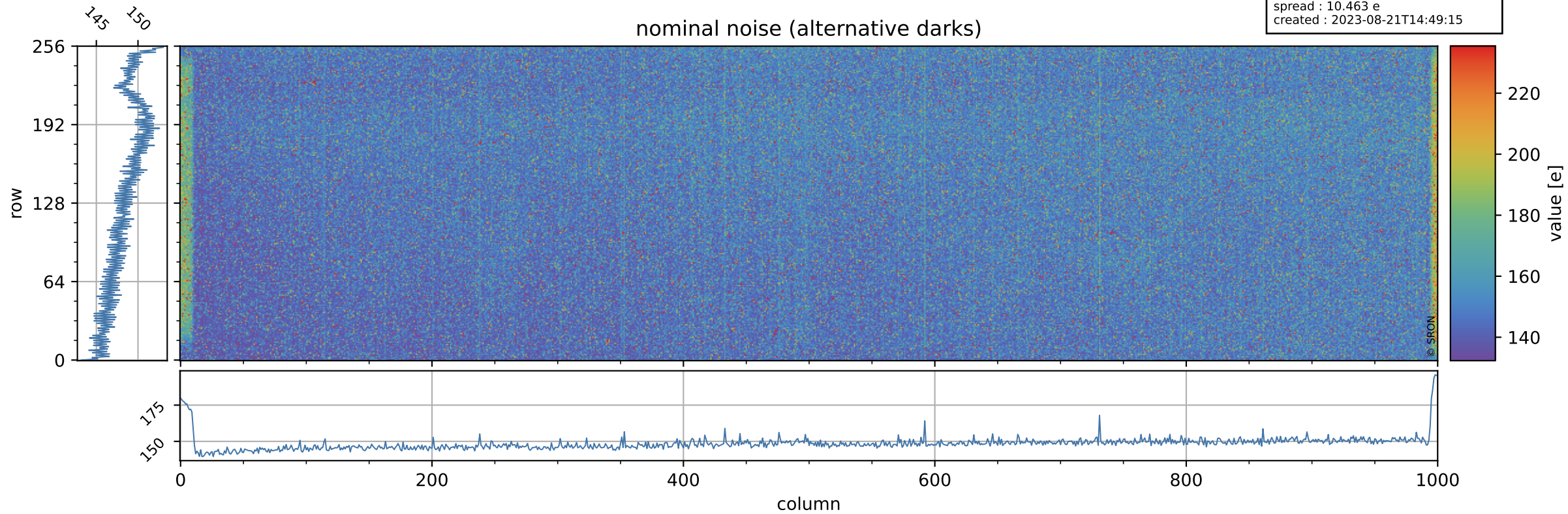


Tropomi SWIR background noise (swir)

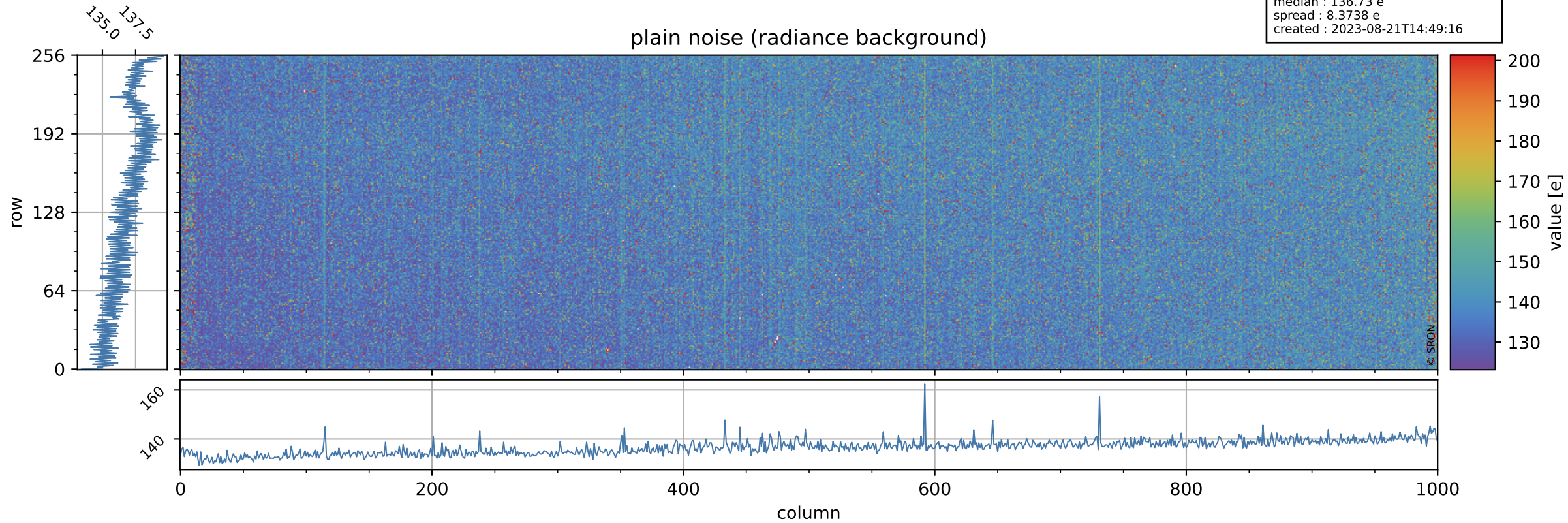
orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.463 e
created : 2023-08-21T14:49:15



