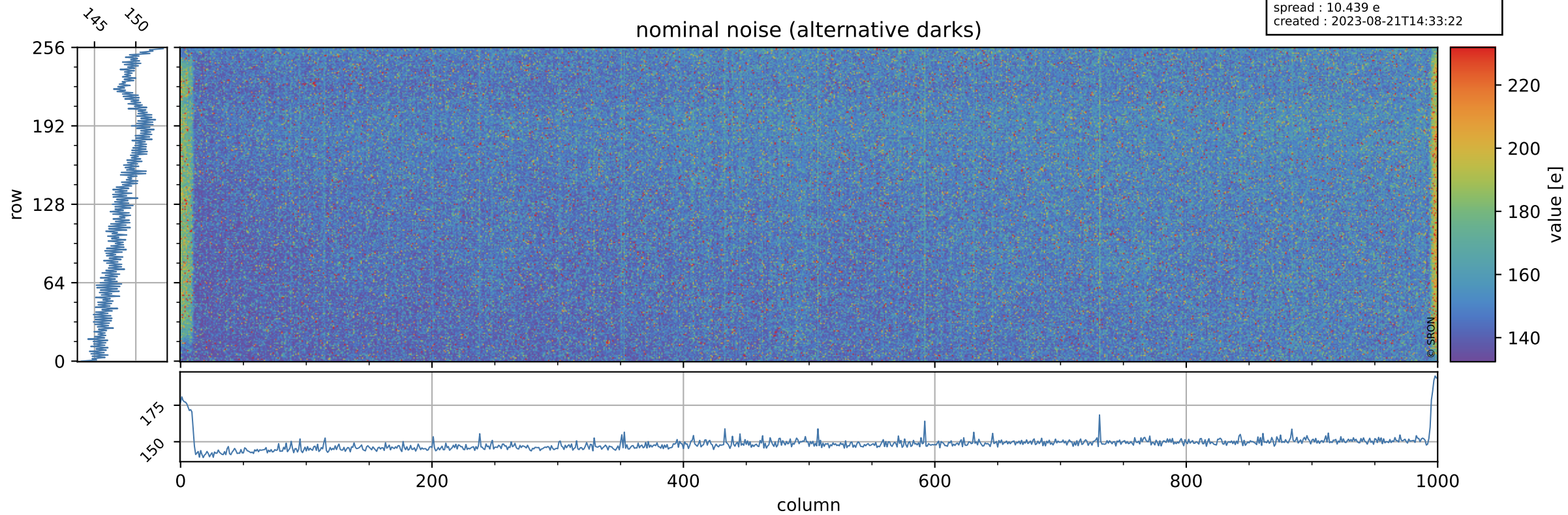


Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.439 e
created : 2023-08-21T14:33:22

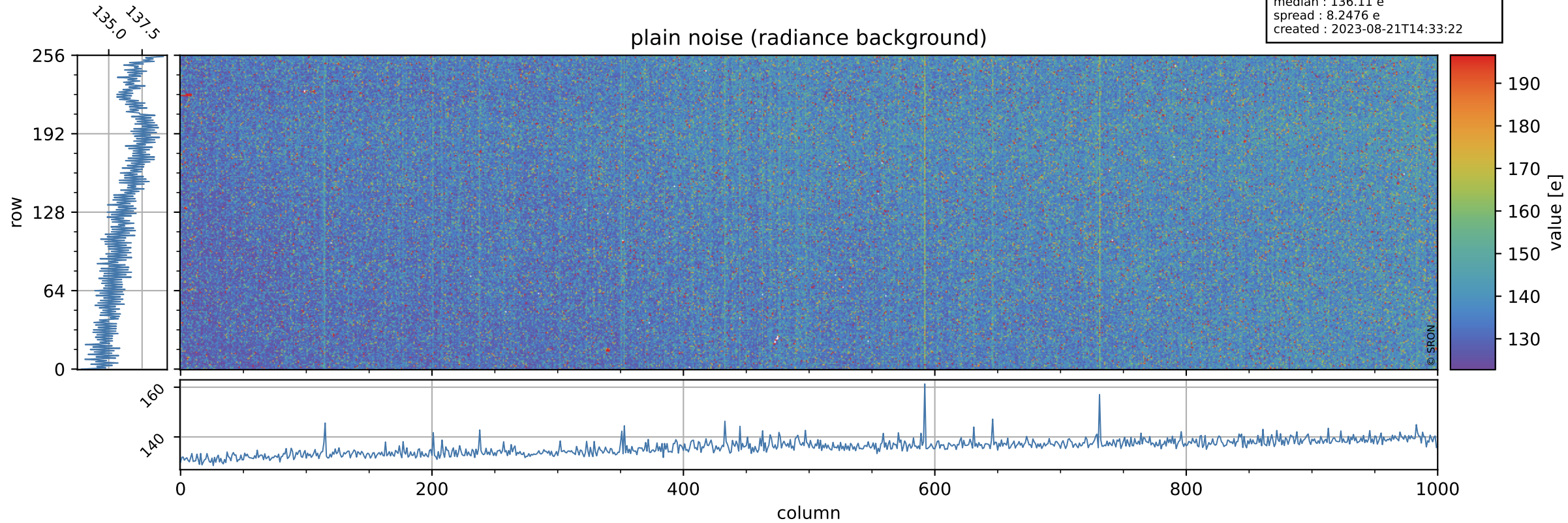
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.2476 e
created : 2023-08-21T14:33:22

