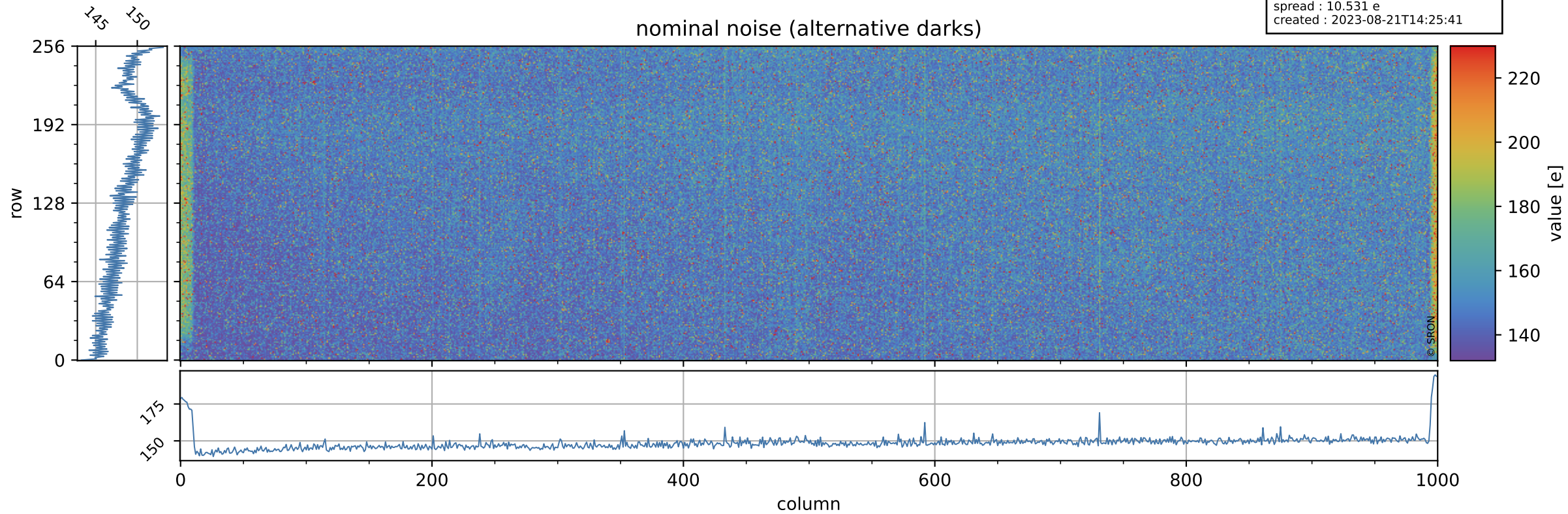


Tropomi SWIR background noise (swir)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.531 e
created : 2023-08-21T14:25:41

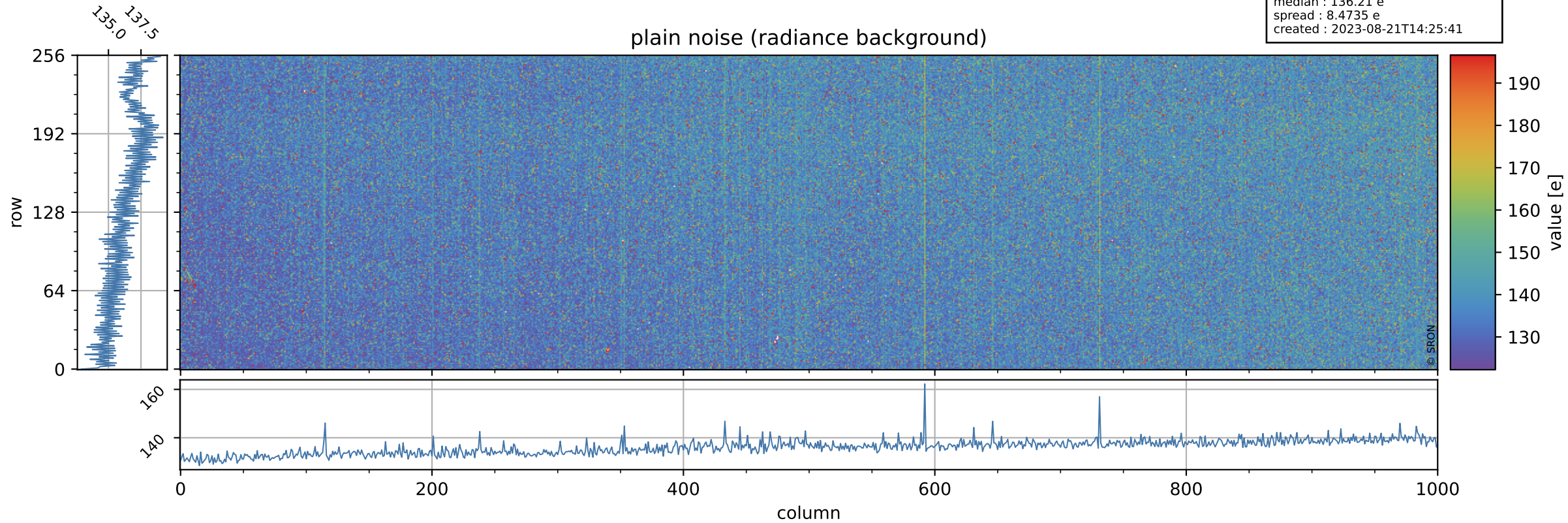
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.4735 e
created : 2023-08-21T14:25:41

