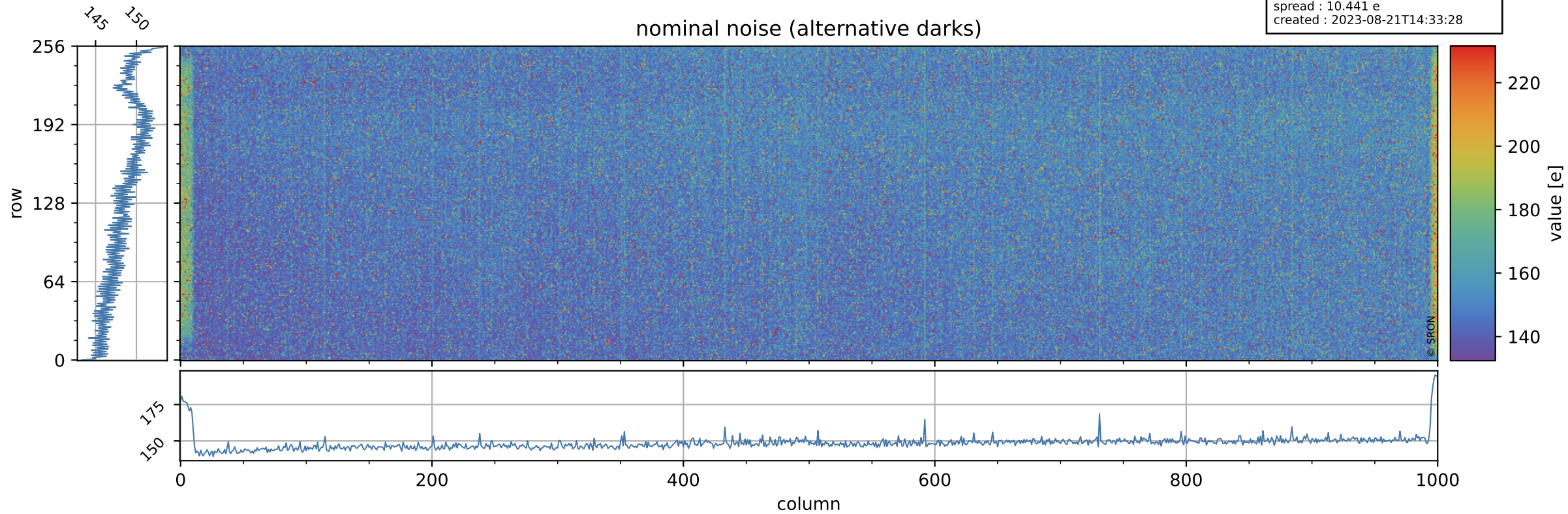


Tropomi SWIR background noise (swir)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.441 e
created : 2023-08-21T14:33:28

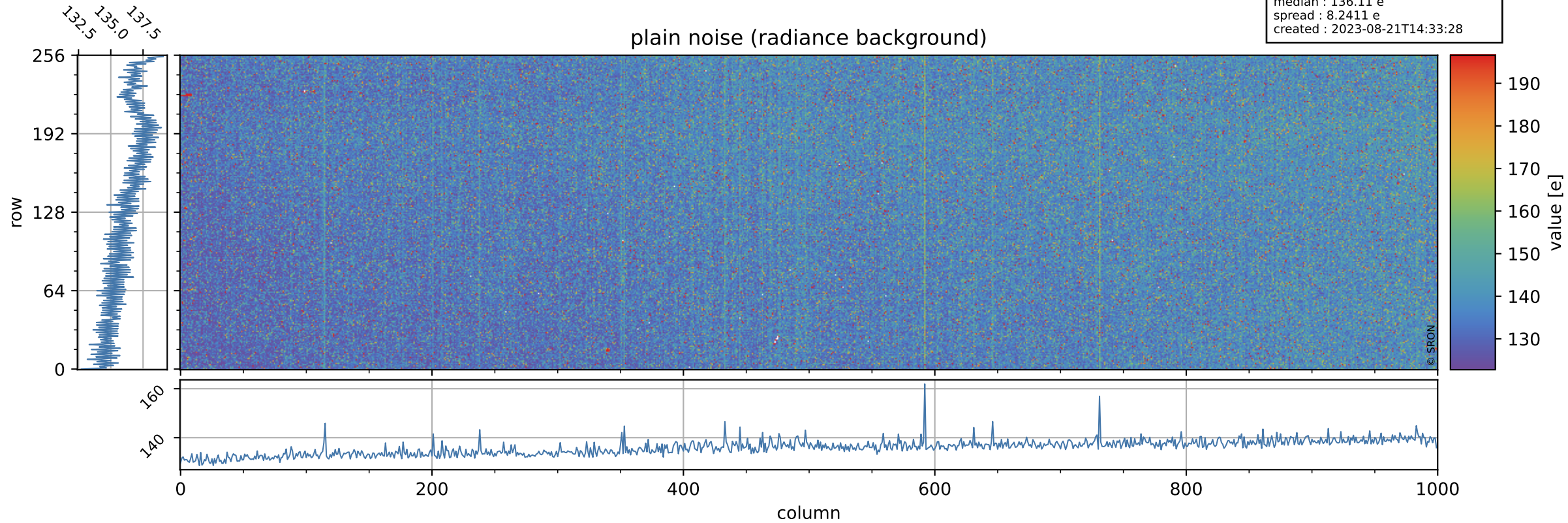
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.2411 e
created : 2023-08-21T14:33:28