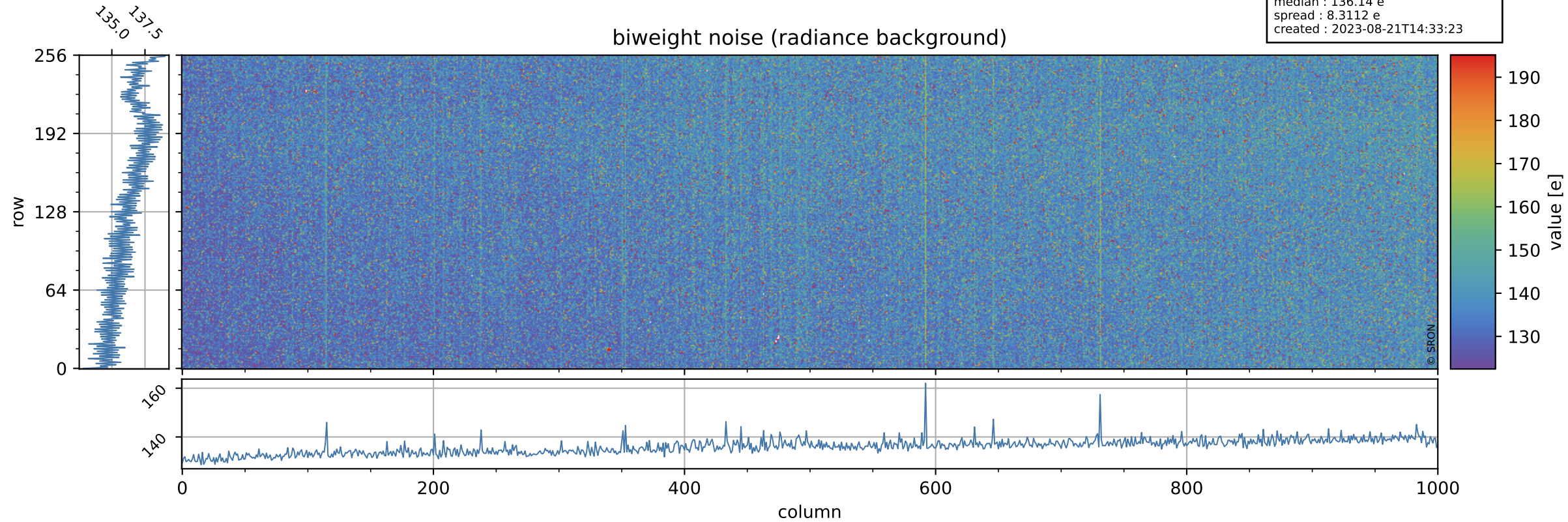
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.3112 e
created : 2023-08-21T14:33:23

