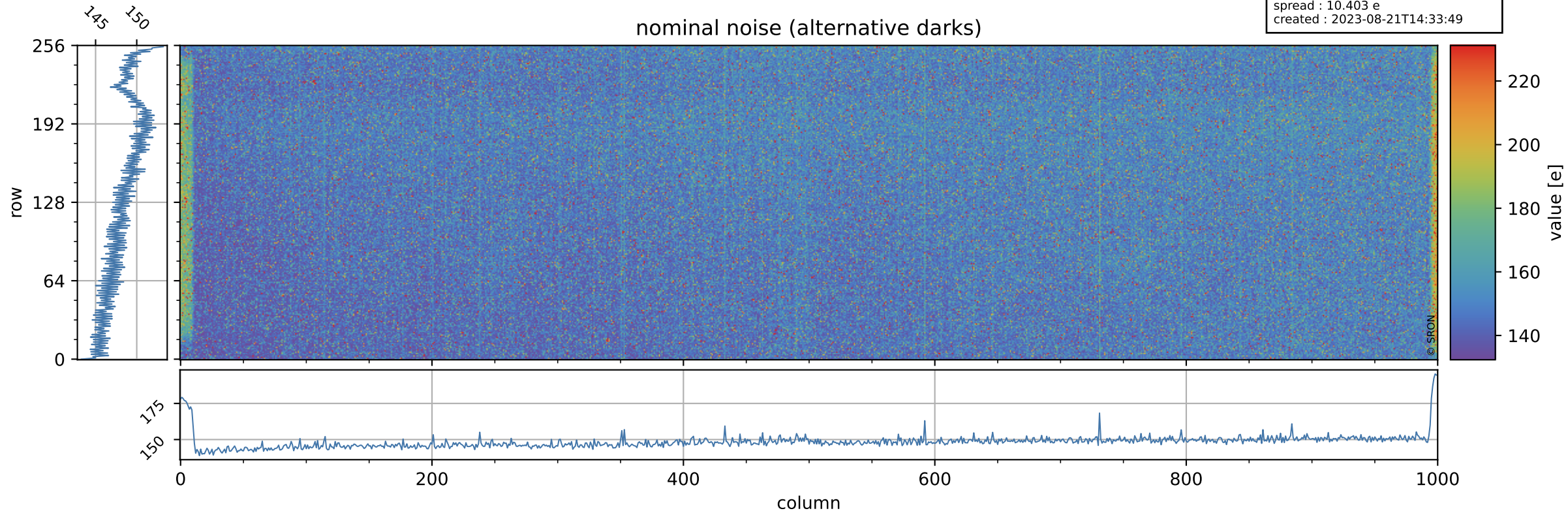


Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.403 e
created : 2023-08-21T14:33:49

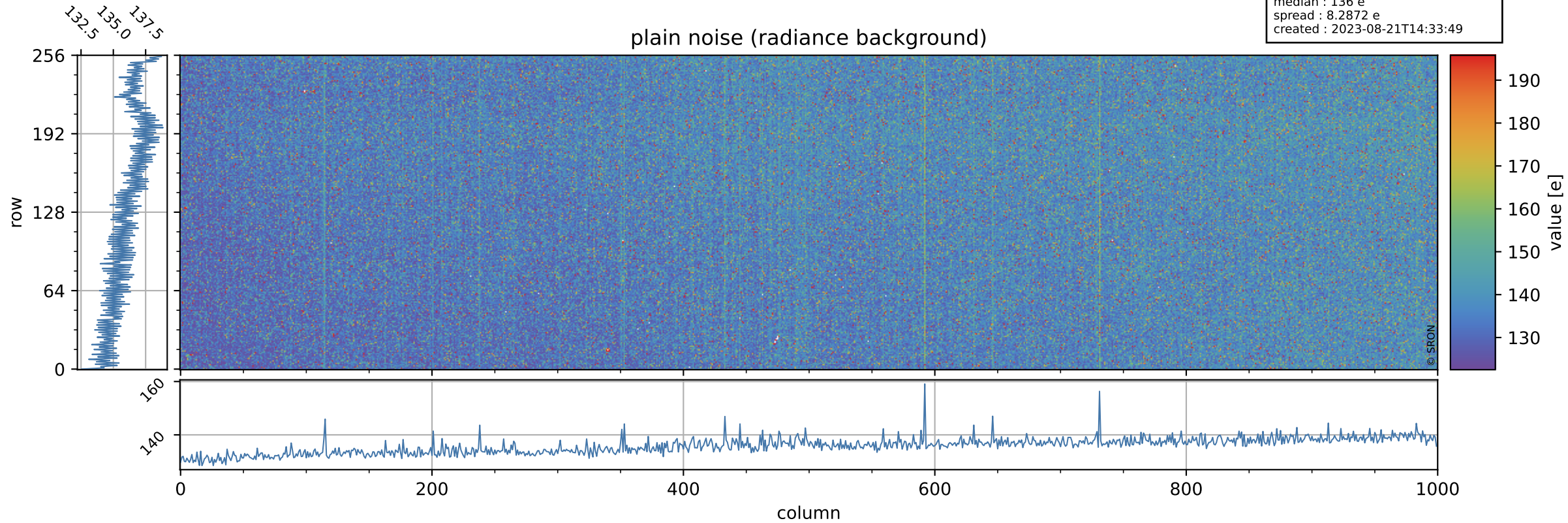
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2872 e
created : 2023-08-21T14:33:49

