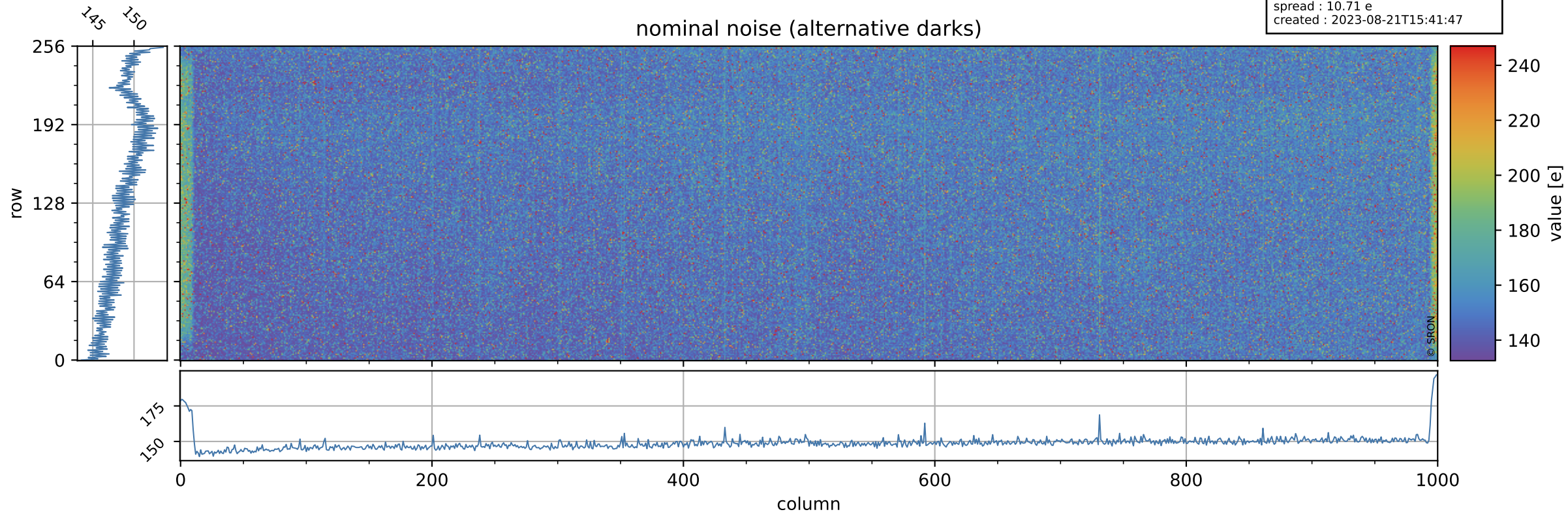


Tropomi SWIR background noise (swir)

orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.71 e
created : 2023-08-21T15:41:47

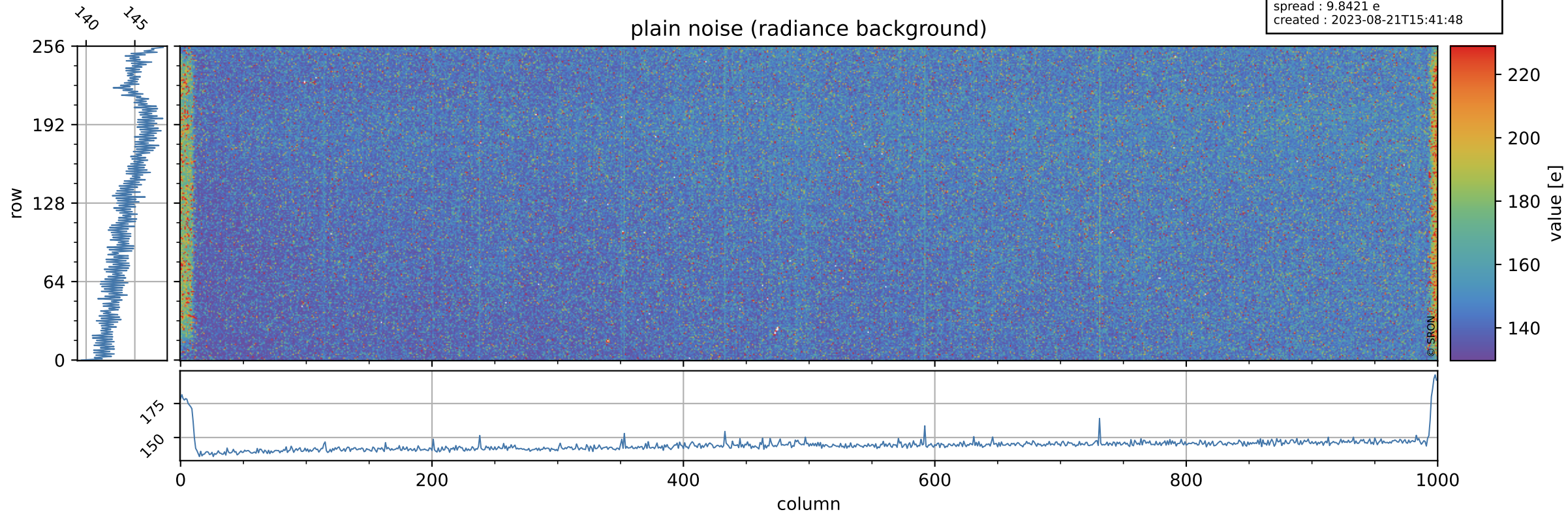
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
n_coad, t_exp : 1, 0.8383
median : 144.18 e
spread : 9.8421 e
created : 2023-08-21T15:41:48