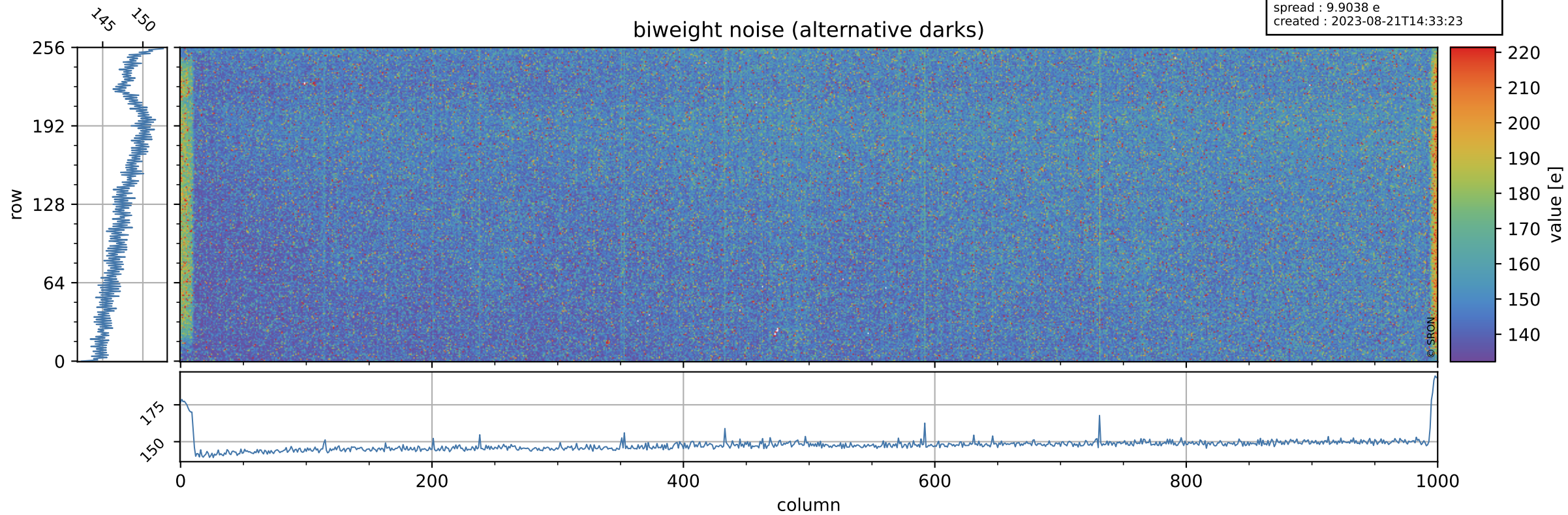
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9038 e
created : 2023-08-21T14:33:23

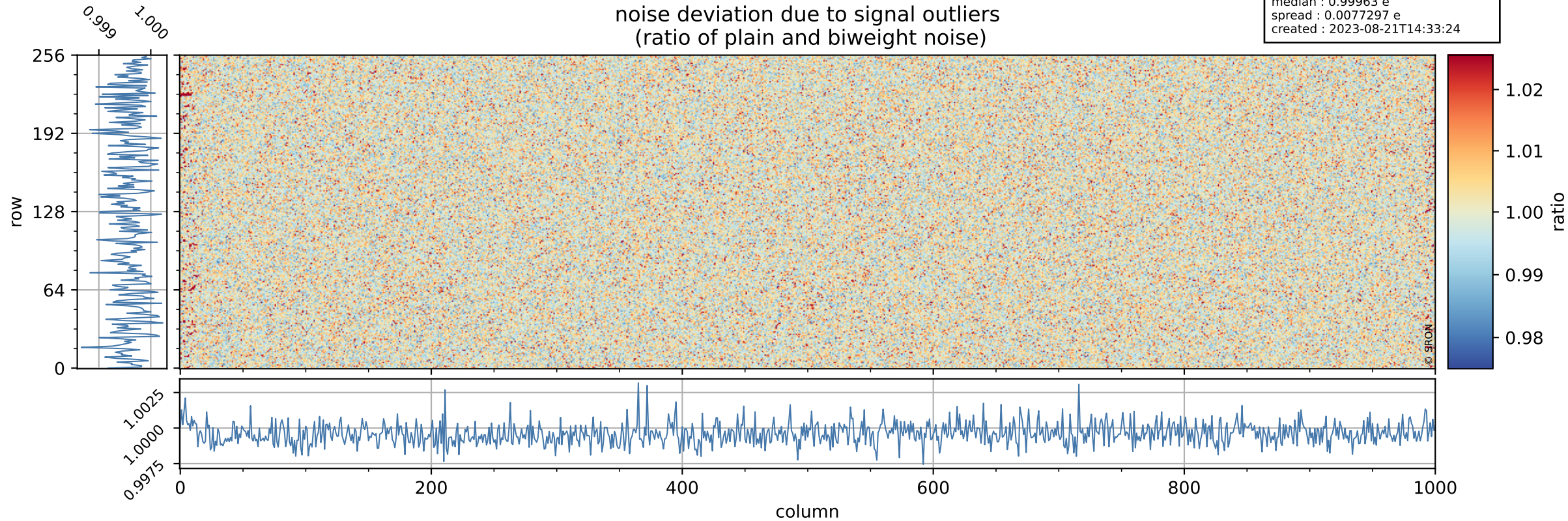
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

