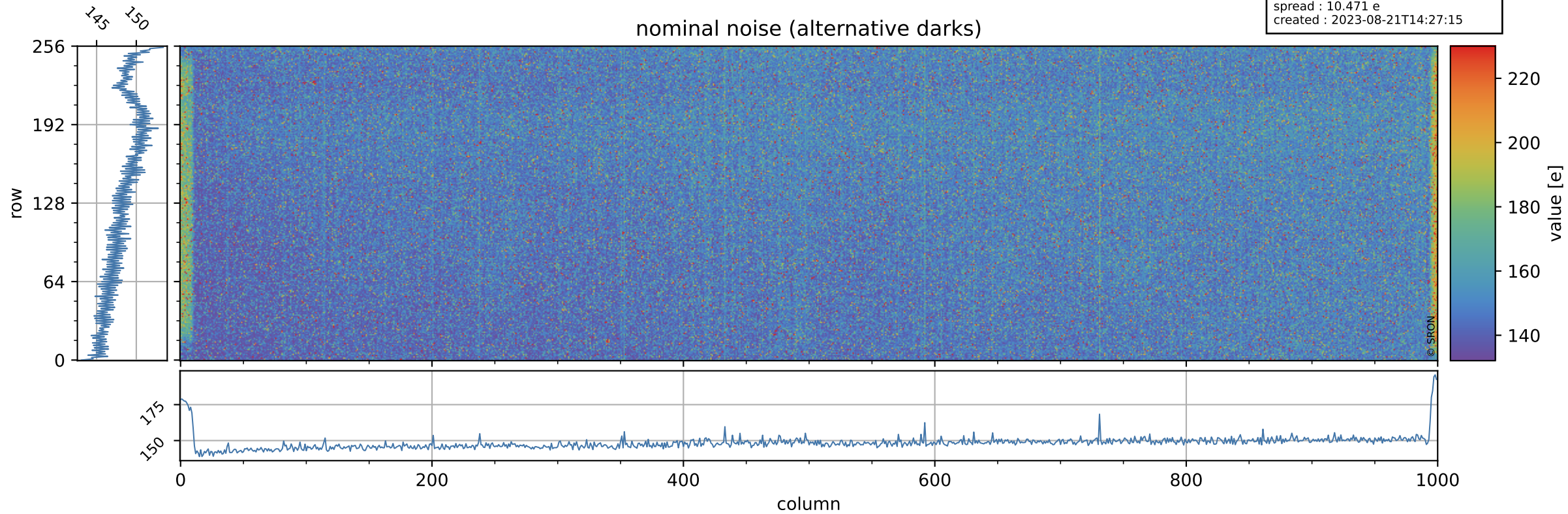


Tropomi SWIR background noise (swir)

orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
n_coad, t_exp : 1, 1.0783
median : 148.22 e
spread : 10.471 e
created : 2023-08-21T14:27:15

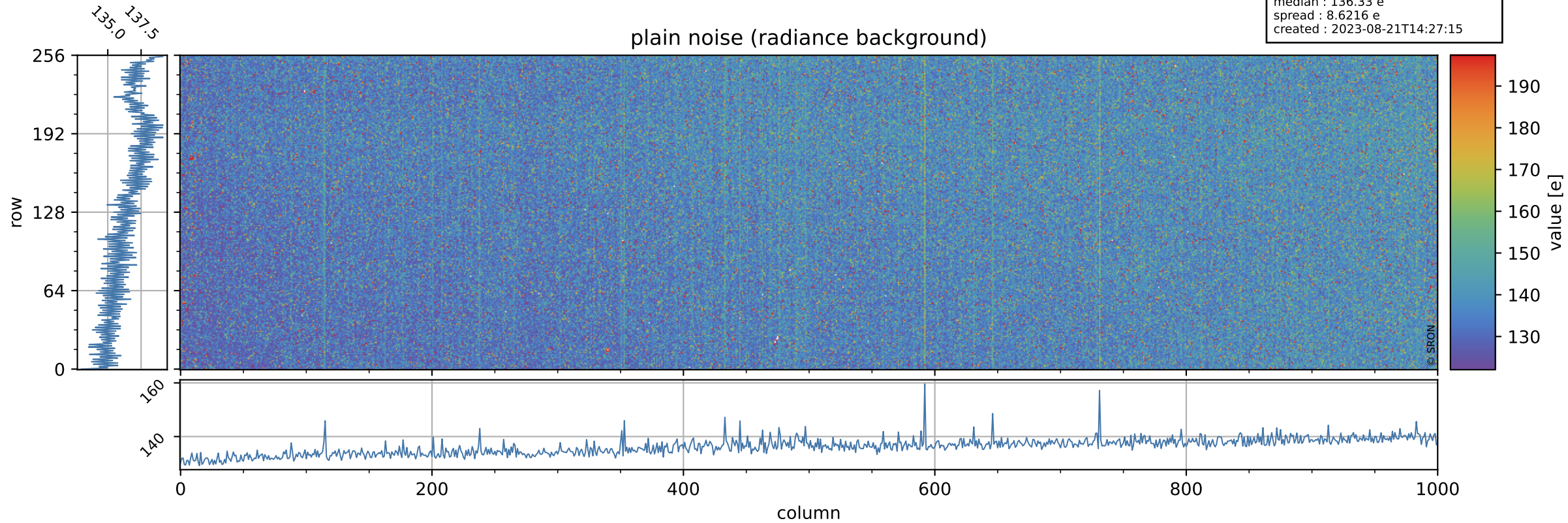
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
n_coad, t_exp : 2, 0.5383
median : 136.33 e
spread : 8.6216 e
created : 2023-08-21T14:27:15