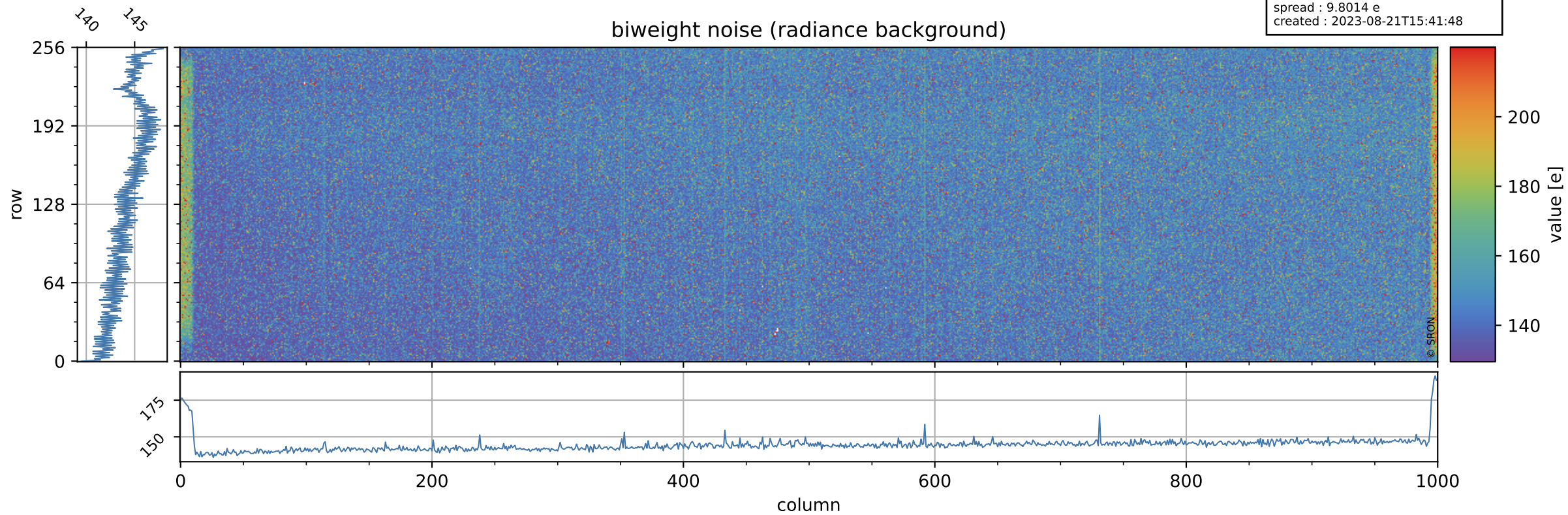
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
n_coad, t_exp : 1, 0.8383
median : 144.2 e
spread : 9.8014 e
created : 2023-08-21T15:41:48

