:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5347]
coverage : 2018-03-18 / 2018-10-25
created : 2023-08-21T14:34:39

trend of normalized read-noise & temperatures

