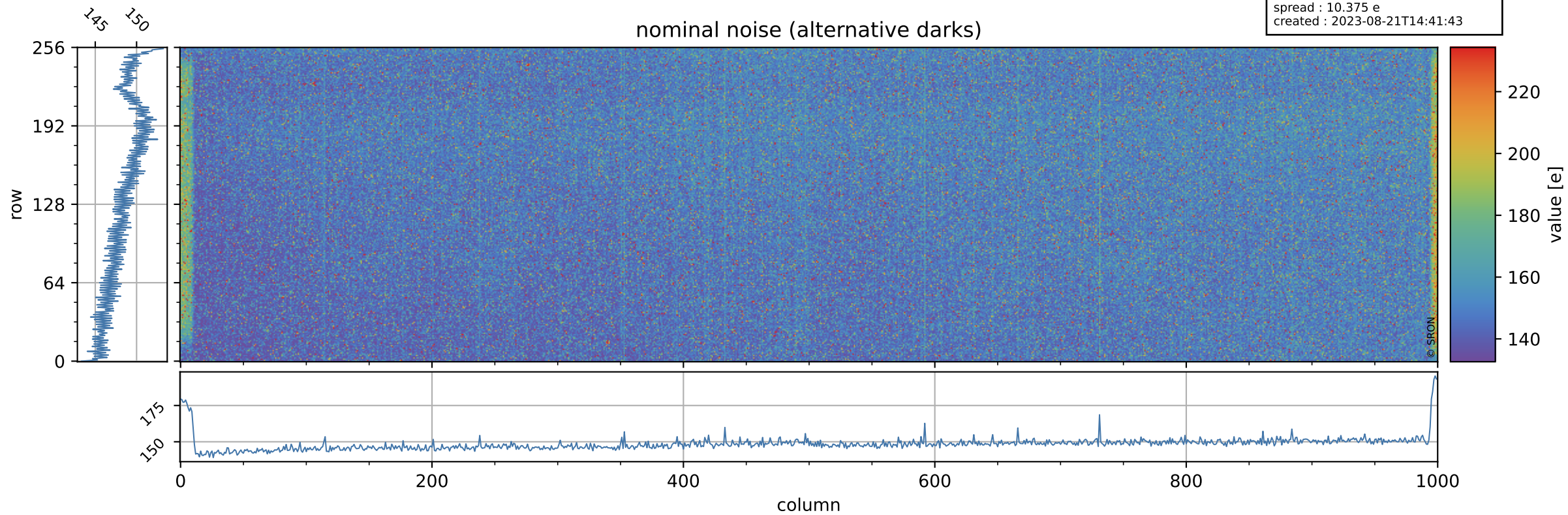


Tropomi SWIR background noise (swir)

orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.375 e
created : 2023-08-21T14:41:43

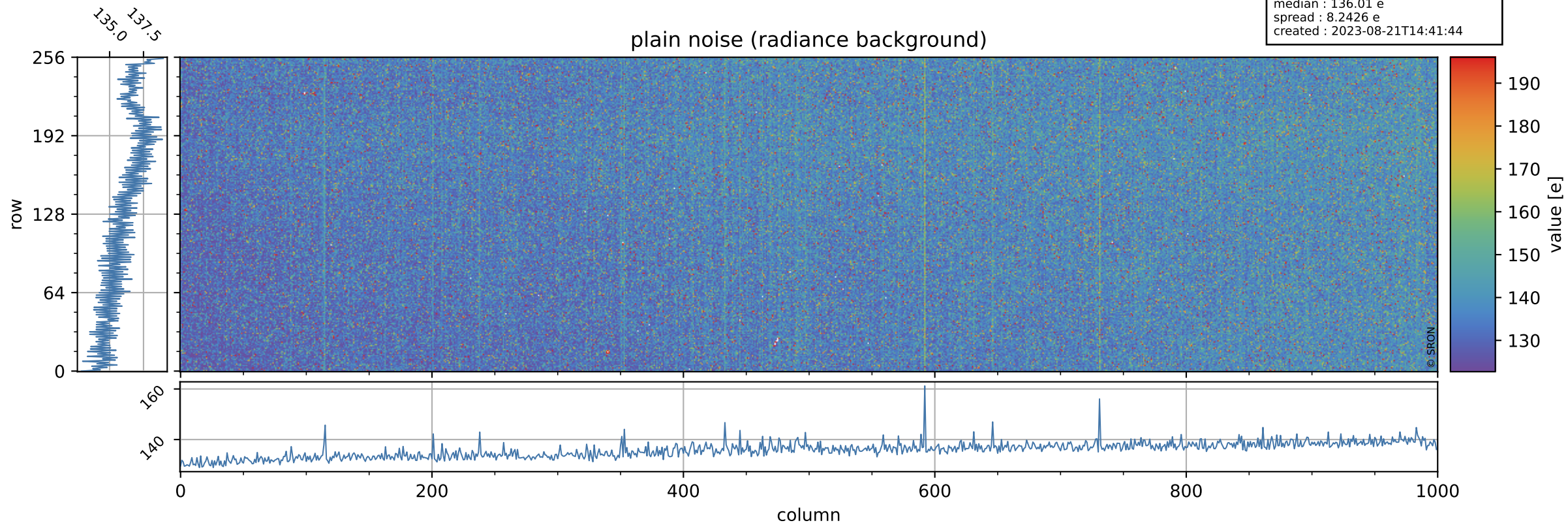
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2426 e
created : 2023-08-21T14:41:44