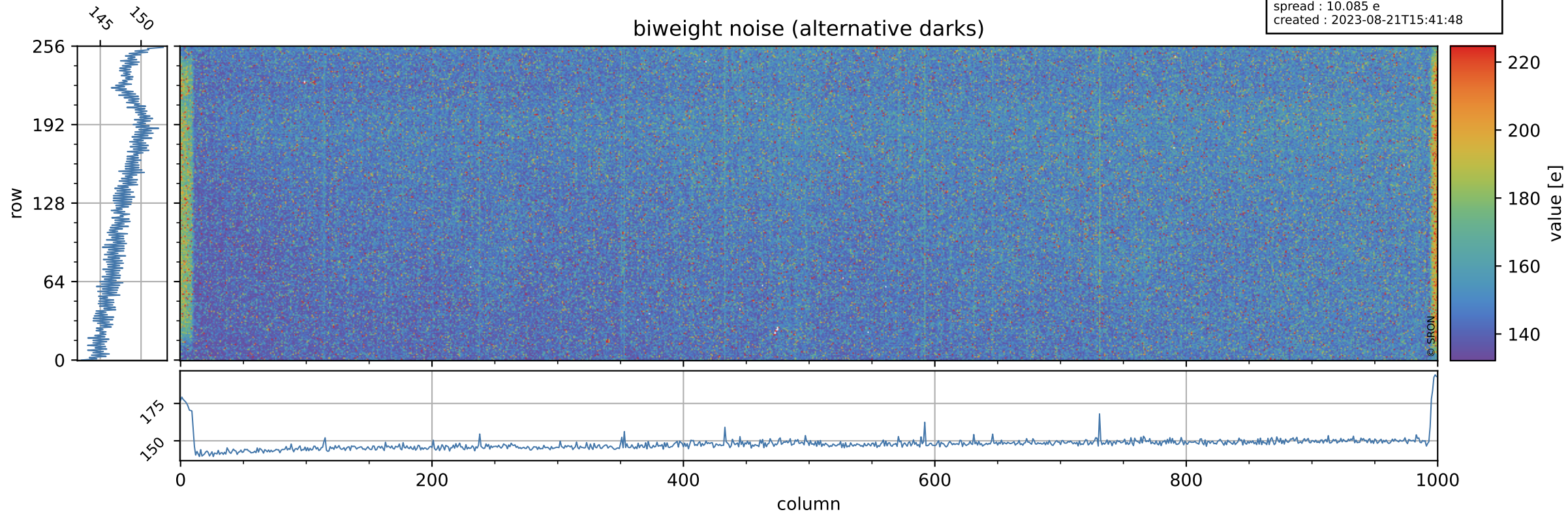
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.085 e
created : 2023-08-21T15:41:48

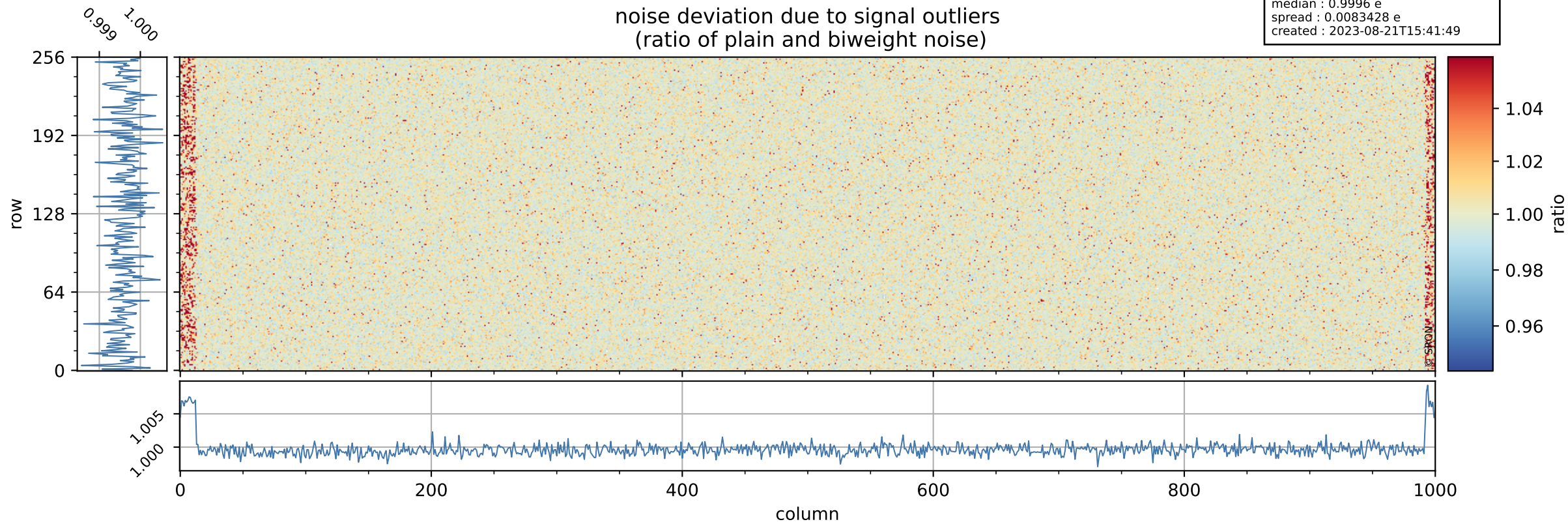
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

