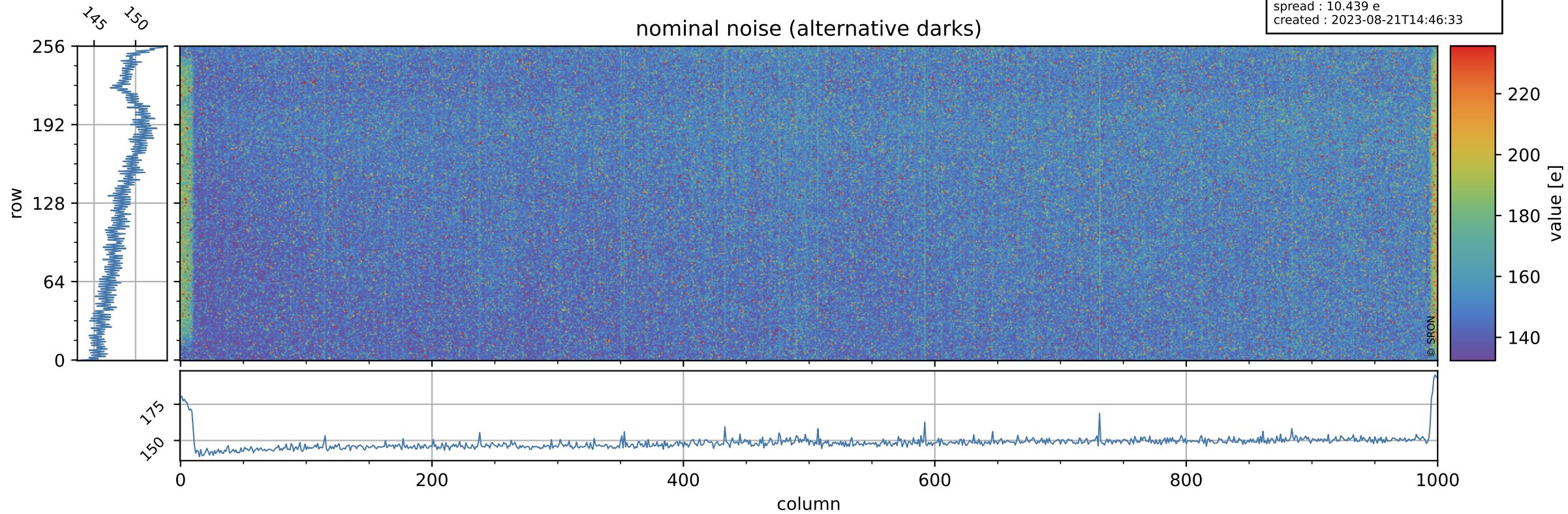


Tropomi SWIR background noise (swir)

orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.439 e
created : 2023-08-21T14:46:33

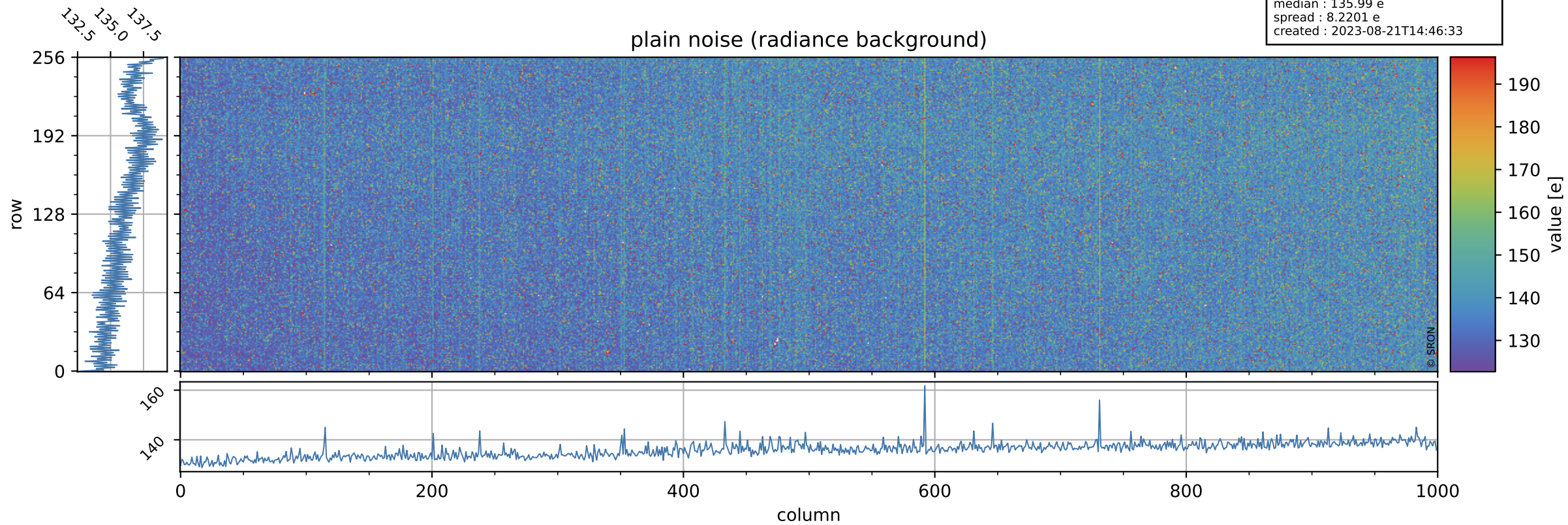
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2201 e
created : 2023-08-21T14:46:33