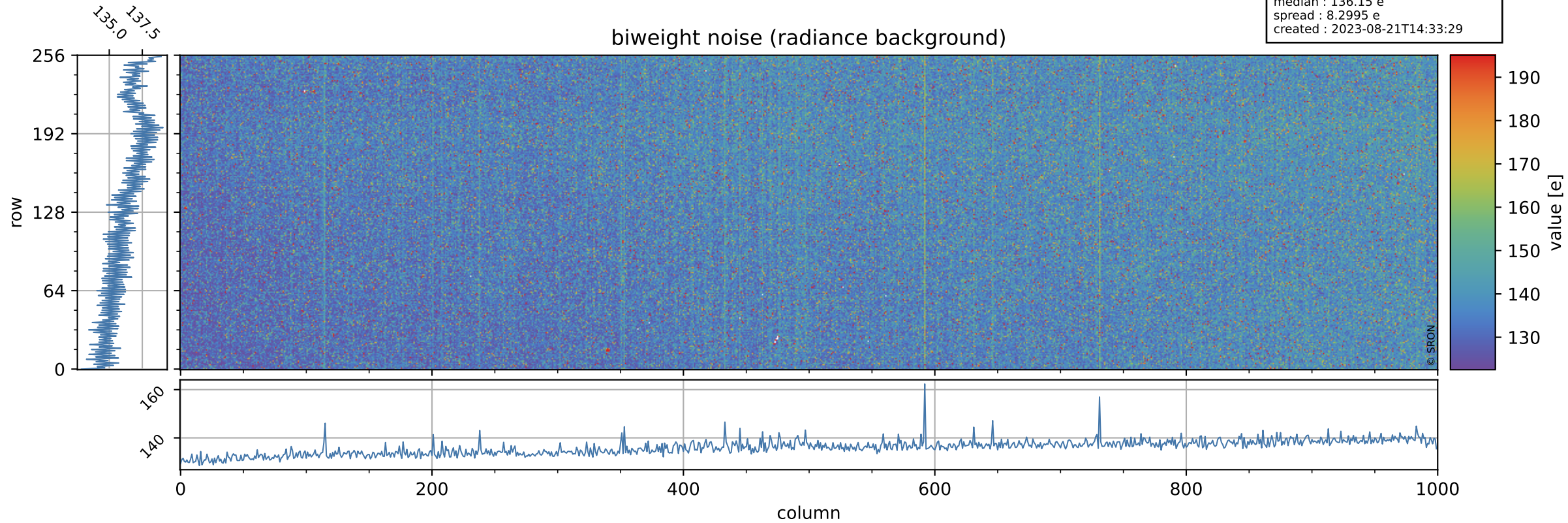
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.2995 e
created : 2023-08-21T14:33:29