Tropomi SWIR background noise (swir)

orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
n_coad, t_exp : 2, 0.5383
median : 136.73 e
spread : 8.3738 e
created : 2023-08-21T14:49:16

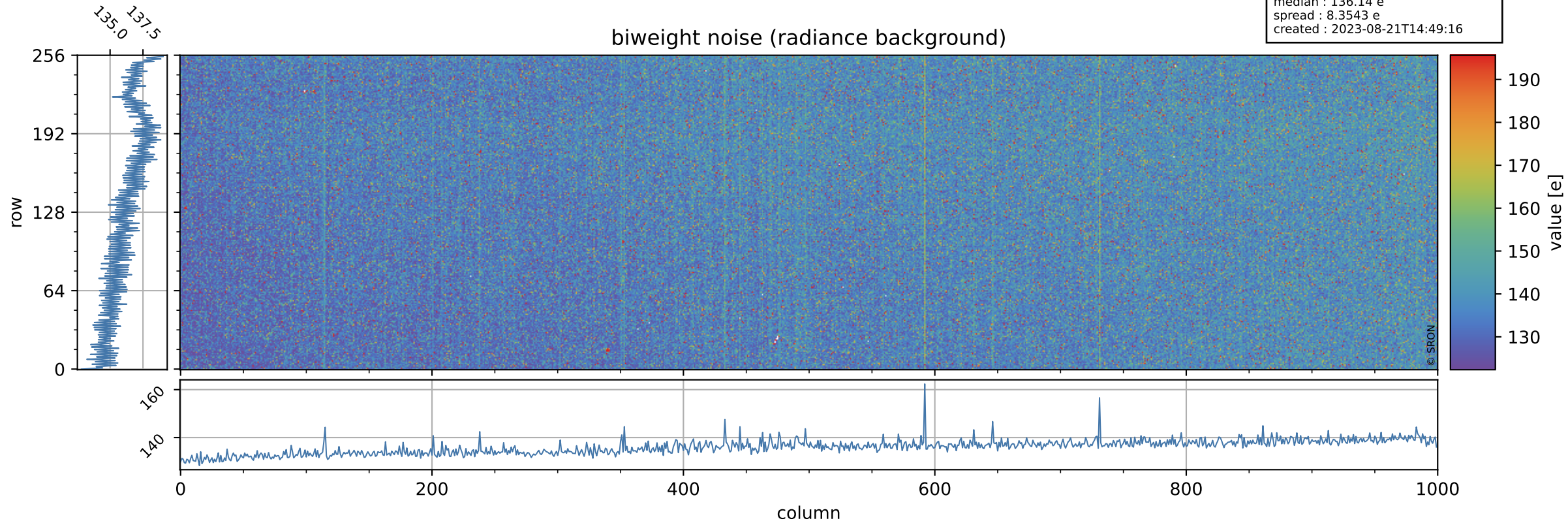
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.3543 e
created : 2023-08-21T14:49:16