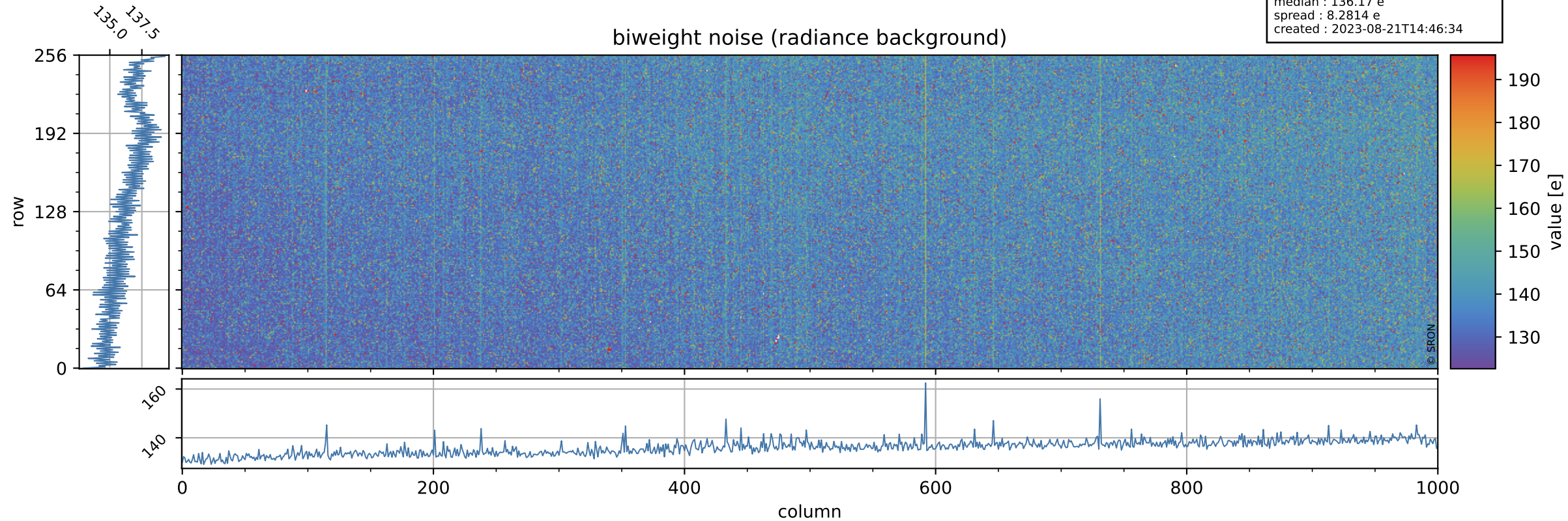
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2814 e
created : 2023-08-21T14:46:34