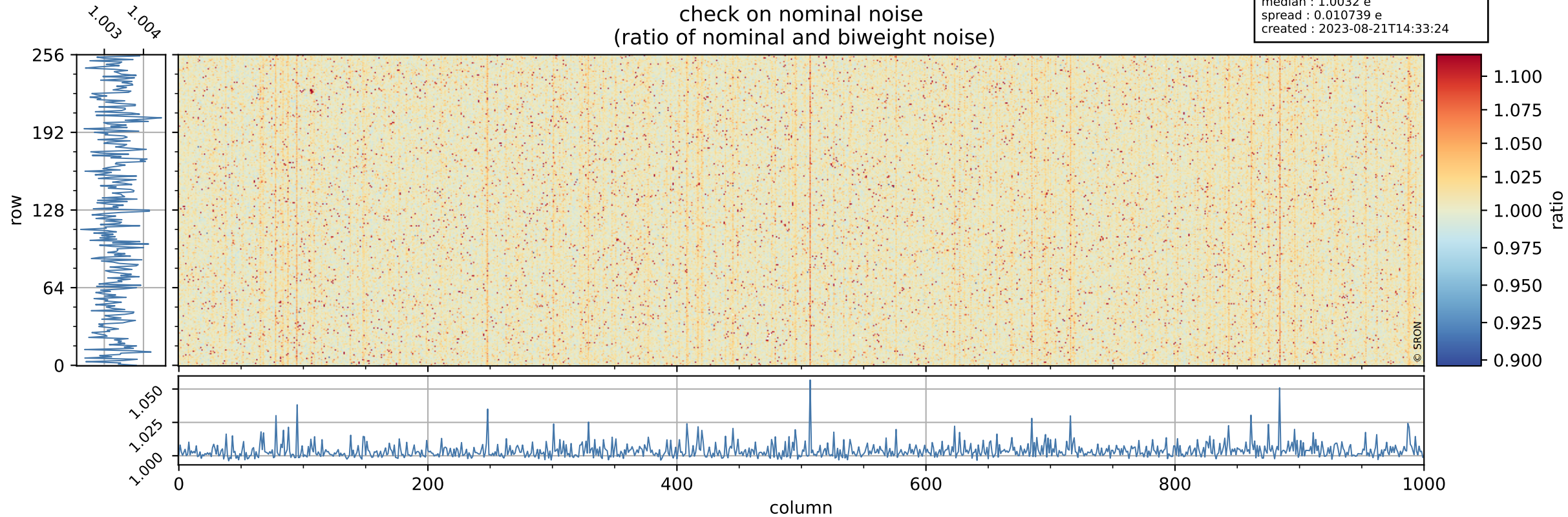
orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
median : 0.99963 e
spread : 0.0077297 e
created : 2023-08-21T14:33:24



Tropomi SWIR background noise (swir)

