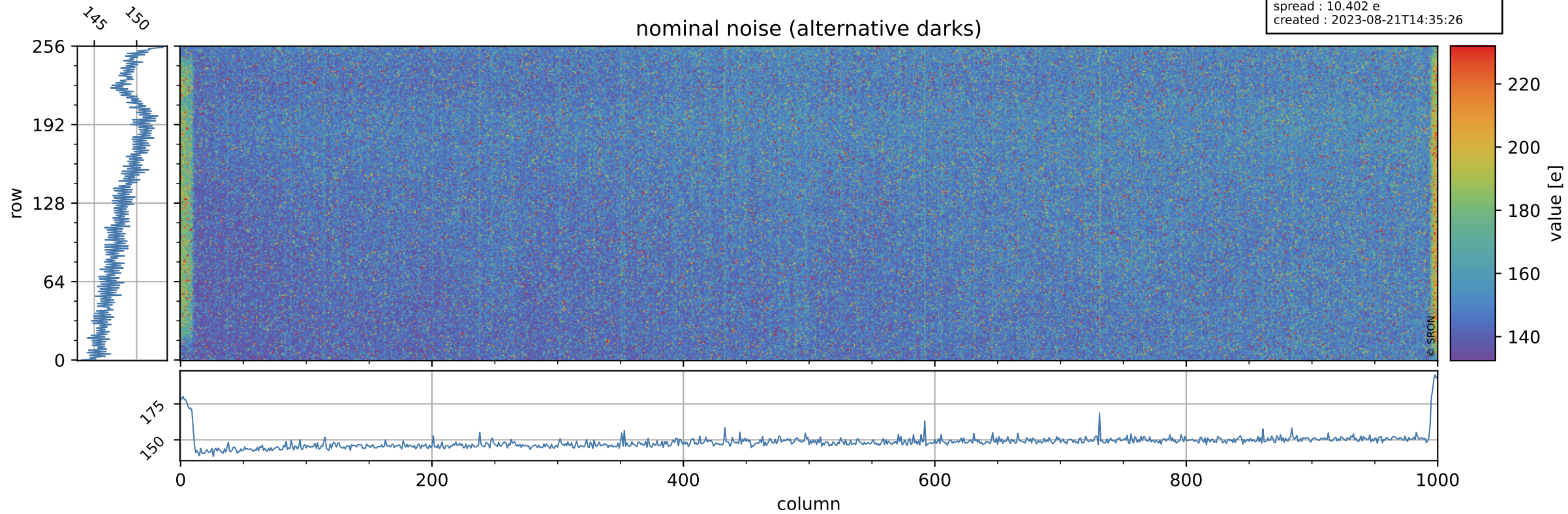


Tropomi SWIR background noise (swir)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.402 e
created : 2023-08-21T14:35:26

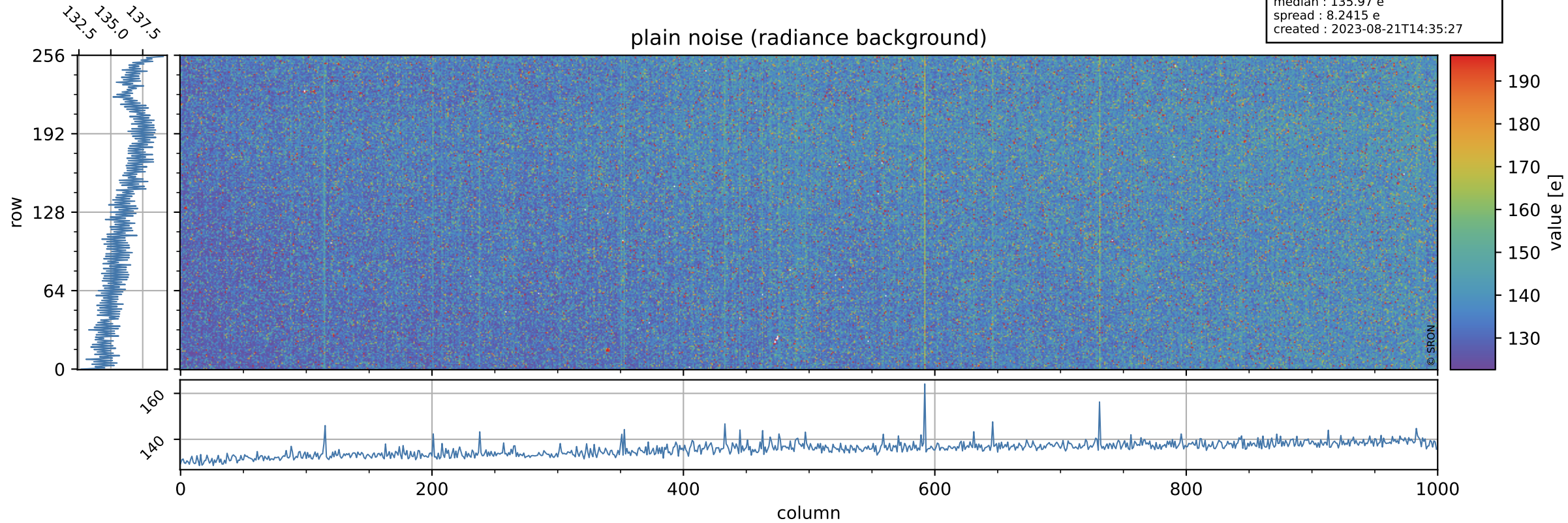
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2415 e
created : 2023-08-21T14:35:27

