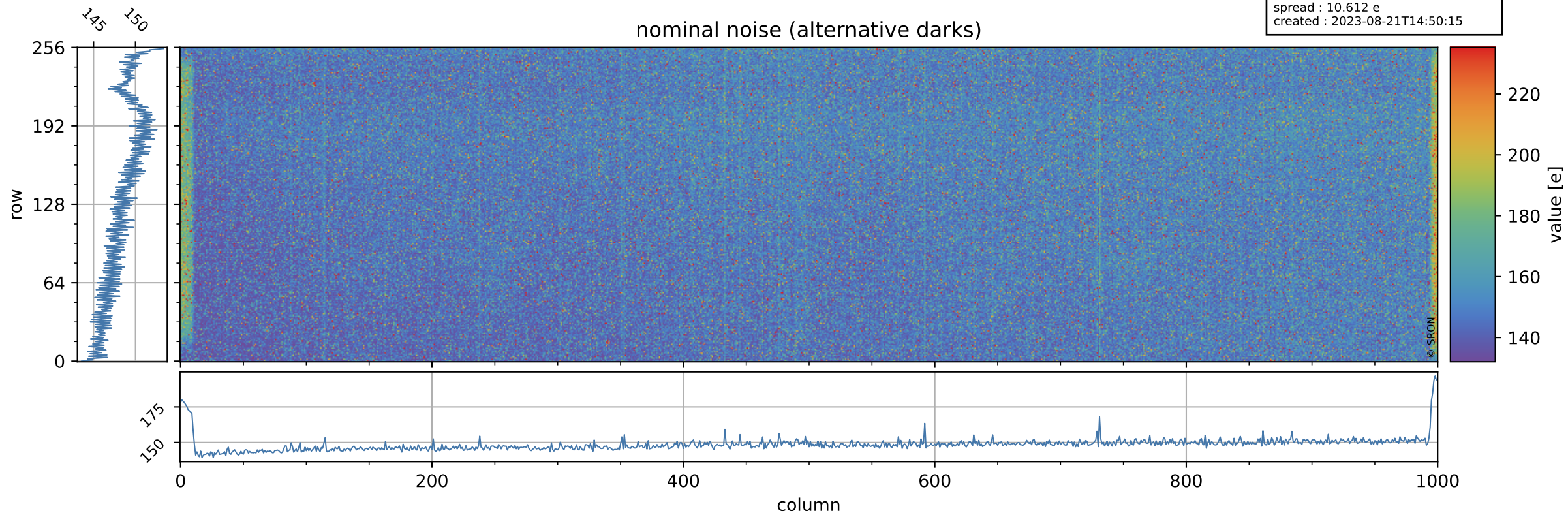


Tropomi SWIR background noise (swir)

orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.612 e
created : 2023-08-21T14:50:15

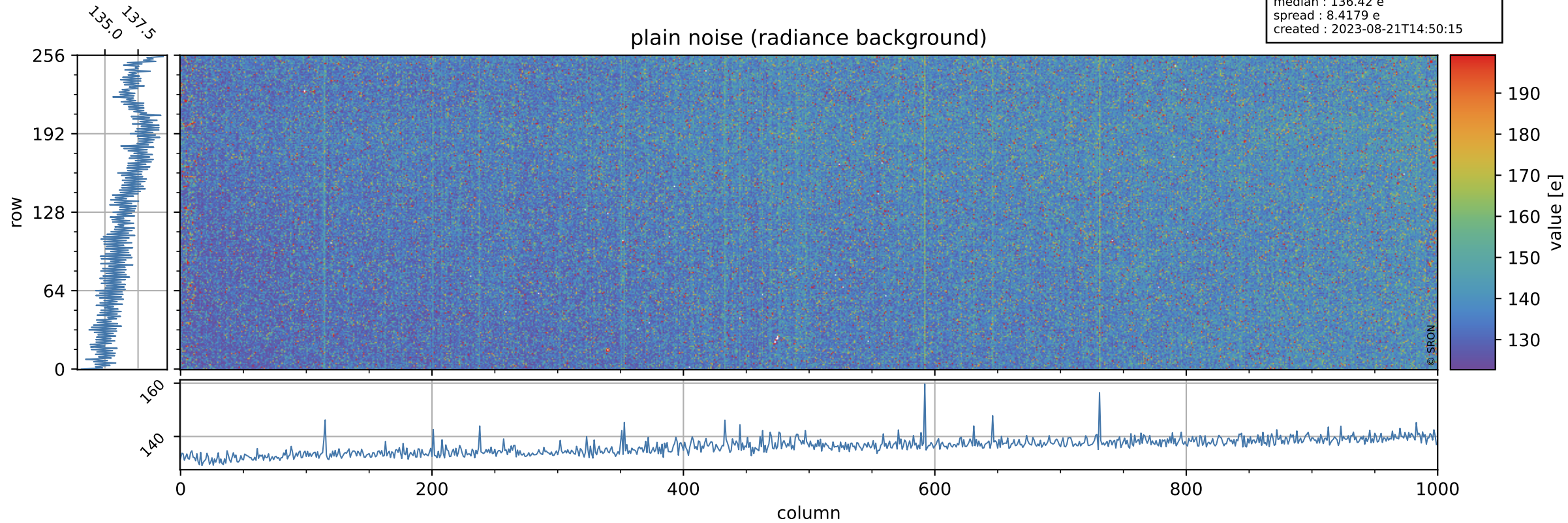
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
n_coad, t_exp : 2, 0.5383
median : 136.42 e
spread : 8.4179 e
created : 2023-08-21T14:50:15

