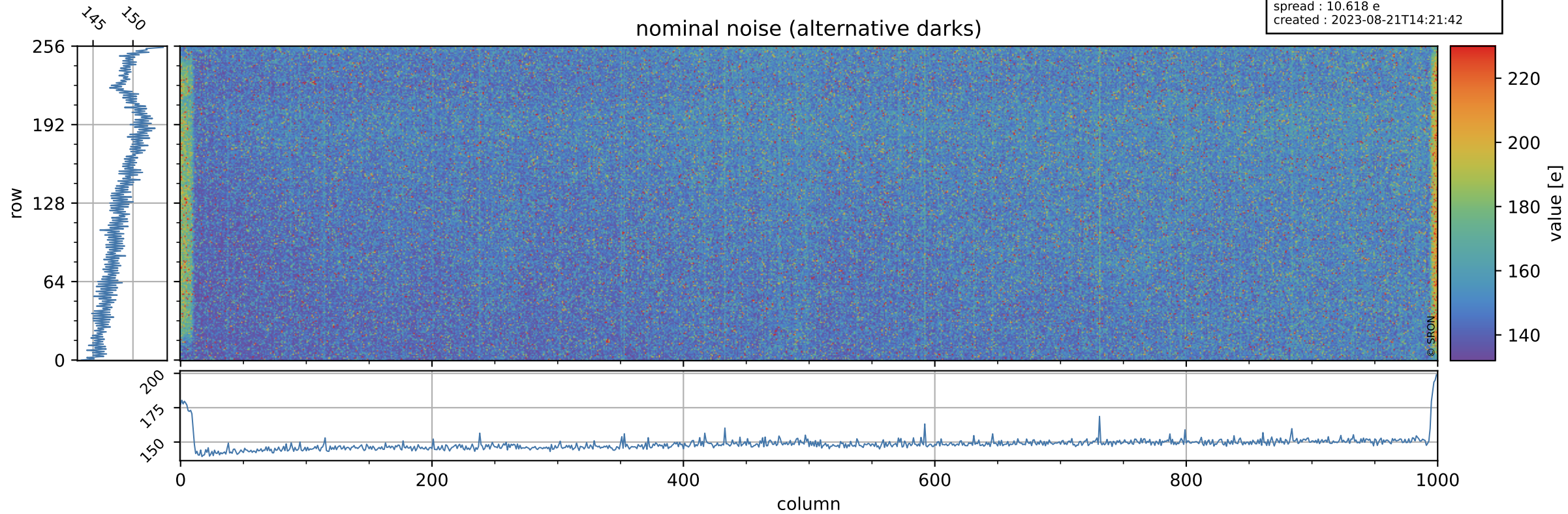


Tropomi SWIR background noise (swir)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.618 e
created : 2023-08-21T14:21:42

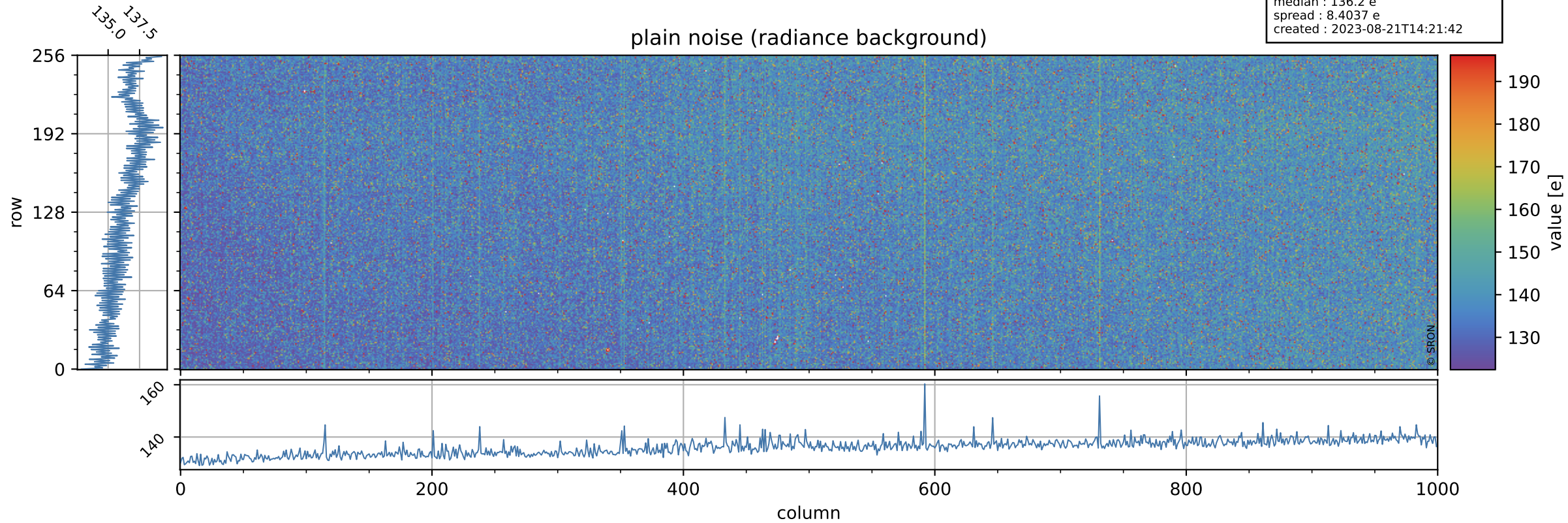
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4037 e
created : 2023-08-21T14:21:42

