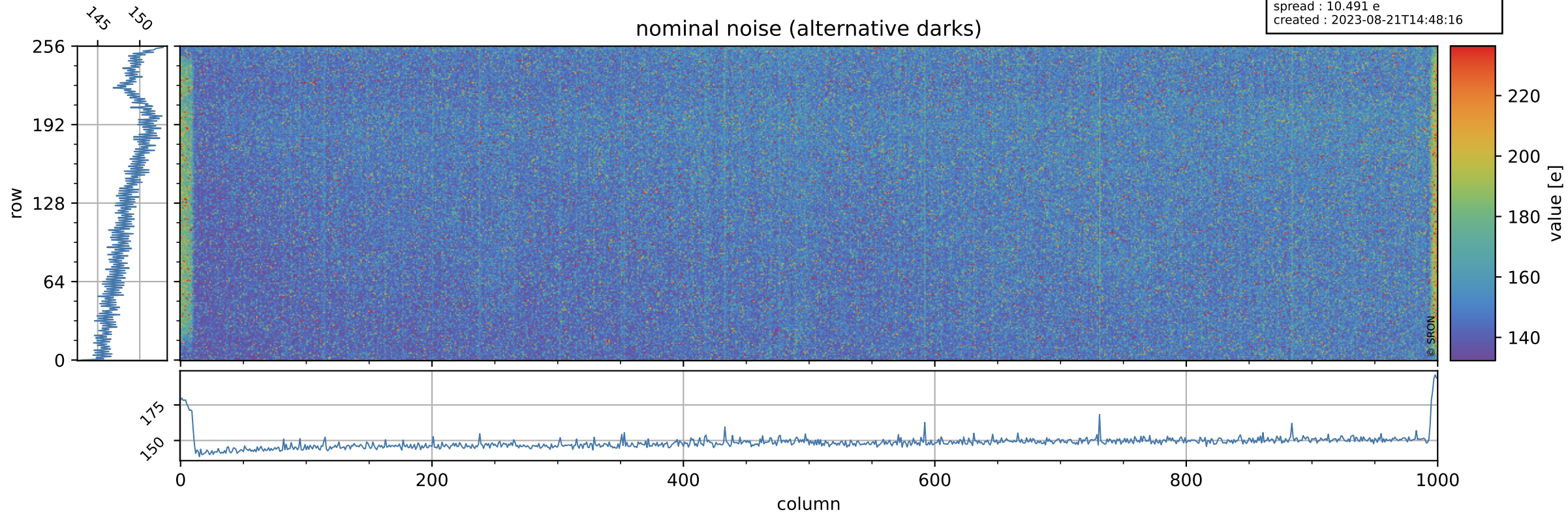


Tropomi SWIR background noise (swir)

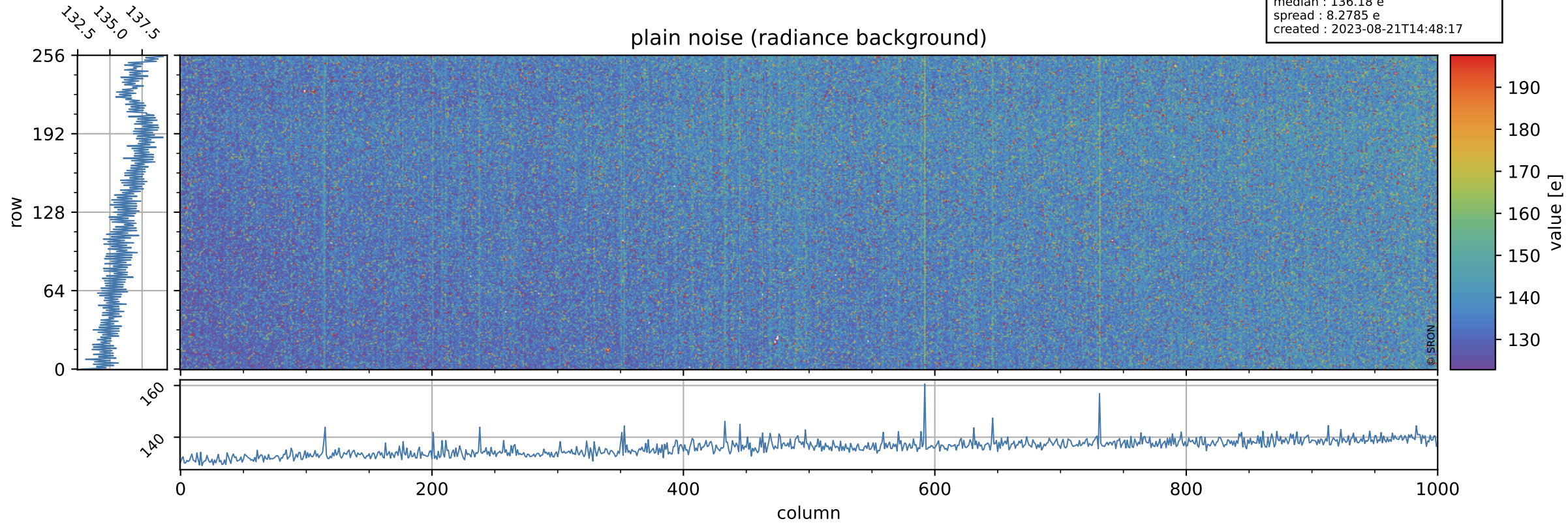
orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.491 e
created : 2023-08-21T14:48:16