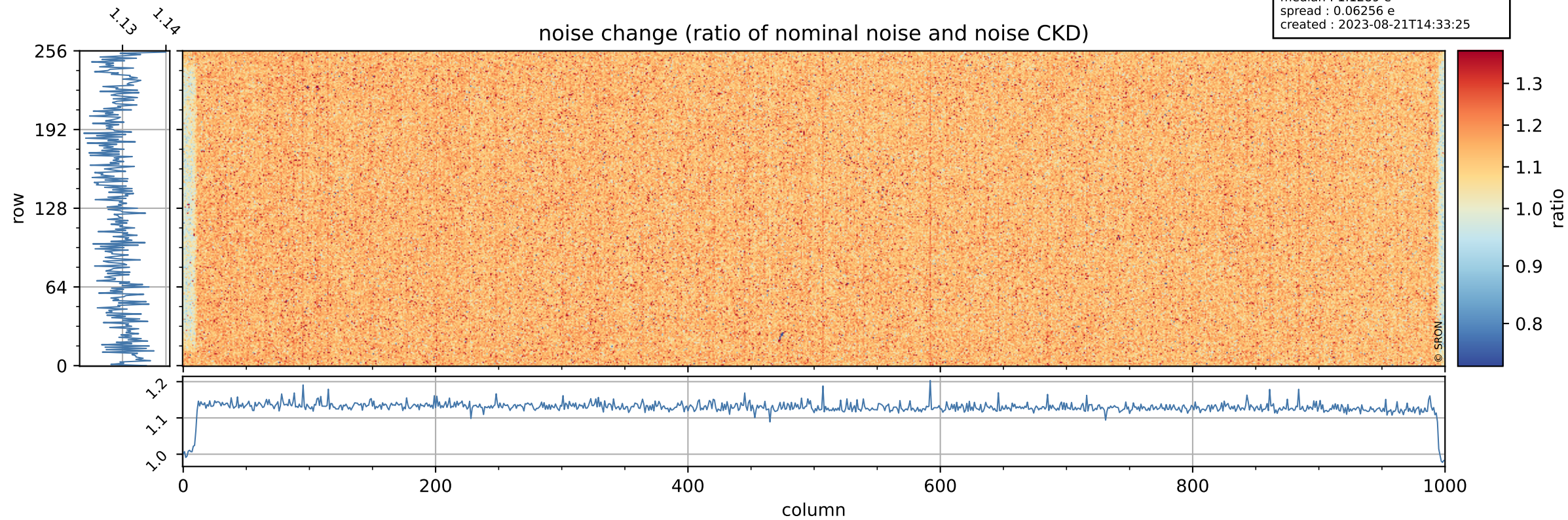
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
median : 1.0032 e
spread : 0.010739 e
created : 2023-08-21T14:33:24



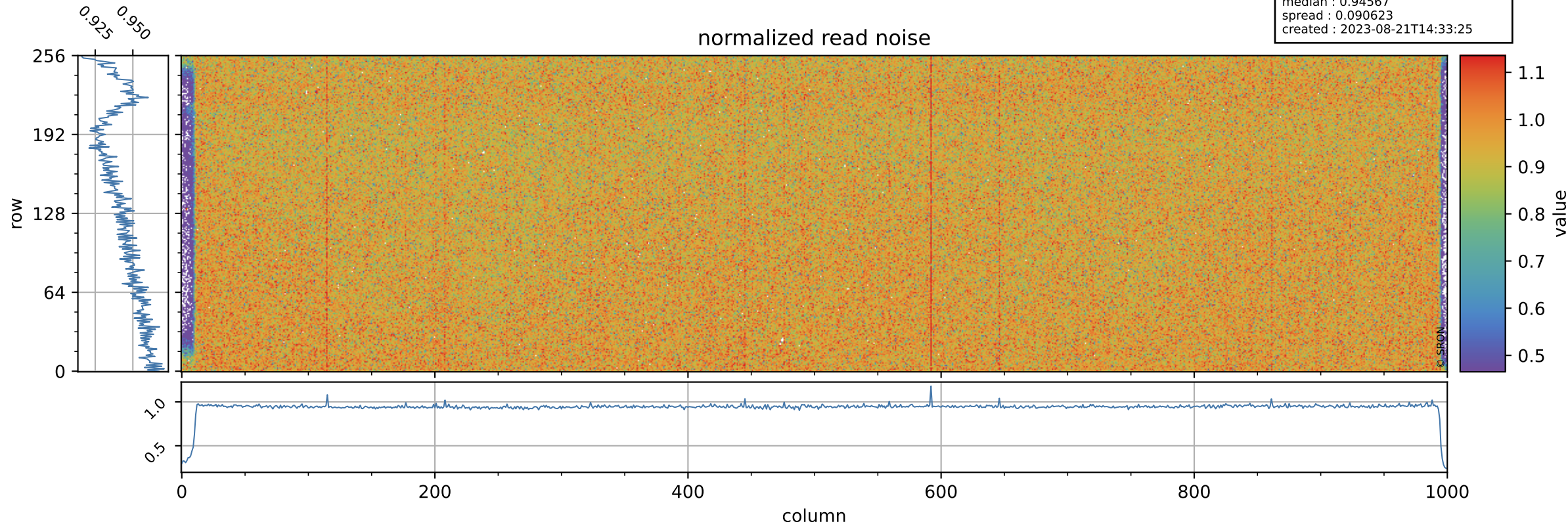
Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
median : 1.1289 e
spread : 0.06256 e
created : 2023-08-21T14:33:25