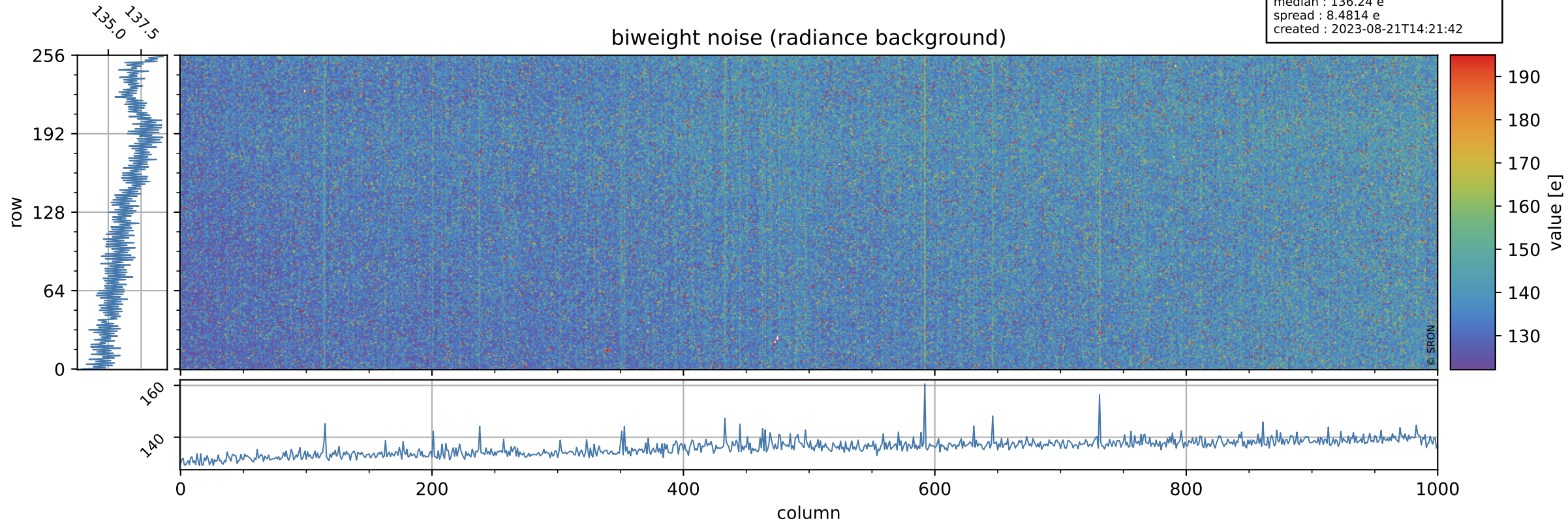
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4814 e
created : 2023-08-21T14:21:42