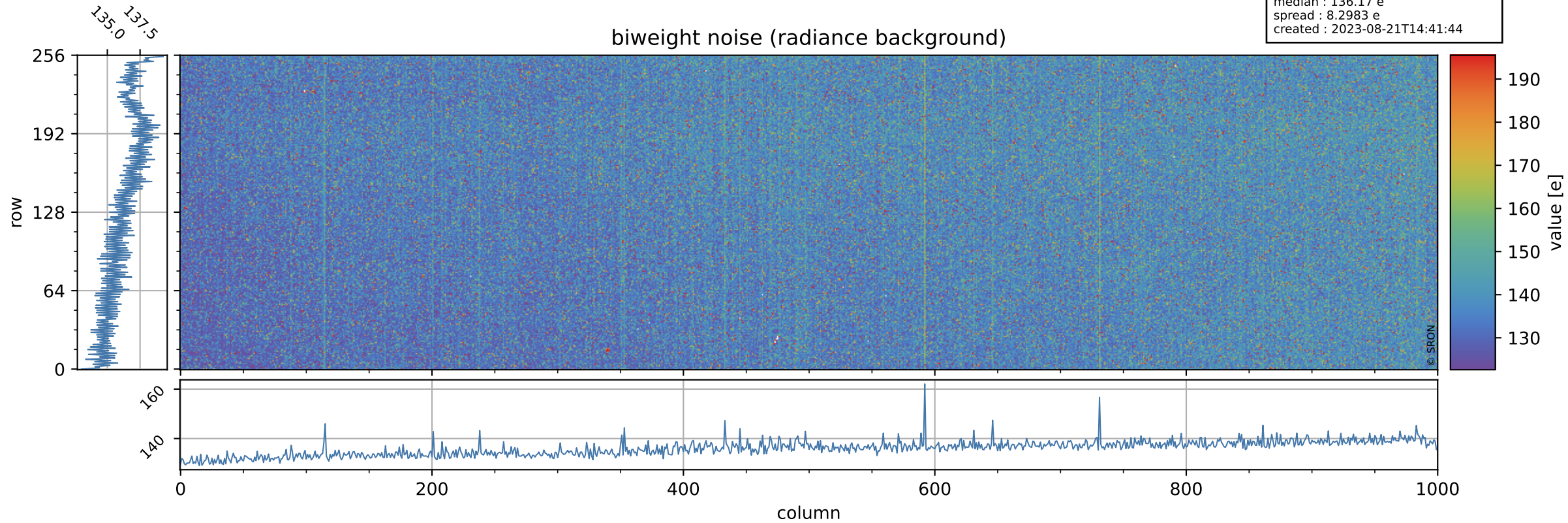
plain noise (radiance background)



Tropomi SWIR background noise (swir)