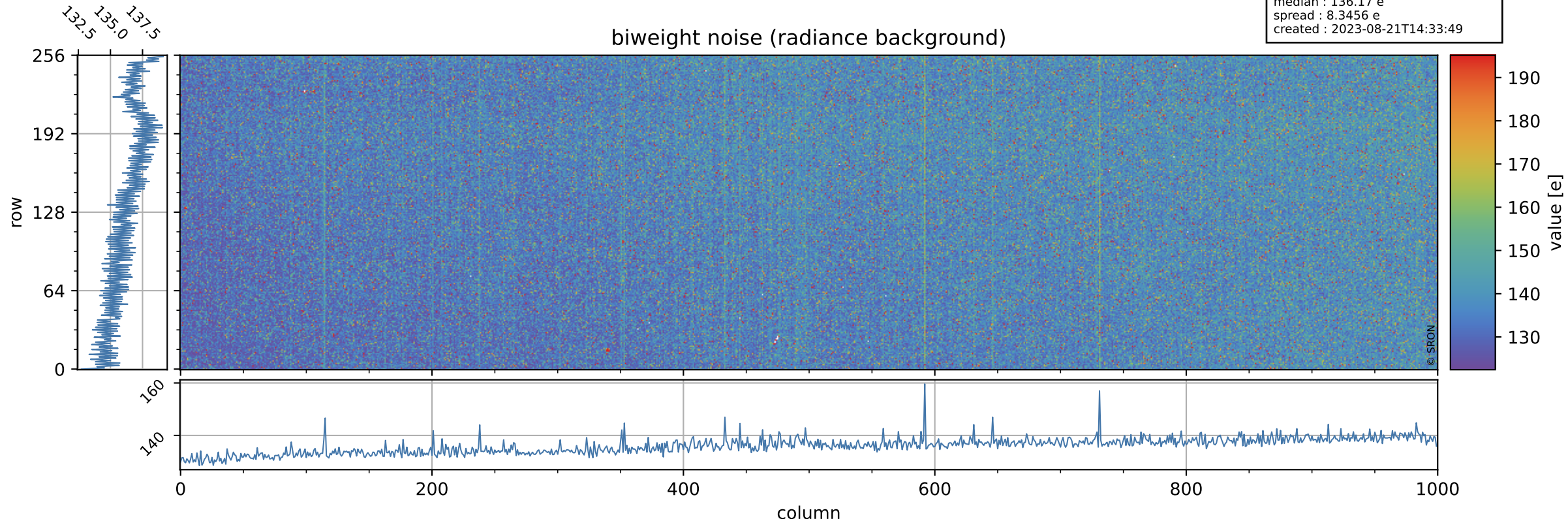
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3456 e
created : 2023-08-21T14:33:49