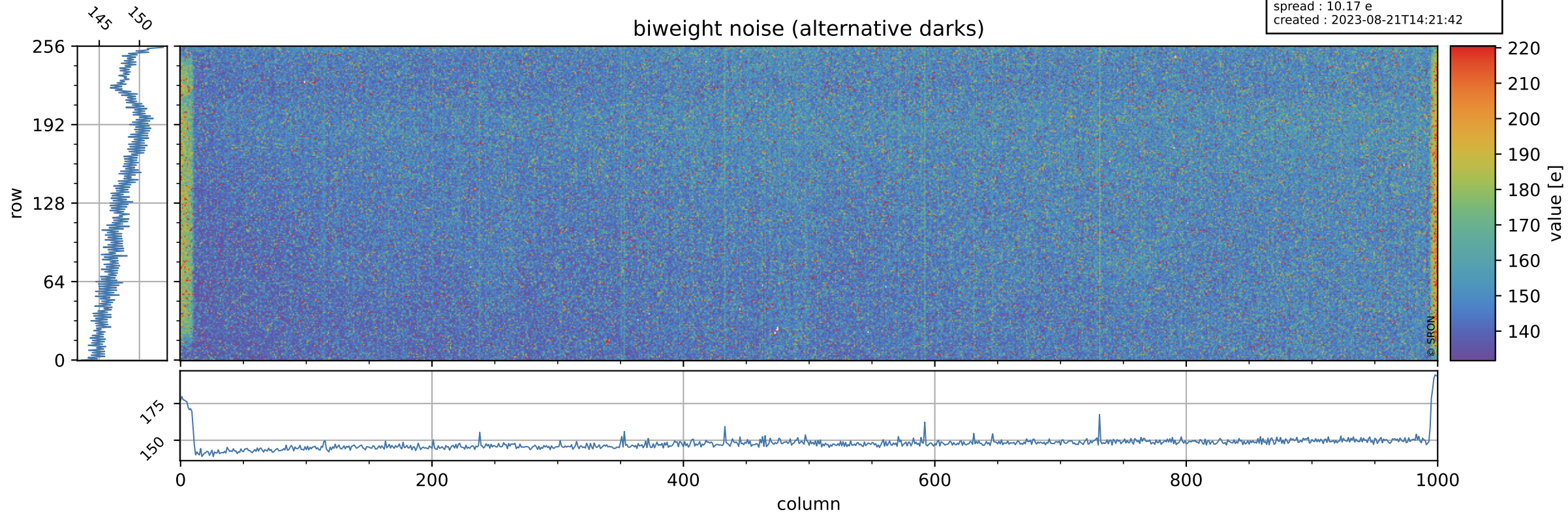
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.17 e
created : 2023-08-21T14:21:42

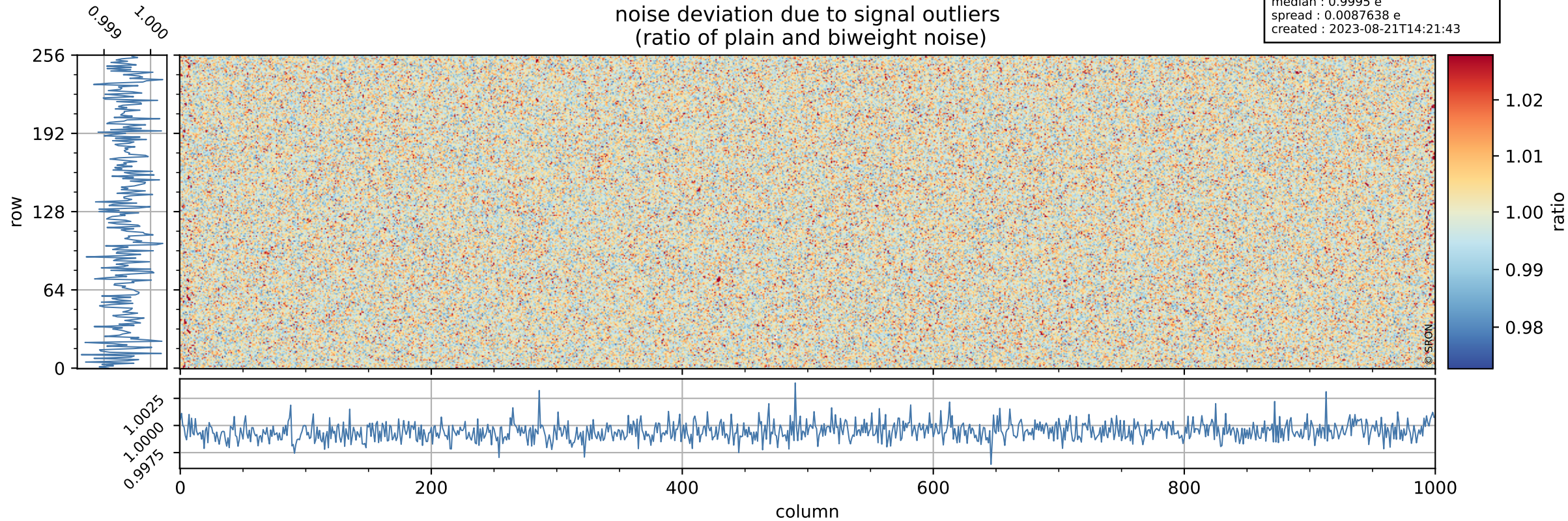
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