Tropomi SWIR background noise (swir)

orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.2785 e
created : 2023-08-21T14:48:17

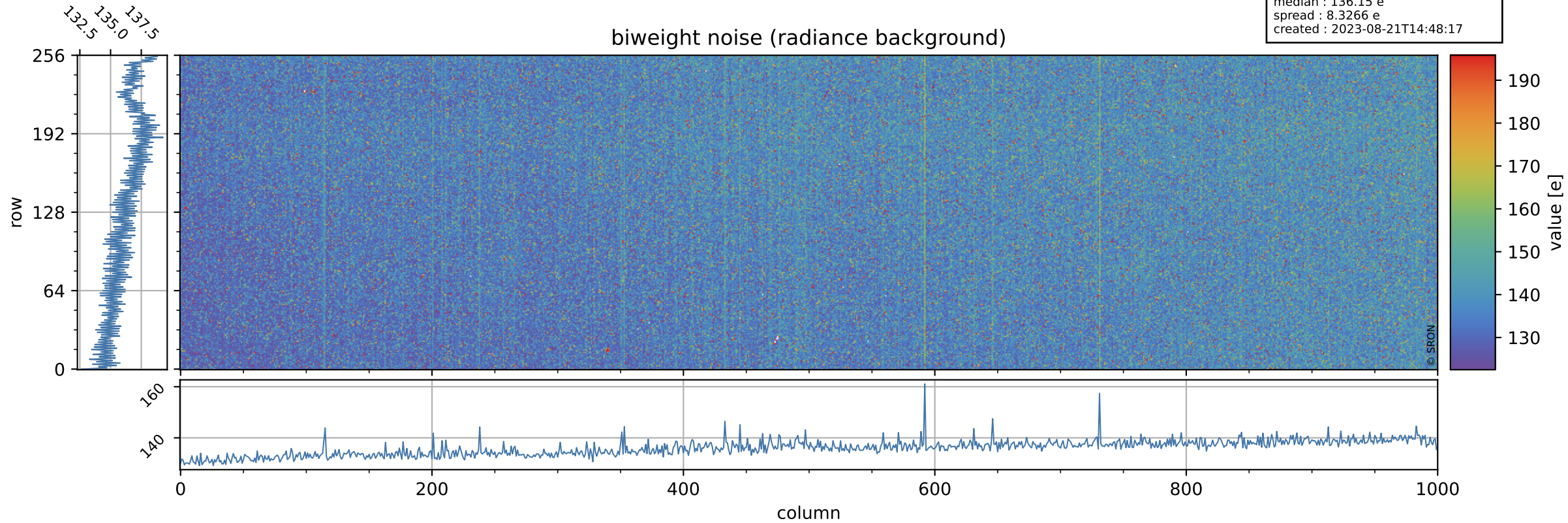
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.3266 e
created : 2023-08-21T14:48:17