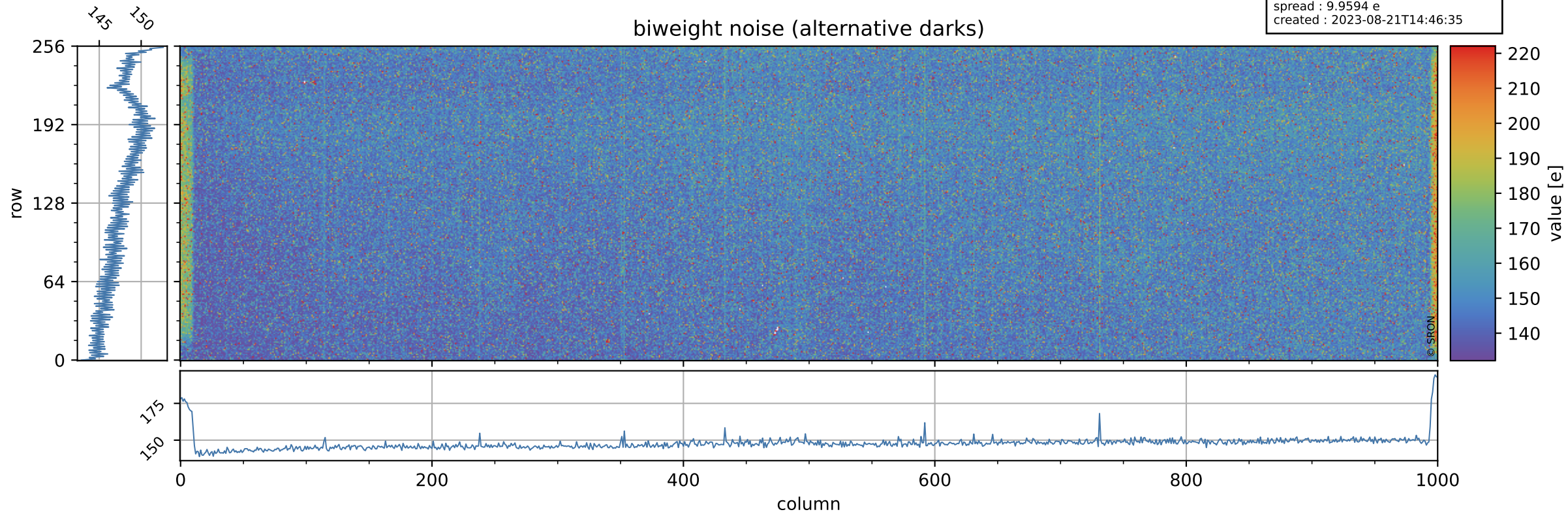
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9594 e
created : 2023-08-21T14:46:35

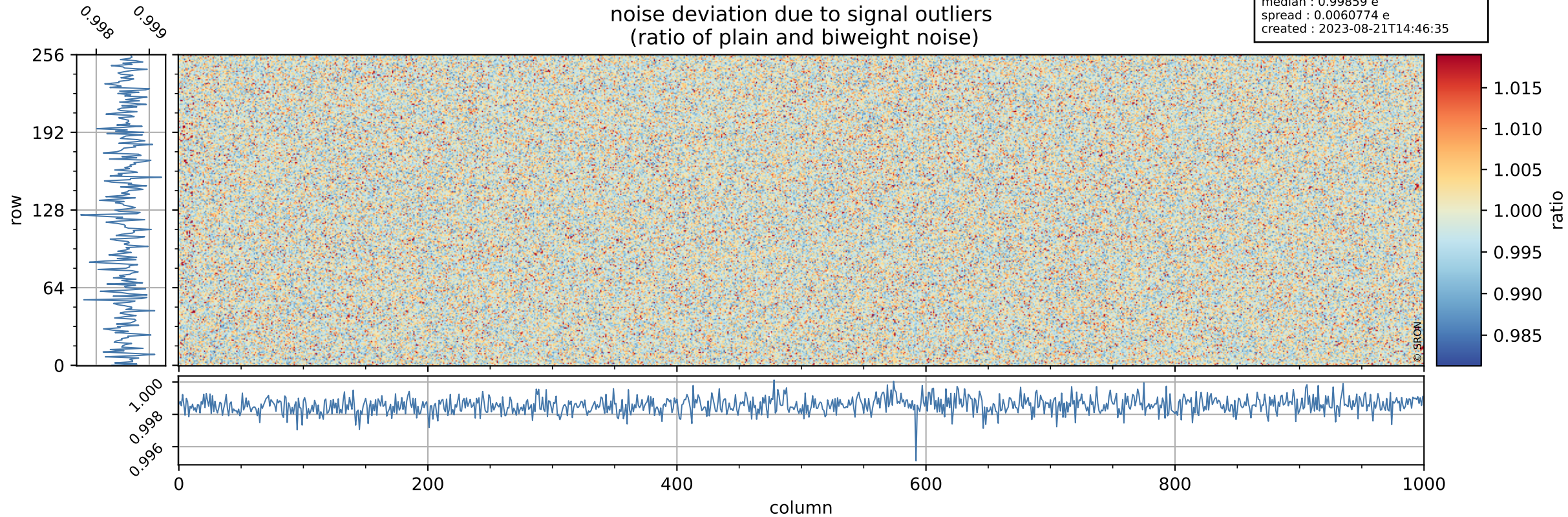
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