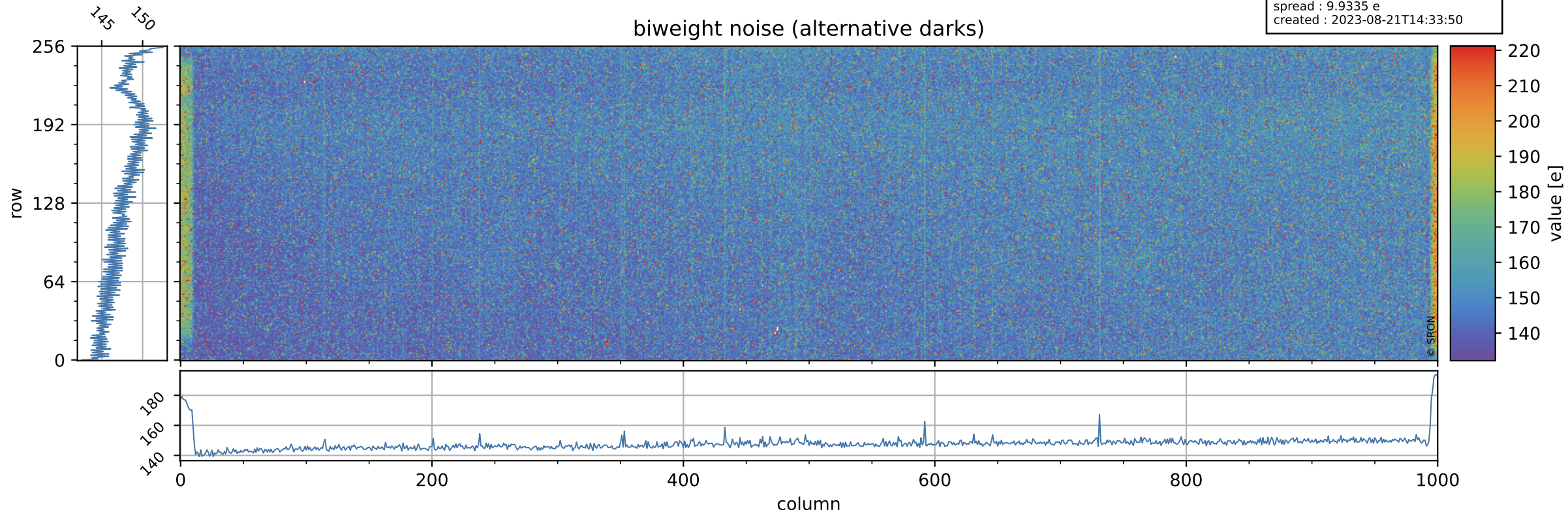
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9335 e
created : 2023-08-21T14:33:50

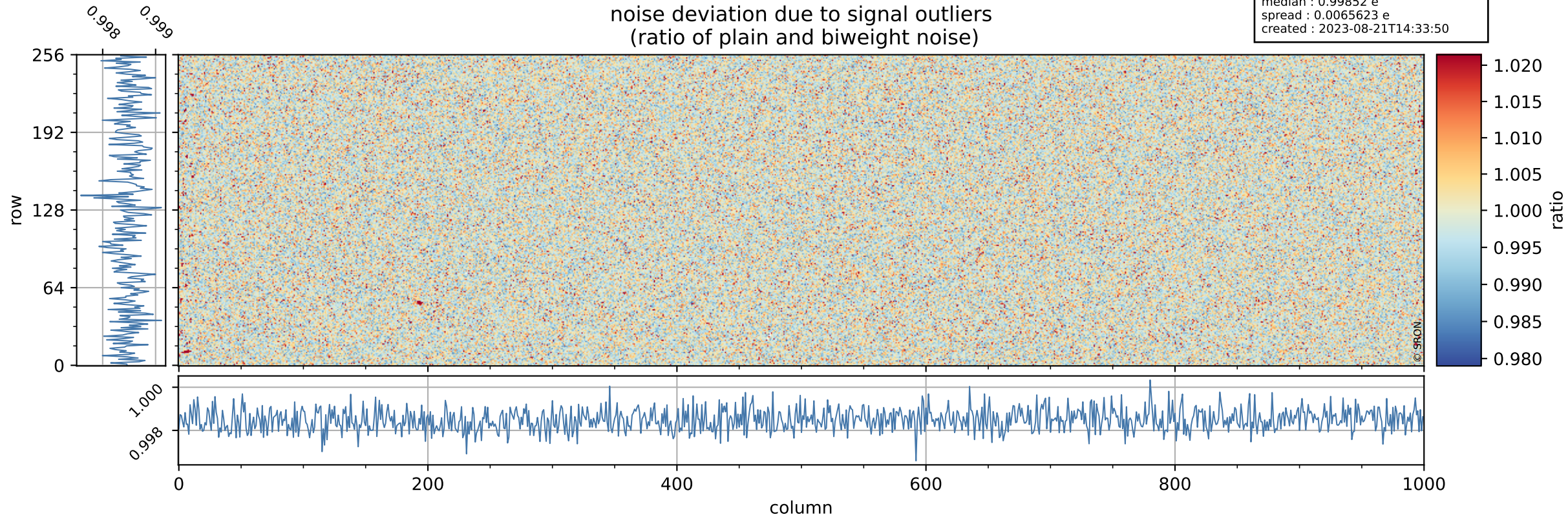
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