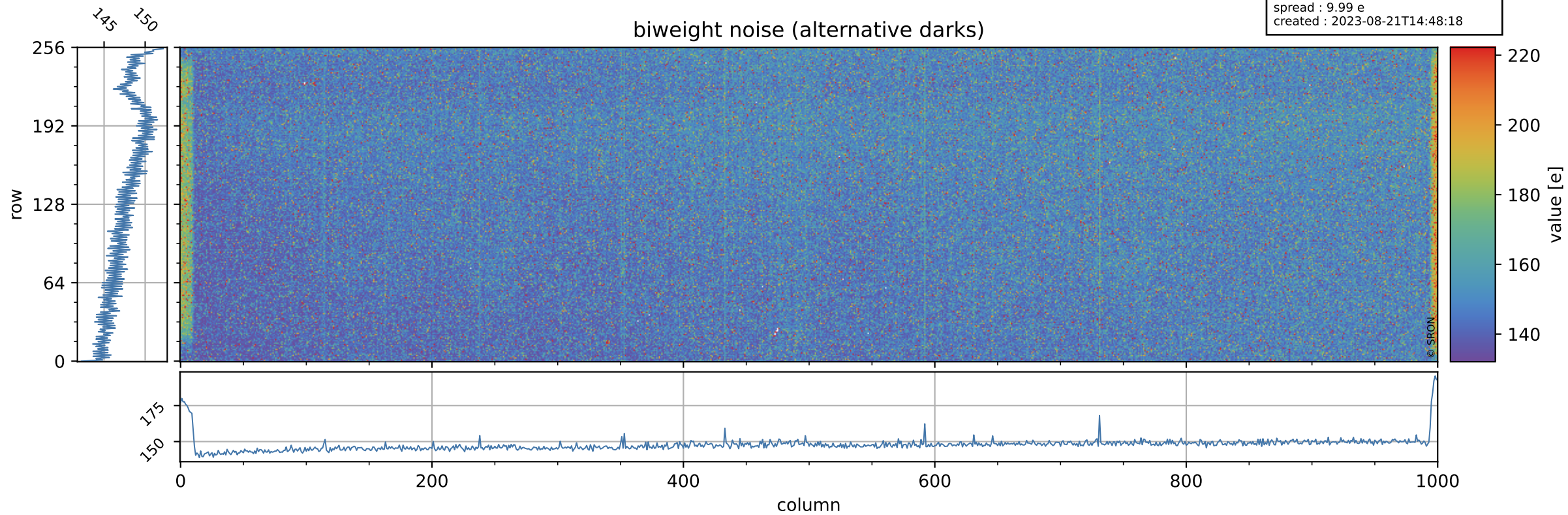
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.99 e
created : 2023-08-21T14:48:18

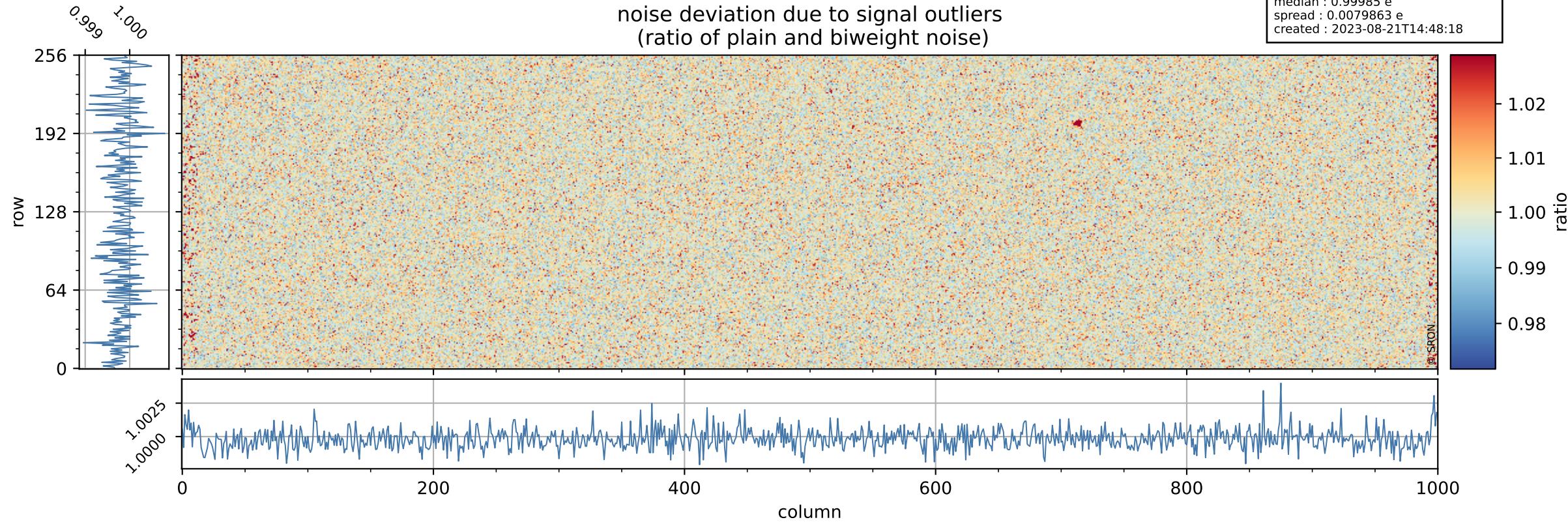
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