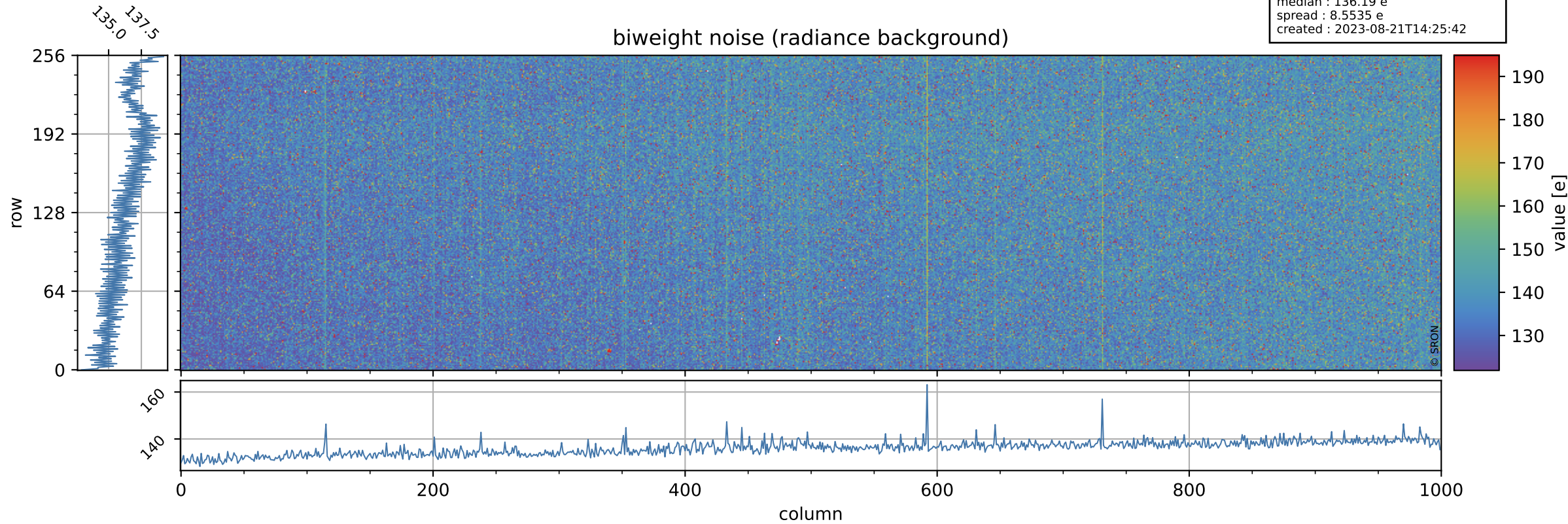
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5535 e
created : 2023-08-21T14:25:42