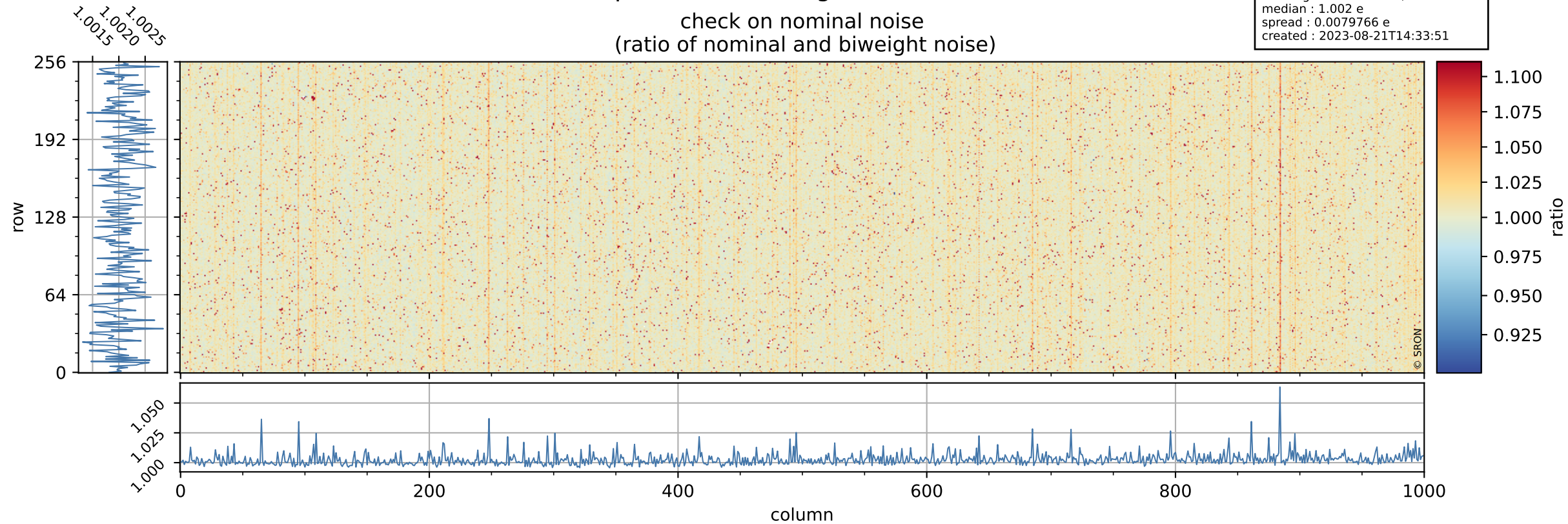
orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
median : 0.99852 e
spread : 0.0065623 e
created : 2023-08-21T14:33:50



Tropomi SWIR background noise (swir)