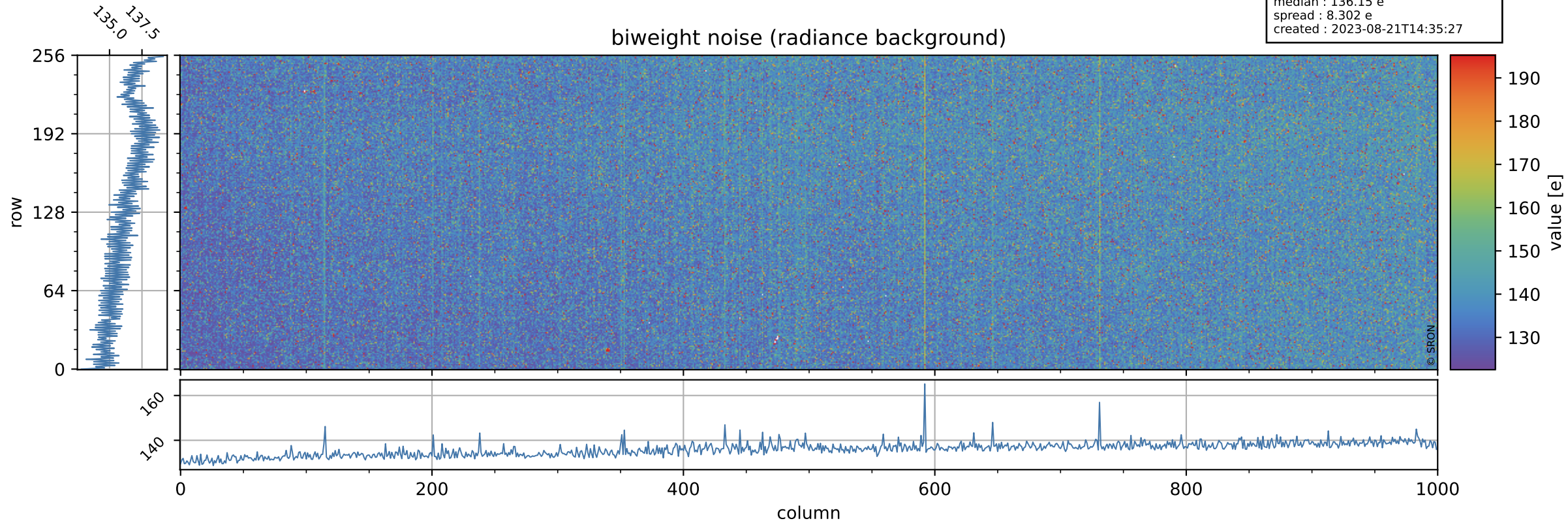
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.302 e
created : 2023-08-21T14:35:27