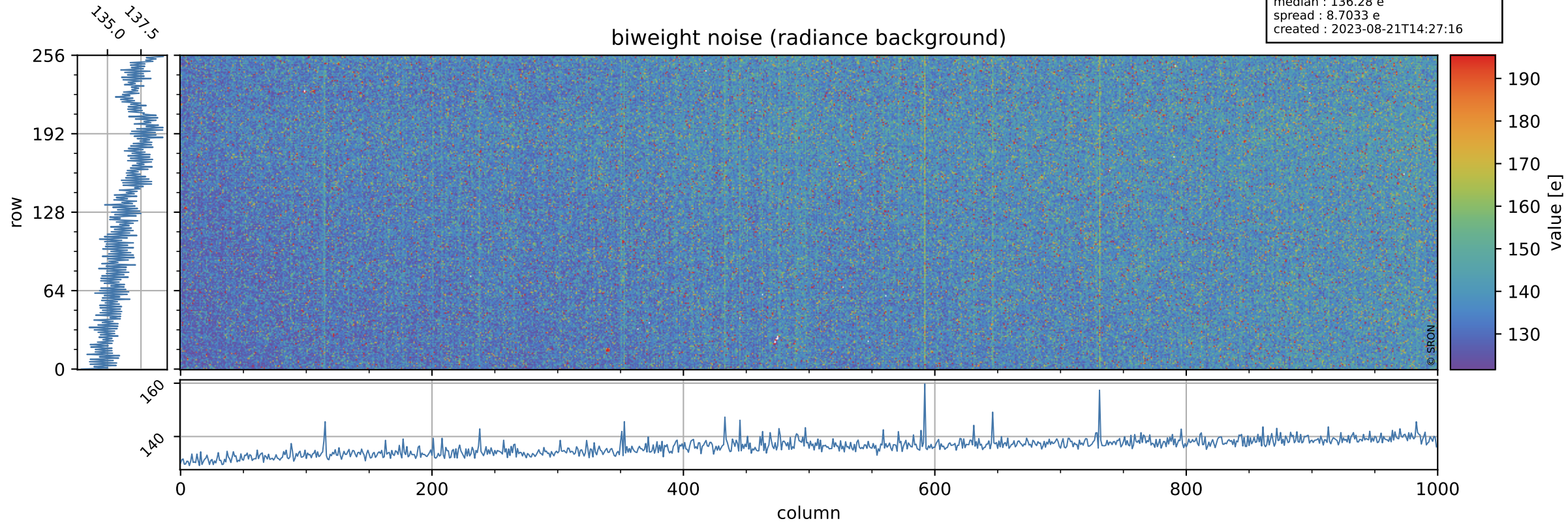
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.7033 e
created : 2023-08-21T14:27:16