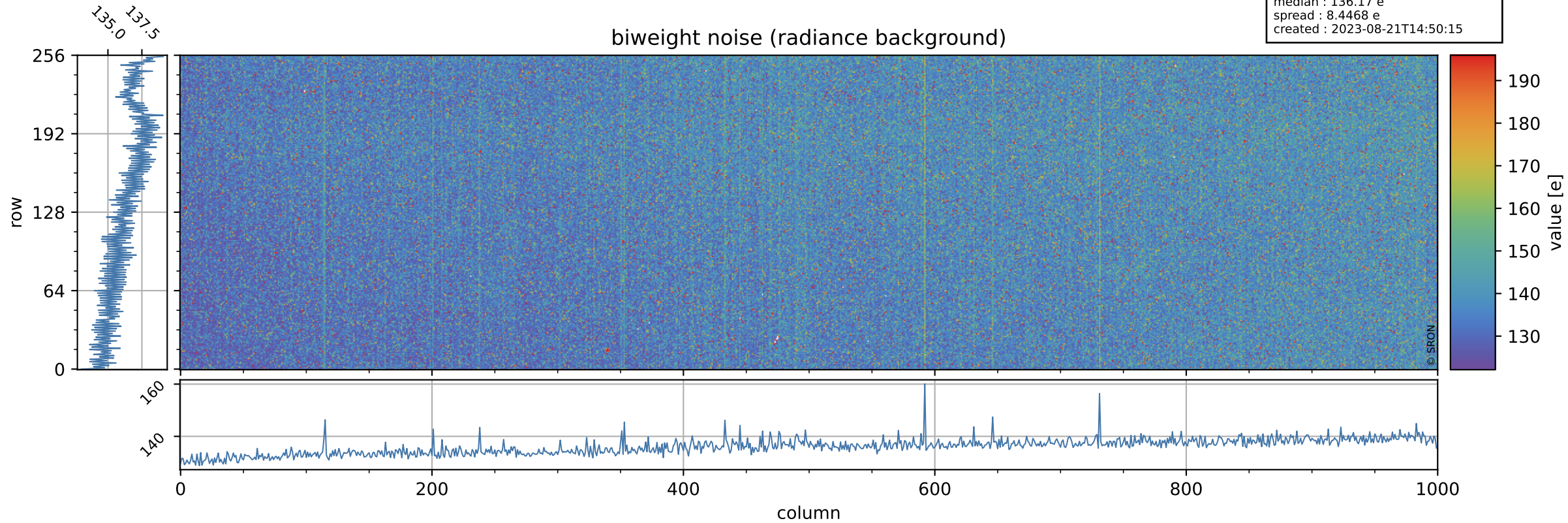
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.4468 e
created : 2023-08-21T14:50:15