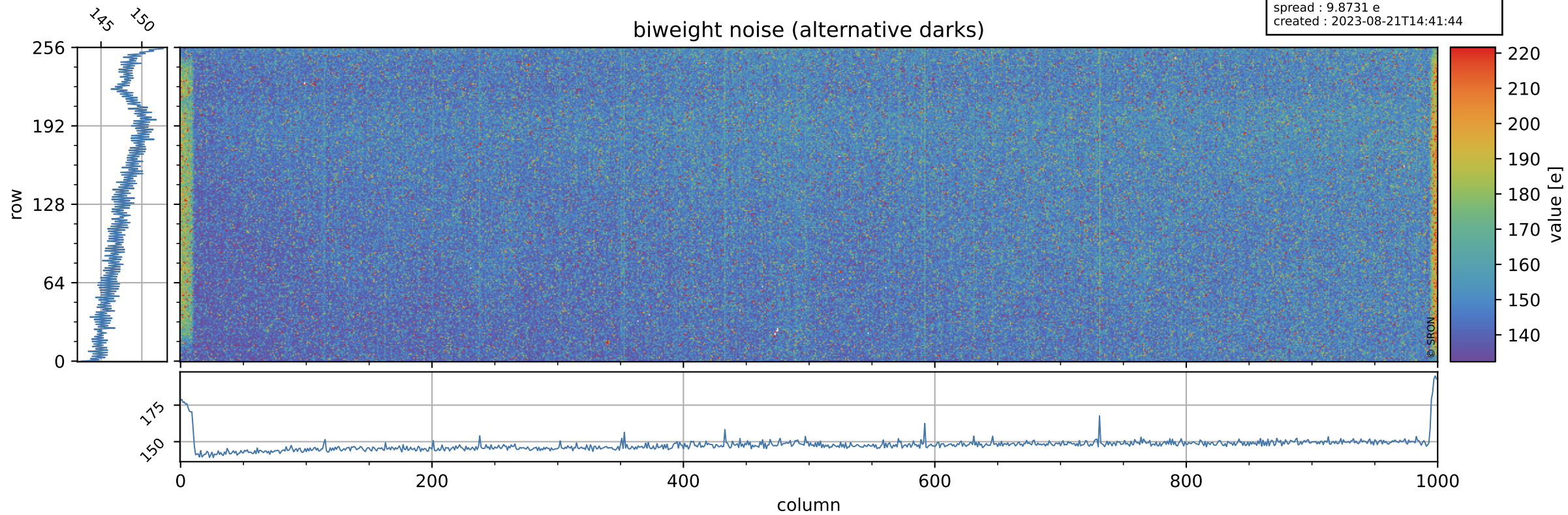
orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2983 e
created : 2023-08-21T14:41:44

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

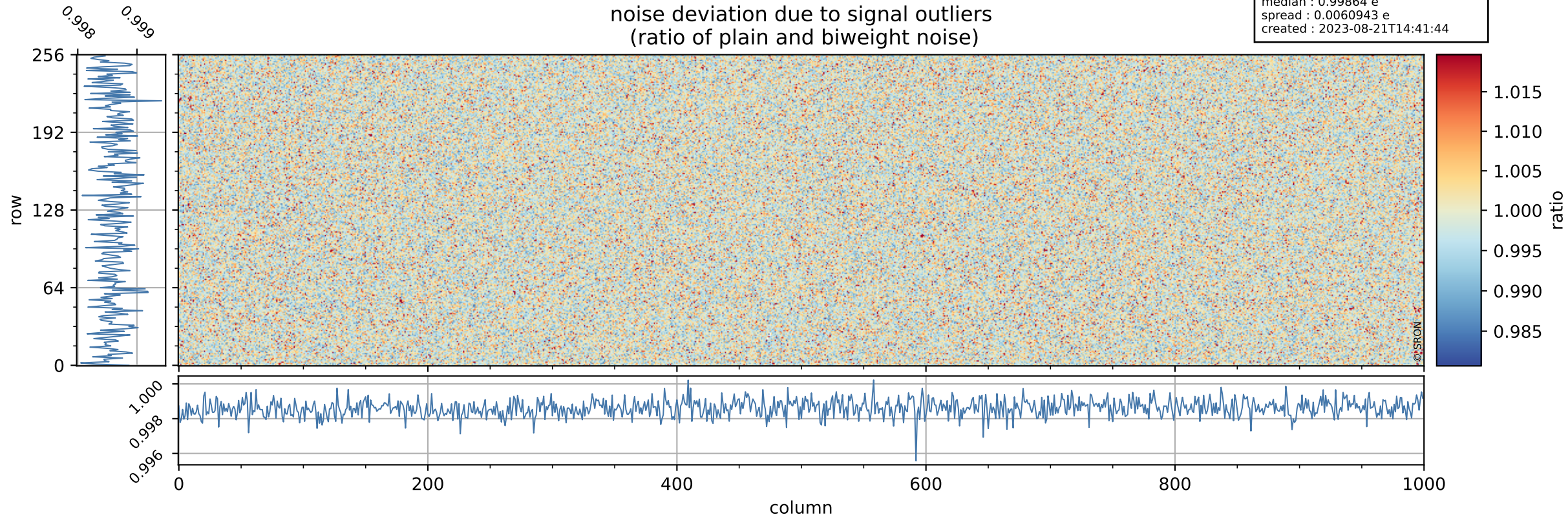
orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.8731 e
created : 2023-08-21T14:41:44