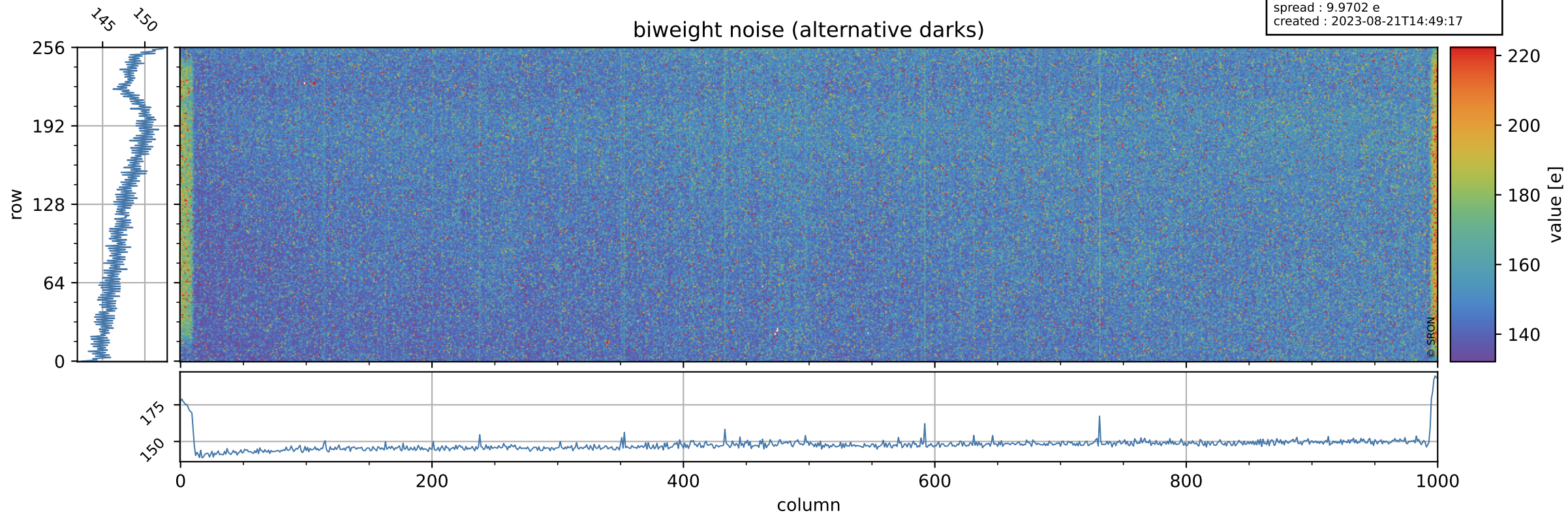
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9702 e
created : 2023-08-21T14:49:17

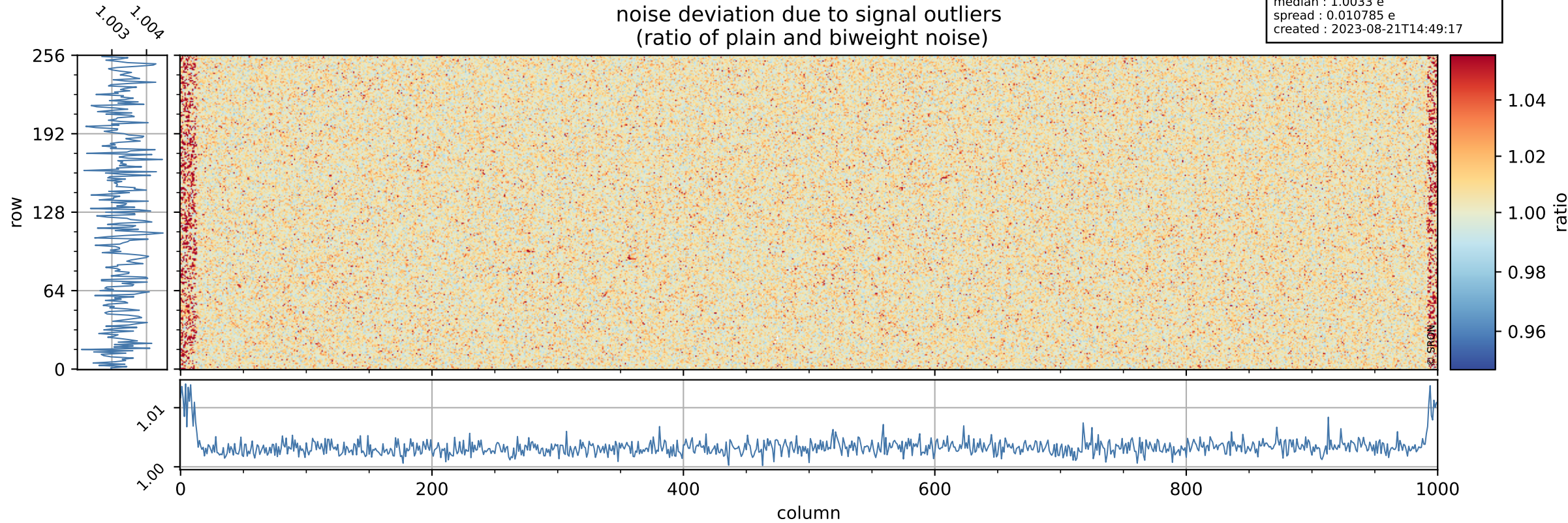
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