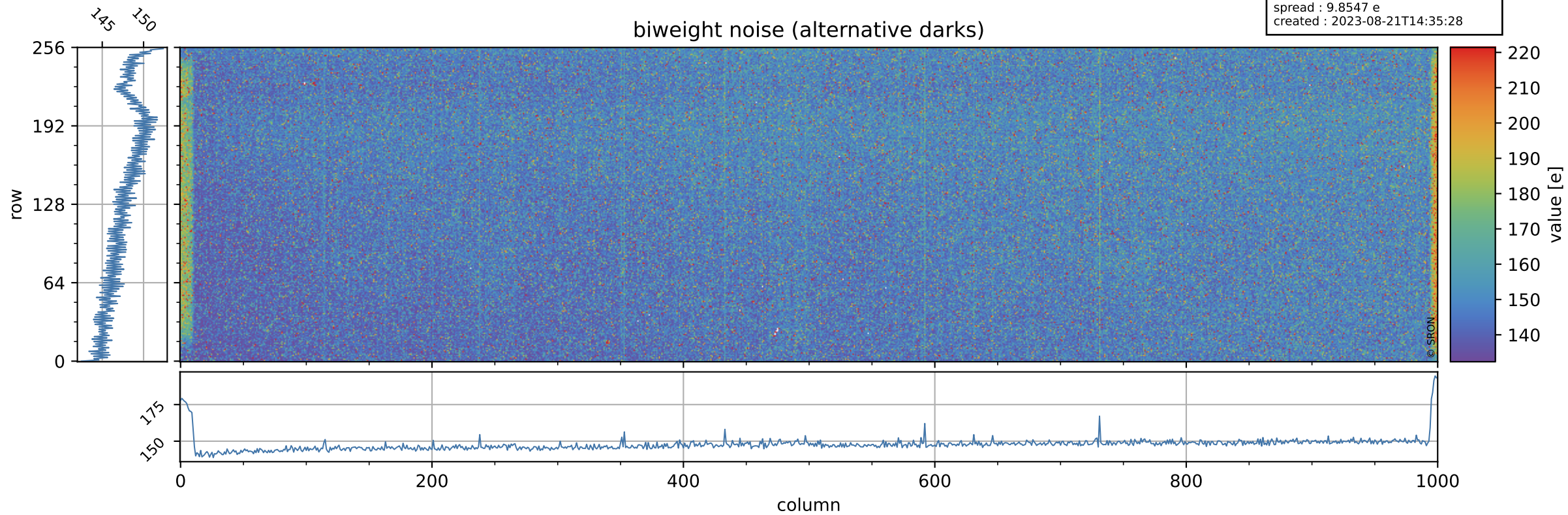
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.8547 e
created : 2023-08-21T14:35:28

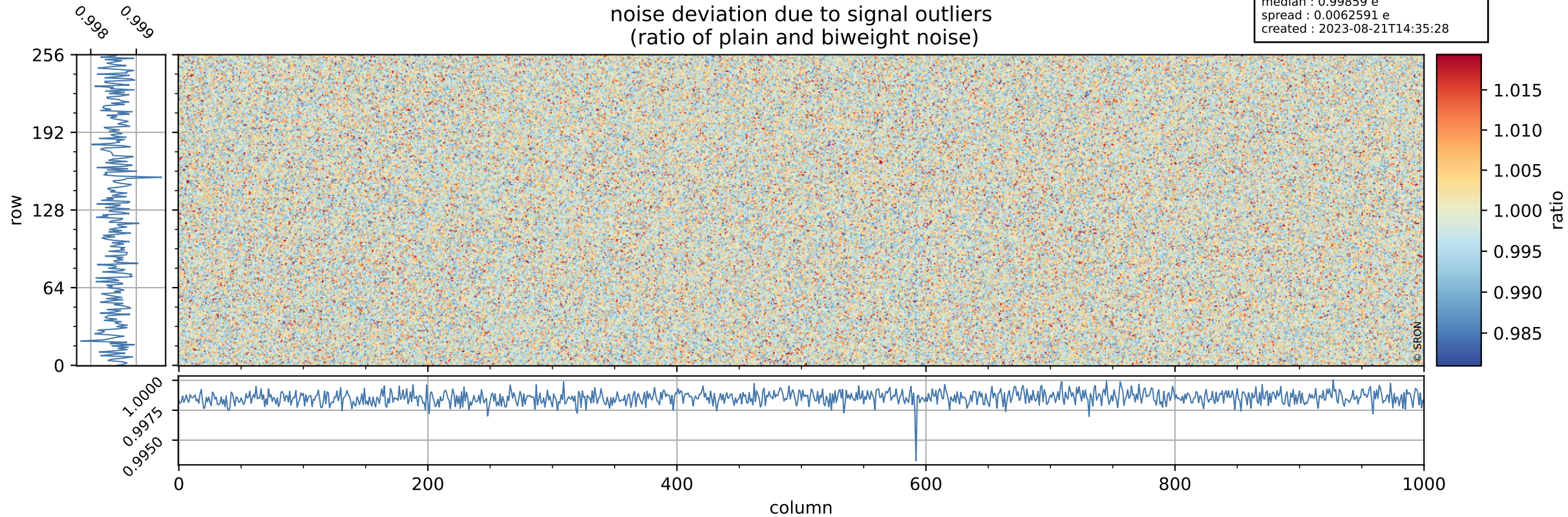
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