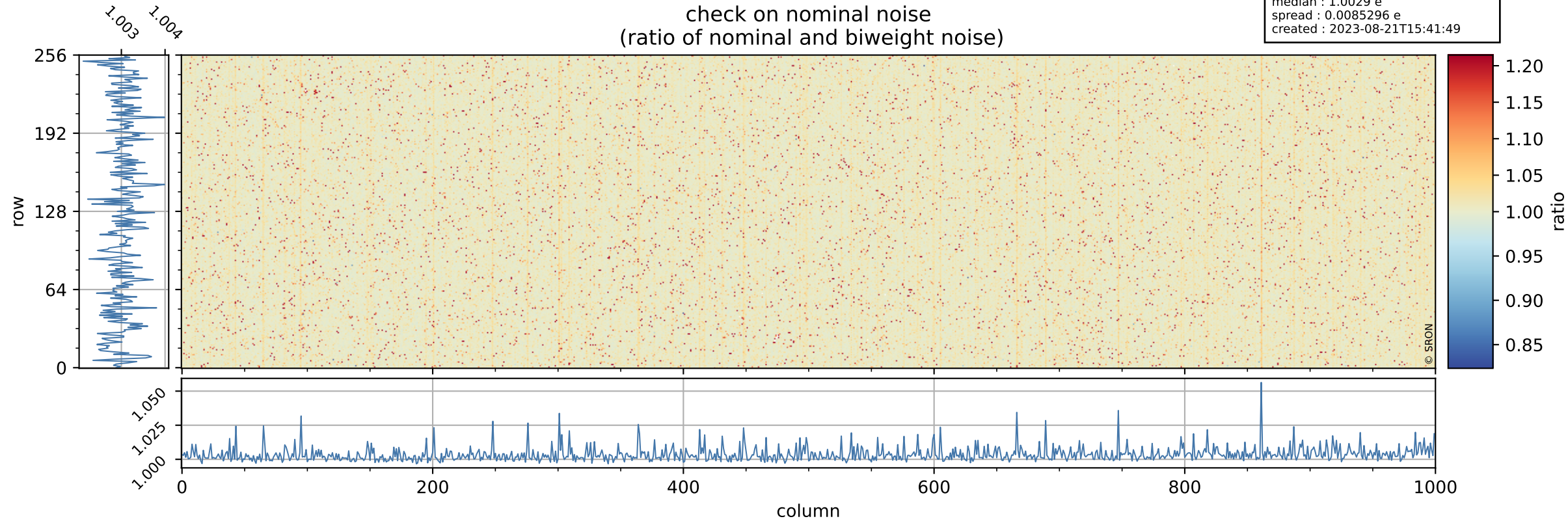
orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
median : 0.9996 e
spread : 0.0083428 e
created : 2023-08-21T15:41:49



Tropomi SWIR background noise (swir)