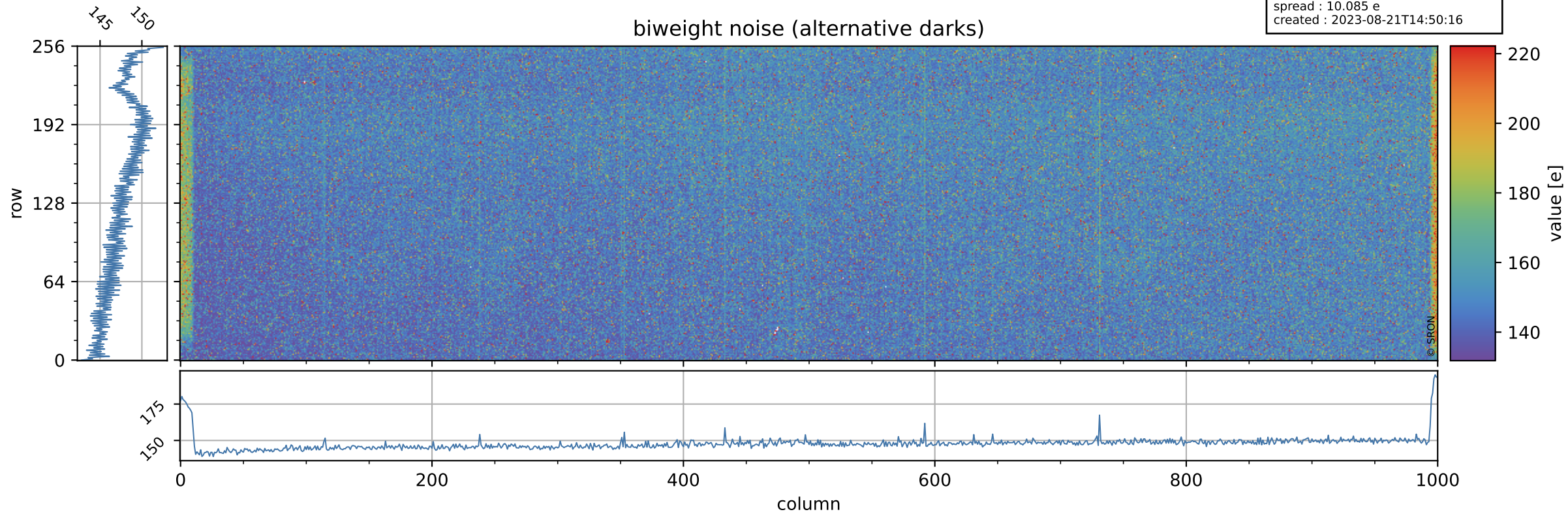
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 10.085 e
created : 2023-08-21T14:50:16

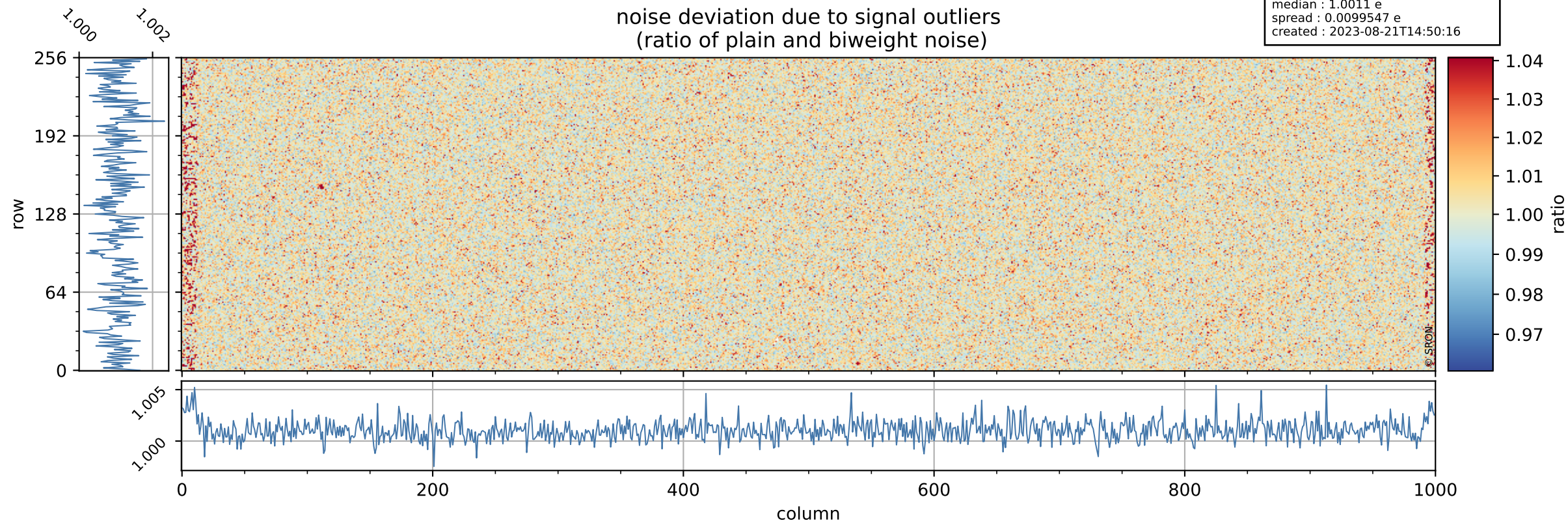
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