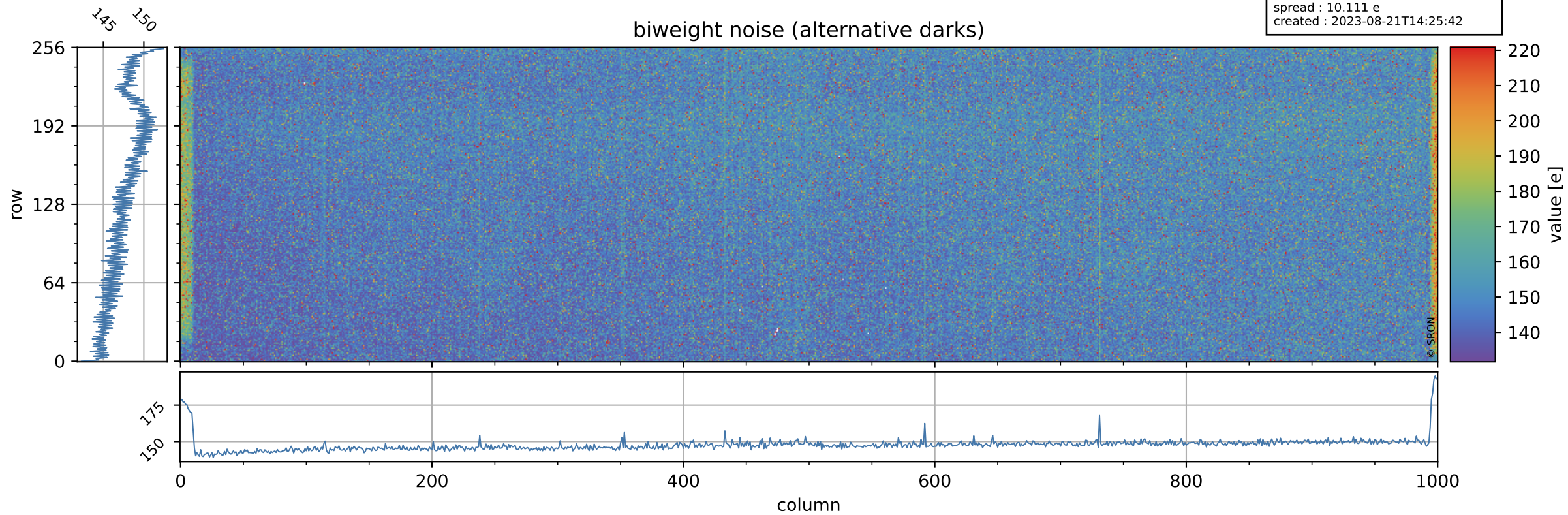
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.111 e
created : 2023-08-21T14:25:42

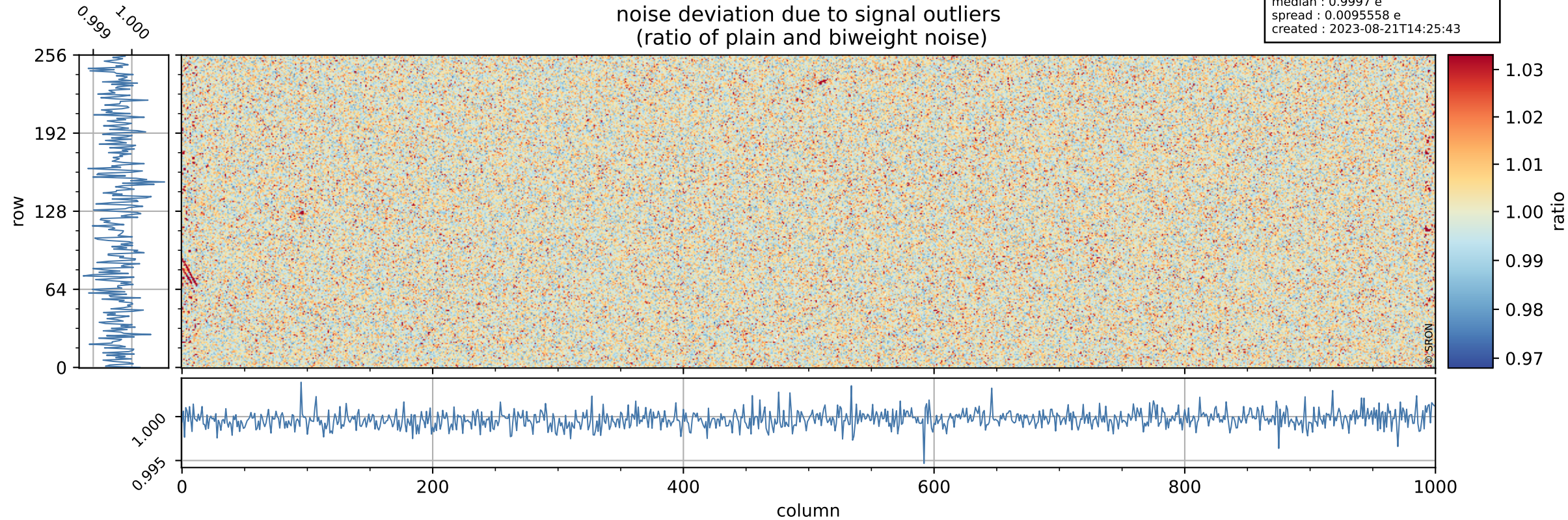
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