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

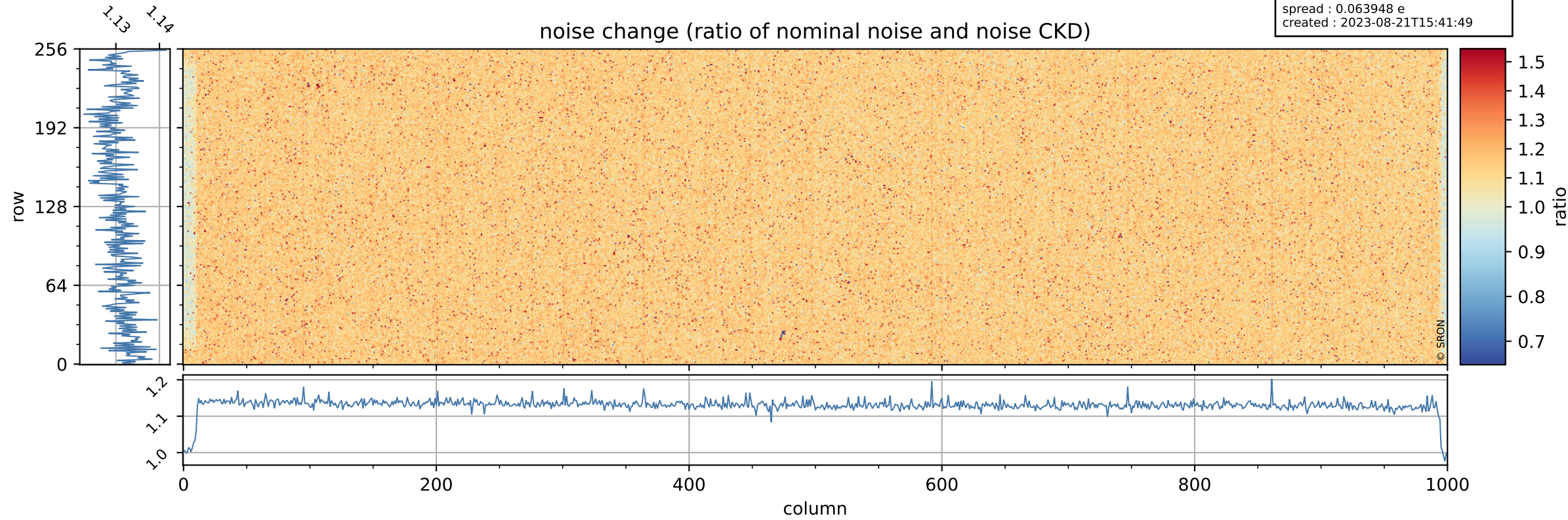
orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
median : 1.0029 e
spread : 0.0085296 e
created : 2023-08-21T15:41:49



Tropomi SWIR background noise (swir)

orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
median : 1.13 e
spread : 0.063948 e
created : 2023-08-21T15:41:49

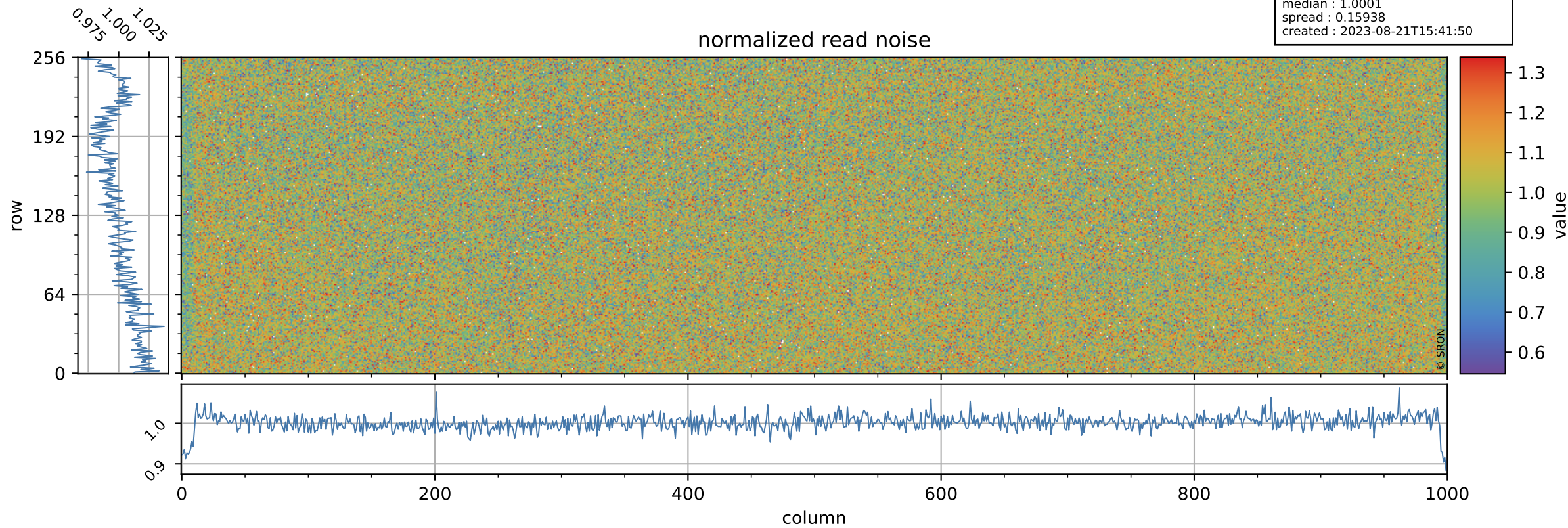
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