Tropomi SWIR background noise (swir)

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

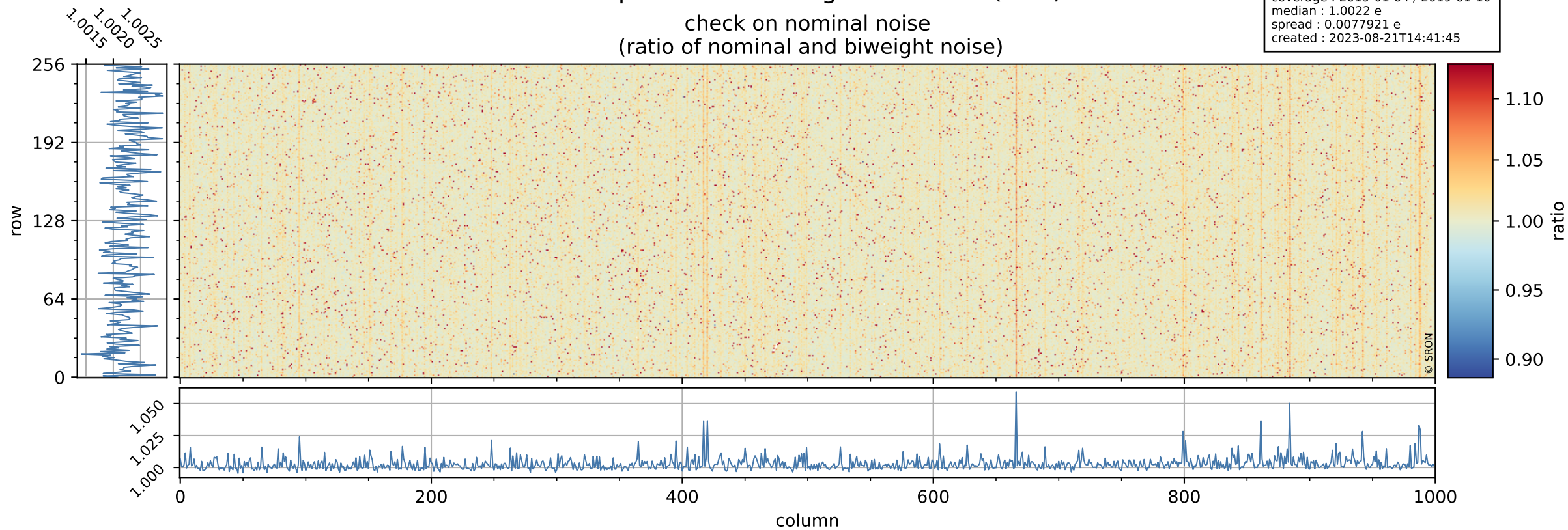
orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
median : 0.99864 e
spread : 0.0060943 e
created : 2023-08-21T14:41:44



Tropomi SWIR background noise (swir)