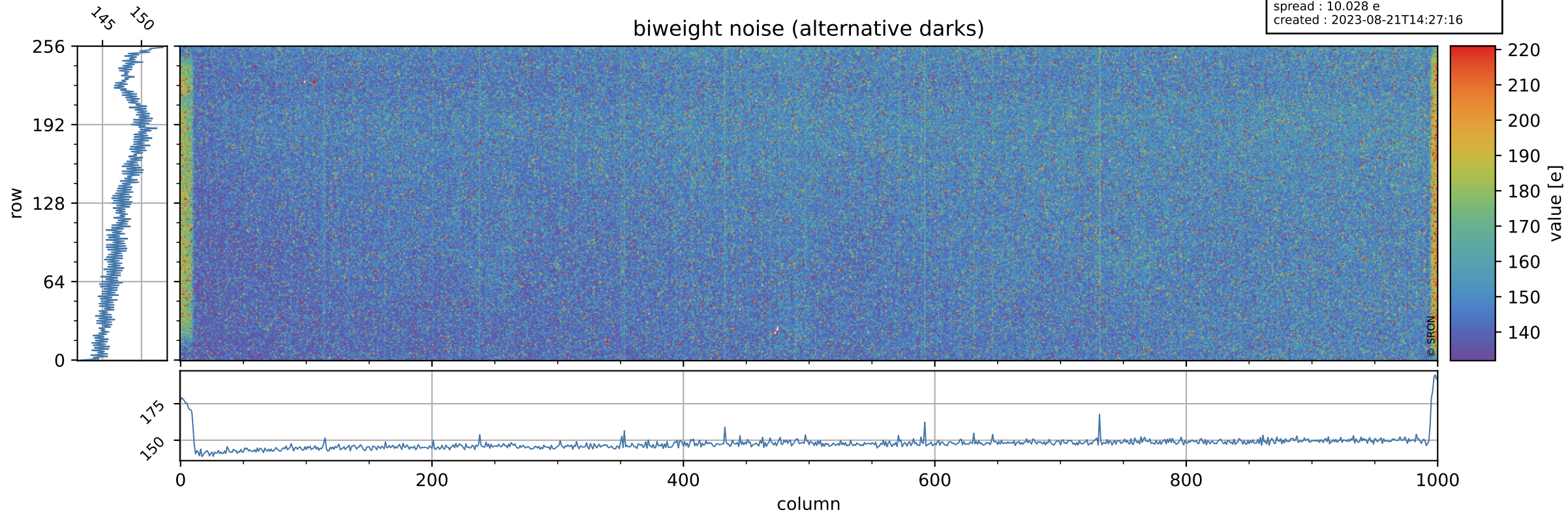
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.028 e
created : 2023-08-21T14:27:16

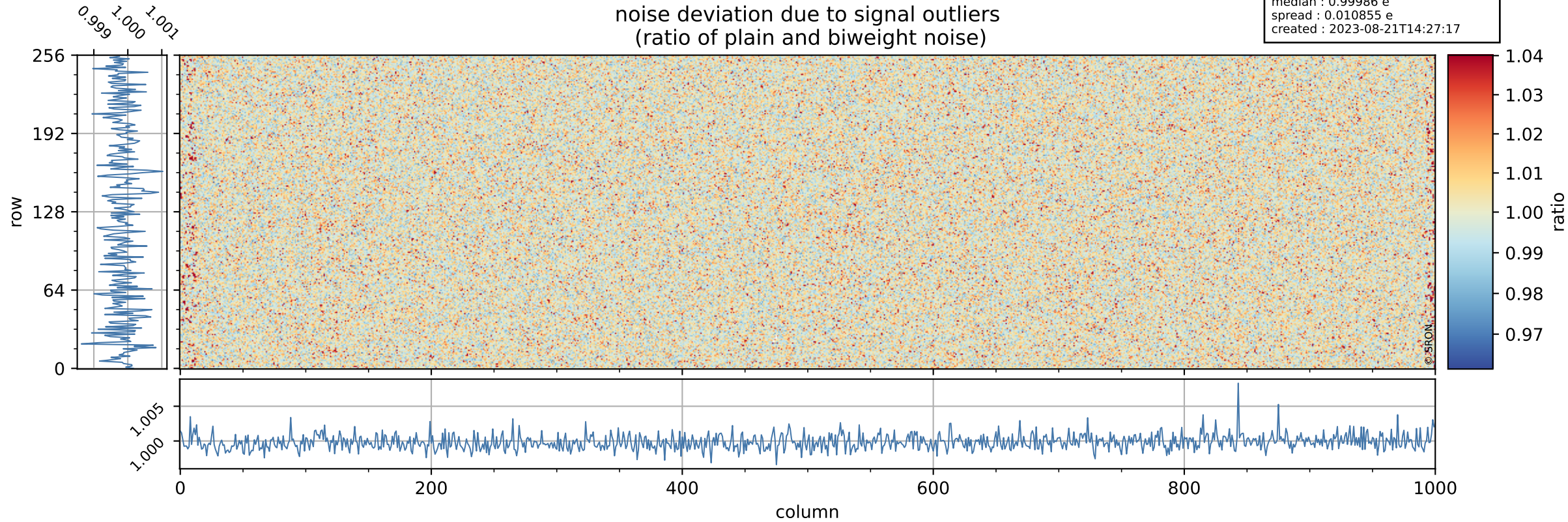
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