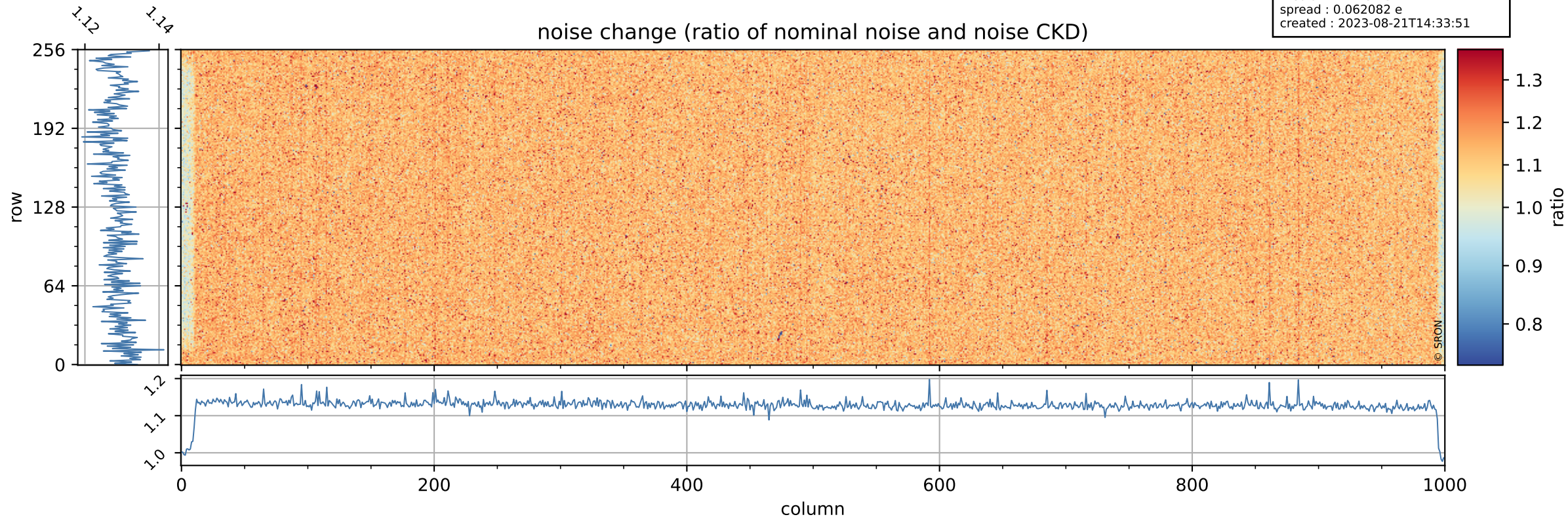
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
median : 1.002 e
spread : 0.0079766 e
created : 2023-08-21T14:33:51



Tropomi SWIR background noise (swir)

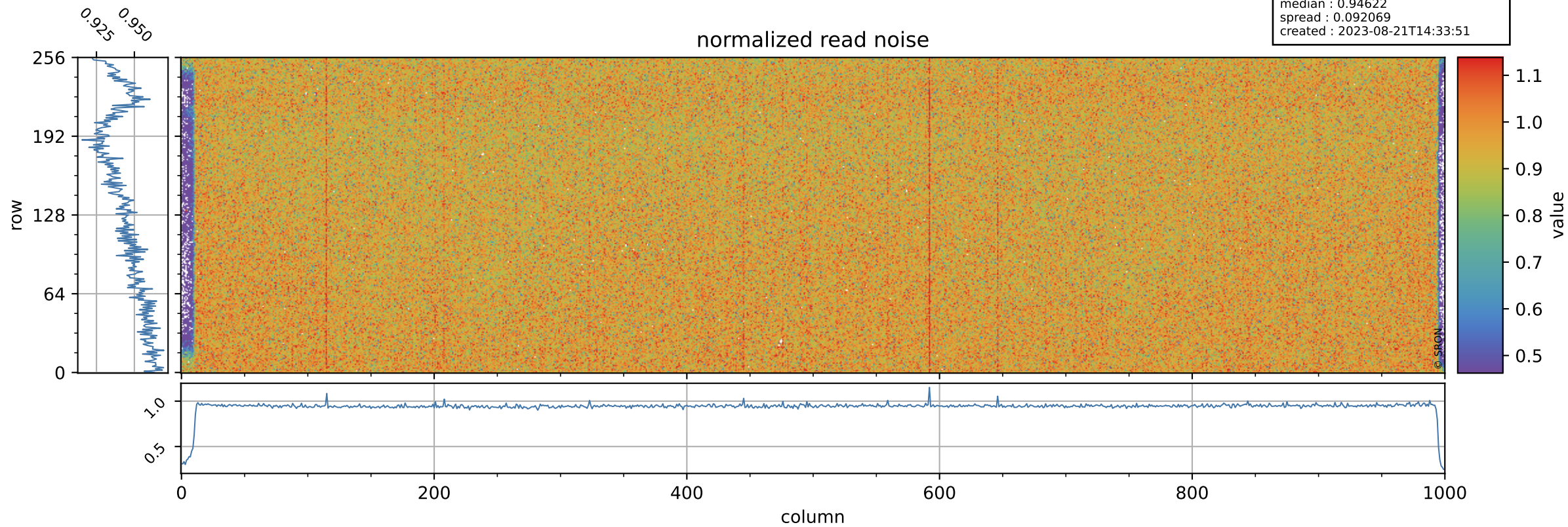
orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
median : 1.1282 e
spread : 0.062082 e
created : 2023-08-21T14:33:51