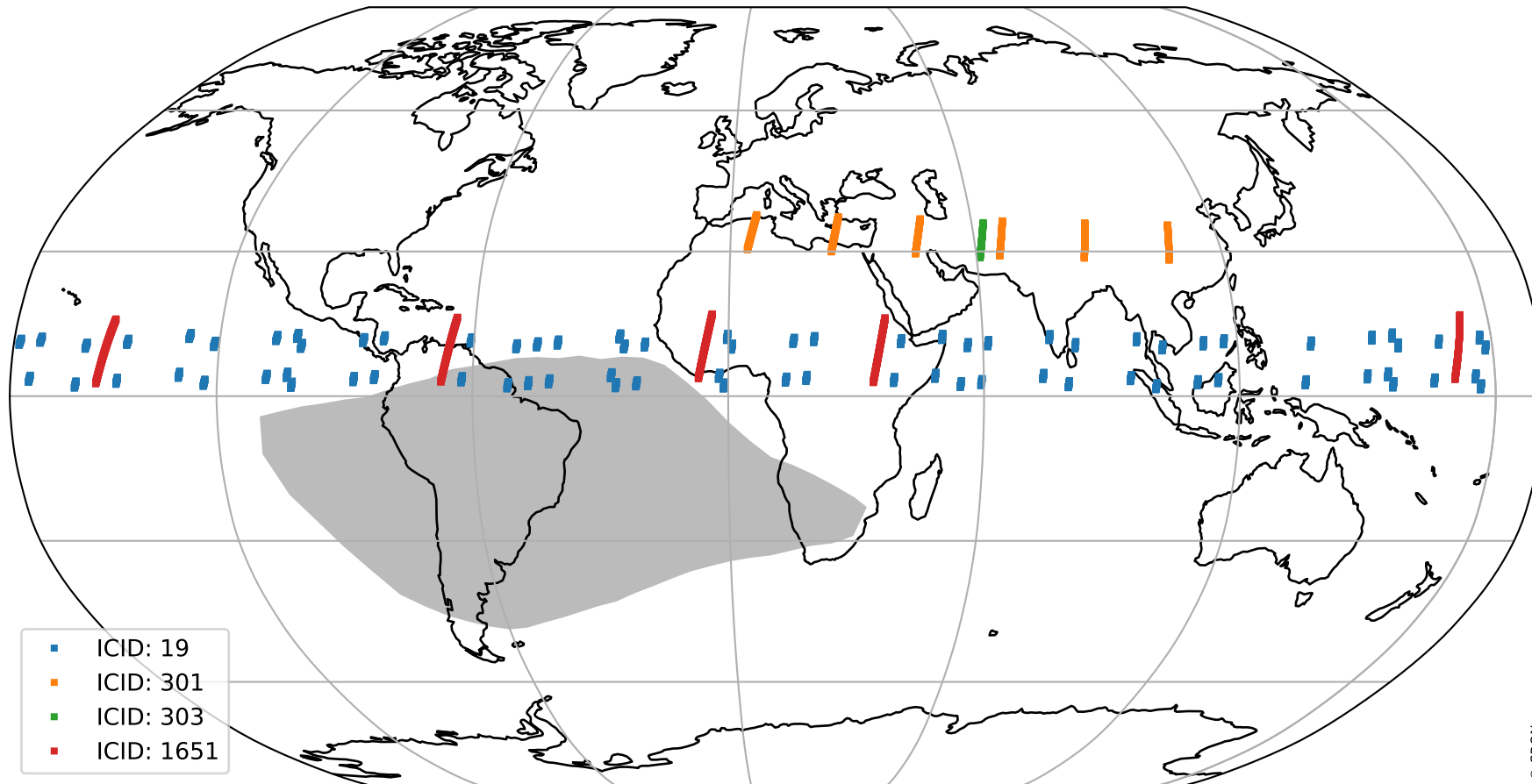
orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
median : 1.0001
spread : 0.15938
created : 2023-08-21T15:41:50

