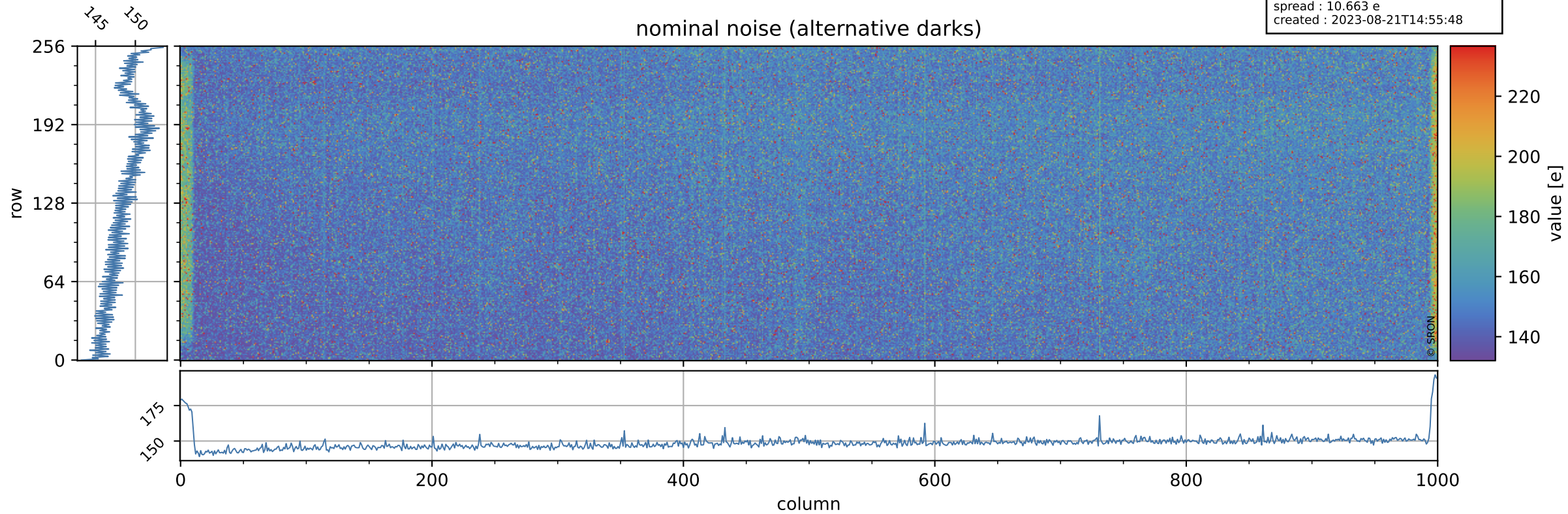


Tropomi SWIR background noise (swir)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.663 e
created : 2023-08-21T14:55:48

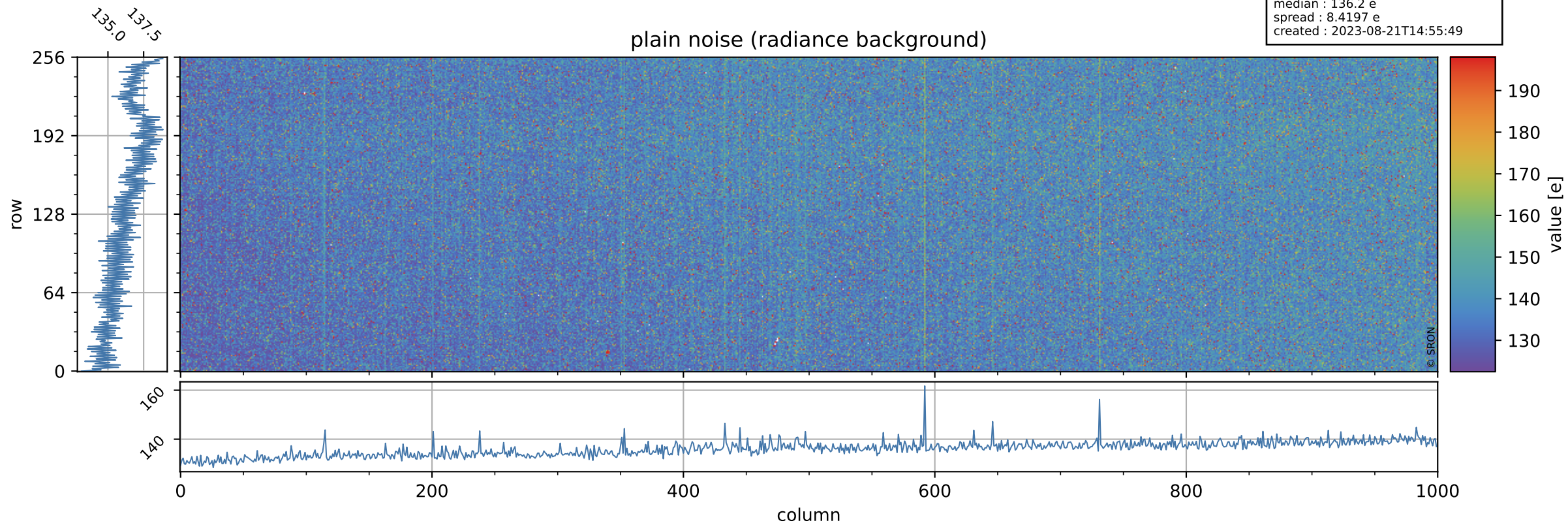
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4197 e
created : 2023-08-21T14:55:49