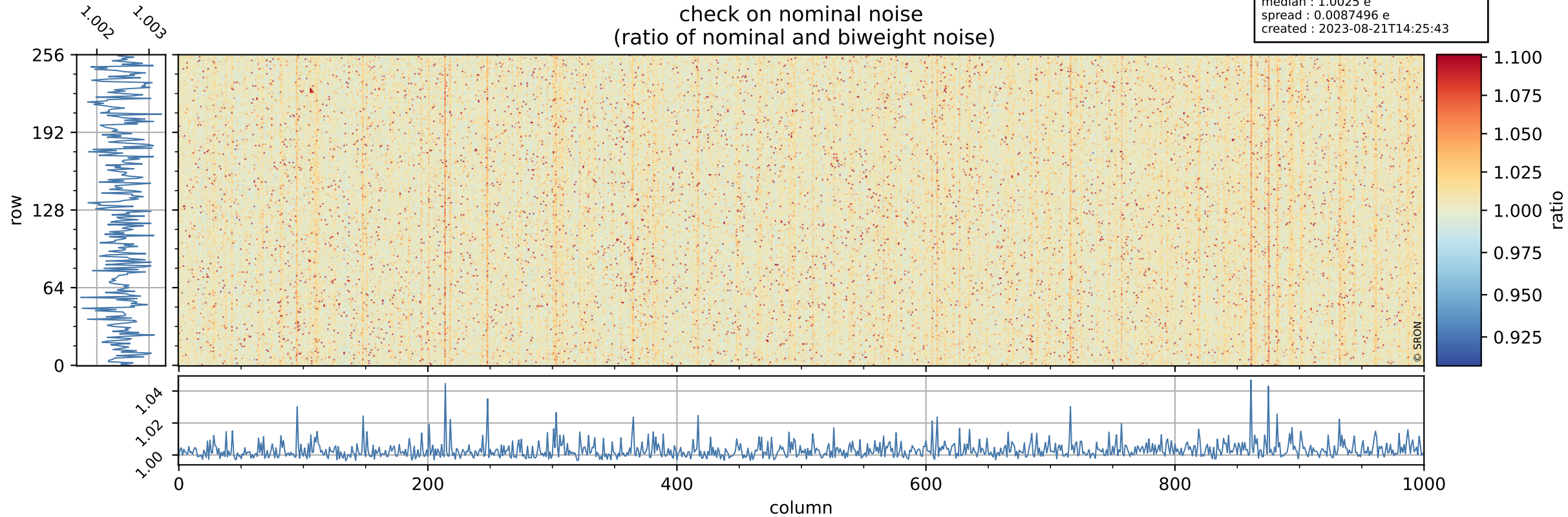
orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
median : 0.9997 e
spread : 0.0095558 e
created : 2023-08-21T14:25:43



Tropomi SWIR background noise (swir)