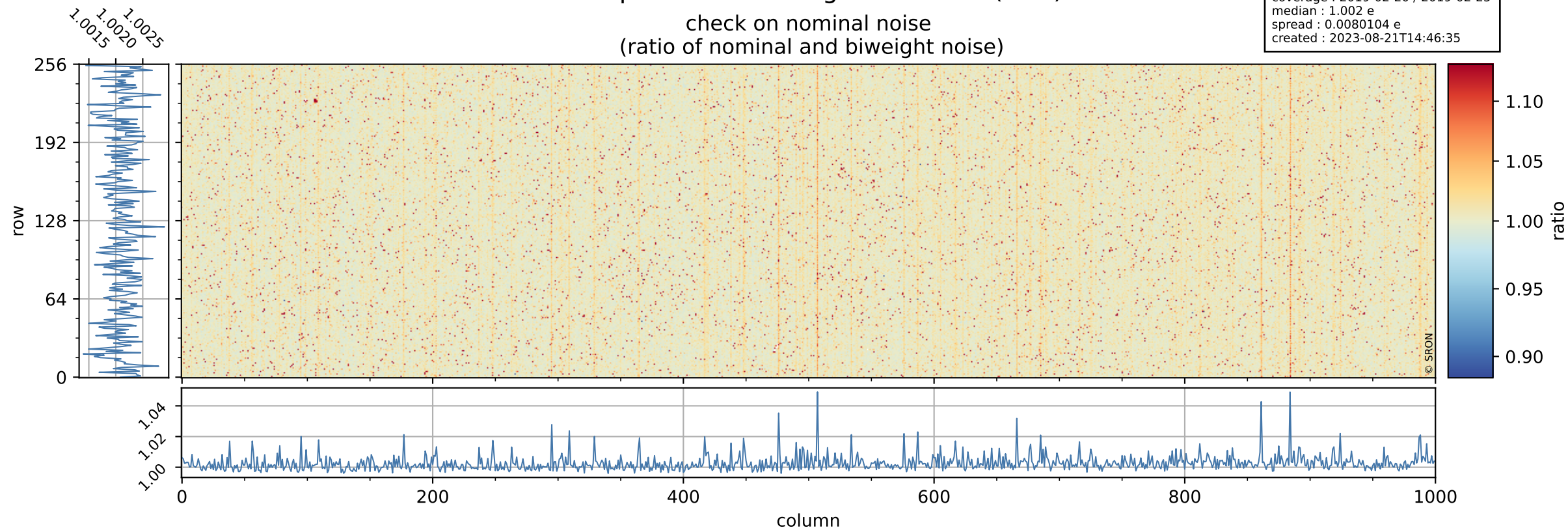
orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
median : 0.99859 e
spread : 0.0060774 e
created : 2023-08-21T14:46:35



Tropomi SWIR background noise (swir)