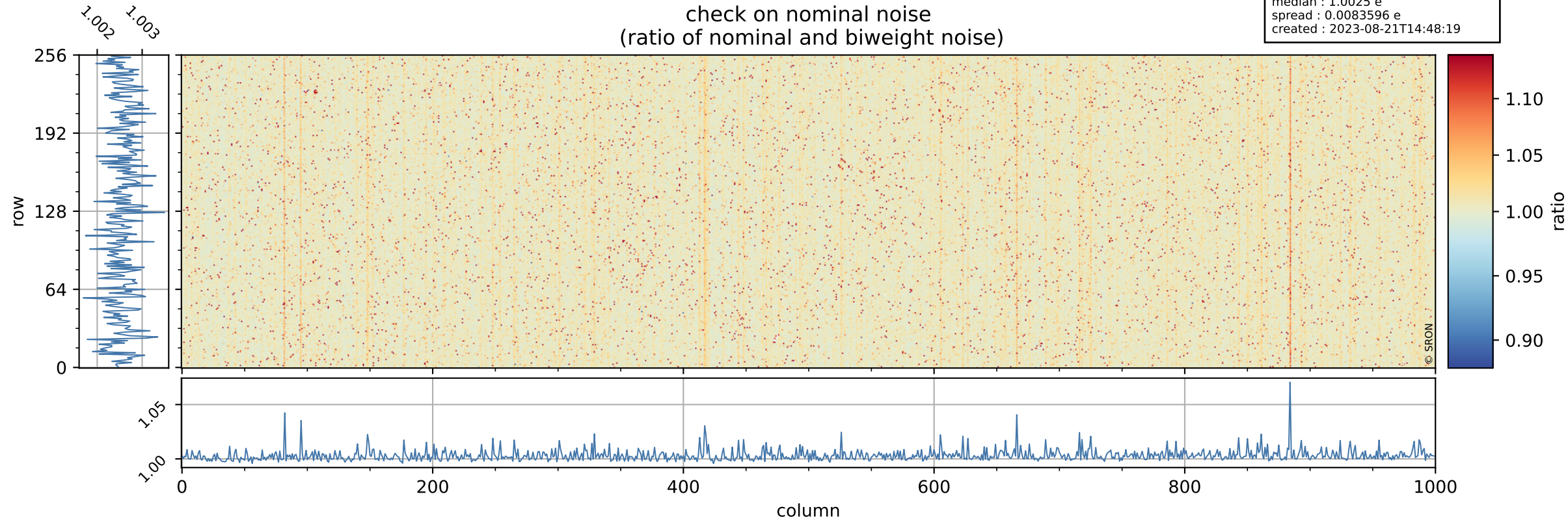
orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
median : 0.99985 e
spread : 0.0079863 e
created : 2023-08-21T14:48:18



Tropomi SWIR background noise (swir)