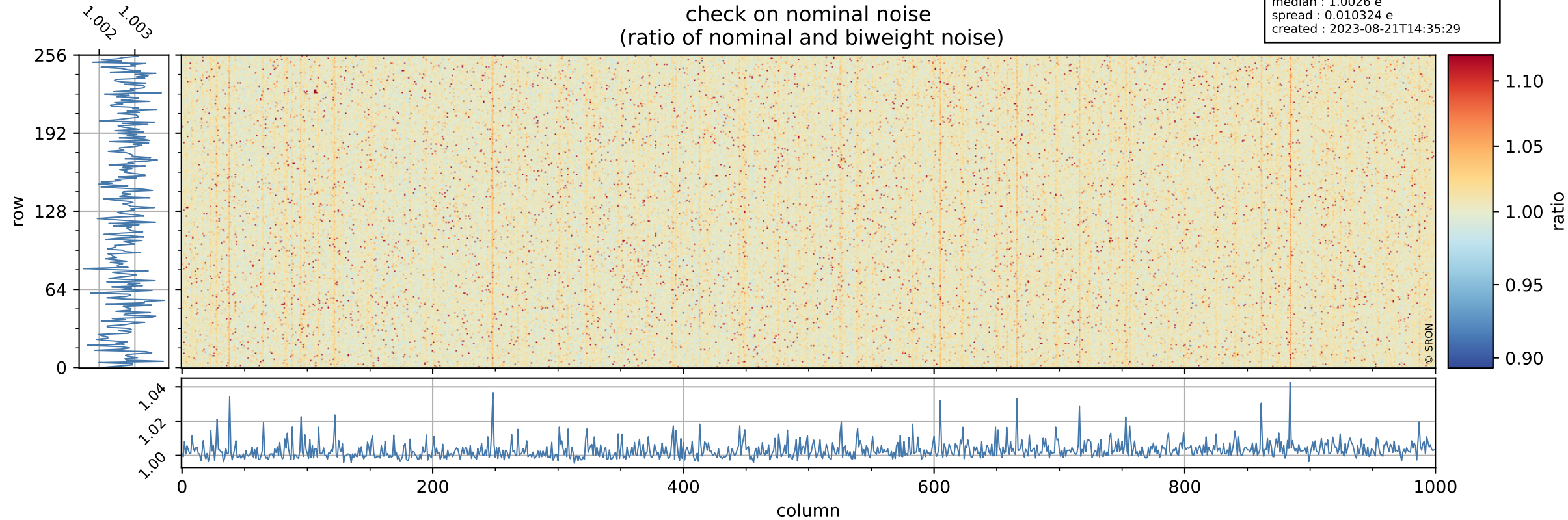
orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
median : 0.99859 e
spread : 0.0062591 e
created : 2023-08-21T14:35:28



Tropomi SWIR background noise (swir)