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

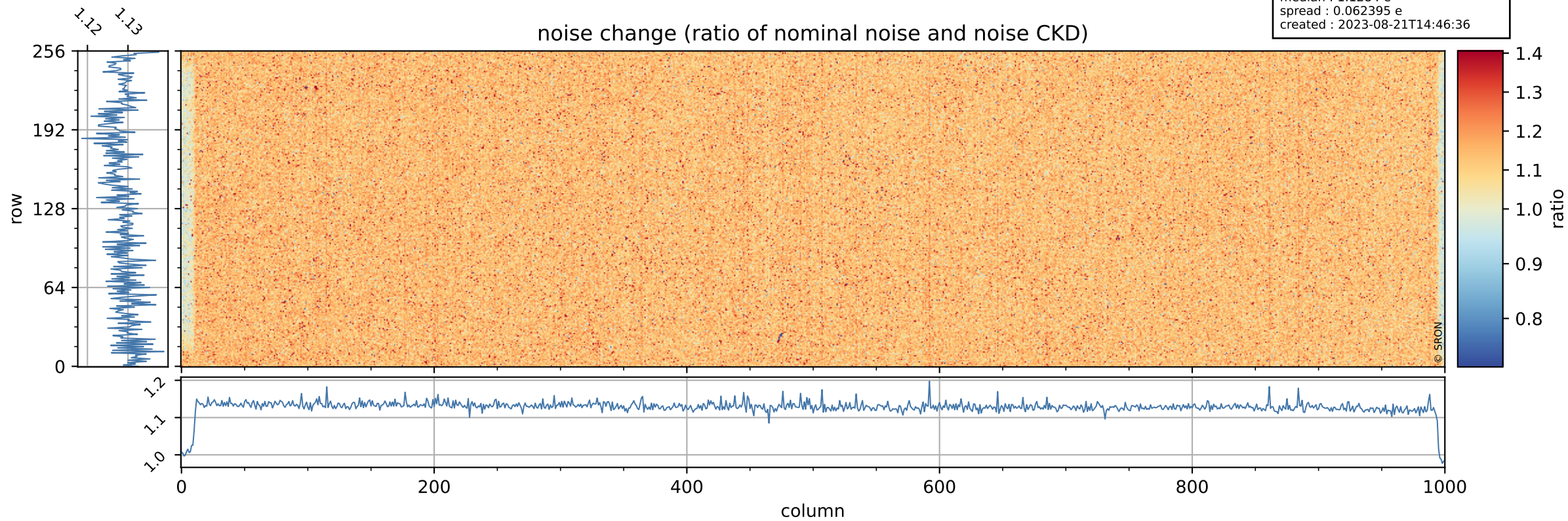
orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
median : 1.002 e
spread : 0.0080104 e
created : 2023-08-21T14:46:35



Tropomi SWIR background noise (swir)

orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
median : 1.1284 e
spread : 0.062395 e
created : 2023-08-21T14:46:36

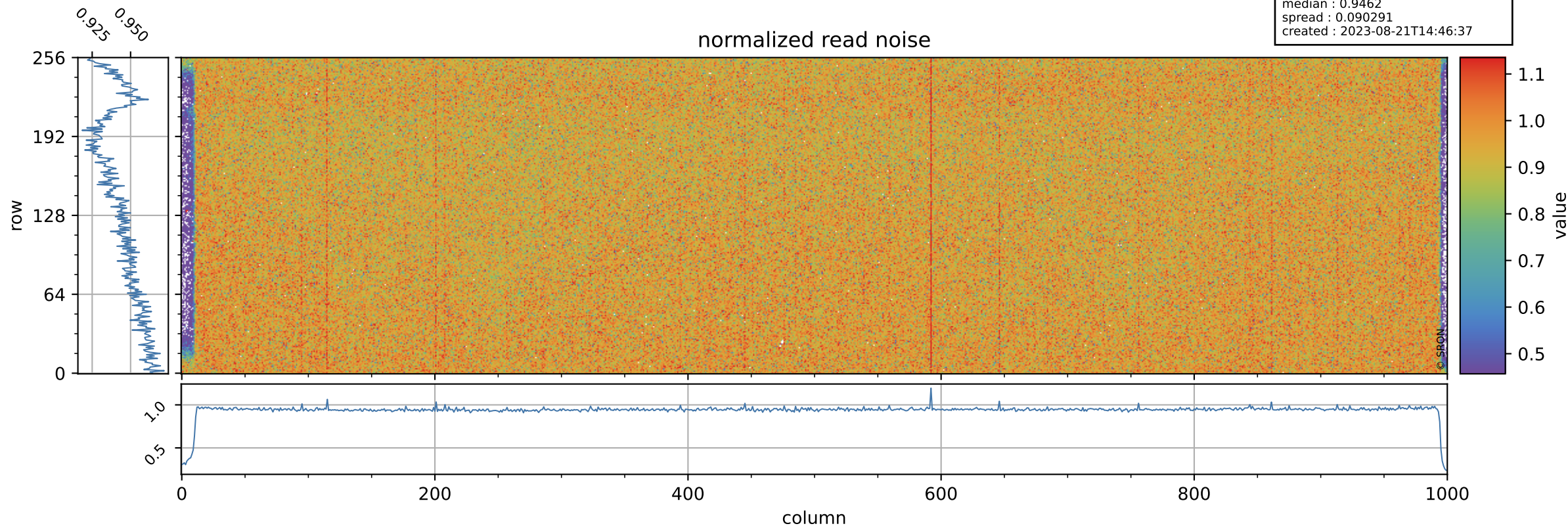
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