normalized read noise



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

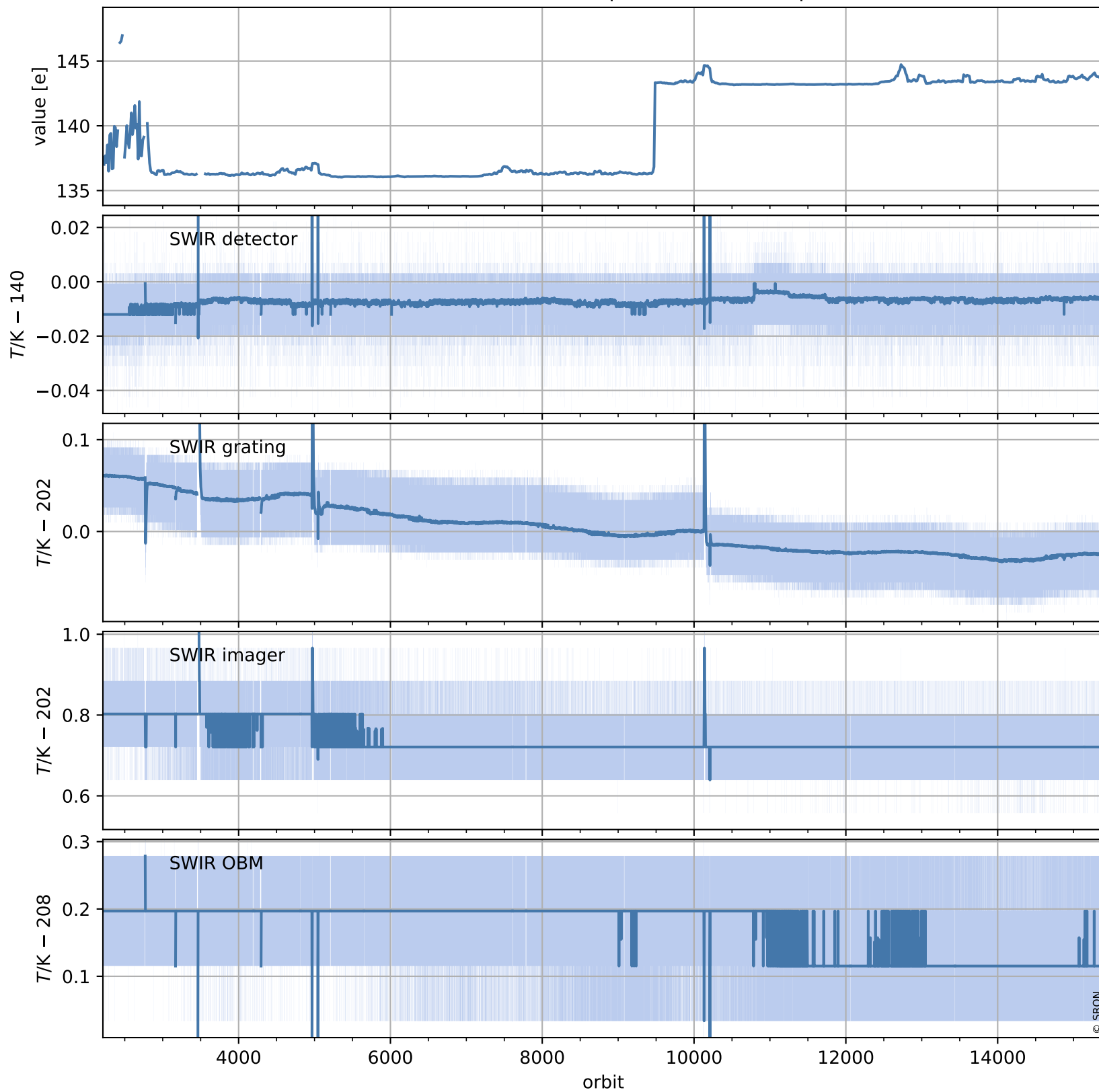
orbits : 12 in [15322, 15397]
coverage : 2020-09-26 / 2020-10-02
created : 2023-08-21T15:41:50