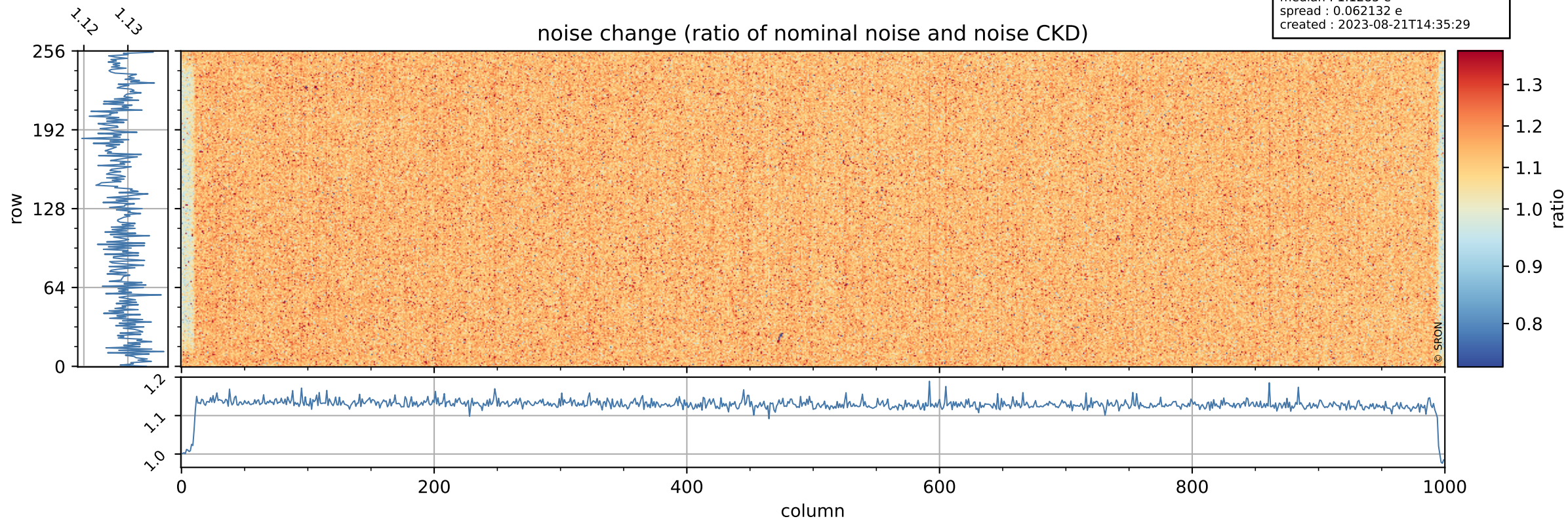
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
median : 1.0026 e
spread : 0.010324 e
created : 2023-08-21T14:35:29



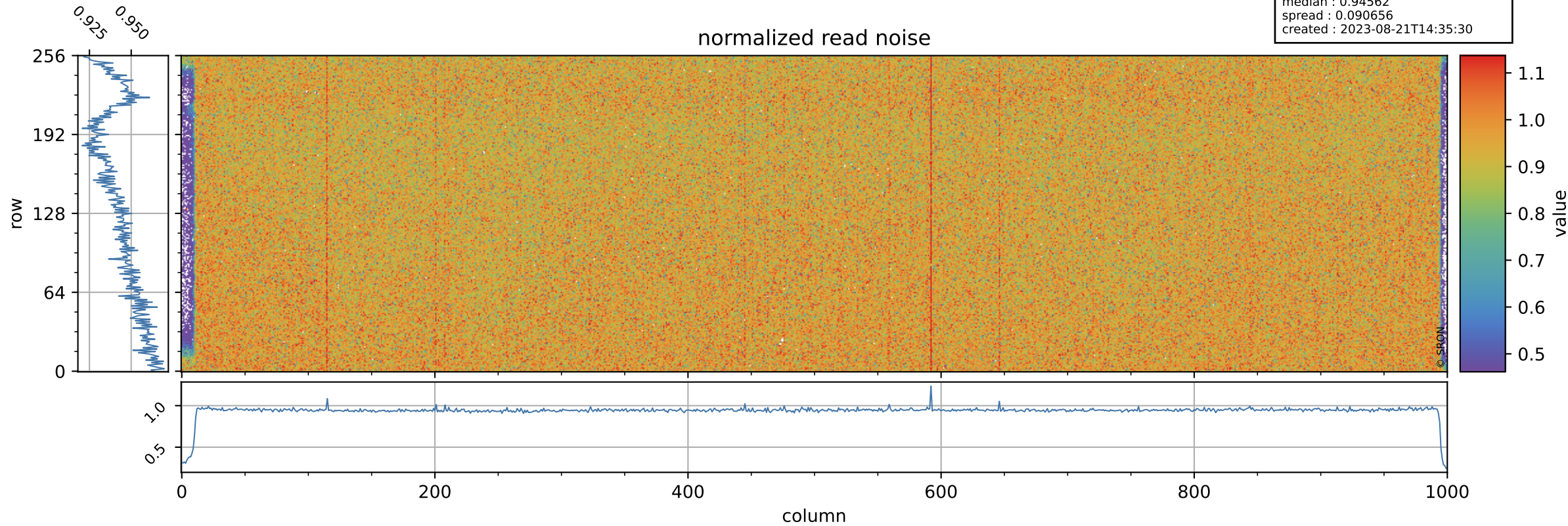
Tropomi SWIR background noise (swir)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
median : 1.1285 e
spread : 0.062132 e
created : 2023-08-21T14:35:29