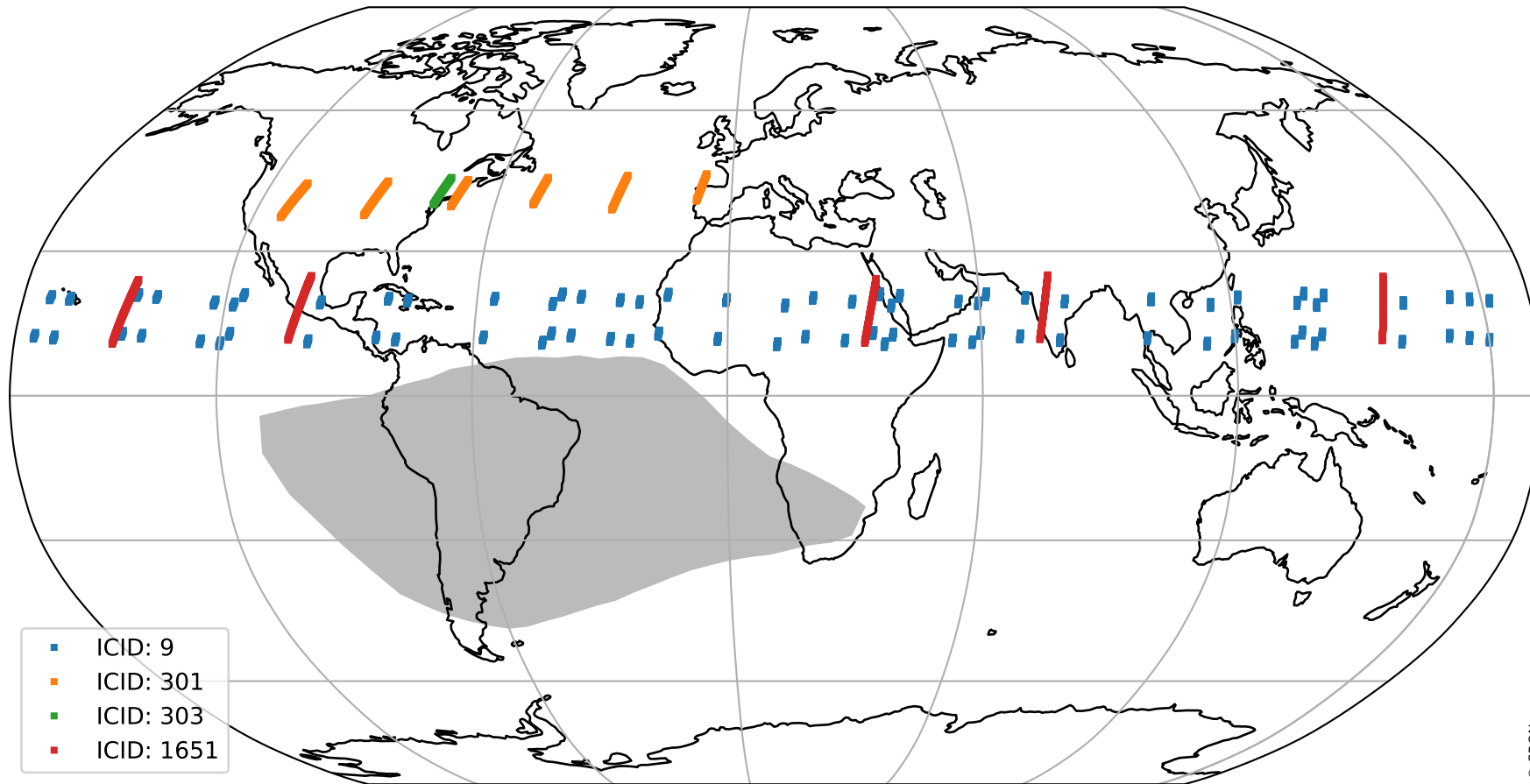
orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
median : 0.9462
spread : 0.090291
created : 2023-08-21T14:46:37