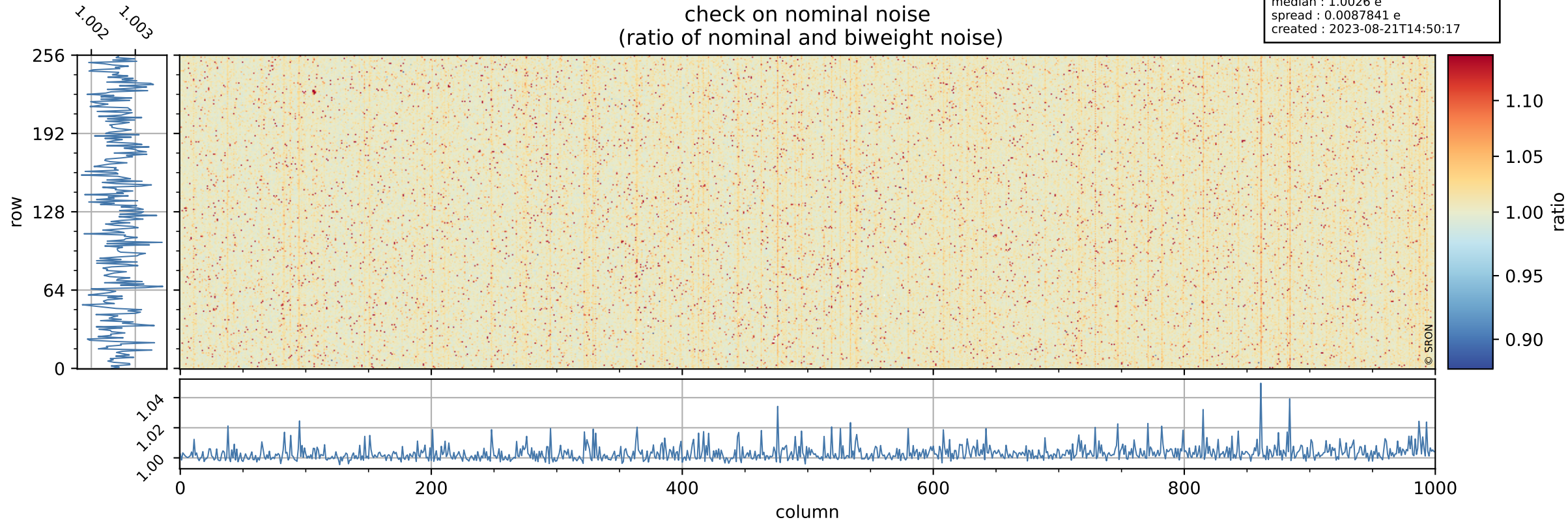
orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
median : 1.0011 e
spread : 0.0099547 e
created : 2023-08-21T14:50:16



Tropomi SWIR background noise (swir)