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

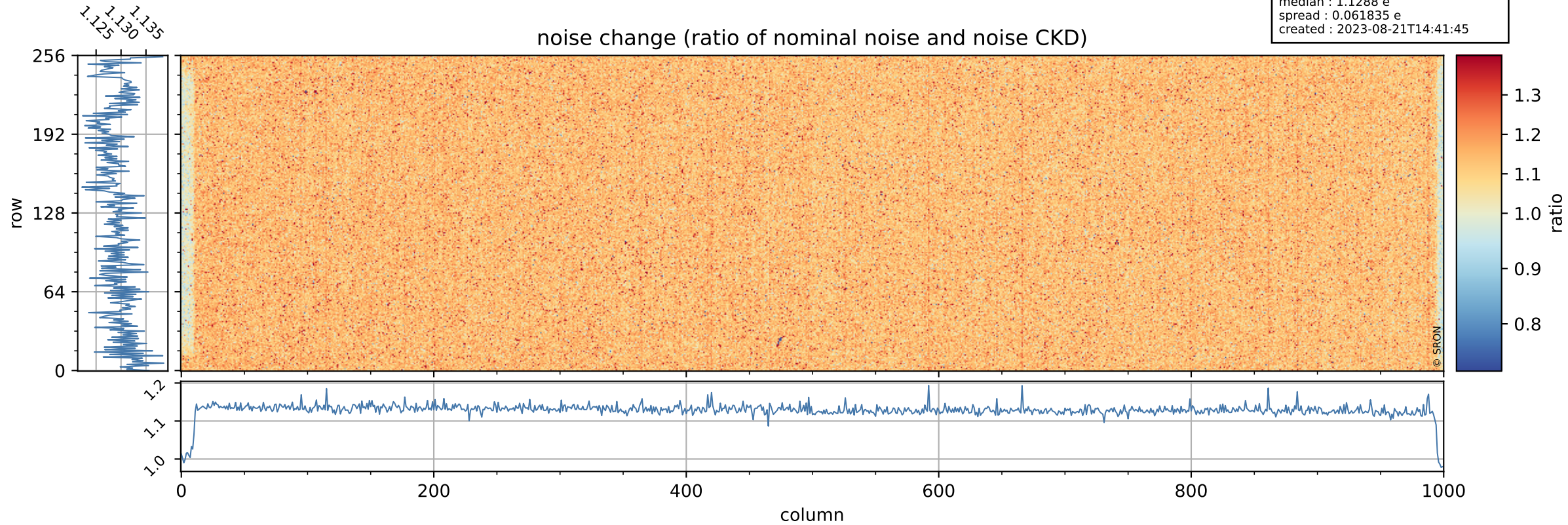
orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
median : 1.0022 e
spread : 0.0077921 e
created : 2023-08-21T14:41:45



Tropomi SWIR background noise (swir)

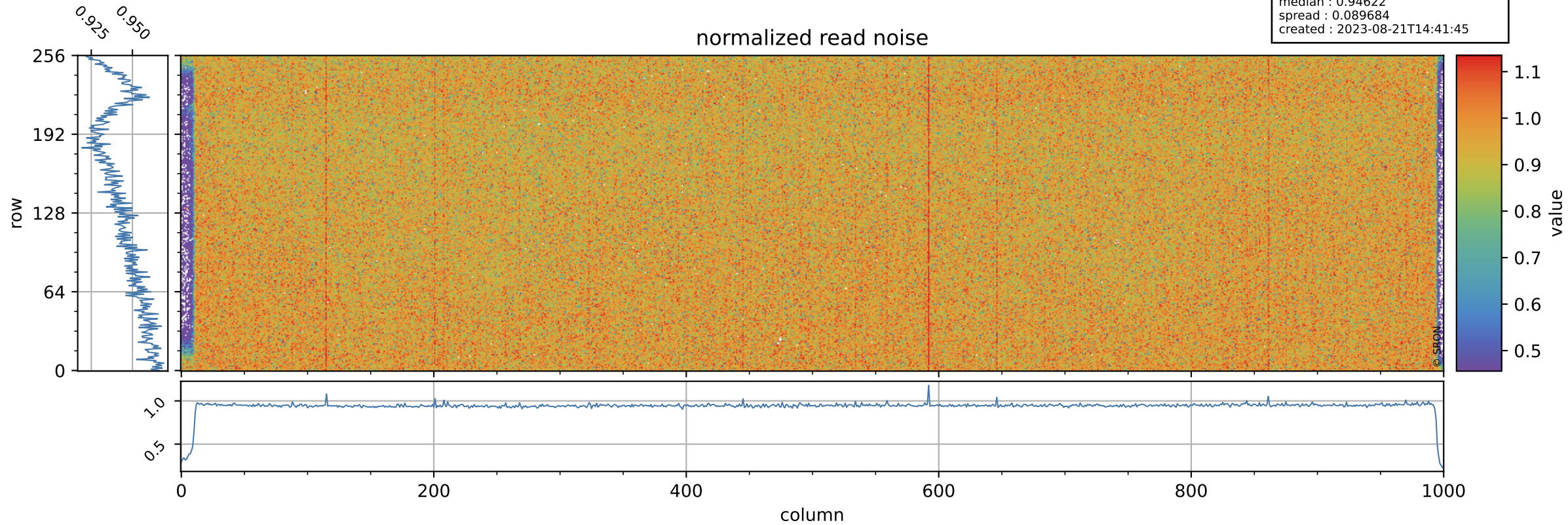
orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
median : 1.1288 e
spread : 0.061835 e
created : 2023-08-21T14:41:45

noise change (ratio of nominal noise and noise CKD)