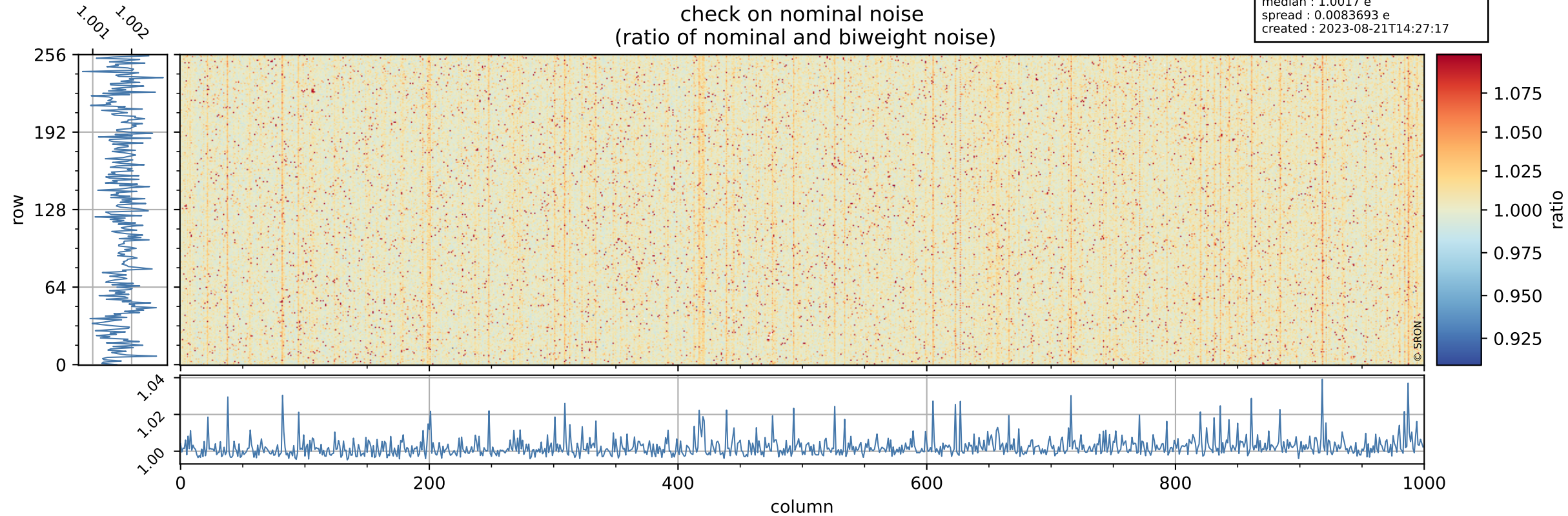
orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
median : 0.99986 e
spread : 0.010855 e
created : 2023-08-21T14:27:17



Tropomi SWIR background noise (swir)