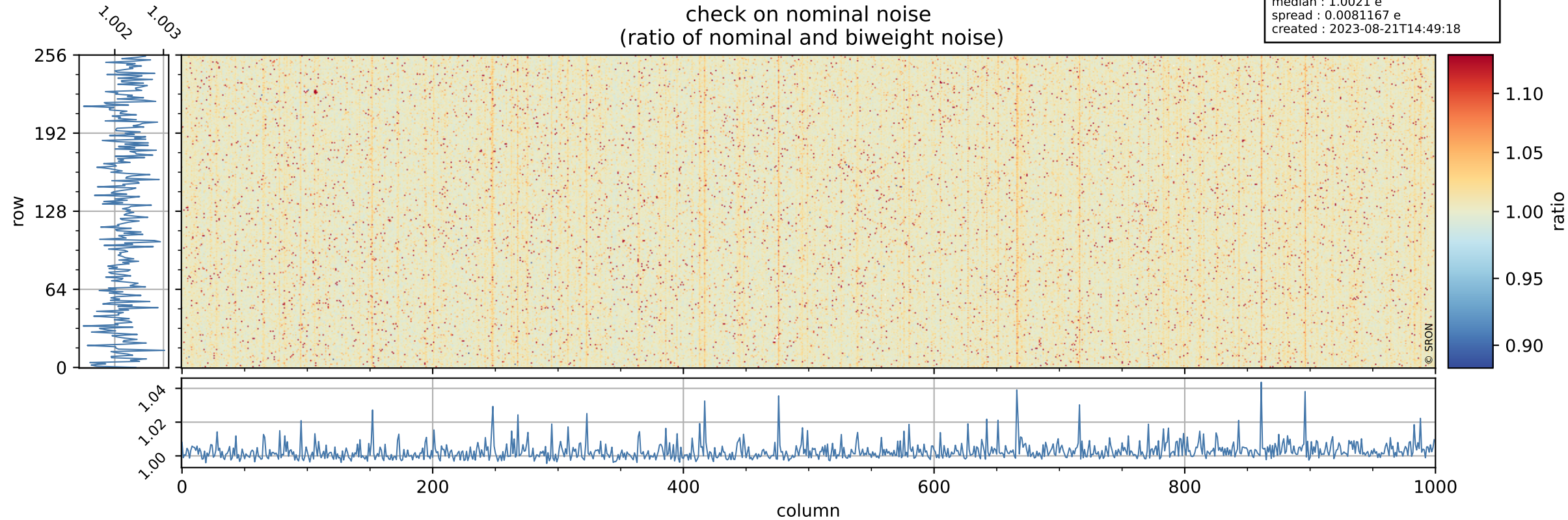
orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
median : 1.0033 e
spread : 0.010785 e
created : 2023-08-21T14:49:17



Tropomi SWIR background noise (swir)