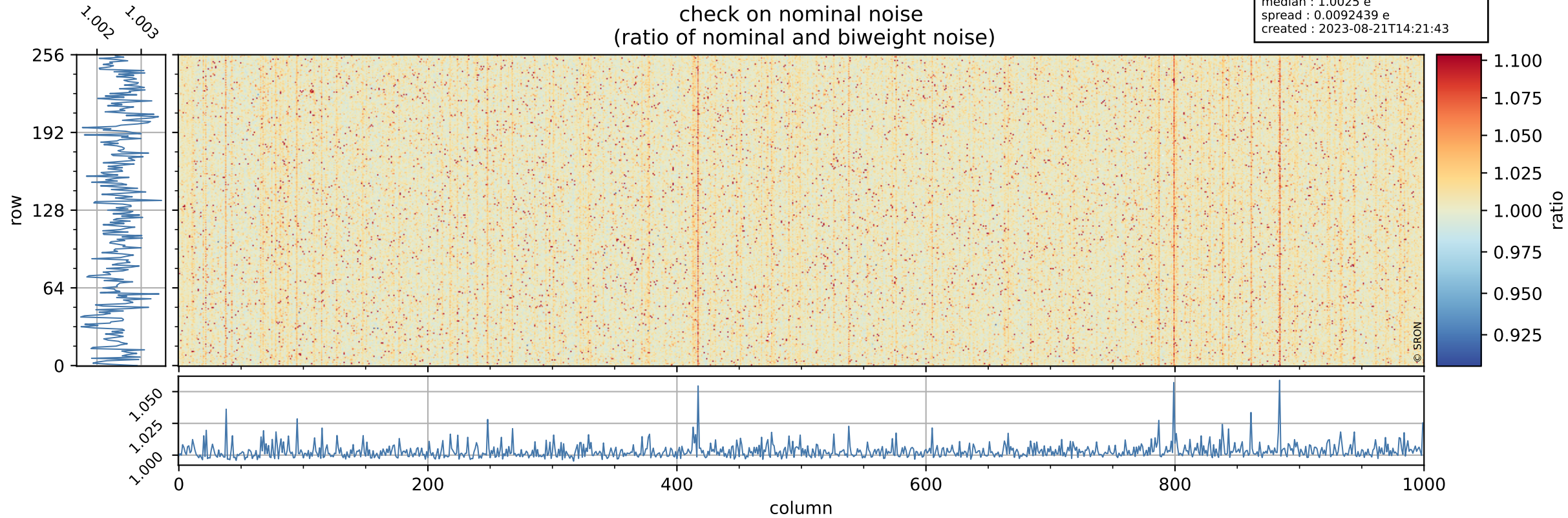
orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
median : 0.9995 e
spread : 0.0087638 e
created : 2023-08-21T14:21:43



Tropomi SWIR background noise (swir)