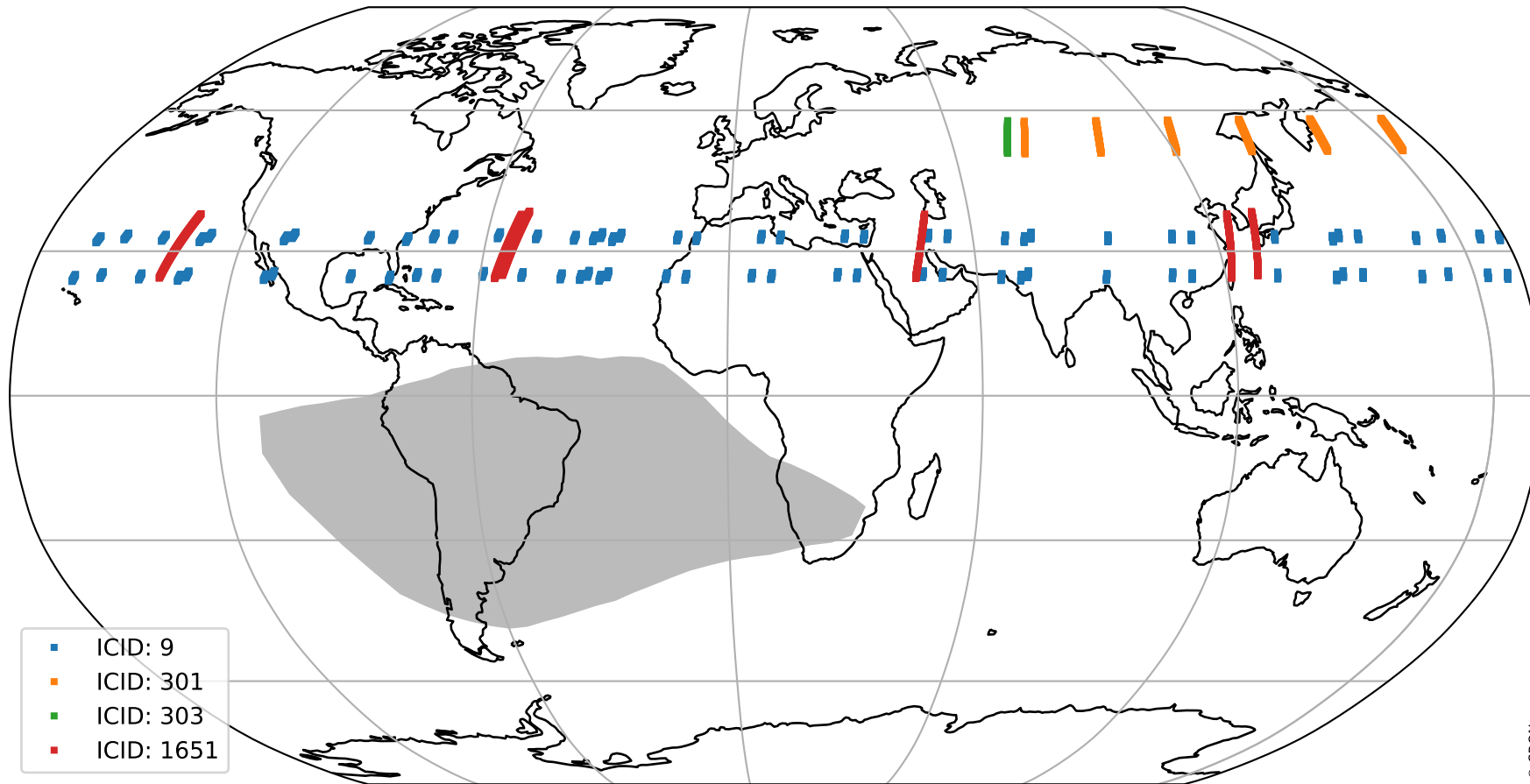
Tropomi SWIR background noise (swir)

orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
median : 0.94622
spread : 0.089684
created : 2023-08-21T14:41:45