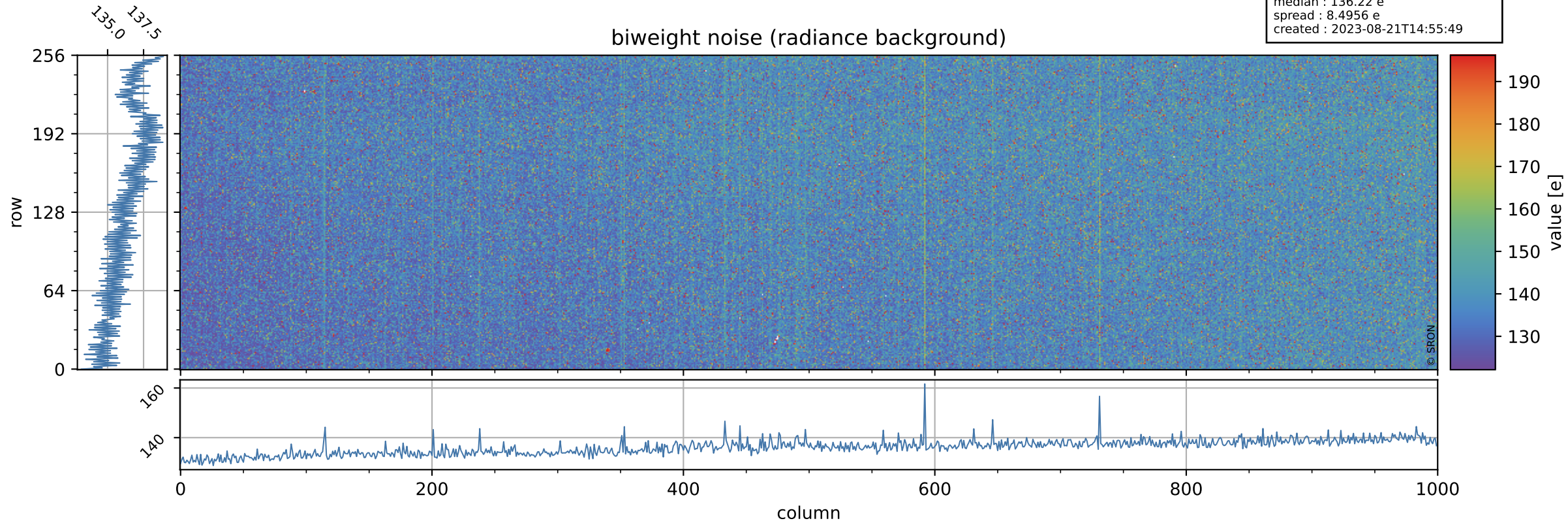
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4956 e
created : 2023-08-21T14:55:49