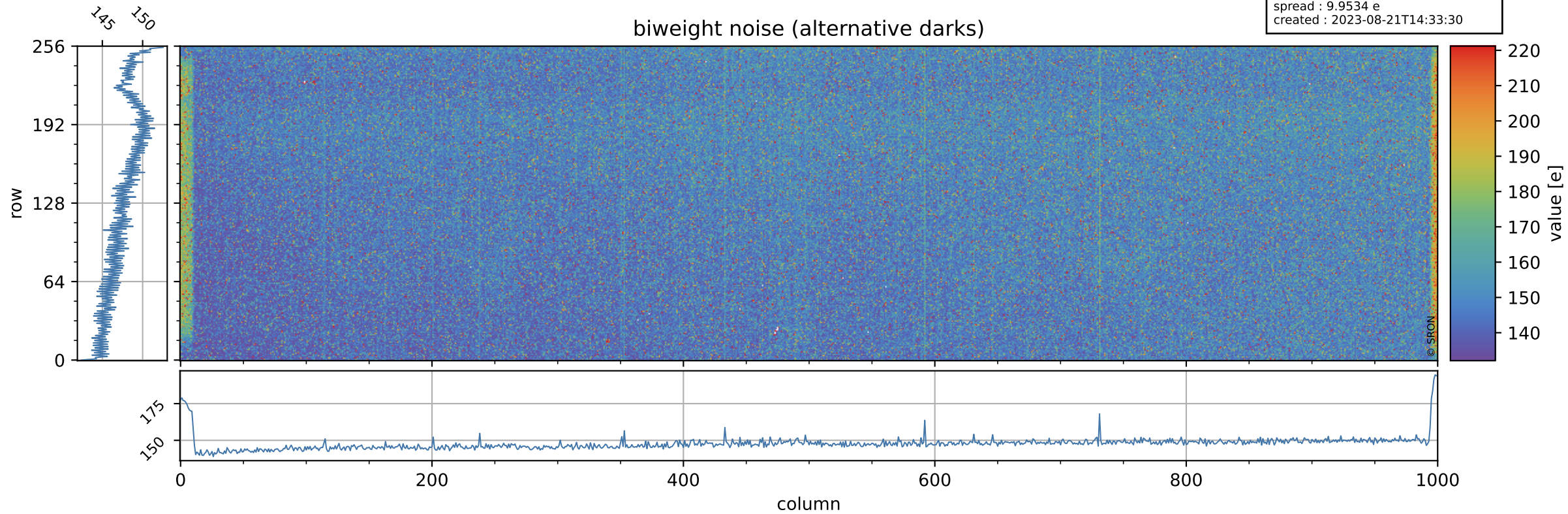
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9534 e
created : 2023-08-21T14:33:30

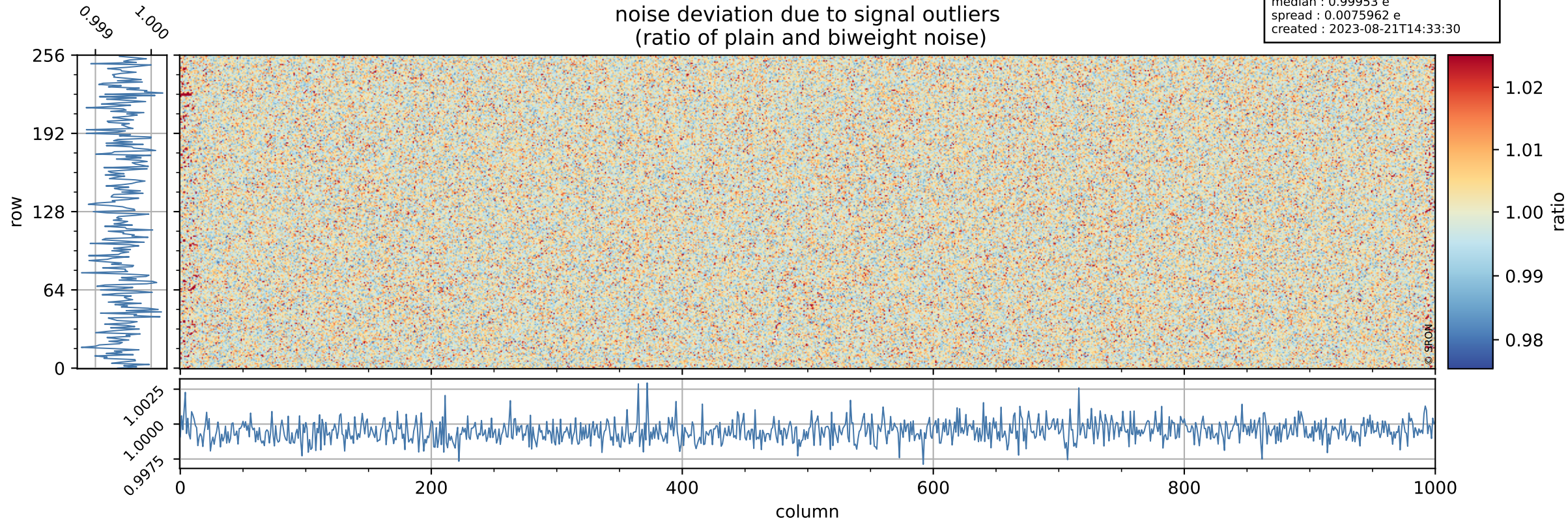
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