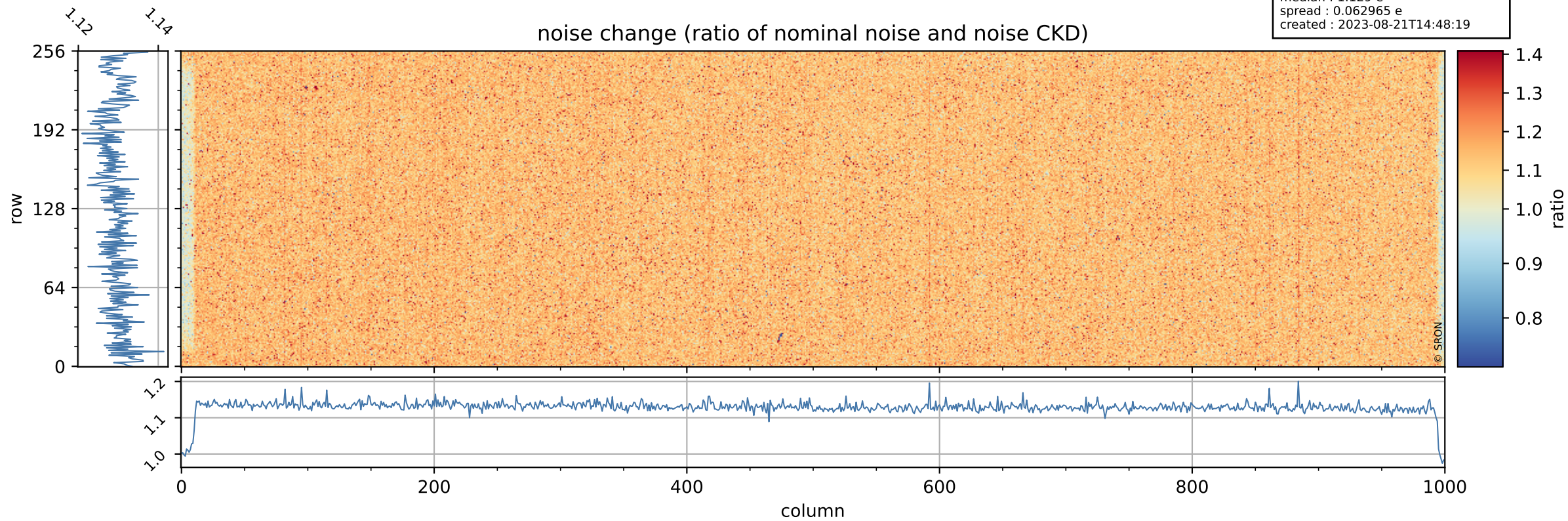
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
median : 1.0025 e
spread : 0.0083596 e
created : 2023-08-21T14:48:19



Tropomi SWIR background noise (swir)

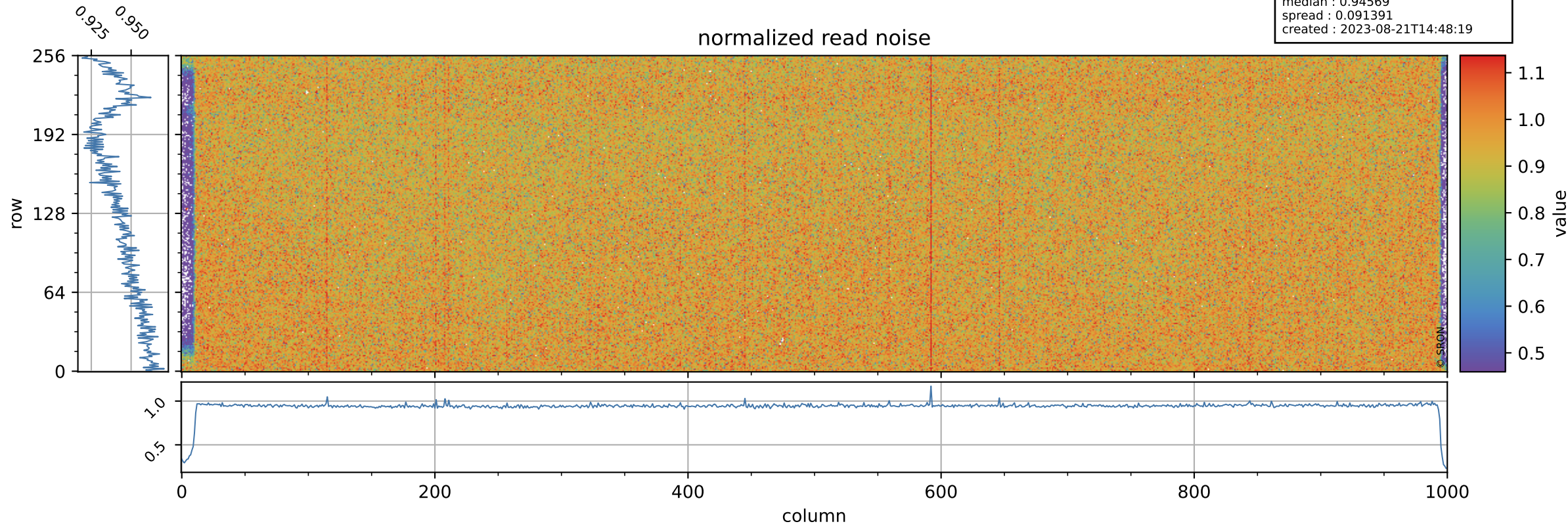
orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
median : 1.129 e
spread : 0.062965 e
created : 2023-08-21T14:48:19