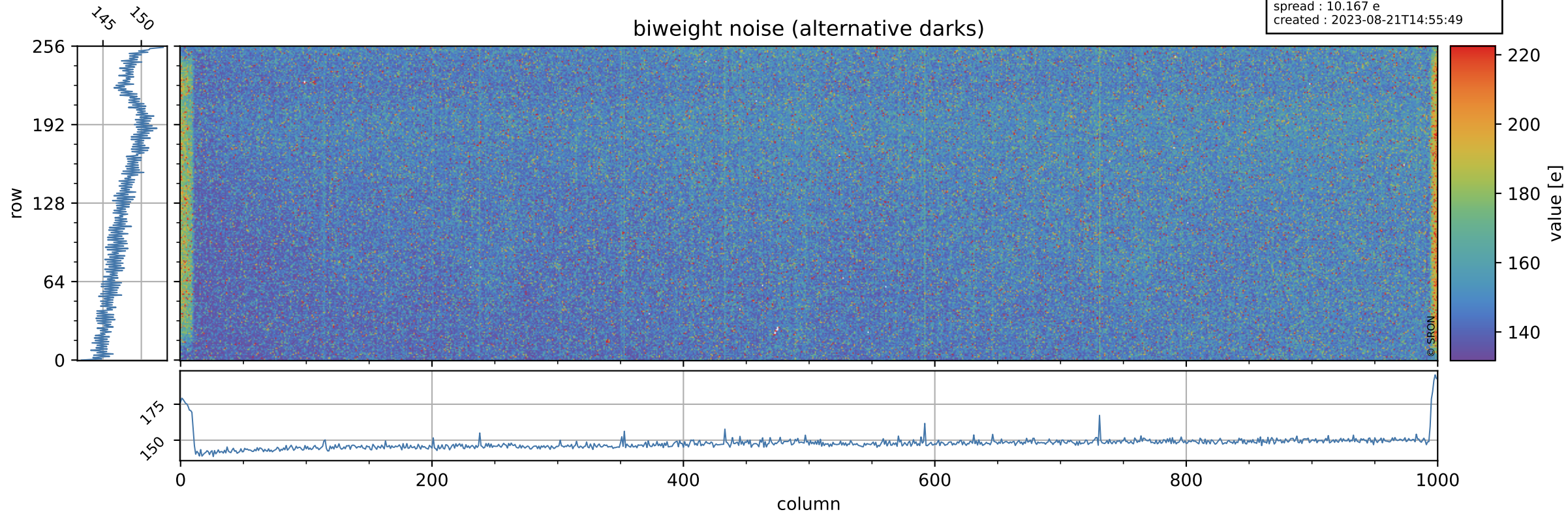
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.167 e
created : 2023-08-21T14:55:49

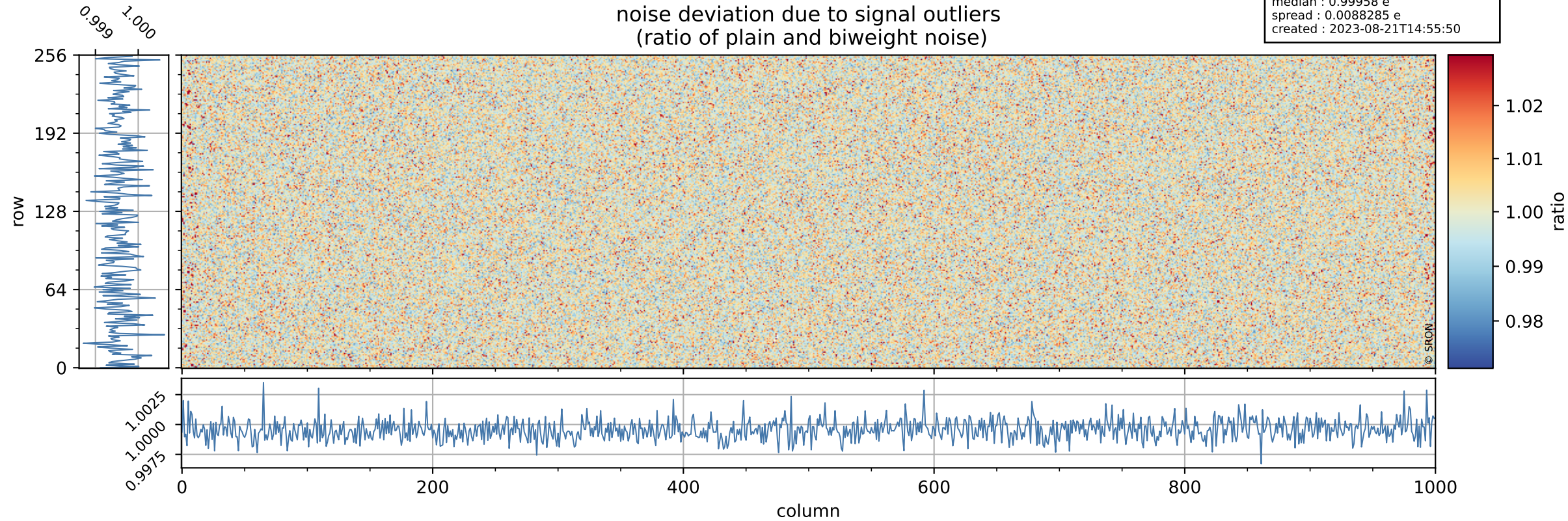
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