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

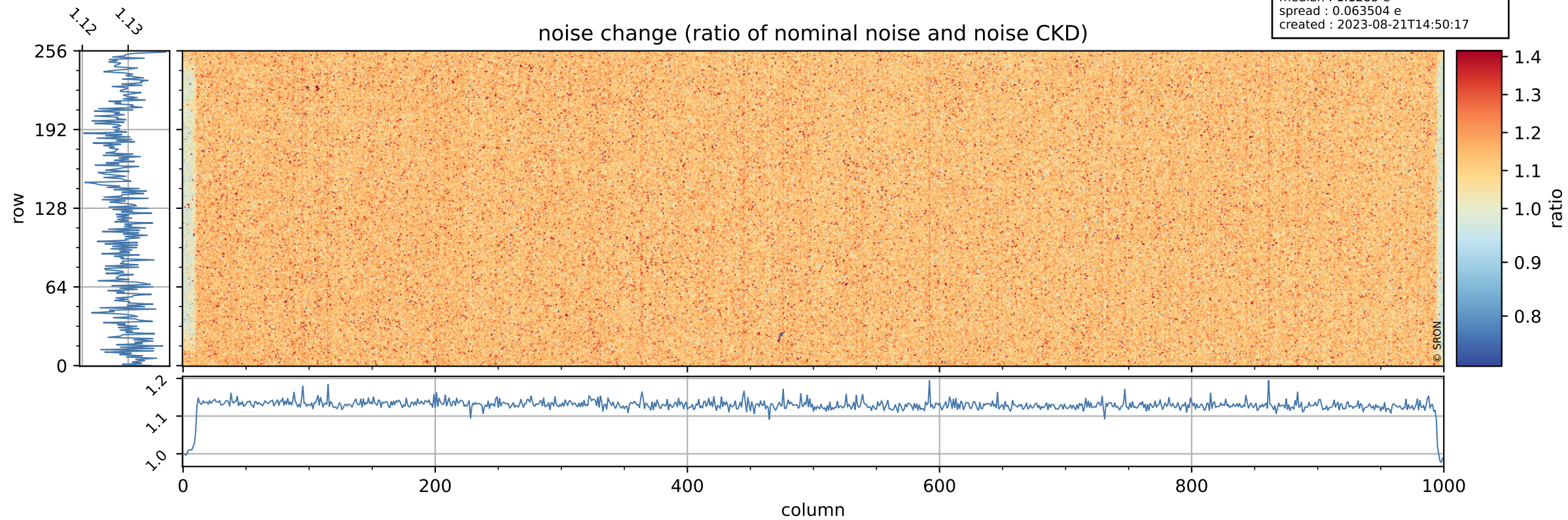
orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
median : 1.0026 e
spread : 0.0087841 e
created : 2023-08-21T14:50:17



Tropomi SWIR background noise (swir)

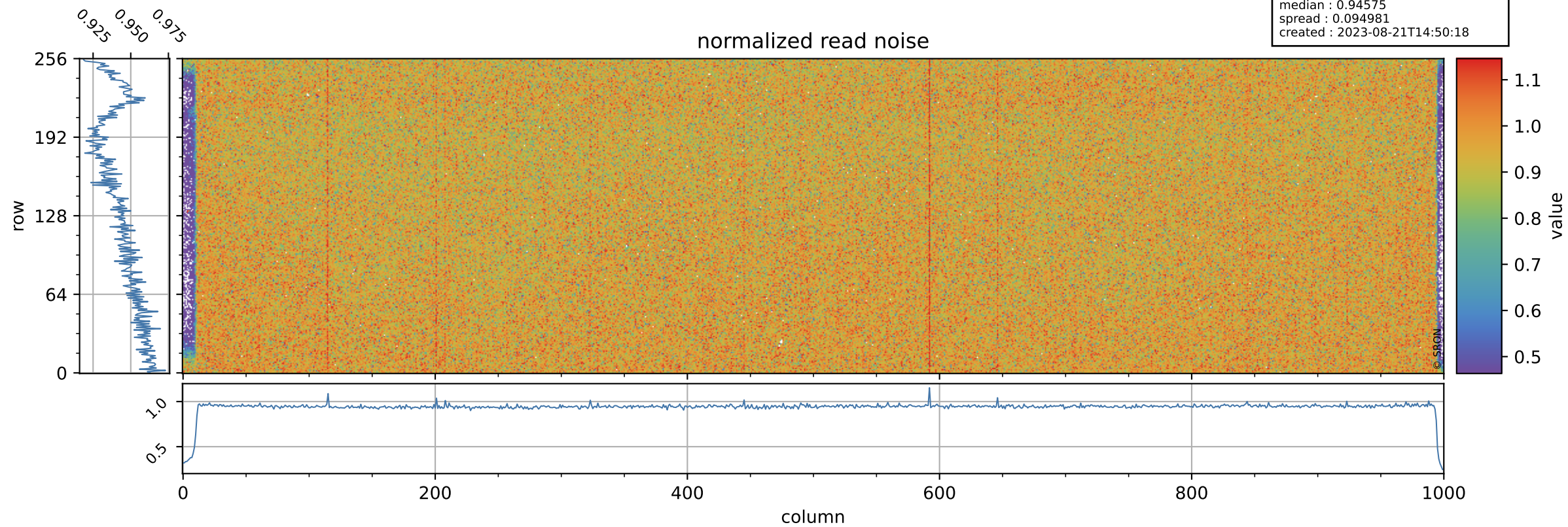
orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
median : 1.1285 e
spread : 0.063504 e
created : 2023-08-21T14:50:17

noise change (ratio of nominal noise and noise CKD)