Tropomi SWIR background noise (swir)

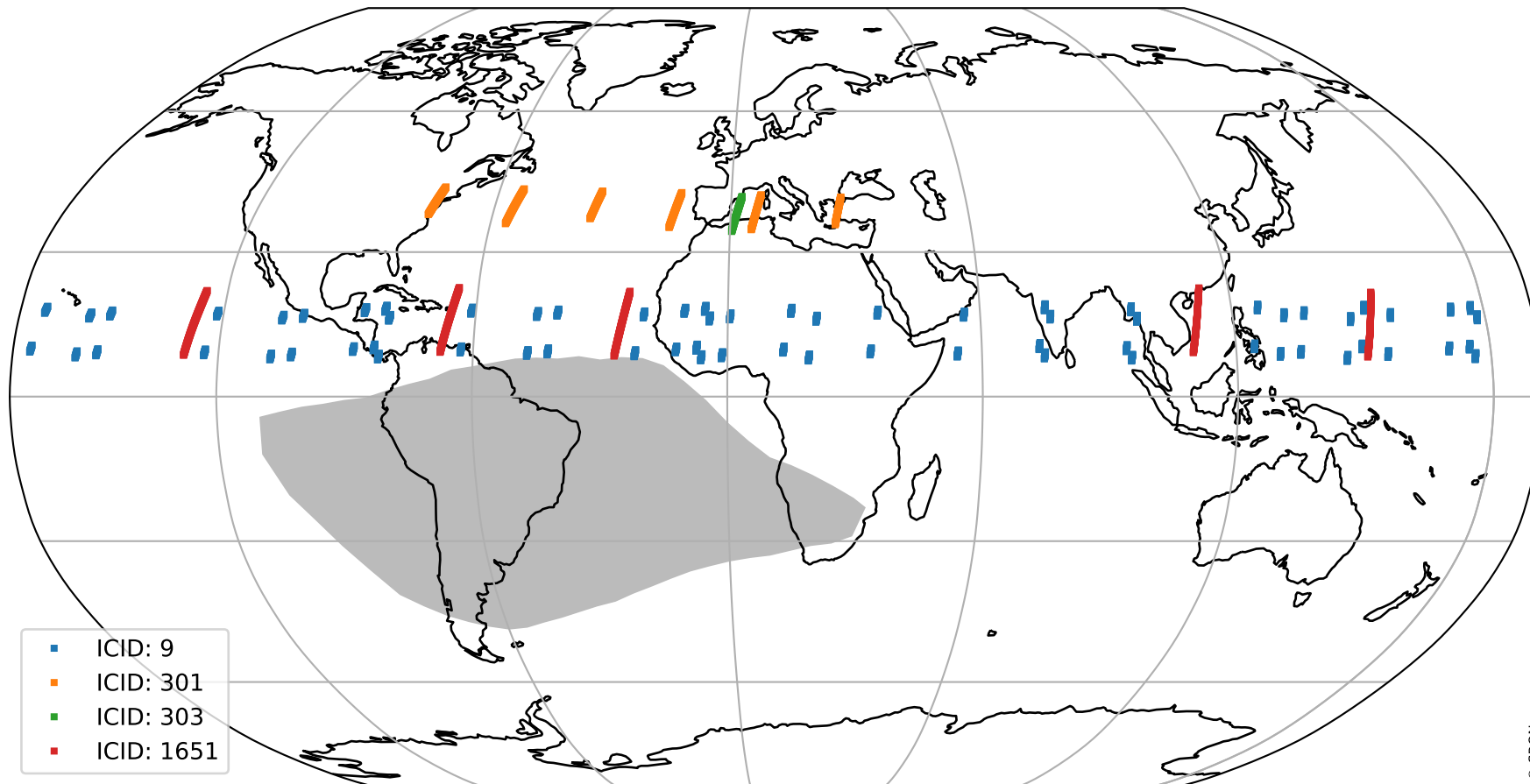
orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
median : 0.94622
spread : 0.092069
created : 2023-08-21T14:33:51