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

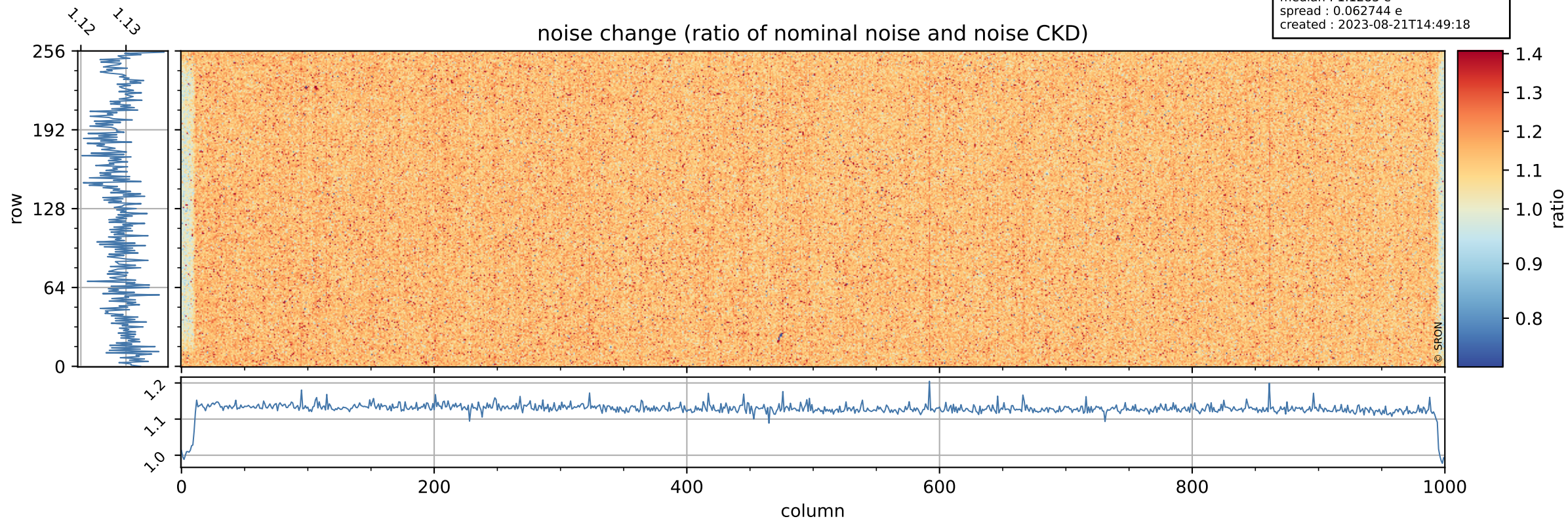
orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
median : 1.0021 e
spread : 0.0081167 e
created : 2023-08-21T14:49:18



Tropomi SWIR background noise (swir)

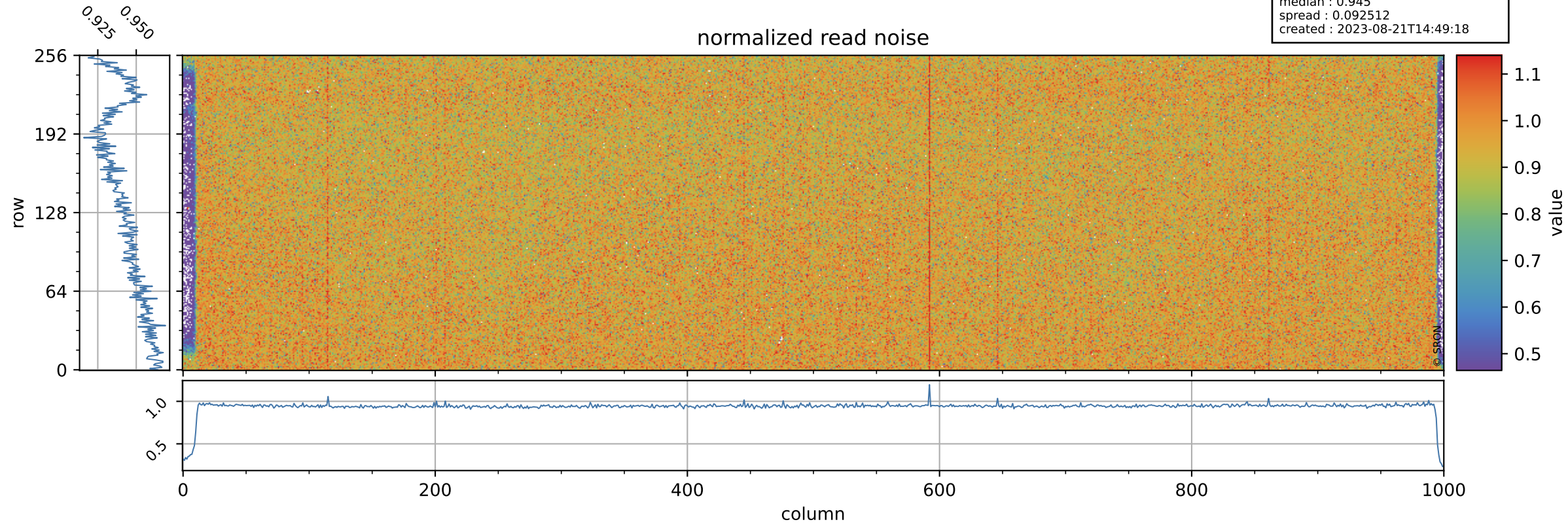
orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
median : 1.1283 e
spread : 0.062744 e
created : 2023-08-21T14:49:18

noise change (ratio of nominal noise and noise CKD)