normalized read noise



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

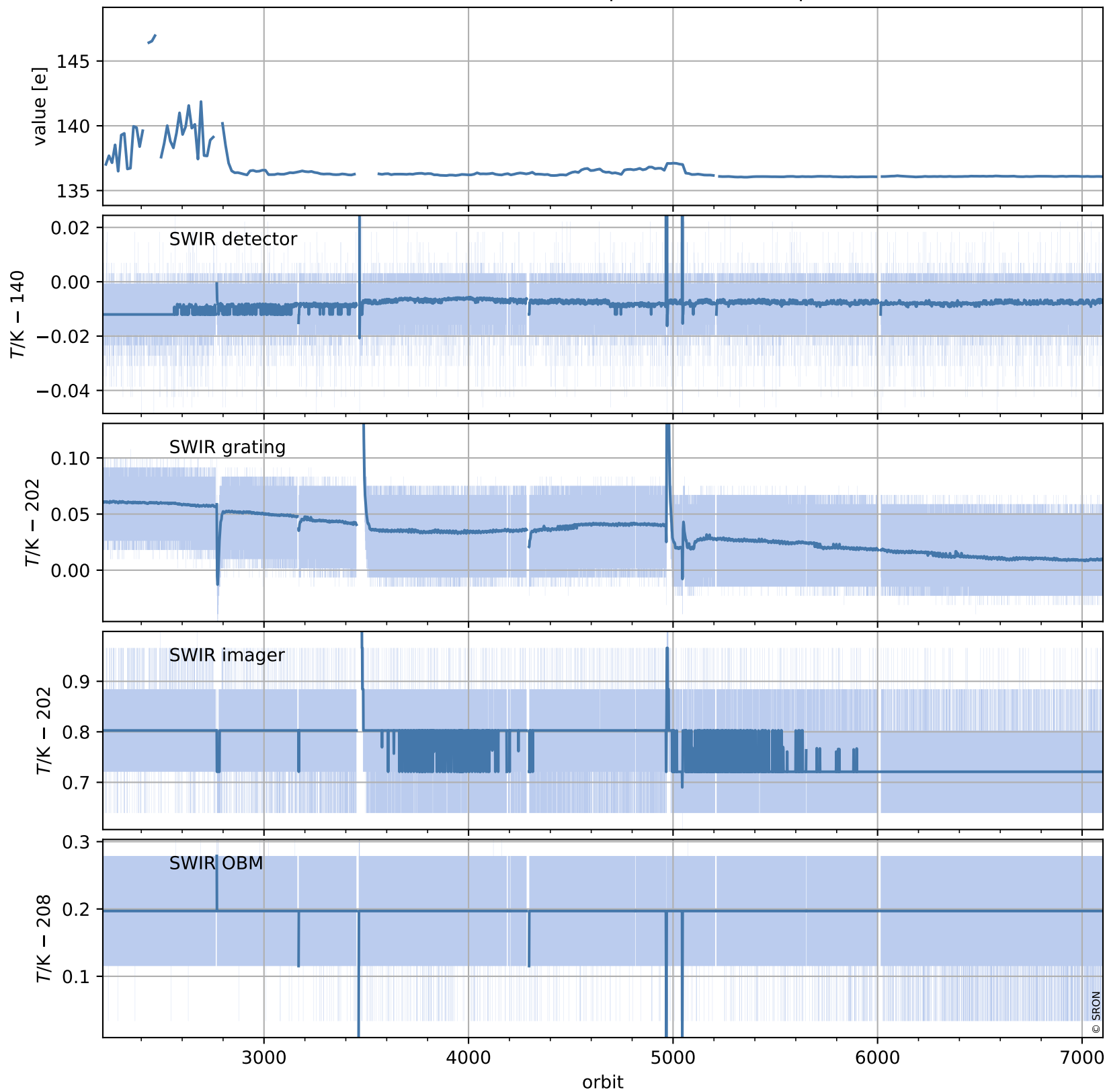
orbits : 12 in [7012, 7102]
coverage : 2019-02-20 / 2019-02-25
created : 2023-08-21T14:46:37