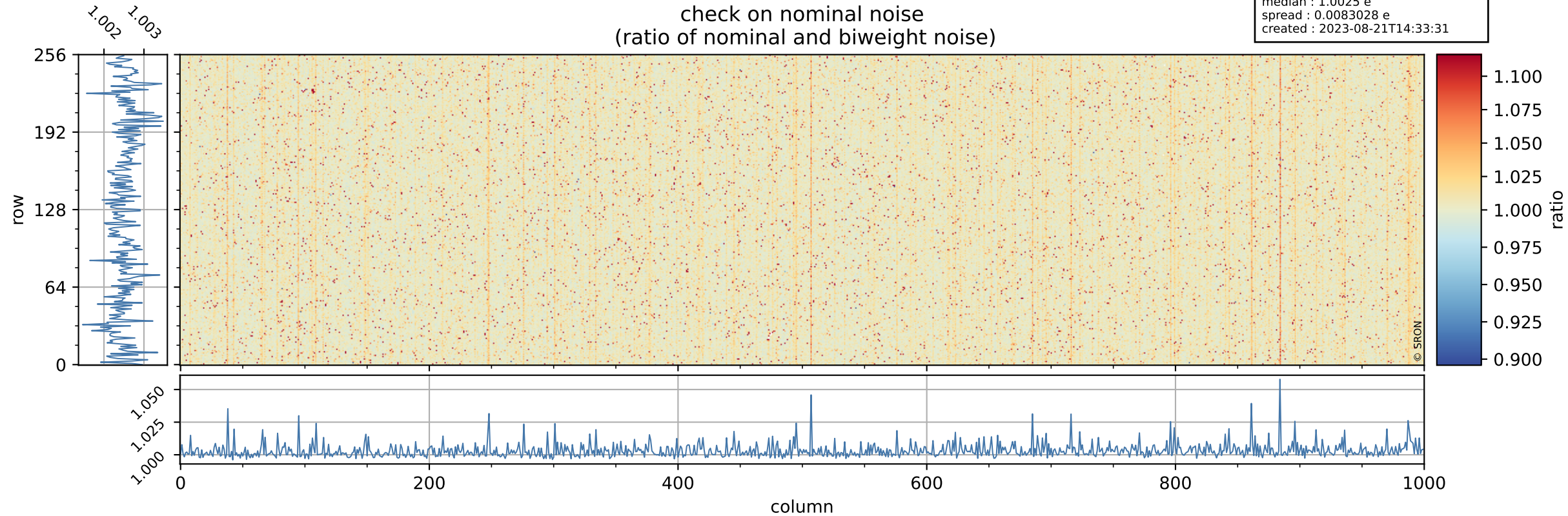
orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
median : 0.99953 e
spread : 0.0075962 e
created : 2023-08-21T14:33:30



Tropomi SWIR background noise (swir)