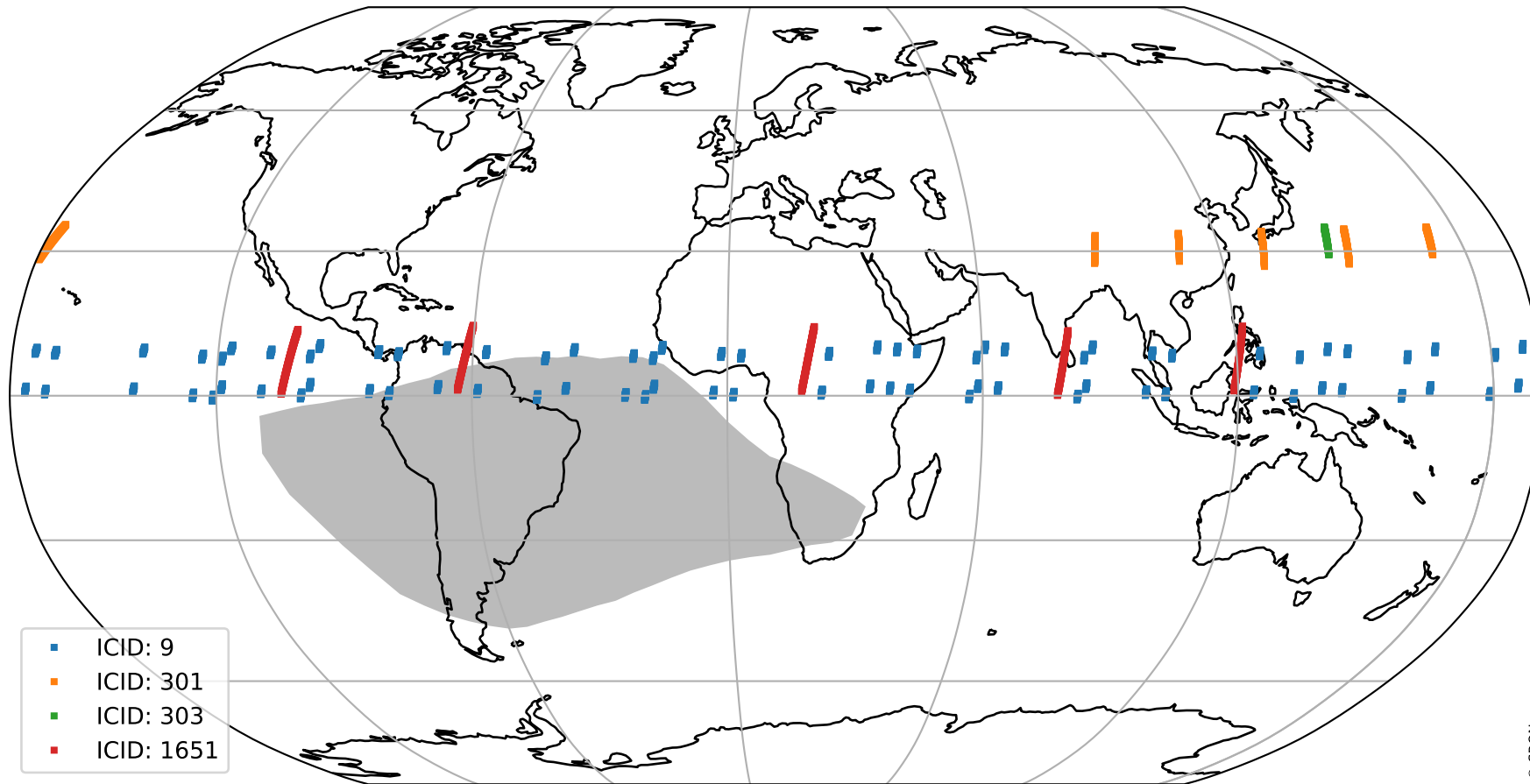
Tropomi SWIR background noise (swir)

orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
median : 0.945
spread : 0.092512
created : 2023-08-21T14:49:18