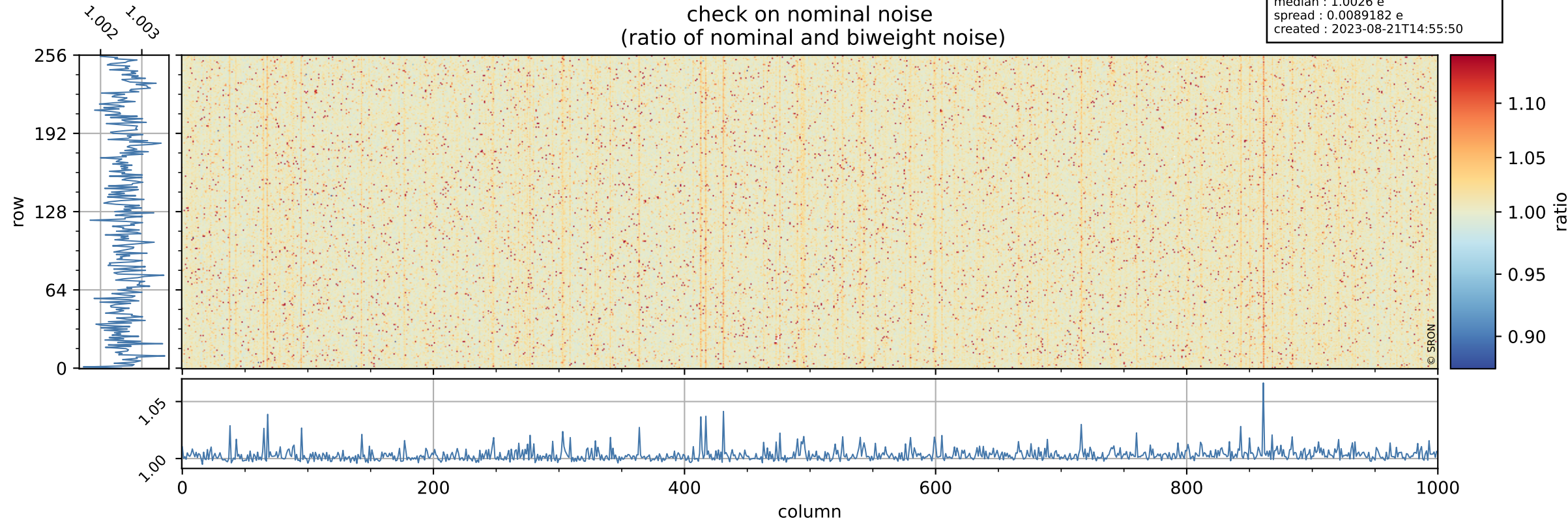
orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
median : 0.99958 e
spread : 0.0088285 e
created : 2023-08-21T14:55:50



Tropomi SWIR background noise (swir)