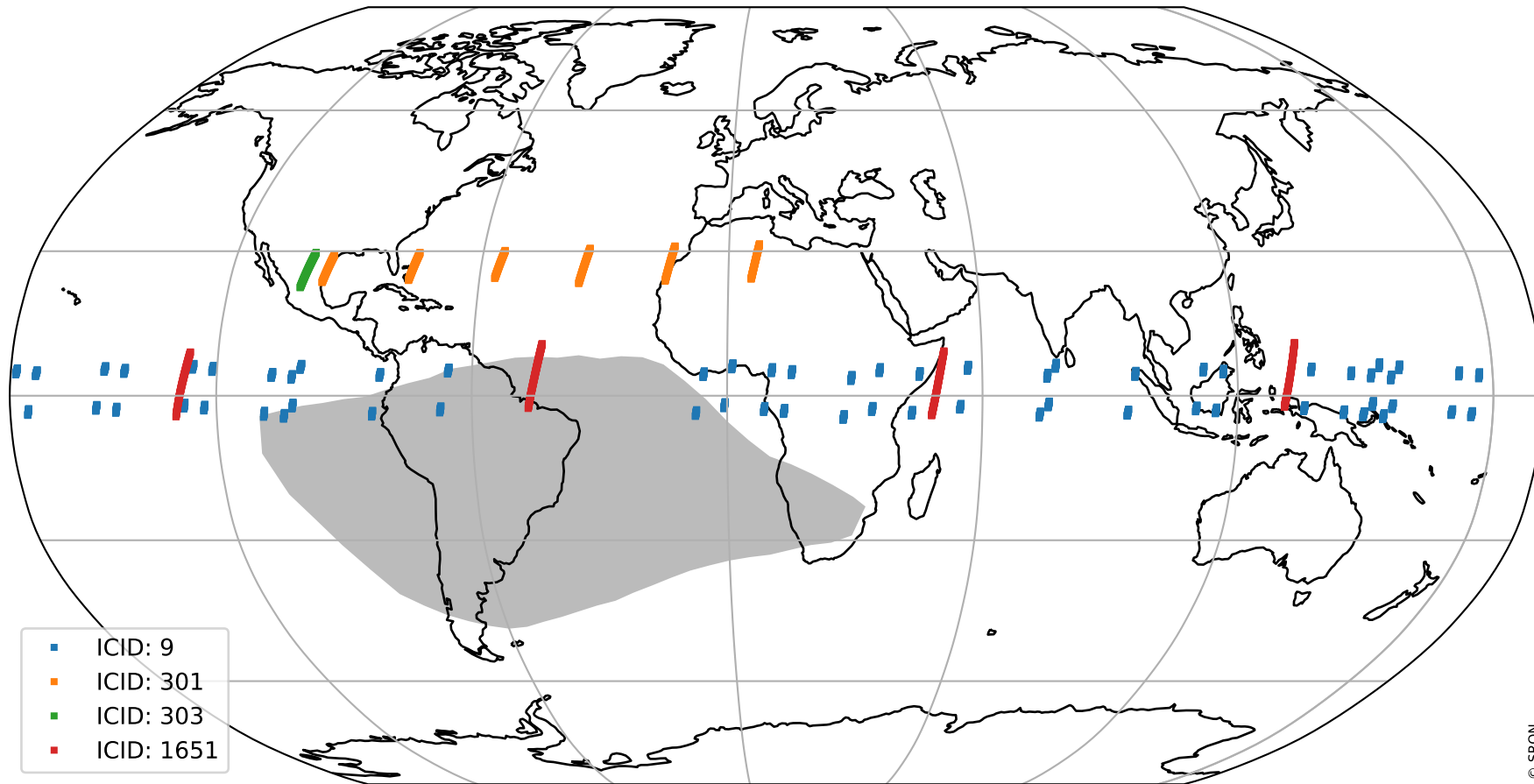
Tropomi SWIR background noise (swir)

orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
median : 0.94575
spread : 0.094981
created : 2023-08-21T14:50:18