normalized read noise



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

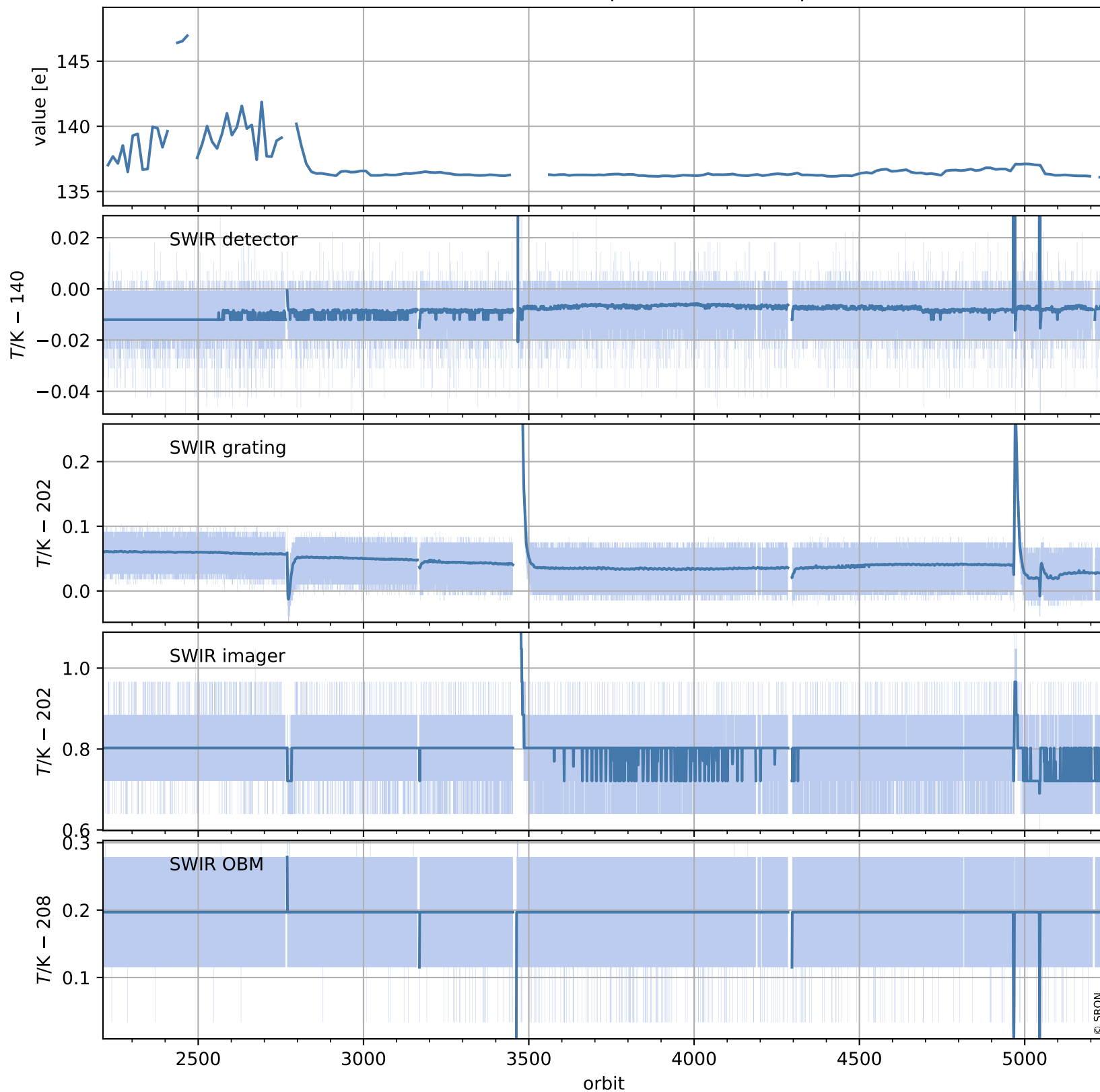
orbits : 12 in [5167, 5242]
coverage : 2018-10-11 / 2018-10-17
created : 2023-08-21T14:33:52