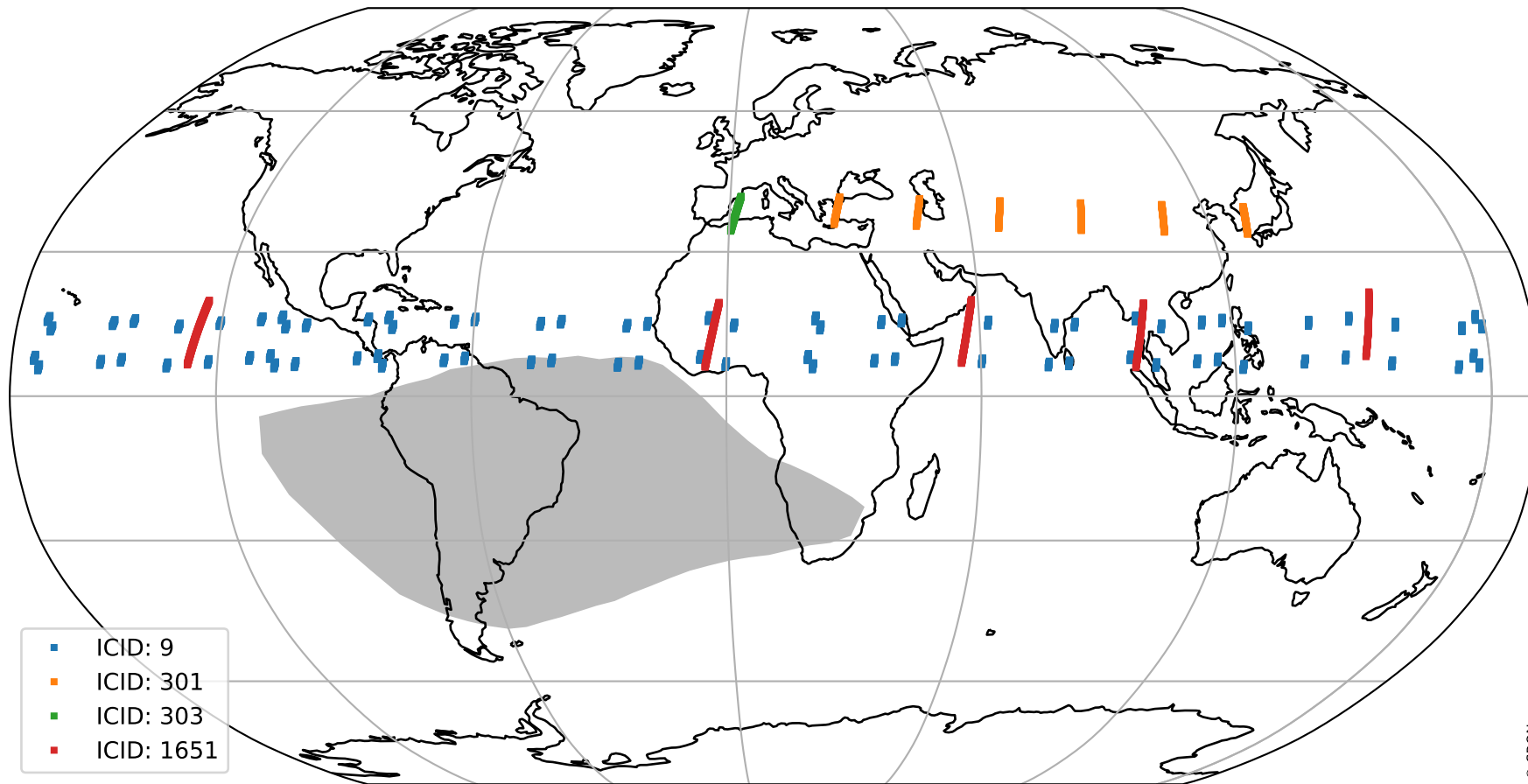
Tropomi SWIR background noise (swir)

orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
median : 0.94567
spread : 0.090623
created : 2023-08-21T14:33:25