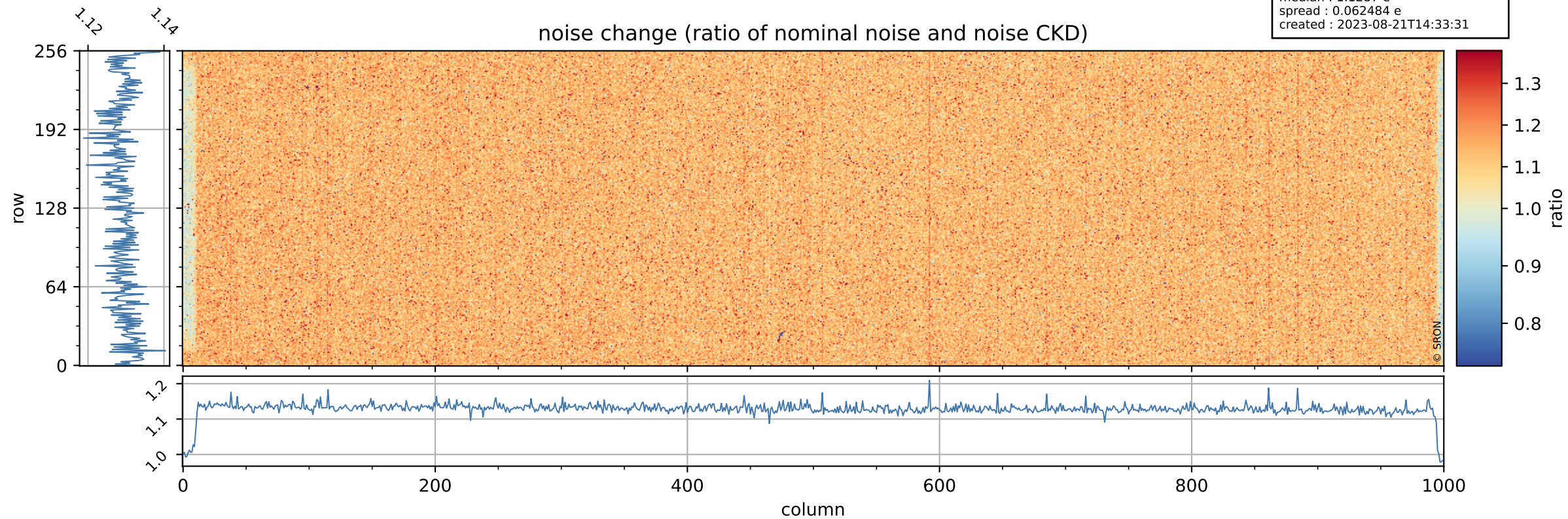
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
median : 1.0025 e
spread : 0.0083028 e
created : 2023-08-21T14:33:31



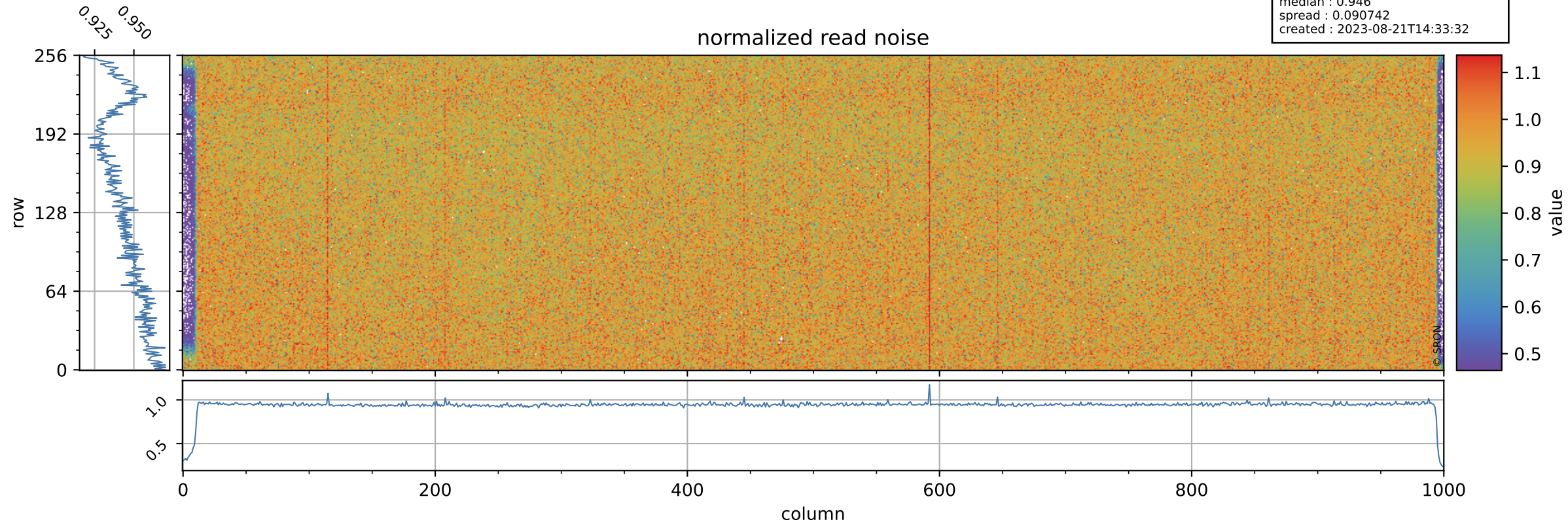
Tropomi SWIR background noise (swir)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
median : 1.1287 e
spread : 0.062484 e
created : 2023-08-21T14:33:31