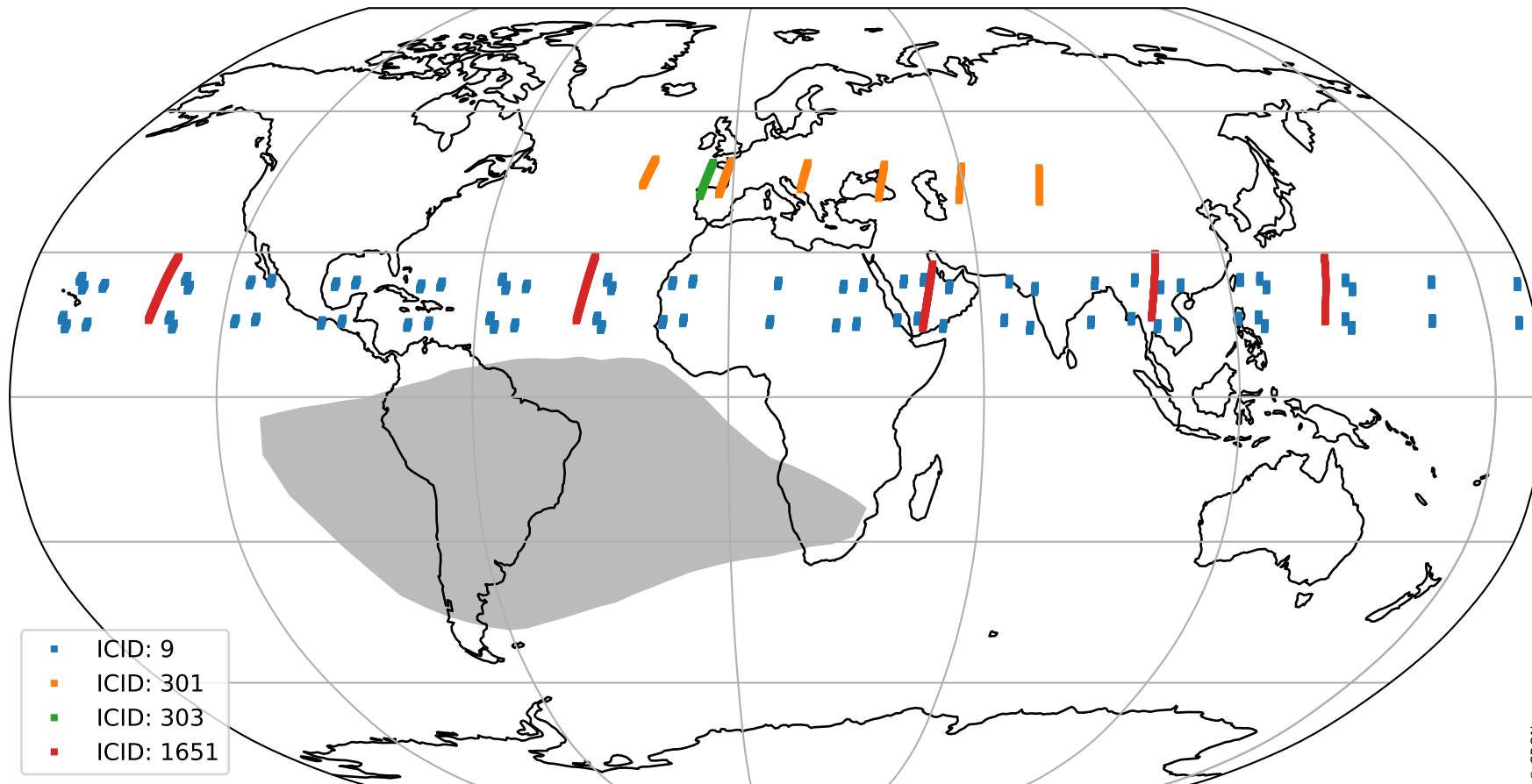
Tropomi SWIR background noise (swir)

orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
median : 0.94562
spread : 0.090656
created : 2023-08-21T14:35:30