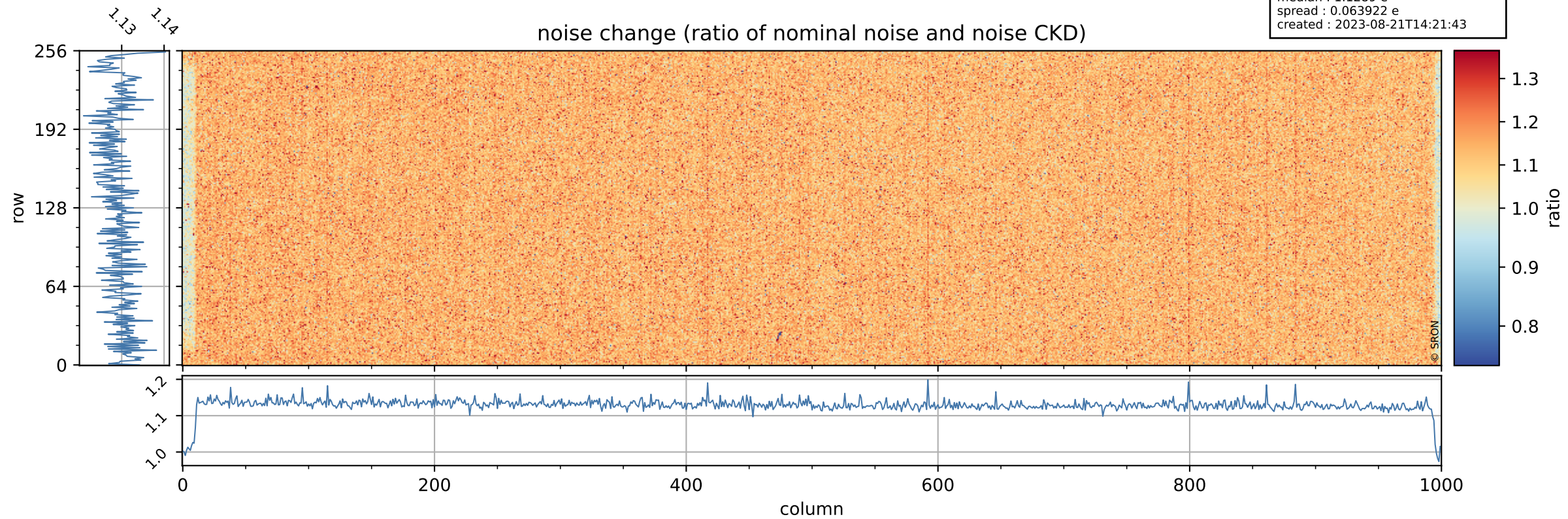
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
median : 1.0025 e
spread : 0.0092439 e
created : 2023-08-21T14:21:43



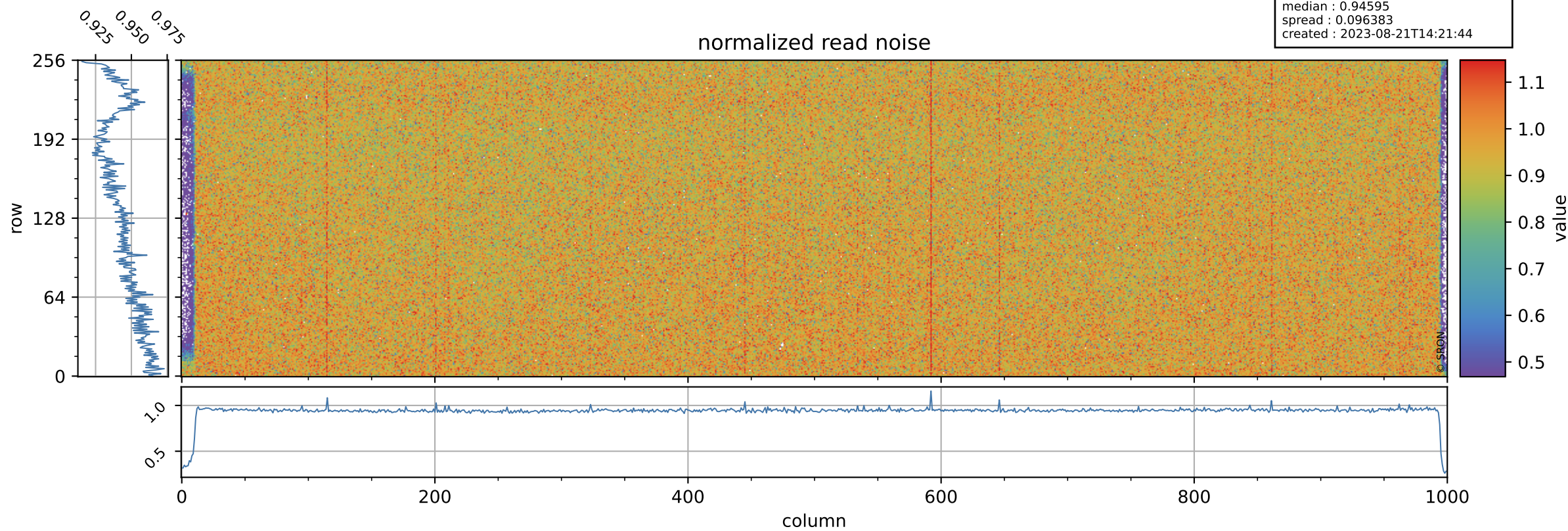
Tropomi SWIR background noise (swir)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
median : 1.1289 e
spread : 0.063922 e
created : 2023-08-21T14:21:43