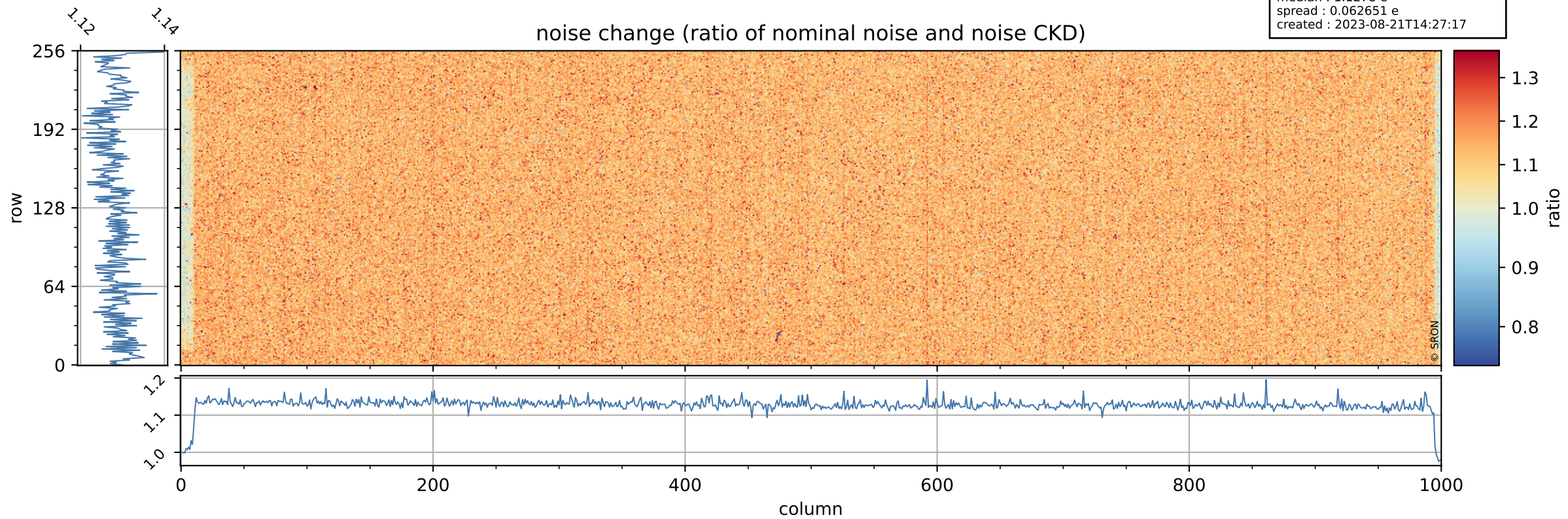
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
median : 1.0017 e
spread : 0.0083693 e
created : 2023-08-21T14:27:17



Tropomi SWIR background noise (swir)

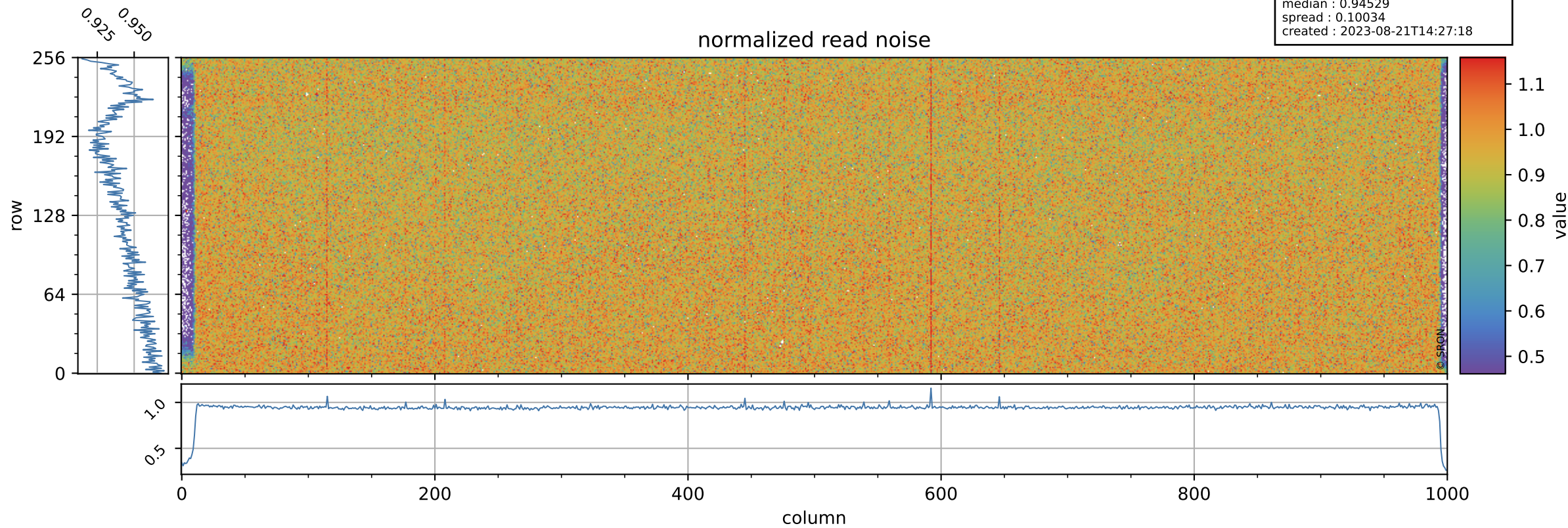
orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
median : 1.1278 e
spread : 0.062651 e
created : 2023-08-21T14:27:17