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

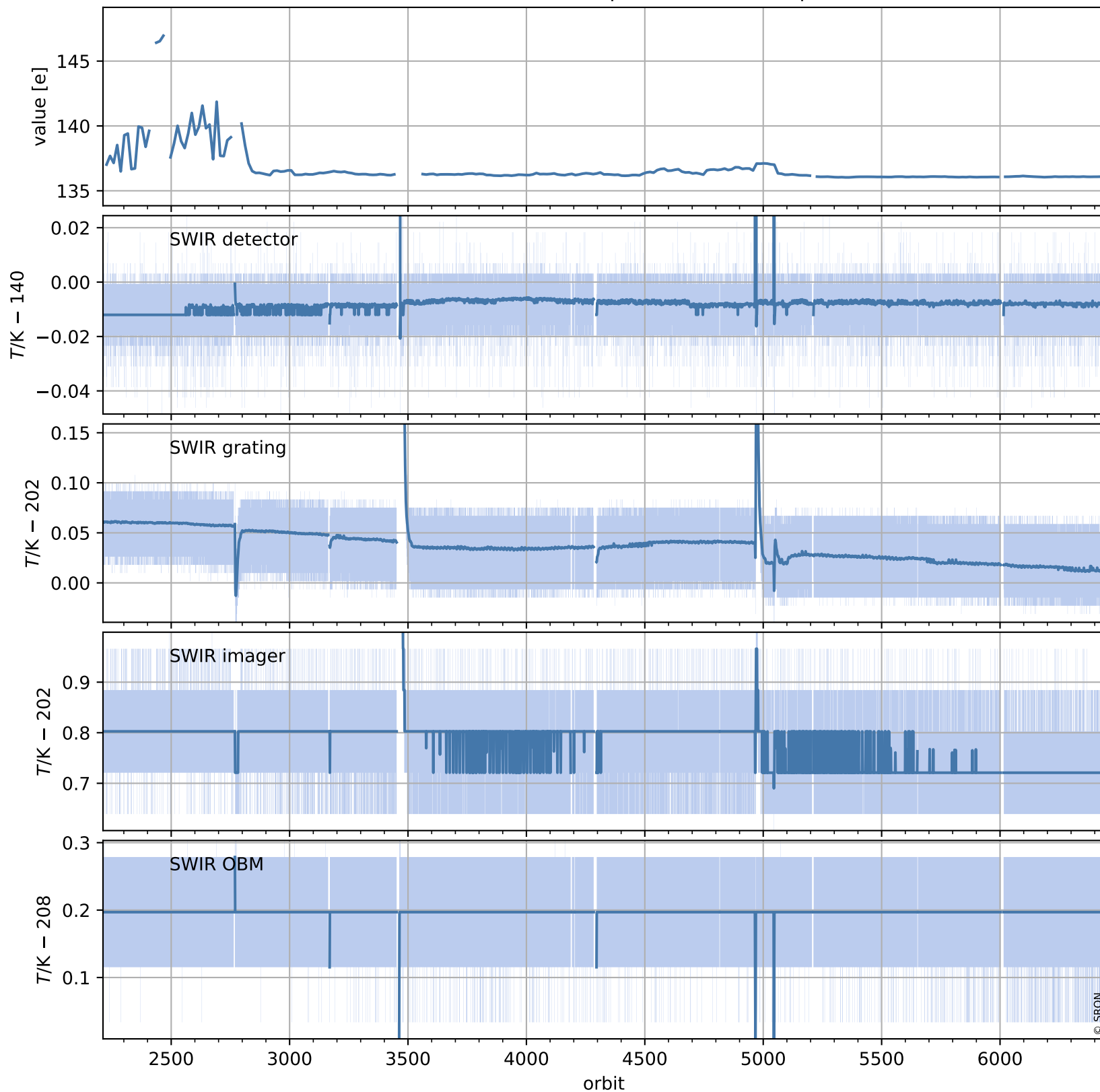
orbits : 13 in [6352, 6442]
coverage : 2019-01-04 / 2019-01-10
created : 2023-08-21T14:41:45