Tropomi SWIR background noise (swir)

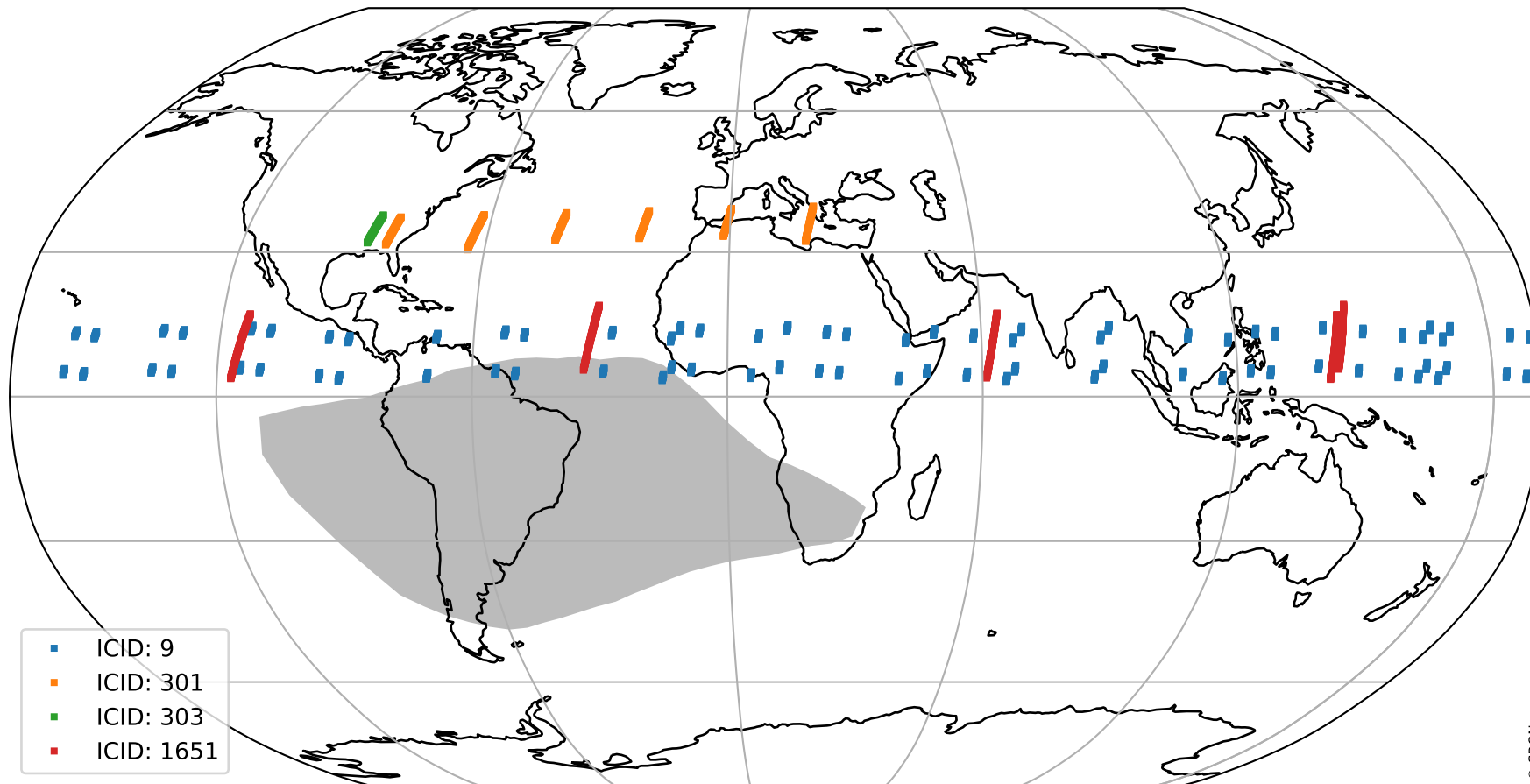
orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
median : 0.94569
spread : 0.091391
created : 2023-08-21T14:48:19