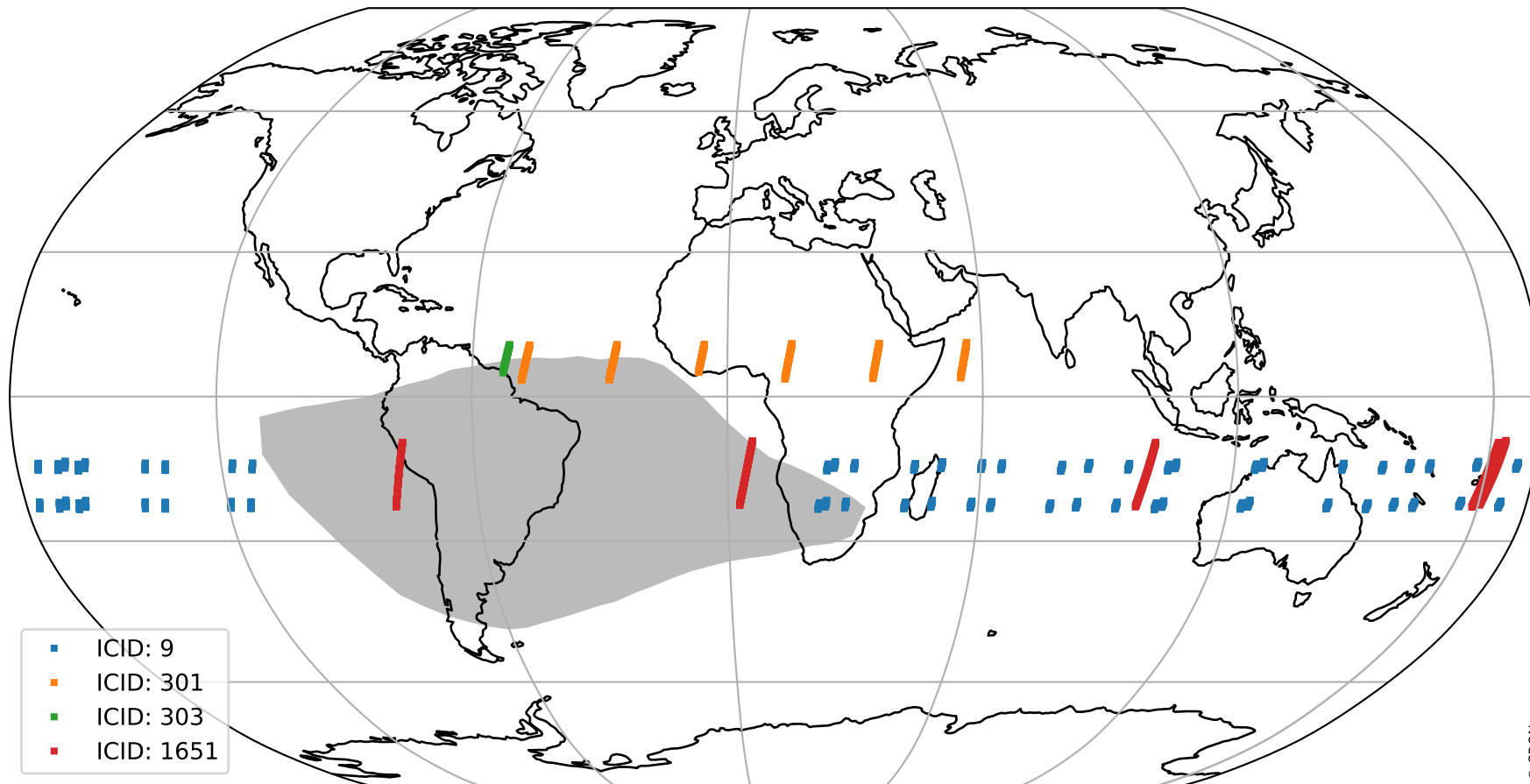
Tropomi SWIR background noise (swir)

orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
median : 0.94595
spread : 0.096383
created : 2023-08-21T14:21:44