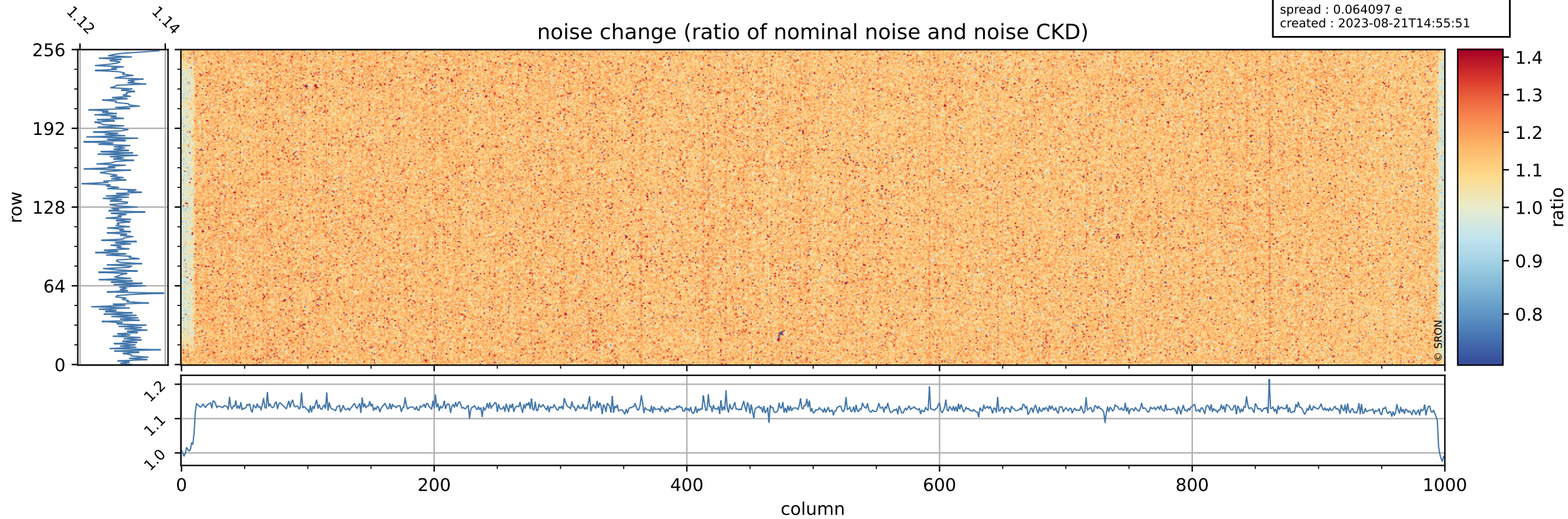
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
median : 1.0026 e
spread : 0.0089182 e
created : 2023-08-21T14:55:50



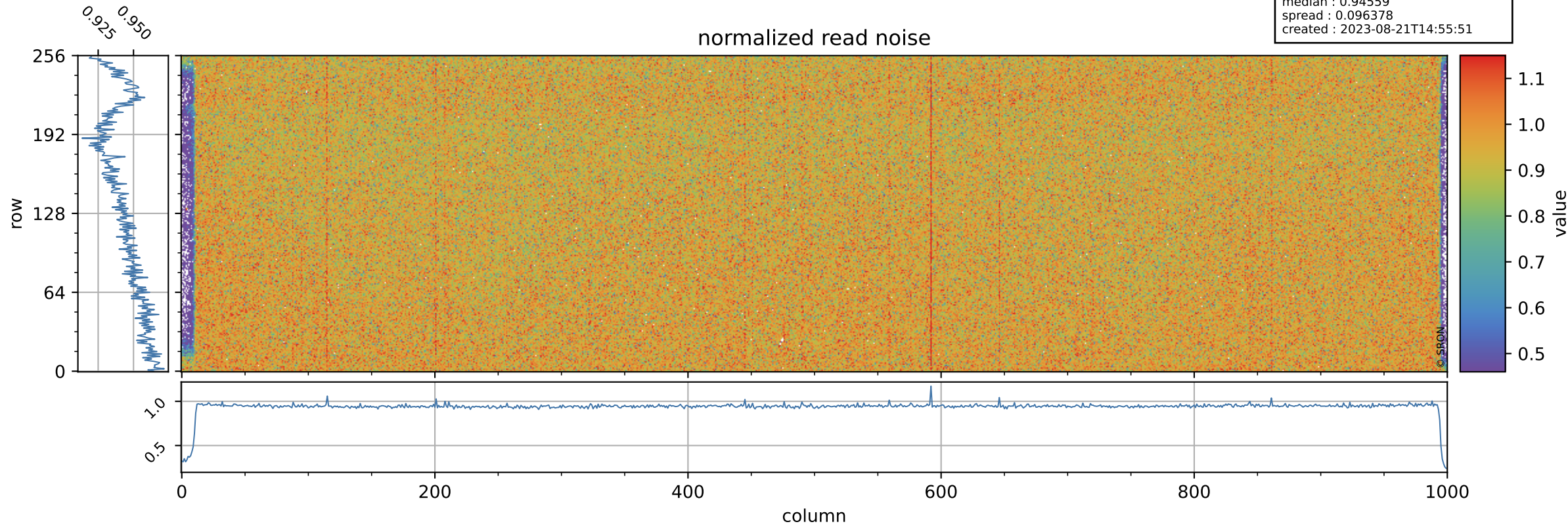
Tropomi SWIR background noise (swir)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
median : 1.1288 e
spread : 0.064097 e
created : 2023-08-21T14:55:51