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

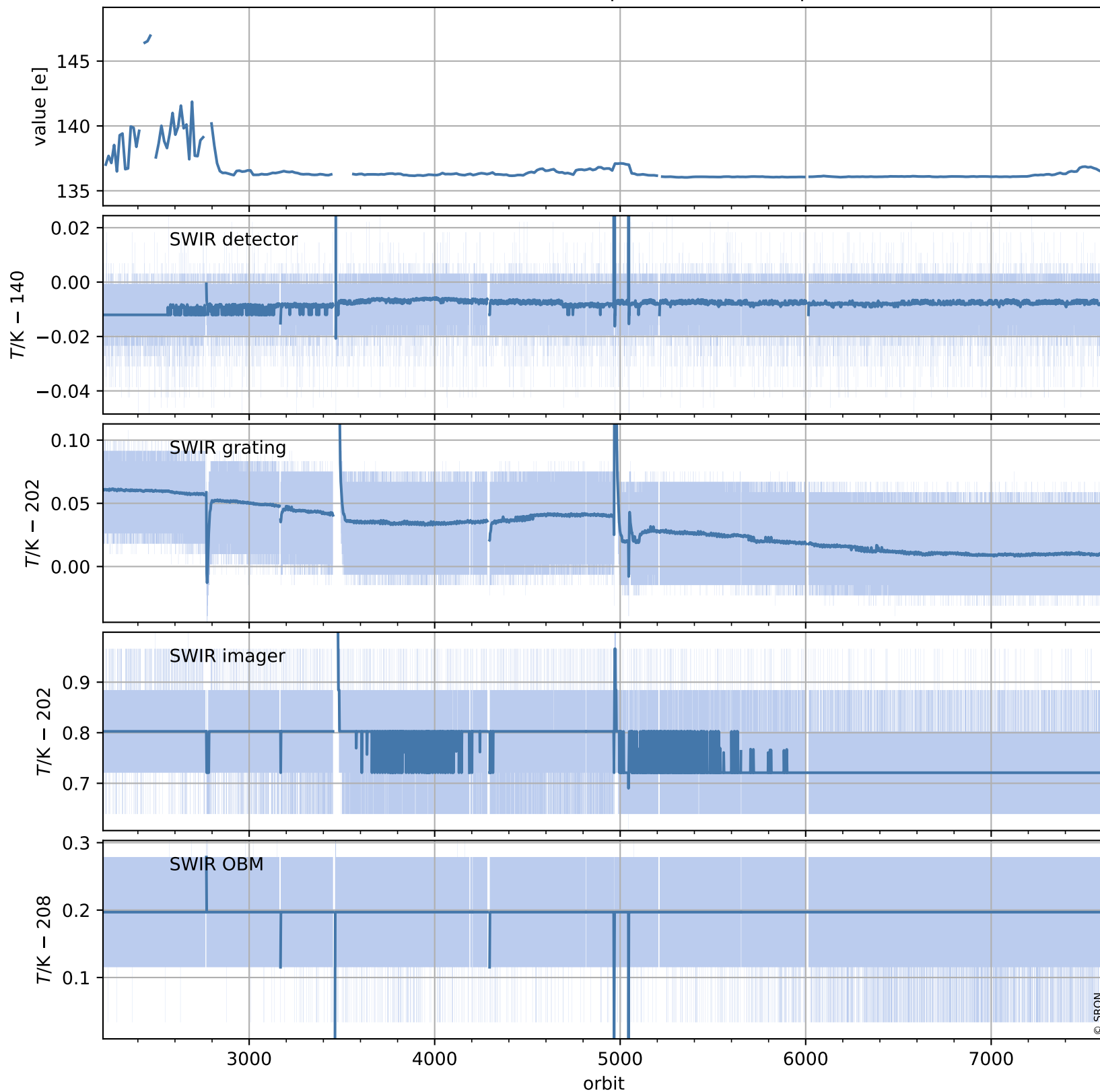
orbits : 11 in [7522, 7612]
coverage : 2019-03-27 / 2019-04-02
created : 2023-08-21T14:50:18