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

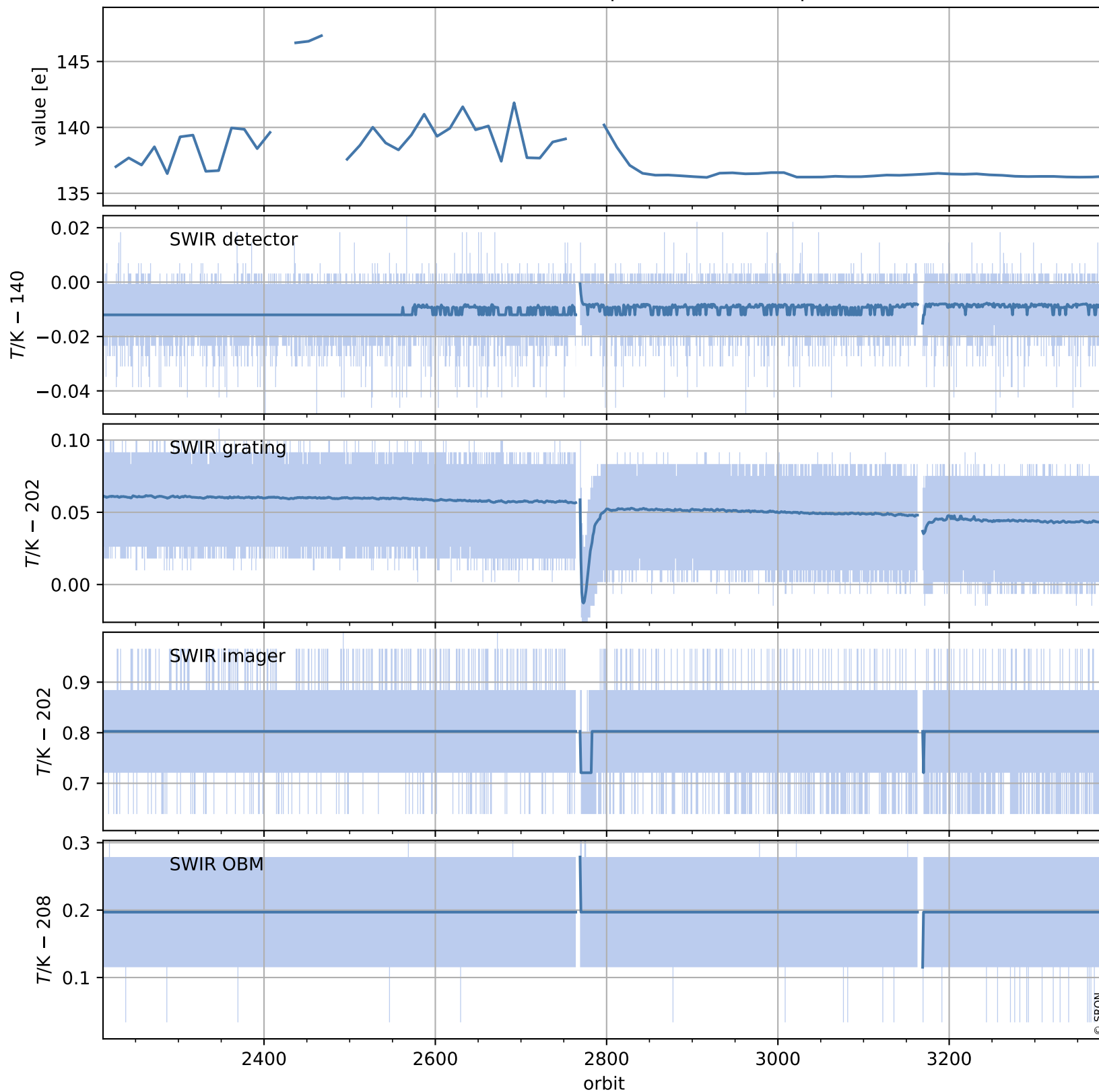
orbits : 12 in [3292, 3382]
coverage : 2018-06-02 / 2018-06-08
created : 2023-08-21T14:21:44