normalized read noise



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

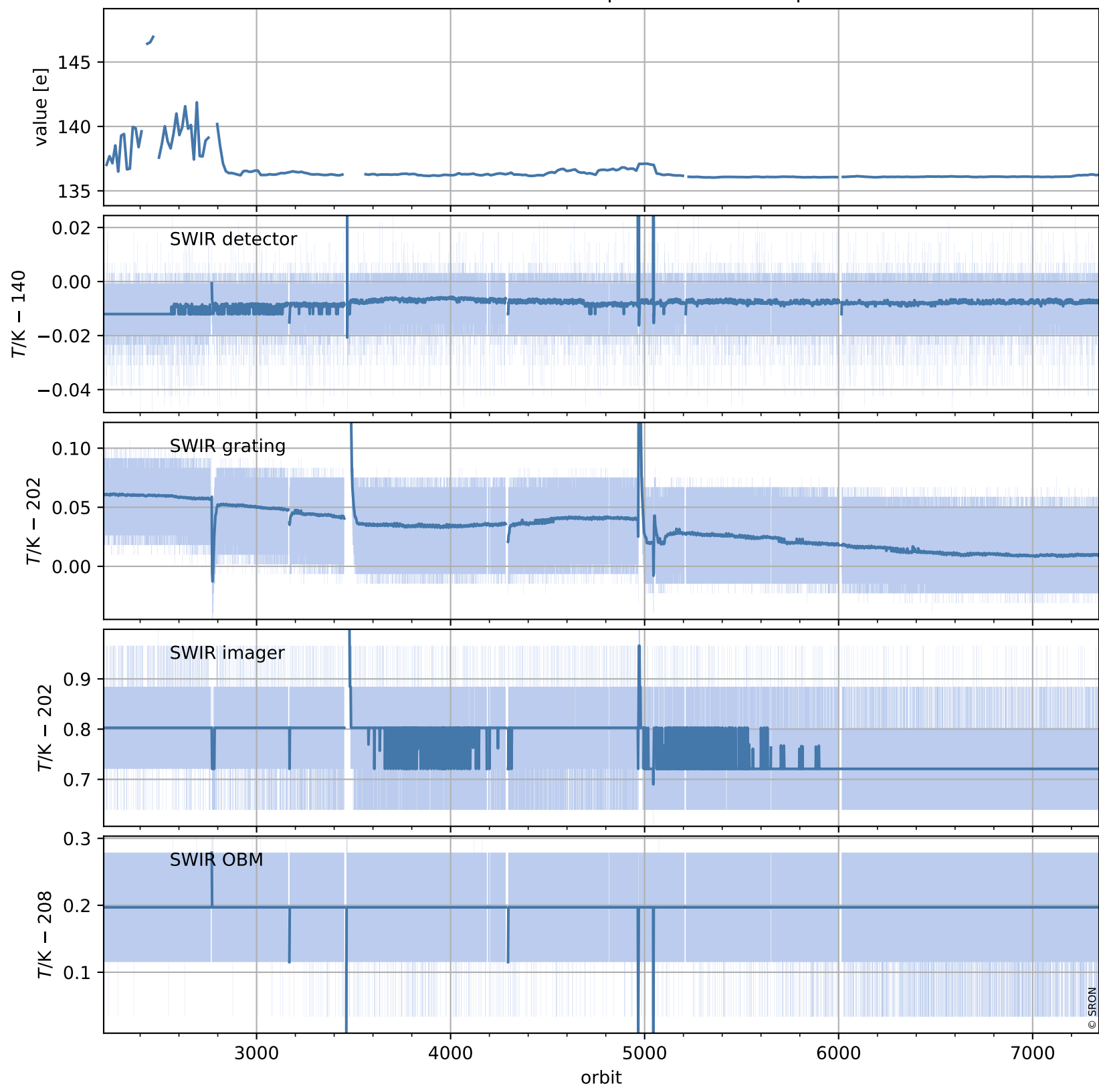
orbits : 12 in [7252, 7342]
coverage : 2019-03-08 / 2019-03-14
created : 2023-08-21T14:48:20