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

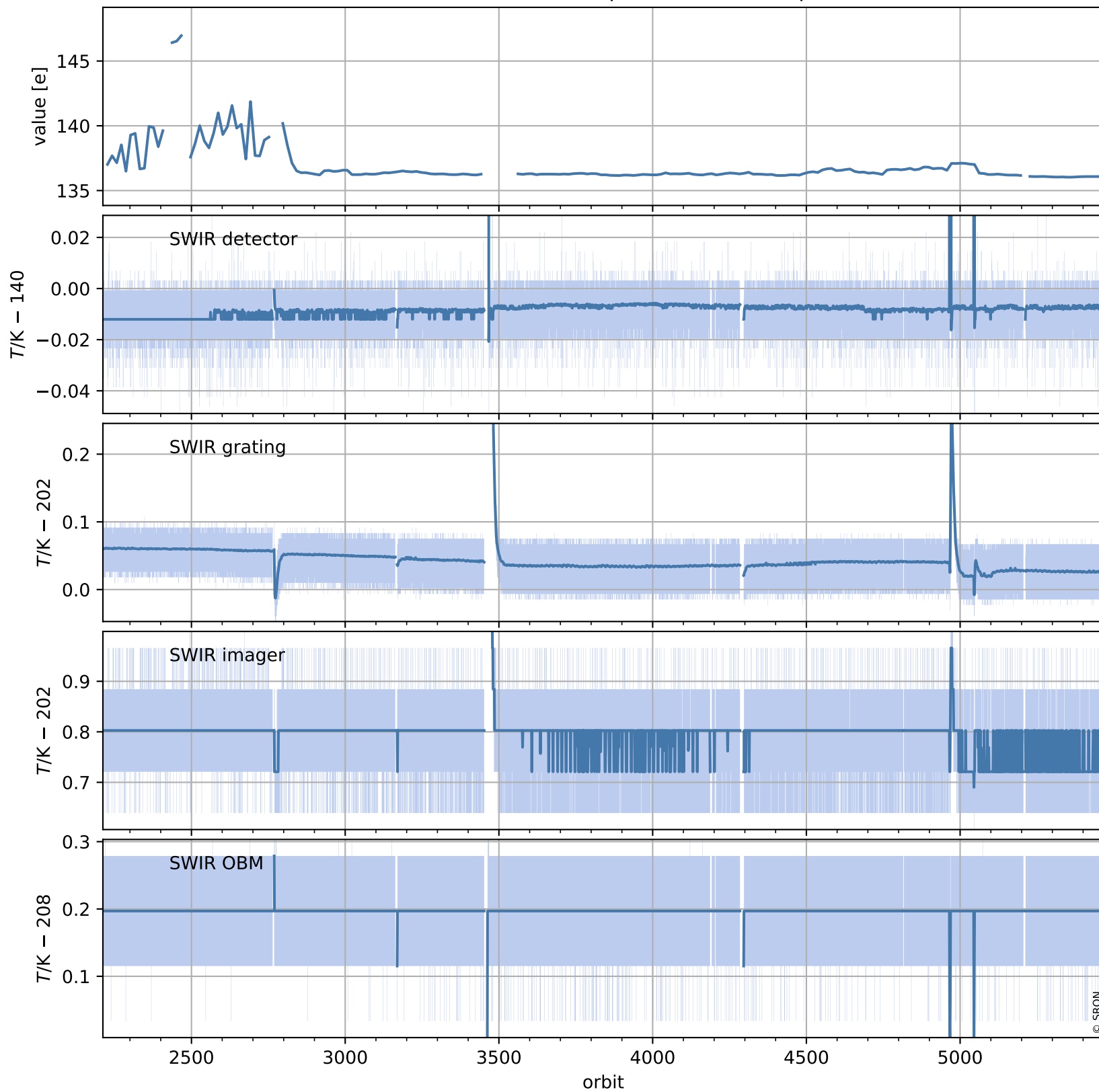
orbits : 12 in [5377, 5467]
coverage : 2018-10-27 / 2018-11-02
created : 2023-08-21T14:35:30