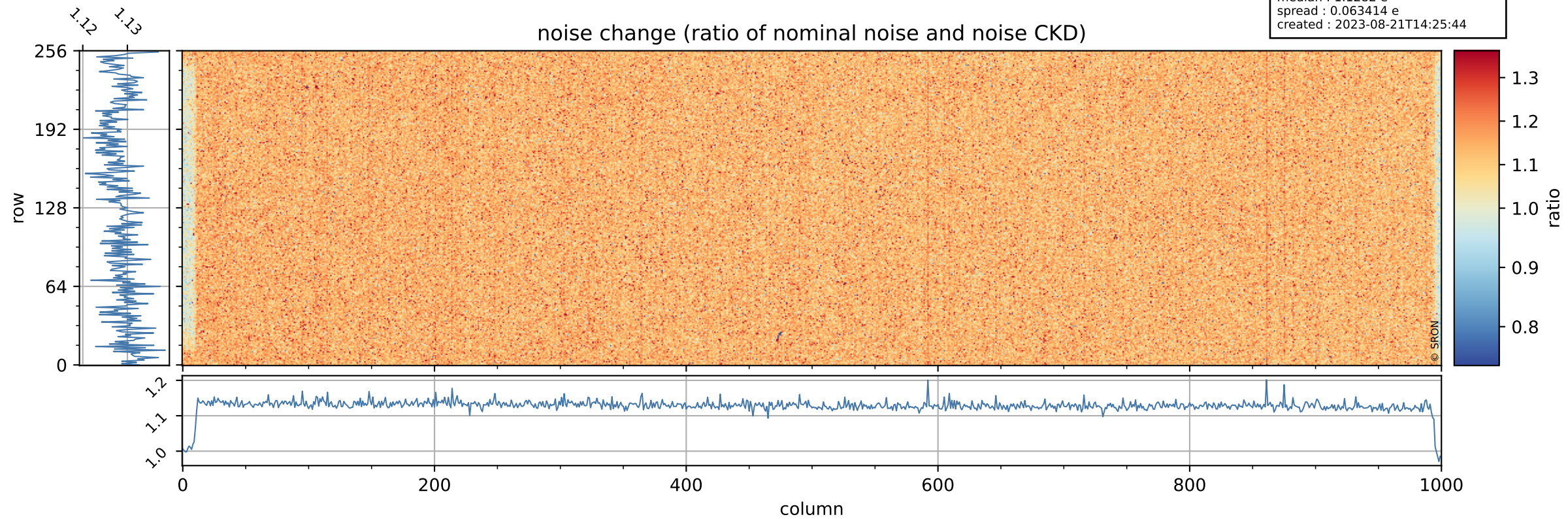
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
median : 1.0025 e
spread : 0.0087496 e
created : 2023-08-21T14:25:43



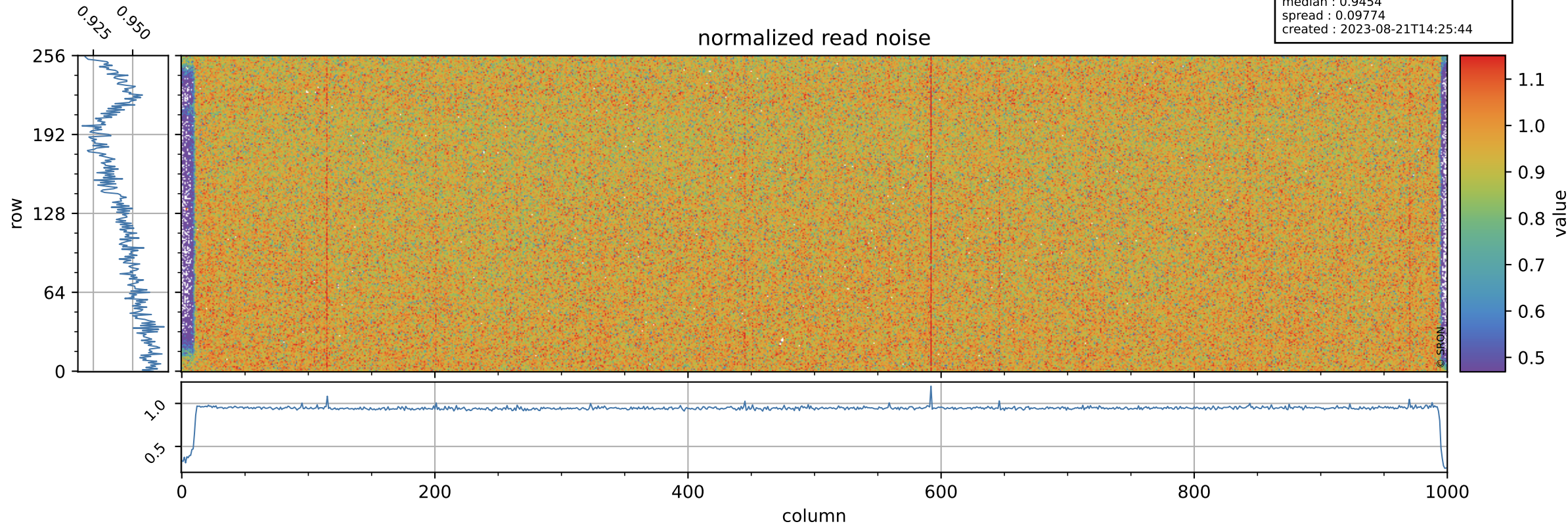
Tropomi SWIR background noise (swir)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
median : 1.1282 e
spread : 0.063414 e
created : 2023-08-21T14:25:44