Tropomi SWIR background noise (swir)

orbits : [2212, 15397]
coverage : 2018-03-18 / 2020-10-02
created : 2023-08-21T15:41:50

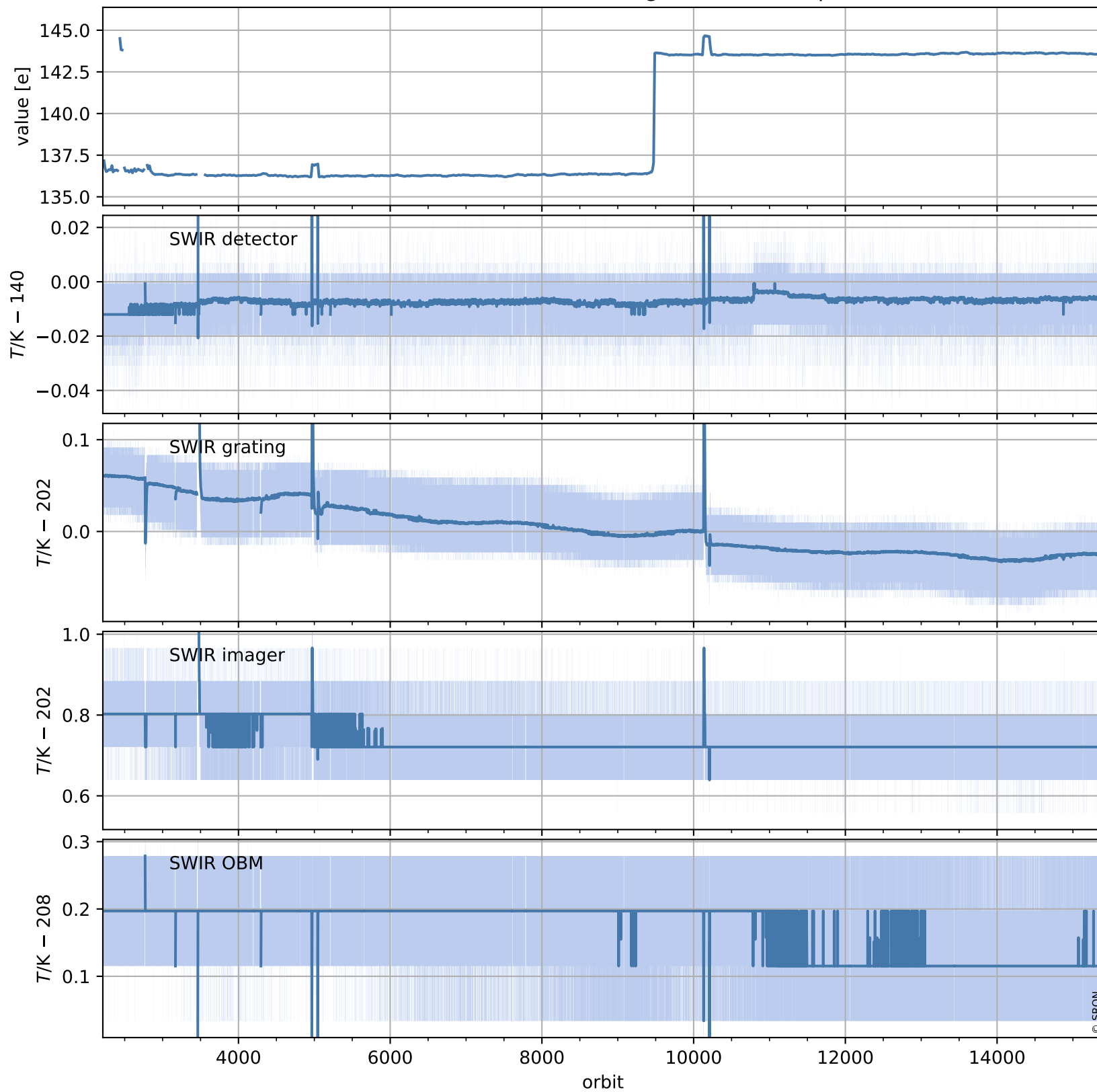
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15397]
coverage : 2018-03-18 / 2020-10-02
created : 2023-08-21T15:41:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15397]
coverage : 2018-03-18 / 2020-10-02
created : 2023-08-21T15:41:51

trend of normalized read-noise & temperatures