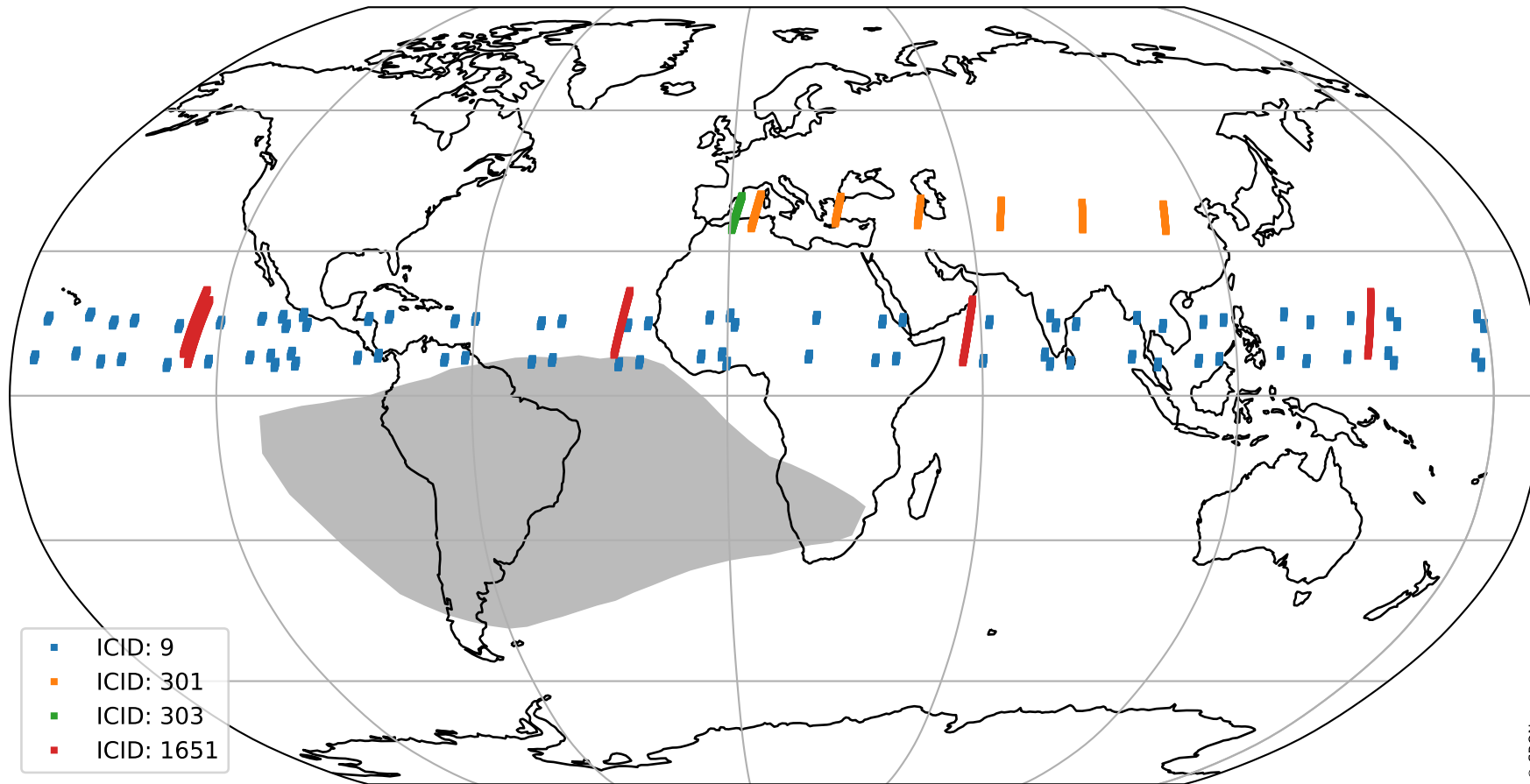
Tropomi SWIR background noise (swir)

orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
median : 0.946
spread : 0.090742
created : 2023-08-21T14:33:32