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

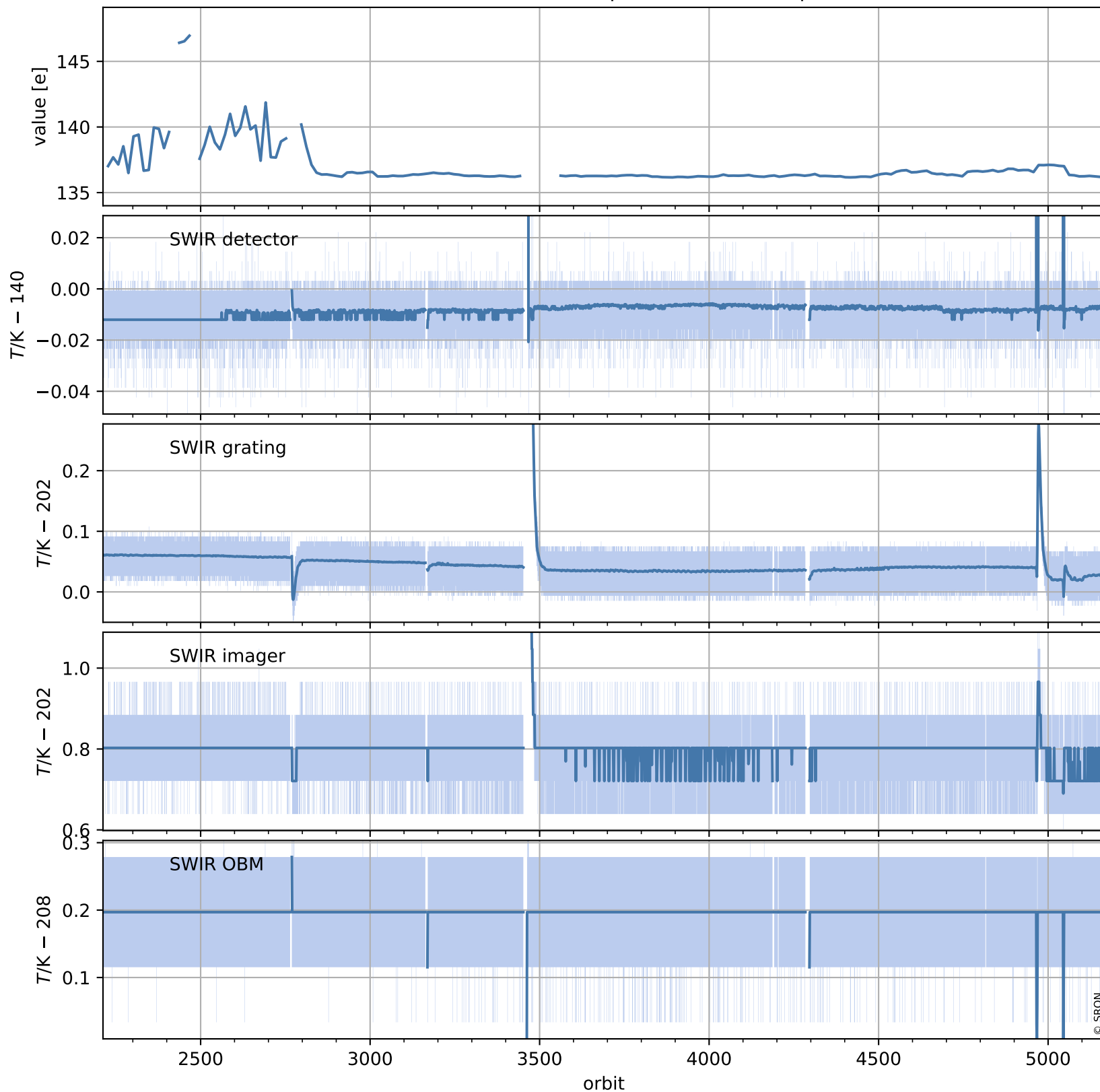
orbits : 12 in [5077, 5167]
coverage : 2018-10-06 / 2018-10-12
created : 2023-08-21T14:33:25