Tropomi SWIR background noise (swir)

orbits : [2212, 7612]
coverage : 2018-03-18 / 2019-04-02
created : 2023-08-21T14:50:19

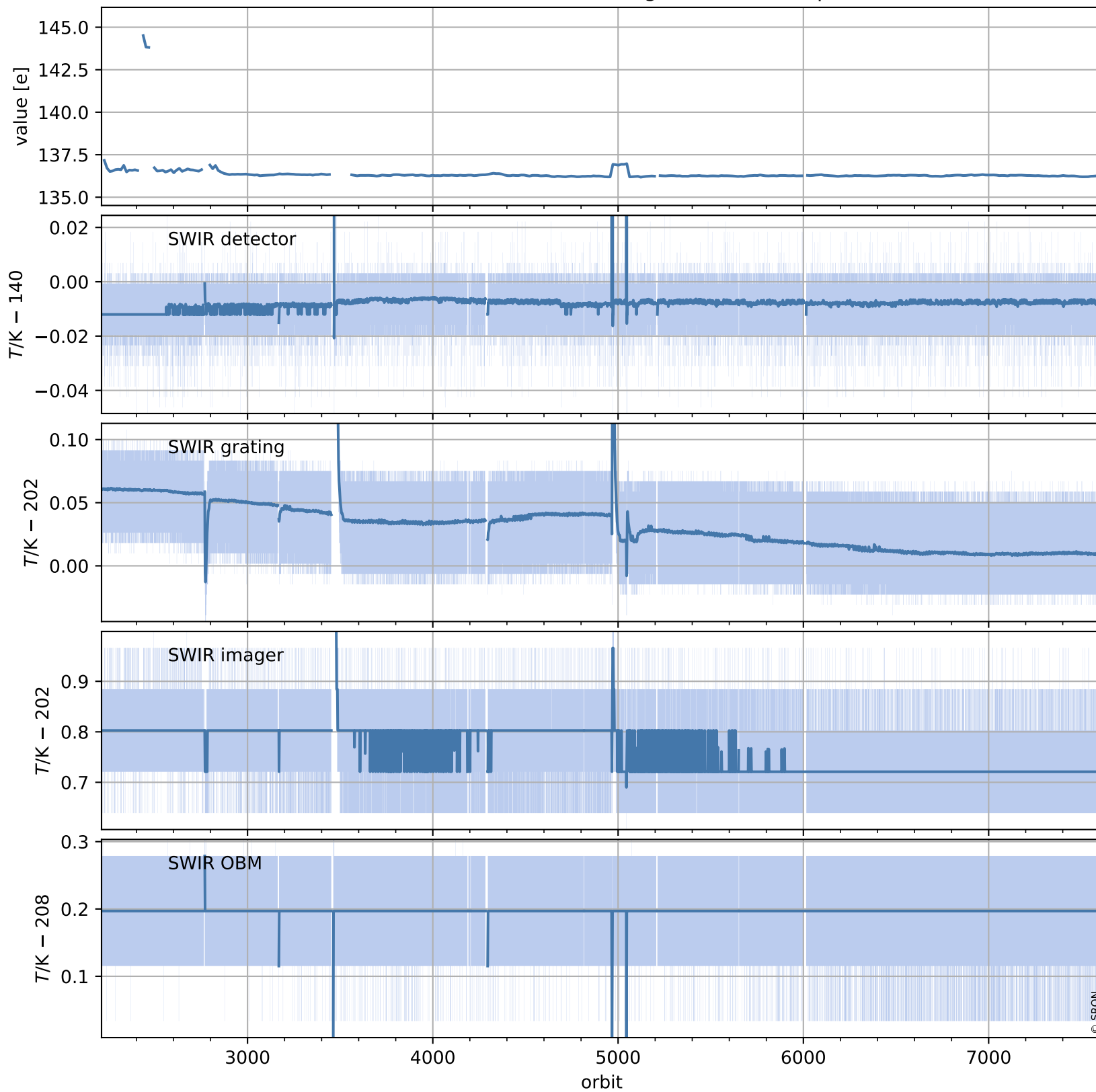
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7612]
coverage : 2018-03-18 / 2019-04-02
created : 2023-08-21T14:50:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7612]
coverage : 2018-03-18 / 2019-04-02
created : 2023-08-21T14:50:20

trend of normalized read-noise & temperatures