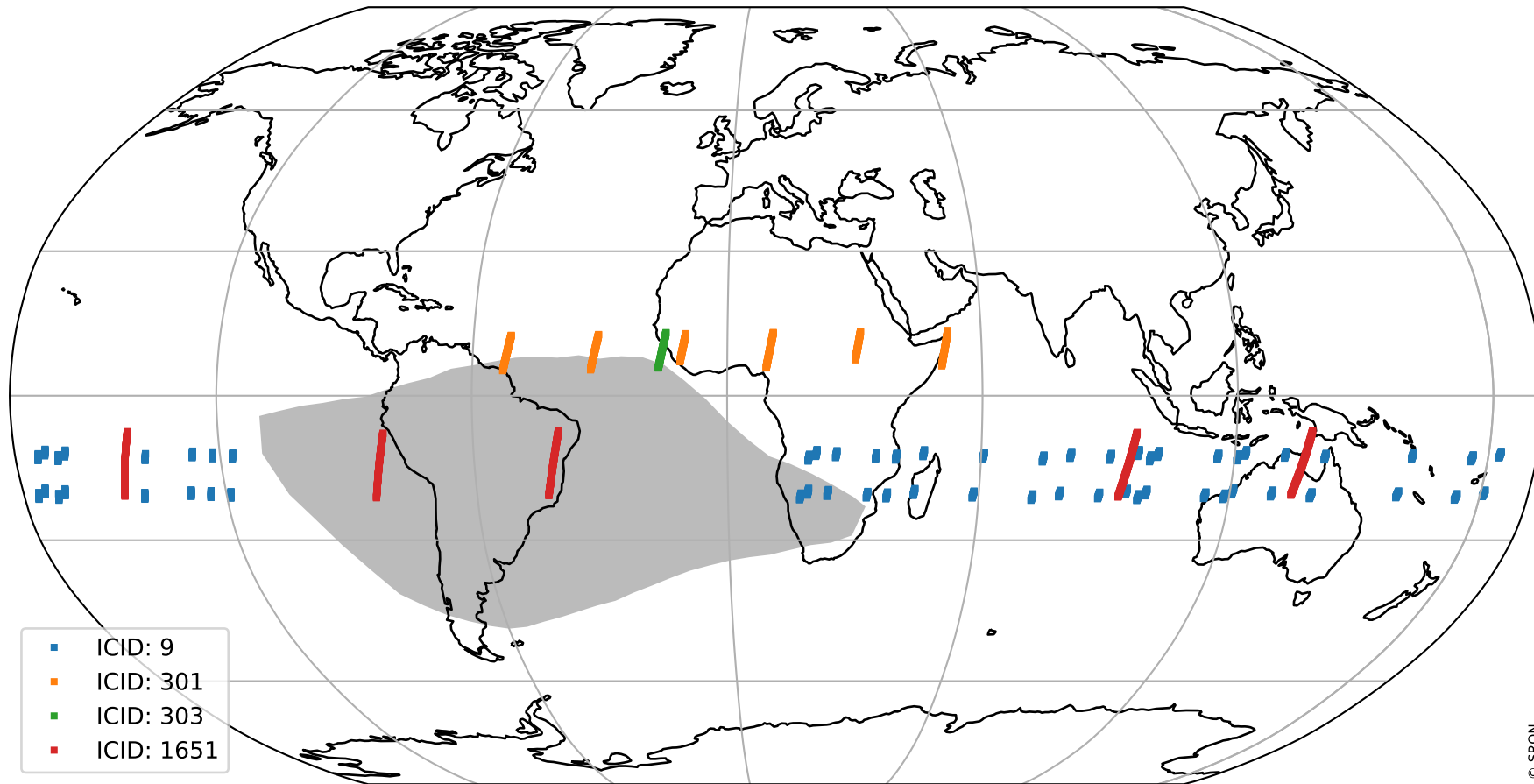
Tropomi SWIR background noise (swir)

orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
median : 0.94559
spread : 0.096378
created : 2023-08-21T14:55:51