Tropomi SWIR background noise (swir)

orbits : [2212, 6442]
coverage : 2018-03-18 / 2019-01-10
created : 2023-08-21T14:41:46

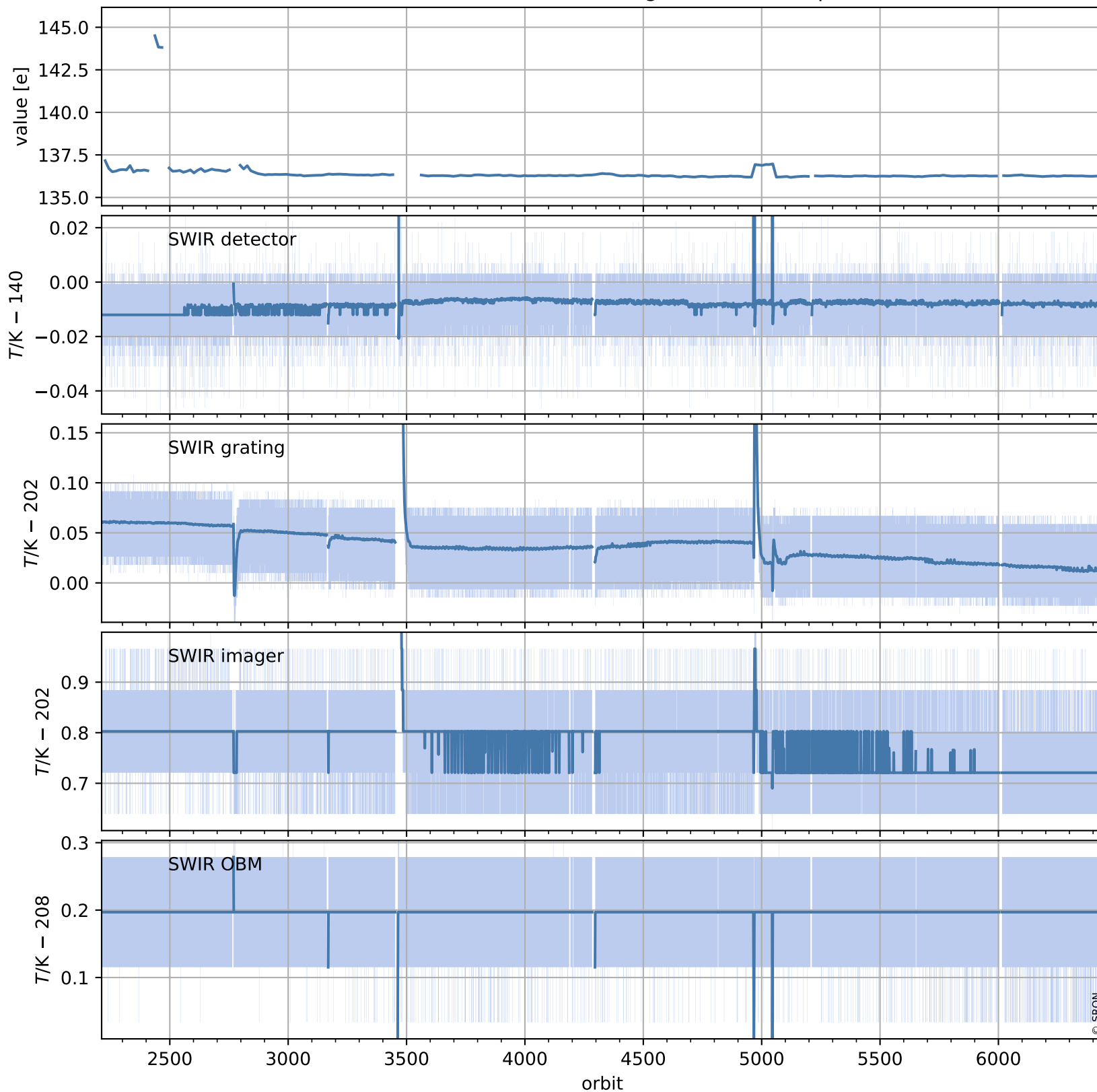
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6442]
coverage : 2018-03-18 / 2019-01-10
created : 2023-08-21T14:41:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6442]
coverage : 2018-03-18 / 2019-01-10
created : 2023-08-21T14:41:47

trend of normalized read-noise & temperatures