Tropomi SWIR background noise (swir)

orbits : [2212, 5467]
coverage : 2018-03-18 / 2018-11-02
created : 2023-08-21T14:35:31

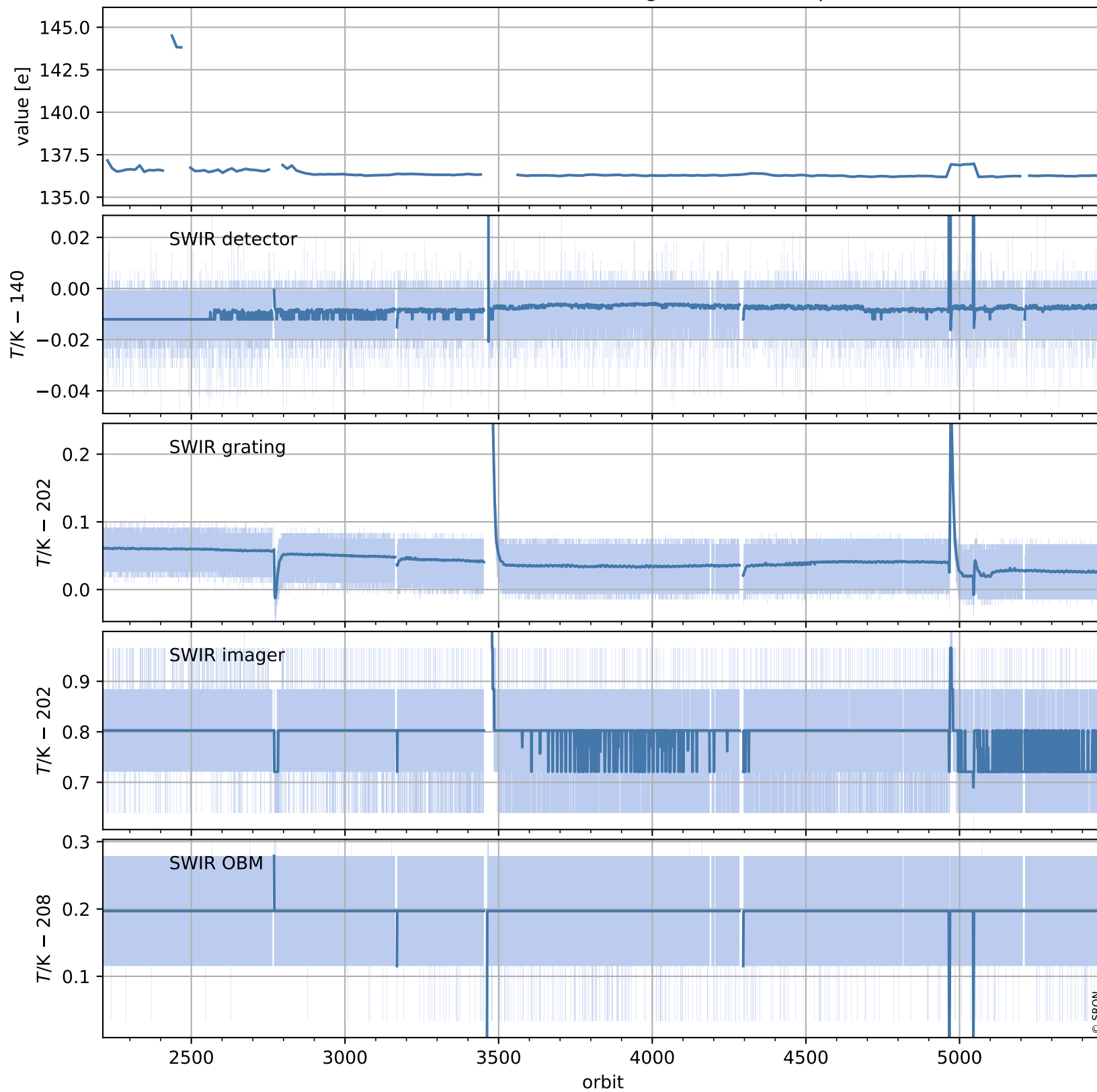
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5467]
coverage : 2018-03-18 / 2018-11-02
created : 2023-08-21T14:35:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5467]
coverage : 2018-03-18 / 2018-11-02
created : 2023-08-21T14:35:32

trend of normalized read-noise & temperatures