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

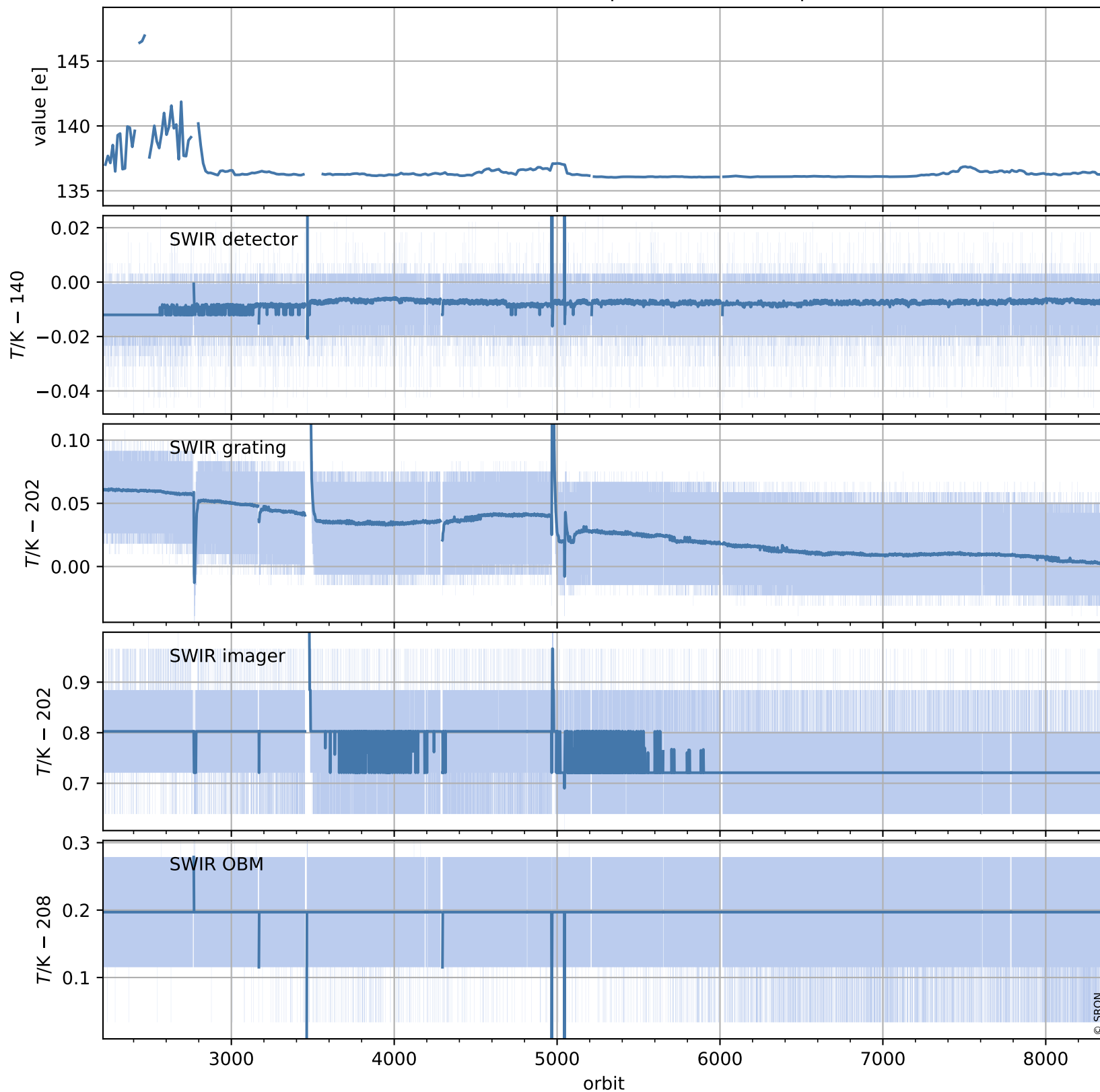
orbits : 12 in [8272, 8362]
coverage : 2019-05-19 / 2019-05-25
created : 2023-08-21T14:55:52