Tropomi SWIR background noise (swir)

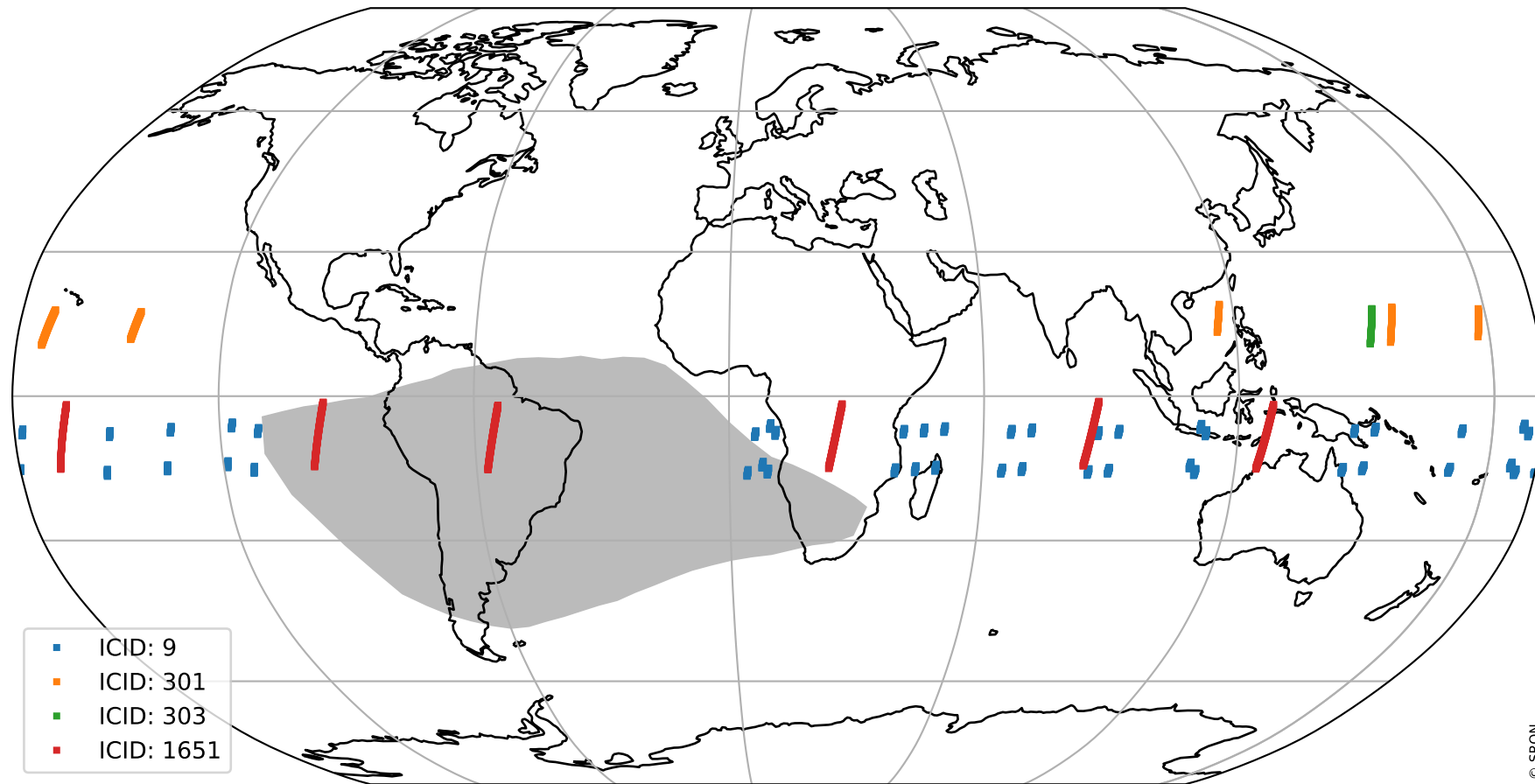
orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
median : 0.94529
spread : 0.10034
created : 2023-08-21T14:27:18