Tropomi SWIR background noise (swir)

orbits : [2212, 3382]
coverage : 2018-03-18 / 2018-06-08
created : 2023-08-21T14:21:44

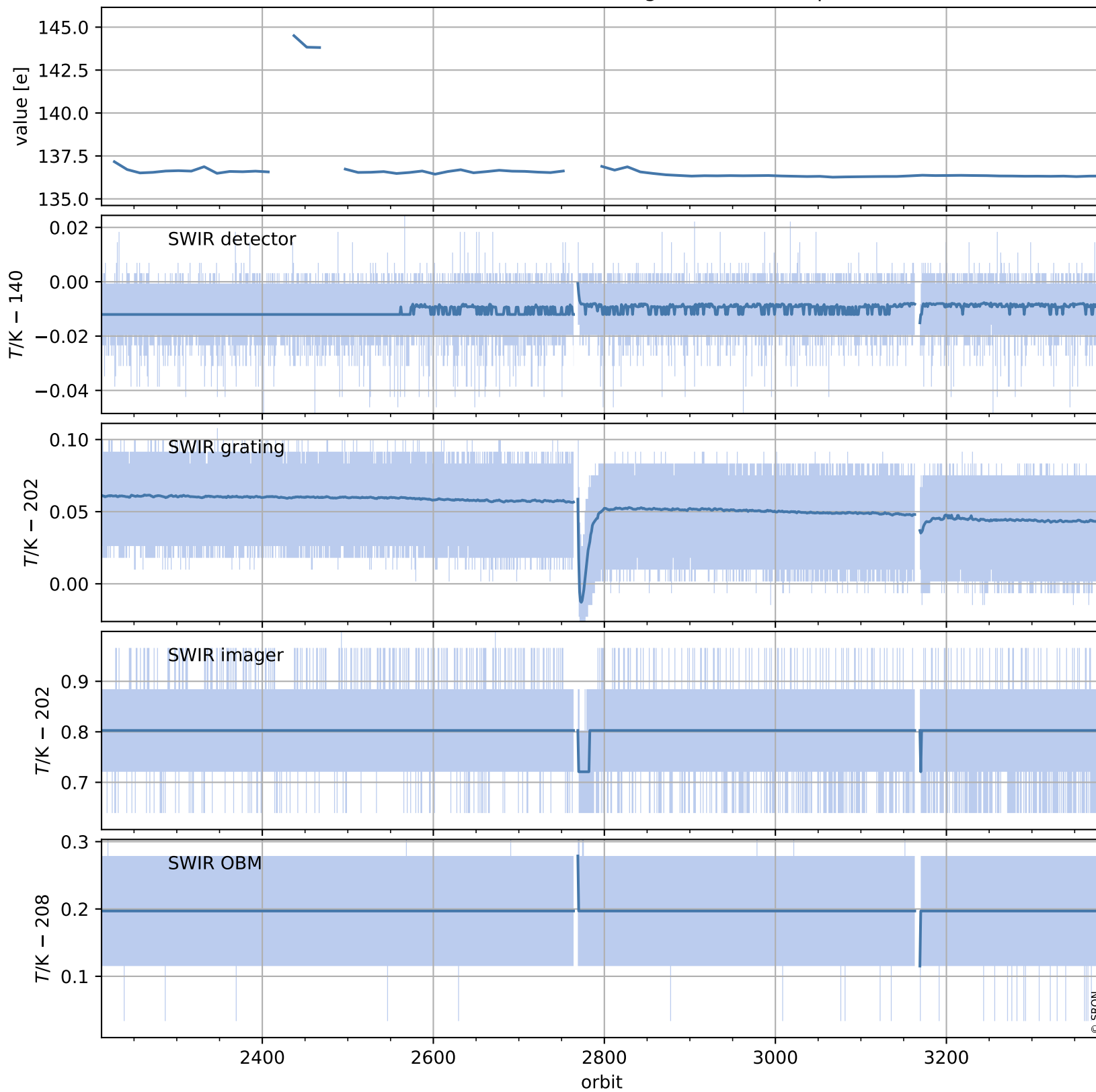
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3382]
coverage : 2018-03-18 / 2018-06-08
created : 2023-08-21T14:21:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3382]
coverage : 2018-03-18 / 2018-06-08
created : 2023-08-21T14:21:45

trend of normalized read-noise & temperatures