Tropomi SWIR background noise (swir)

orbits : [2212, 8362]
coverage : 2018-03-18 / 2019-05-25
created : 2023-08-21T14:55:52

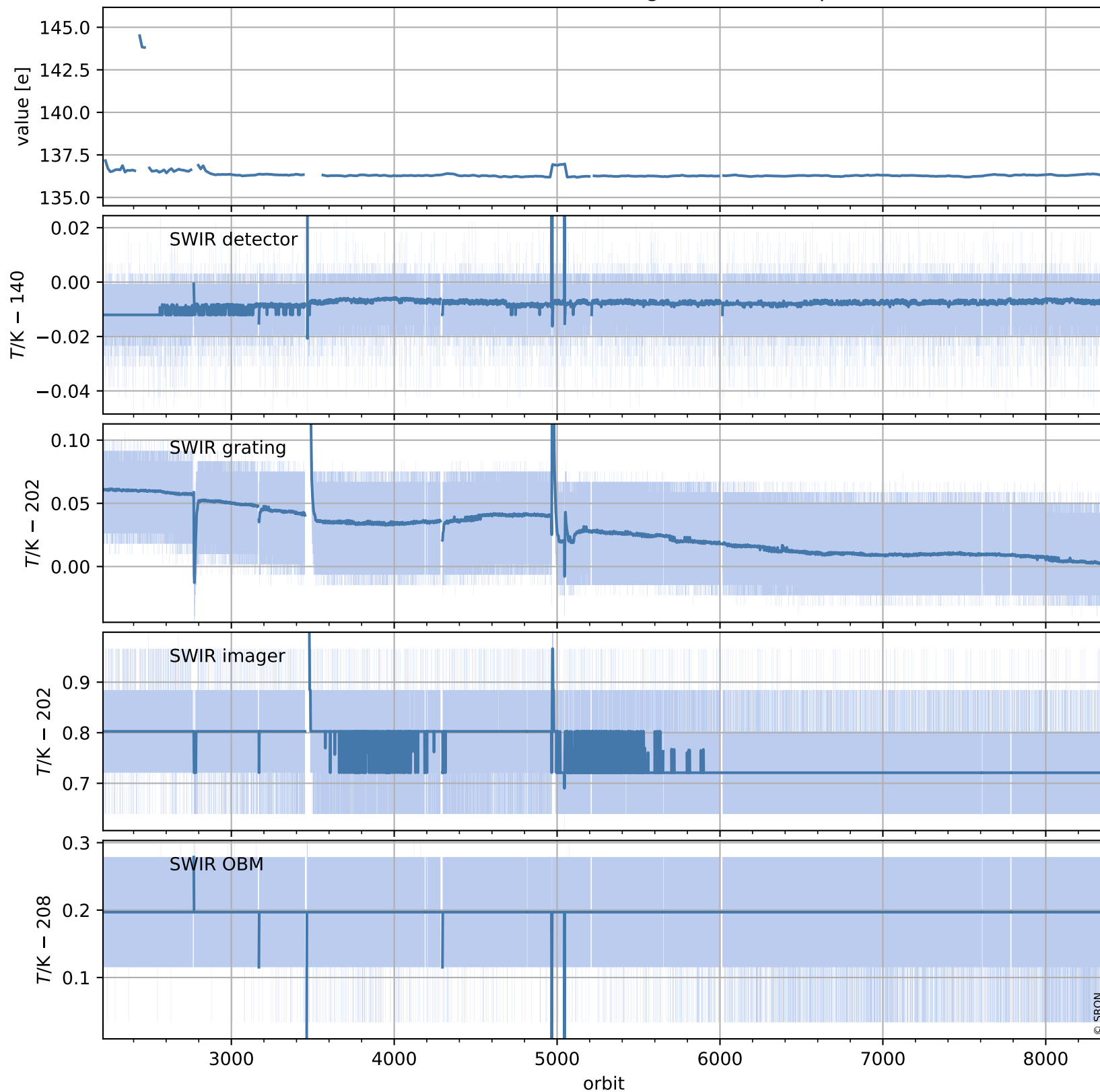
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8362]
coverage : 2018-03-18 / 2019-05-25
created : 2023-08-21T14:55:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8362]
coverage : 2018-03-18 / 2019-05-25
created : 2023-08-21T14:55:54

trend of normalized read-noise & temperatures