normalized read noise



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

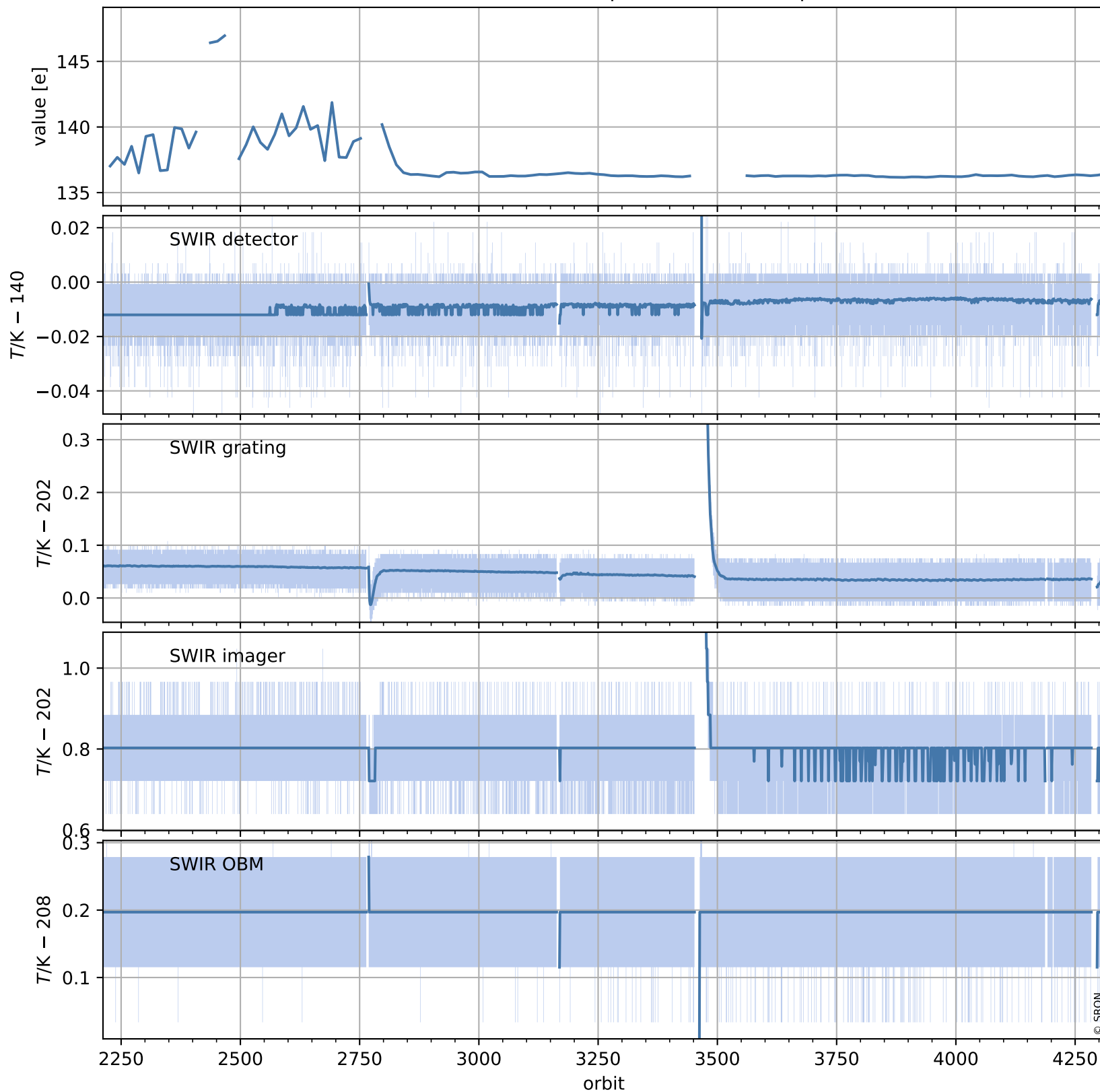
orbits : 12 in [4222, 4312]
coverage : 2018-08-07 / 2018-08-12
created : 2023-08-21T14:27:18