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

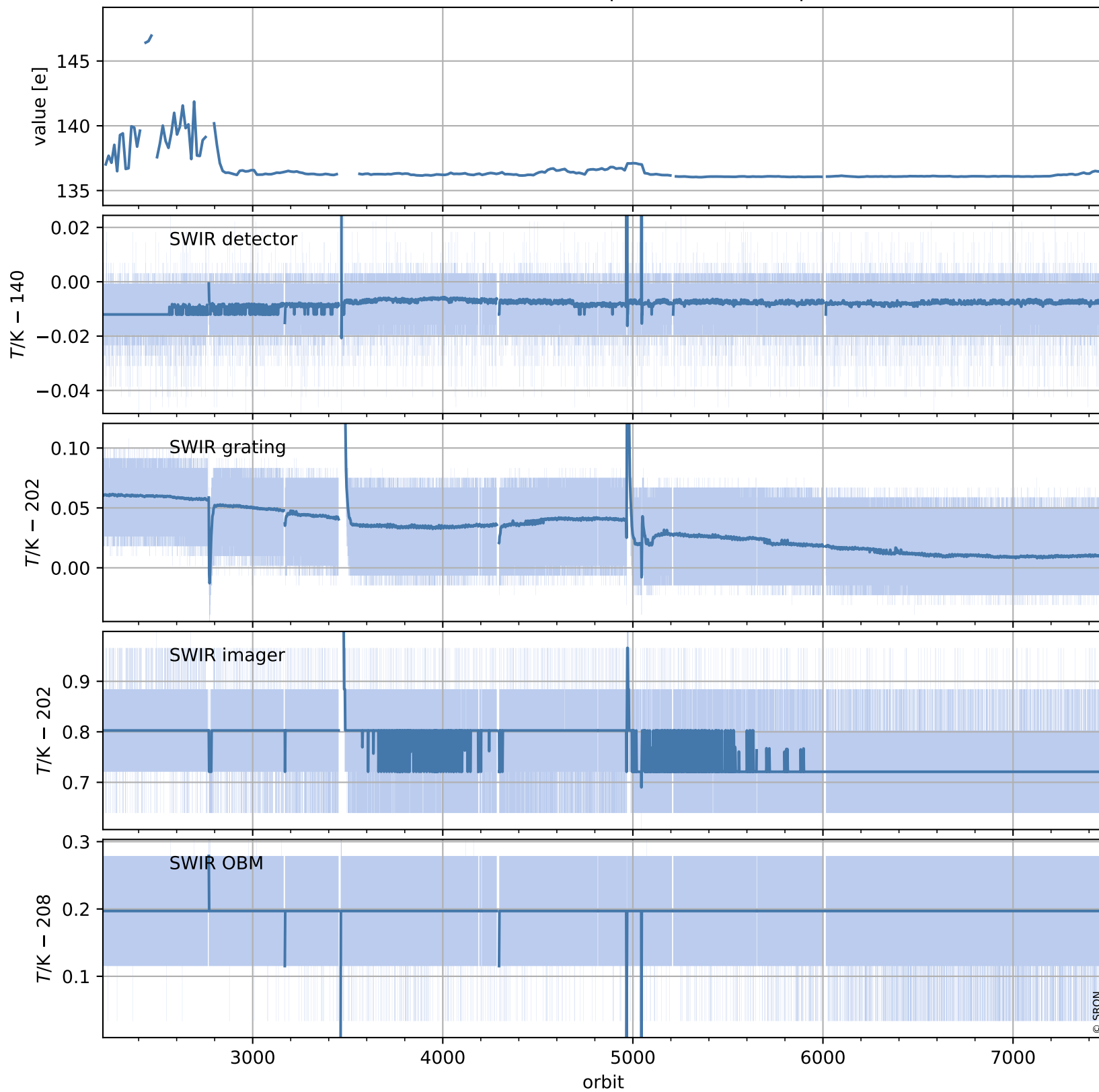
orbits : 12 in [7402, 7477]
coverage : 2019-03-18 / 2019-03-23
created : 2023-08-21T14:49:19