Tropomi SWIR background noise (swir)

orbits : [2212, 5167]
coverage : 2018-03-18 / 2018-10-12
created : 2023-08-21T14:33:26

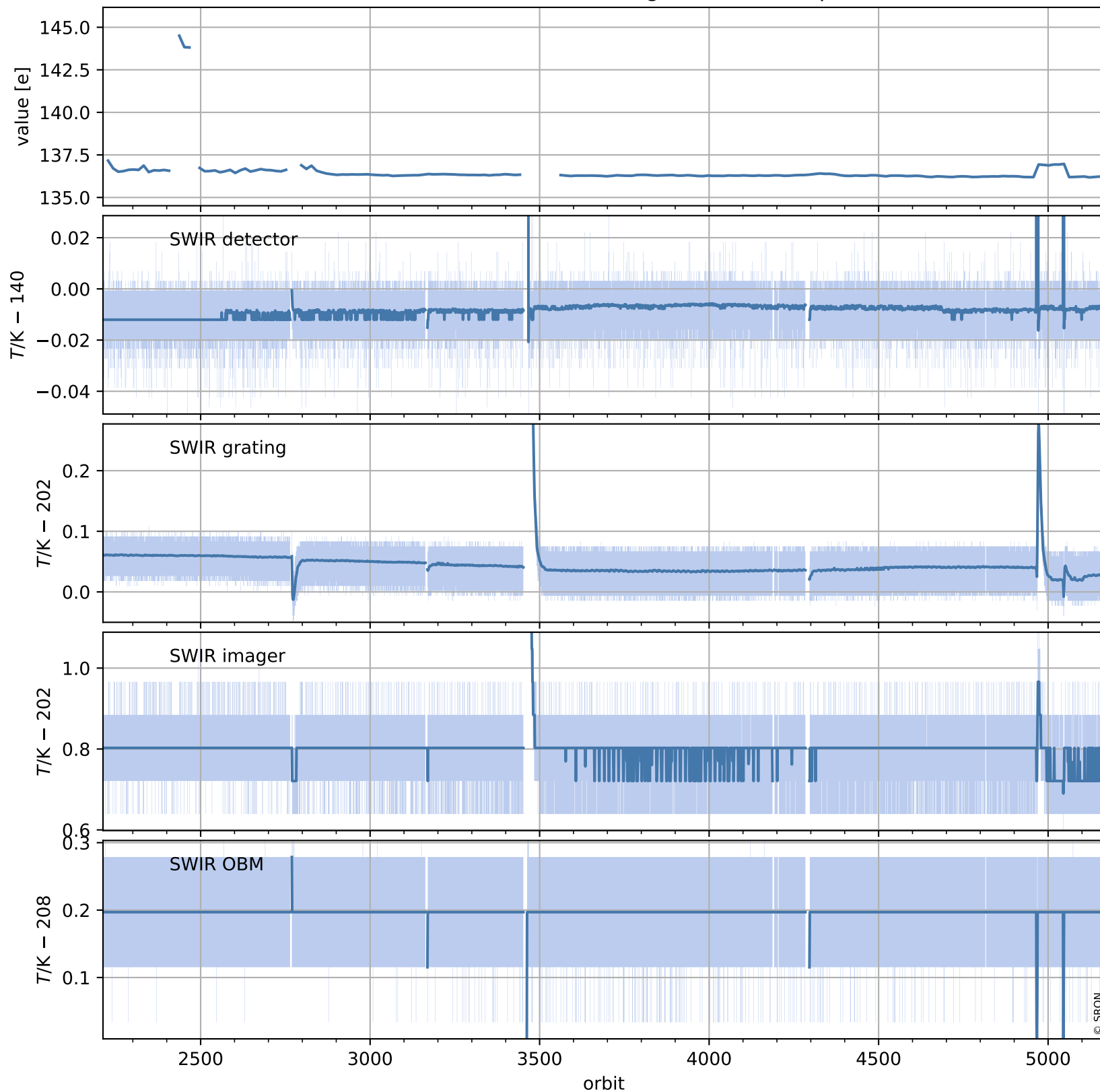
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5167]
coverage : 2018-03-18 / 2018-10-12
created : 2023-08-21T14:33:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5167]
coverage : 2018-03-18 / 2018-10-12
created : 2023-08-21T14:33:27

trend of normalized read-noise & temperatures