Tropomi SWIR background noise (swir)

orbits : [2212, 4312]
coverage : 2018-03-18 / 2018-08-12
created : 2023-08-21T14:27:19

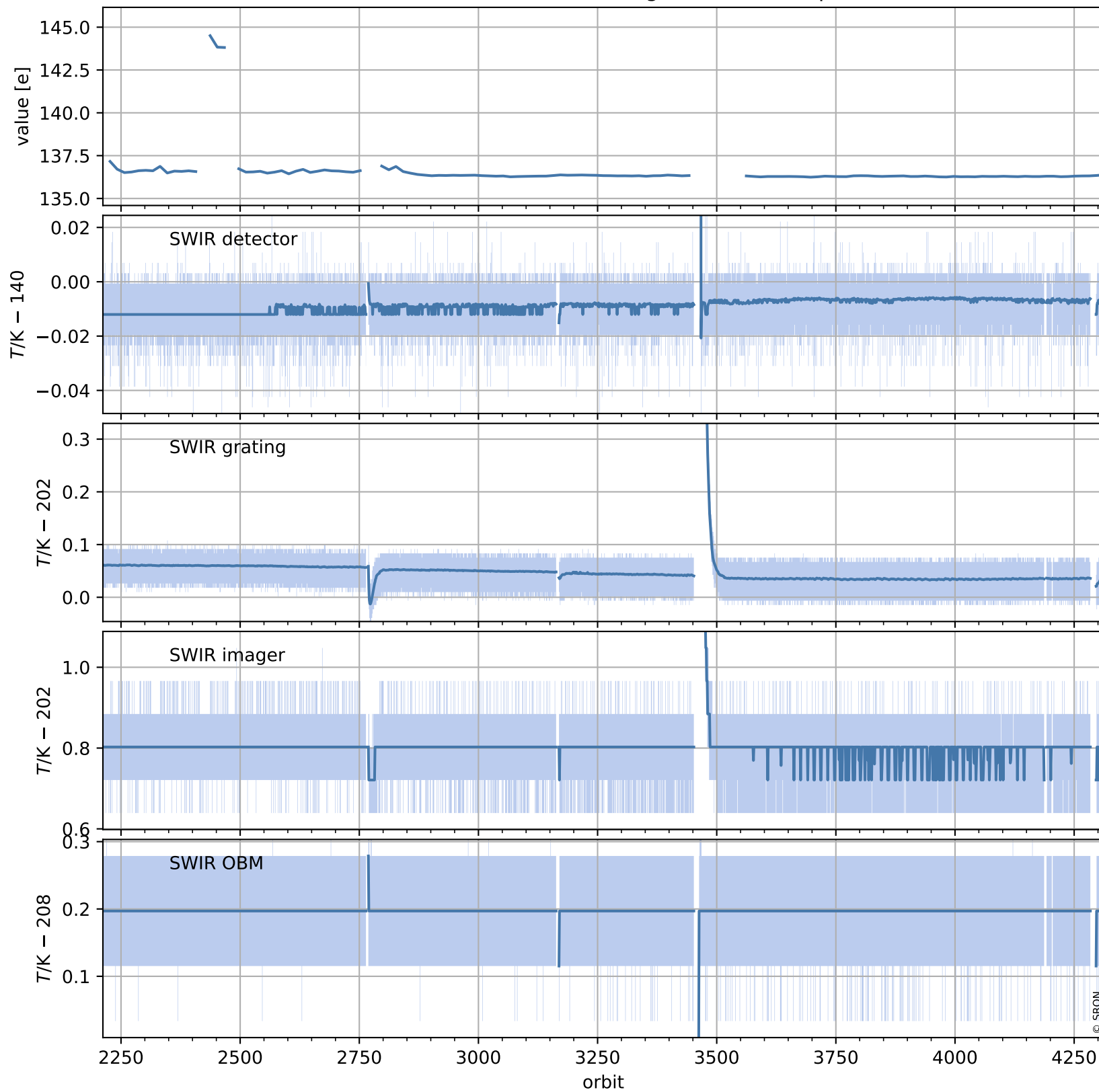
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4312]
coverage : 2018-03-18 / 2018-08-12
created : 2023-08-21T14:27:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4312]
coverage : 2018-03-18 / 2018-08-12
created : 2023-08-21T14:27:20

trend of normalized read-noise & temperatures