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

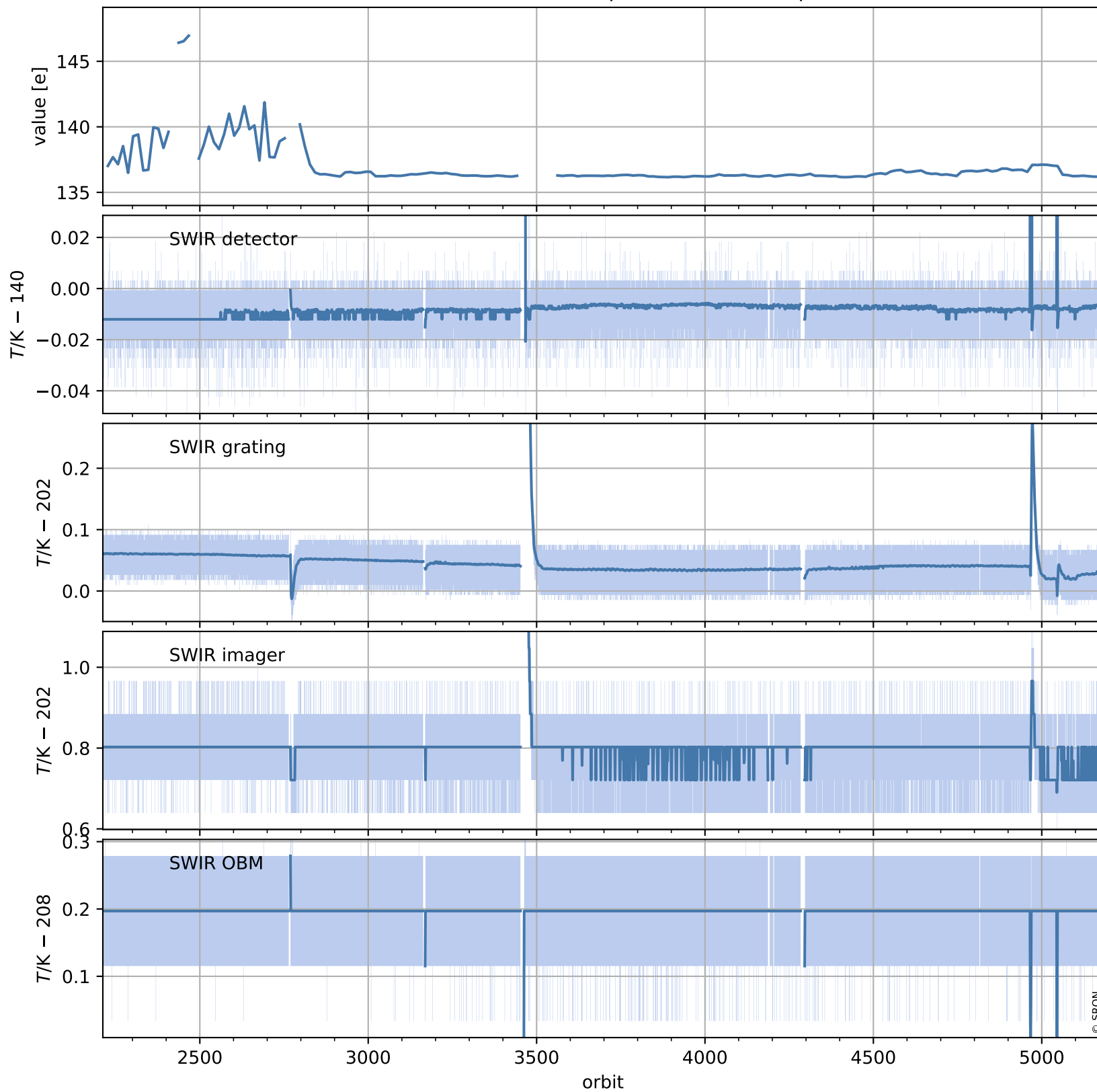
orbits : 12 in [5092, 5182]
coverage : 2018-10-07 / 2018-10-13
created : 2023-08-21T14:33:32