Tropomi SWIR background noise (swir)

orbits : [2212, 7342]
coverage : 2018-03-18 / 2019-03-14
created : 2023-08-21T14:48:20

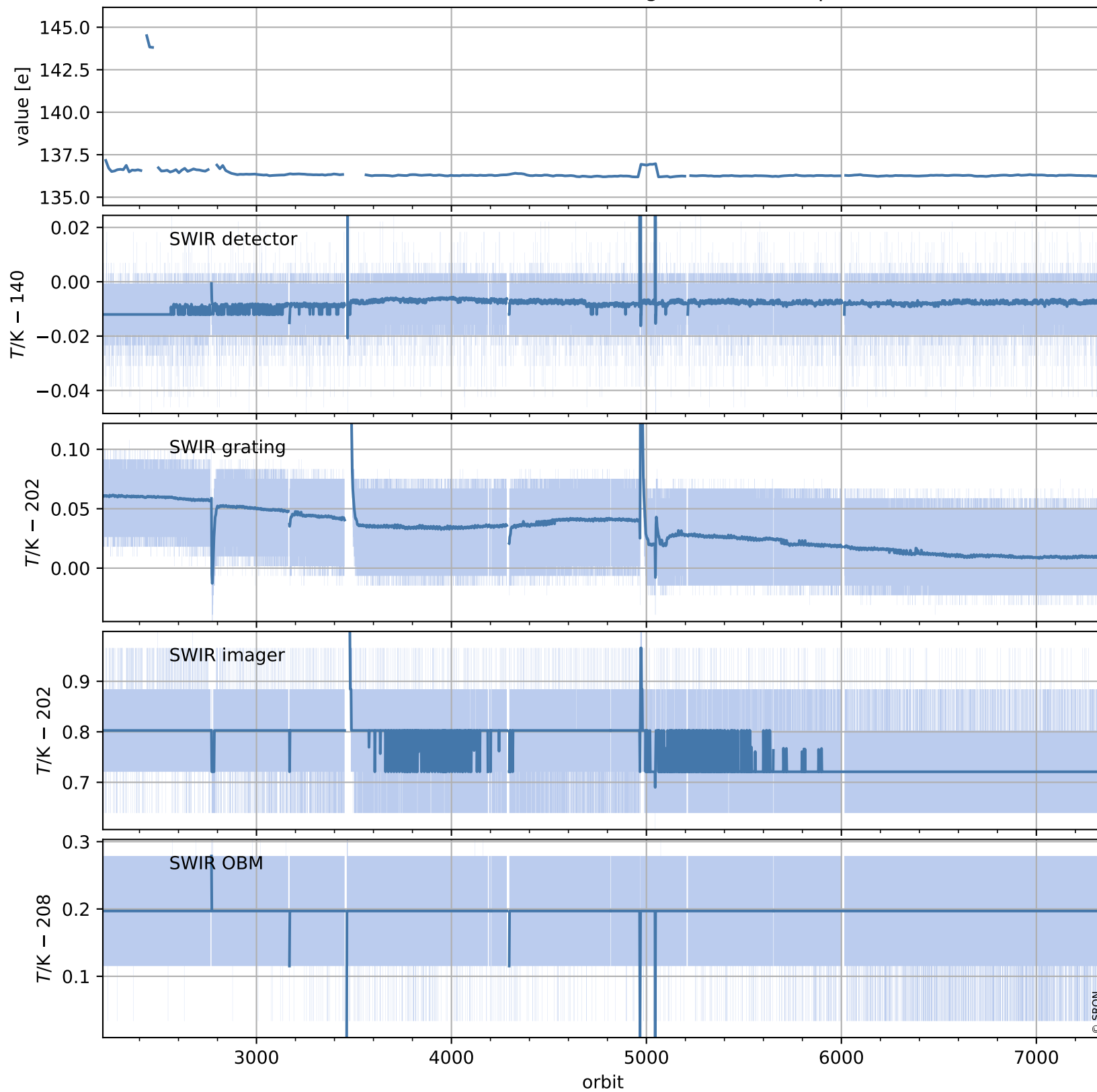
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7342]
coverage : 2018-03-18 / 2019-03-14
created : 2023-08-21T14:48:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7342]
coverage : 2018-03-18 / 2019-03-14
created : 2023-08-21T14:48:22

trend of normalized read-noise & temperatures