Tropomi SWIR background noise (swir)

orbits : [2212, 7477]
coverage : 2018-03-18 / 2019-03-23
created : 2023-08-21T14:49:19

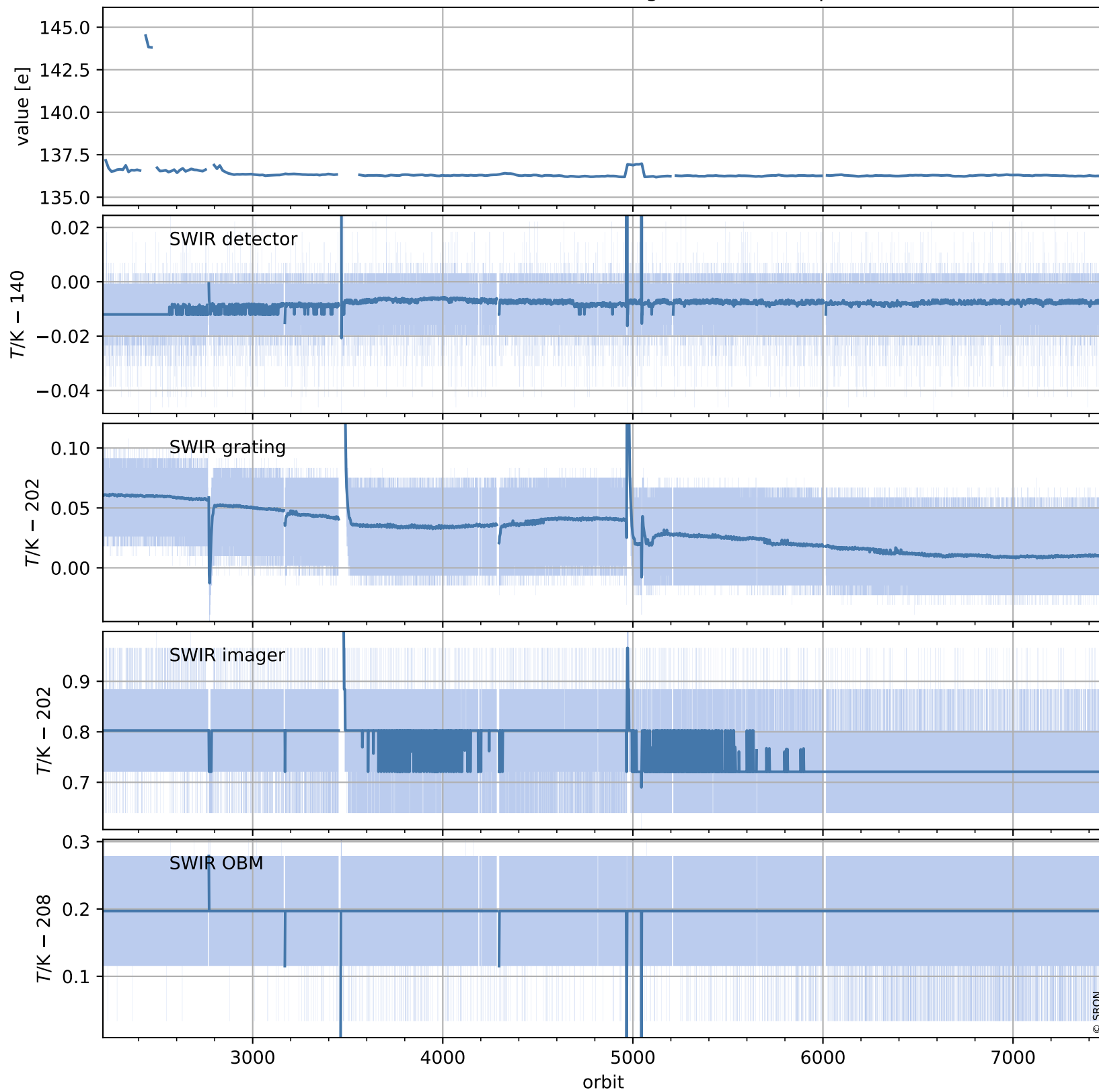
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7477]
coverage : 2018-03-18 / 2019-03-23
created : 2023-08-21T14:49:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7477]
coverage : 2018-03-18 / 2019-03-23
created : 2023-08-21T14:49:21

trend of normalized read-noise & temperatures