Tropomi SWIR background noise (swir)

orbits : [2212, 5182]
coverage : 2018-03-18 / 2018-10-13
created : 2023-08-21T14:33:32

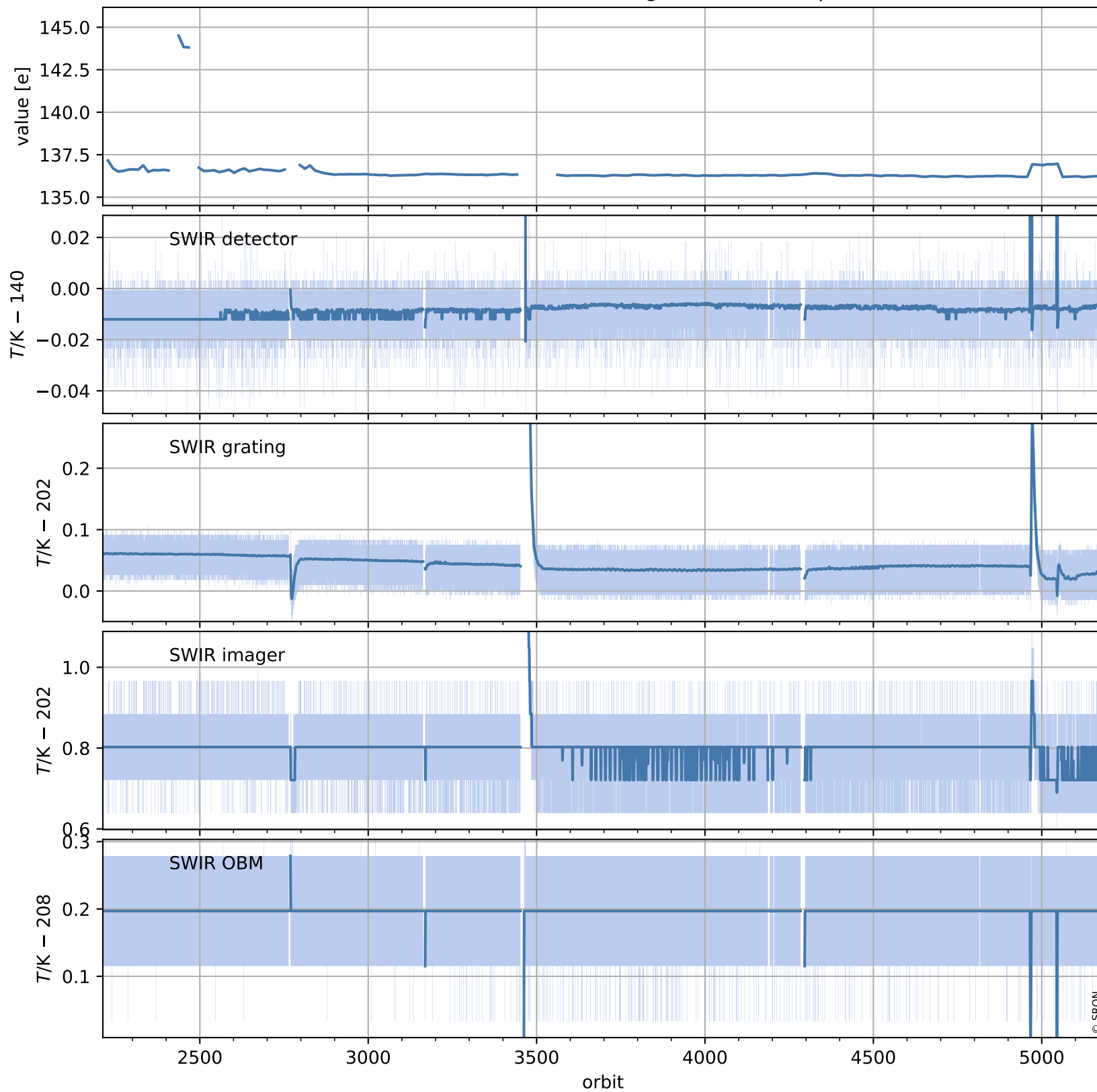
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5182]
coverage : 2018-03-18 / 2018-10-13
created : 2023-08-21T14:33:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5182]
coverage : 2018-03-18 / 2018-10-13
created : 2023-08-21T14:33:34

trend of normalized read-noise & temperatures