Tropomi SWIR background noise (swir)

orbits : [2212, 7102]
coverage : 2018-03-18 / 2019-02-25
created : 2023-08-21T14:46:37

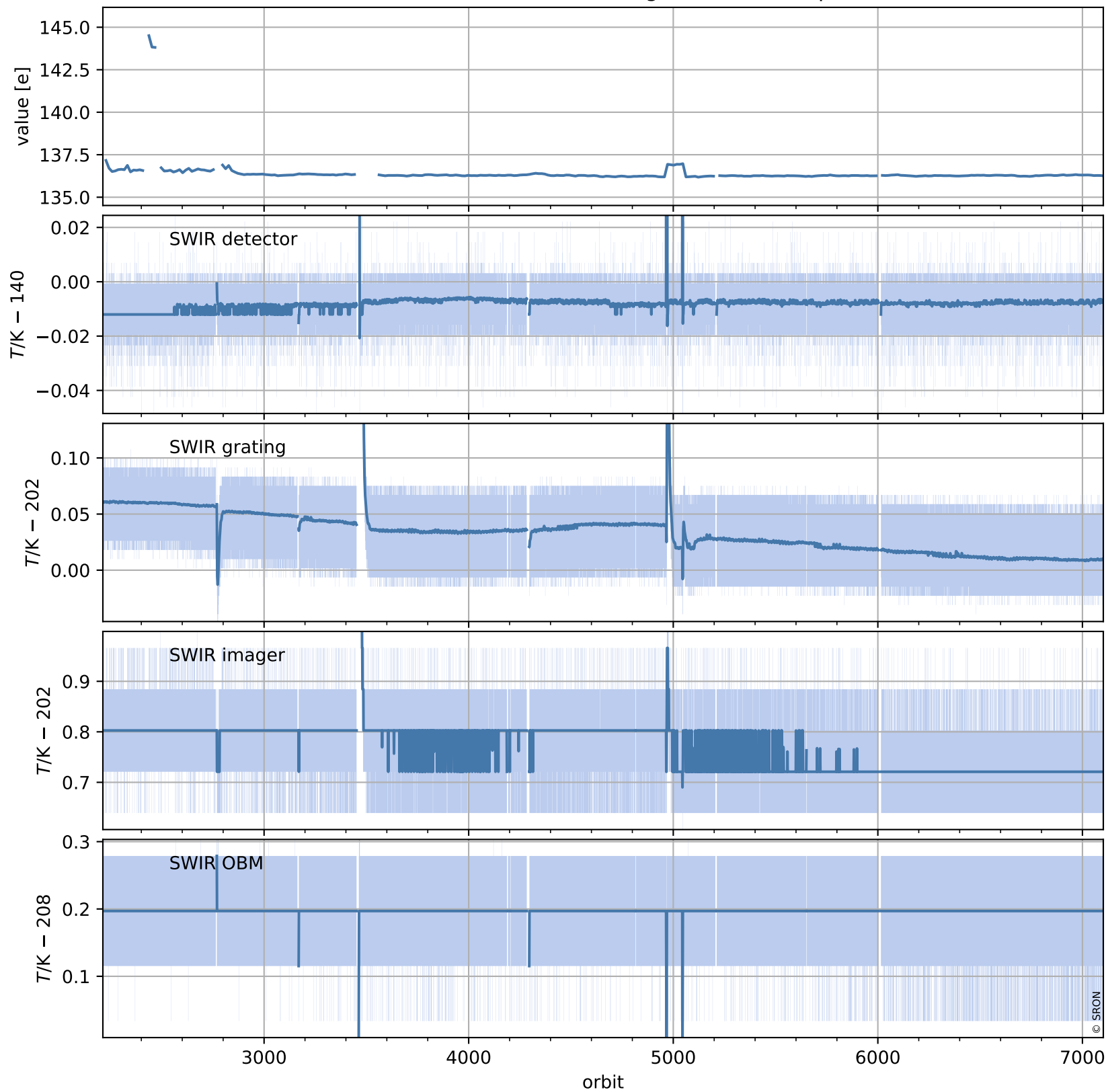
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7102]
coverage : 2018-03-18 / 2019-02-25
created : 2023-08-21T14:46:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7102]
coverage : 2018-03-18 / 2019-02-25
created : 2023-08-21T14:46:39

trend of normalized read-noise & temperatures