Tropomi SWIR background noise (swir)

orbits : [2212, 5242]
coverage : 2018-03-18 / 2018-10-17
created : 2023-08-21T14:33:52

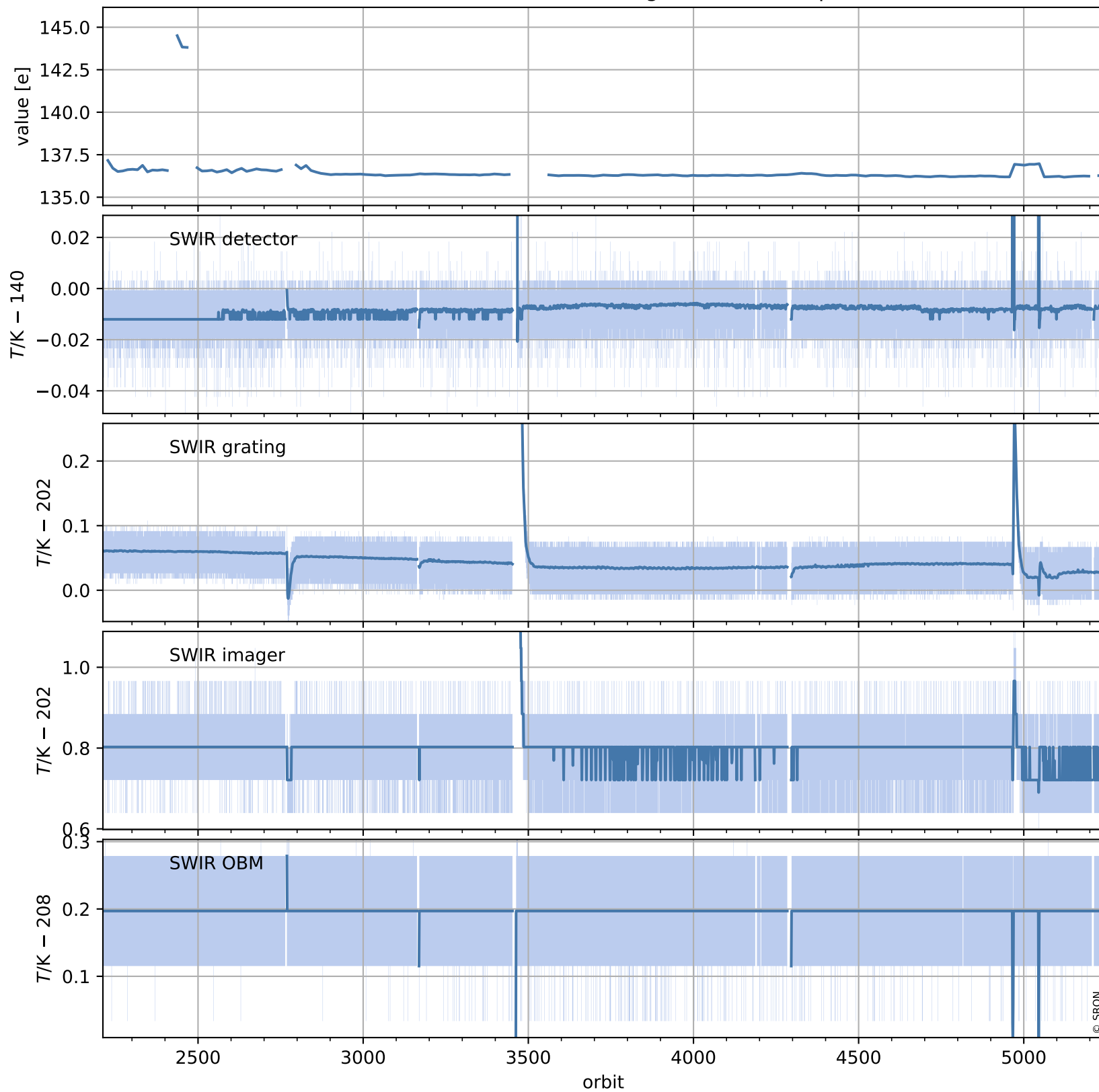
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5242]
coverage : 2018-03-18 / 2018-10-17
created : 2023-08-21T14:33:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5242]
coverage : 2018-03-18 / 2018-10-17
created : 2023-08-21T14:33:53

trend of normalized read-noise & temperatures