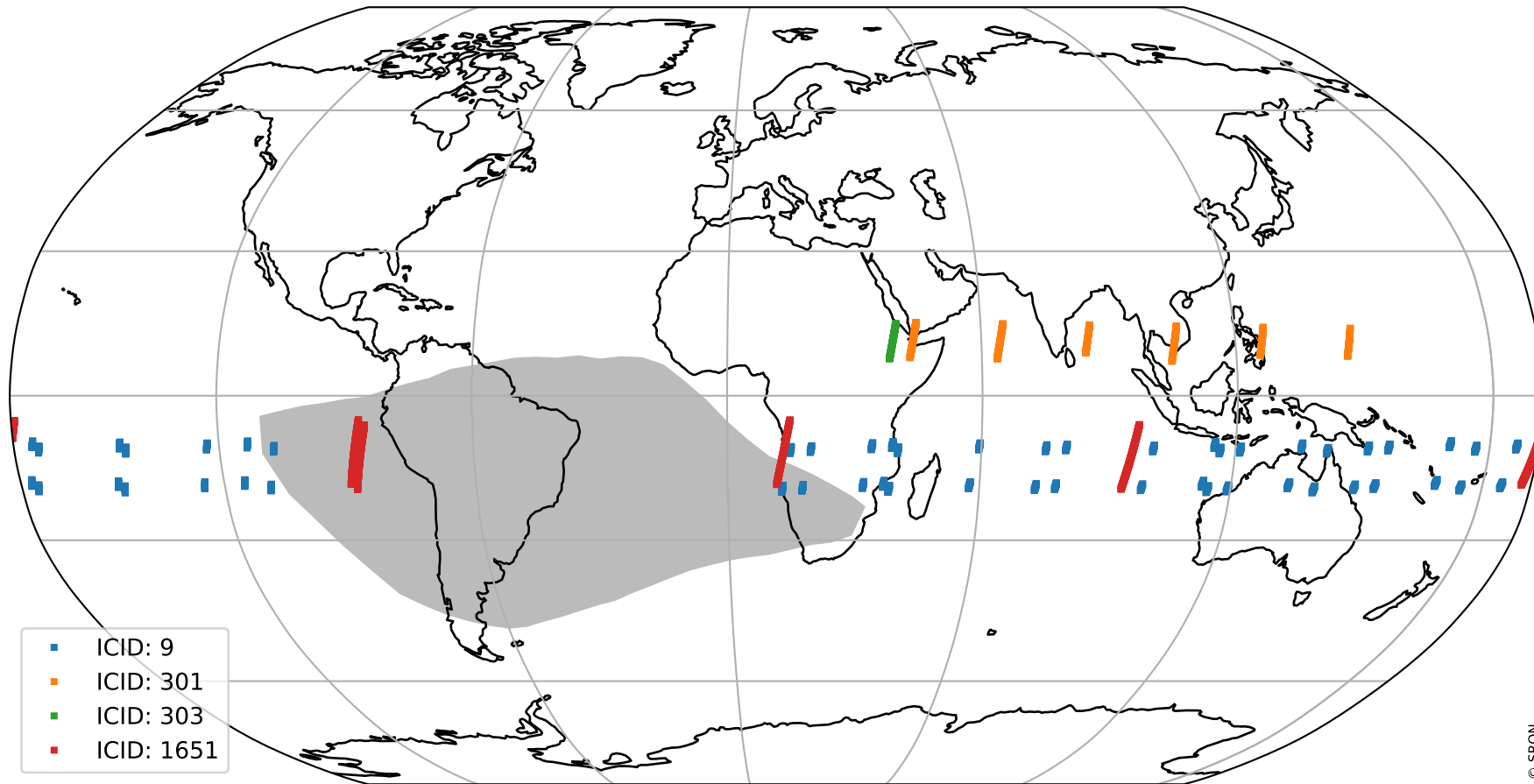
Tropomi SWIR background noise (swir)

orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
median : 0.9454
spread : 0.09774
created : 2023-08-21T14:25:44



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

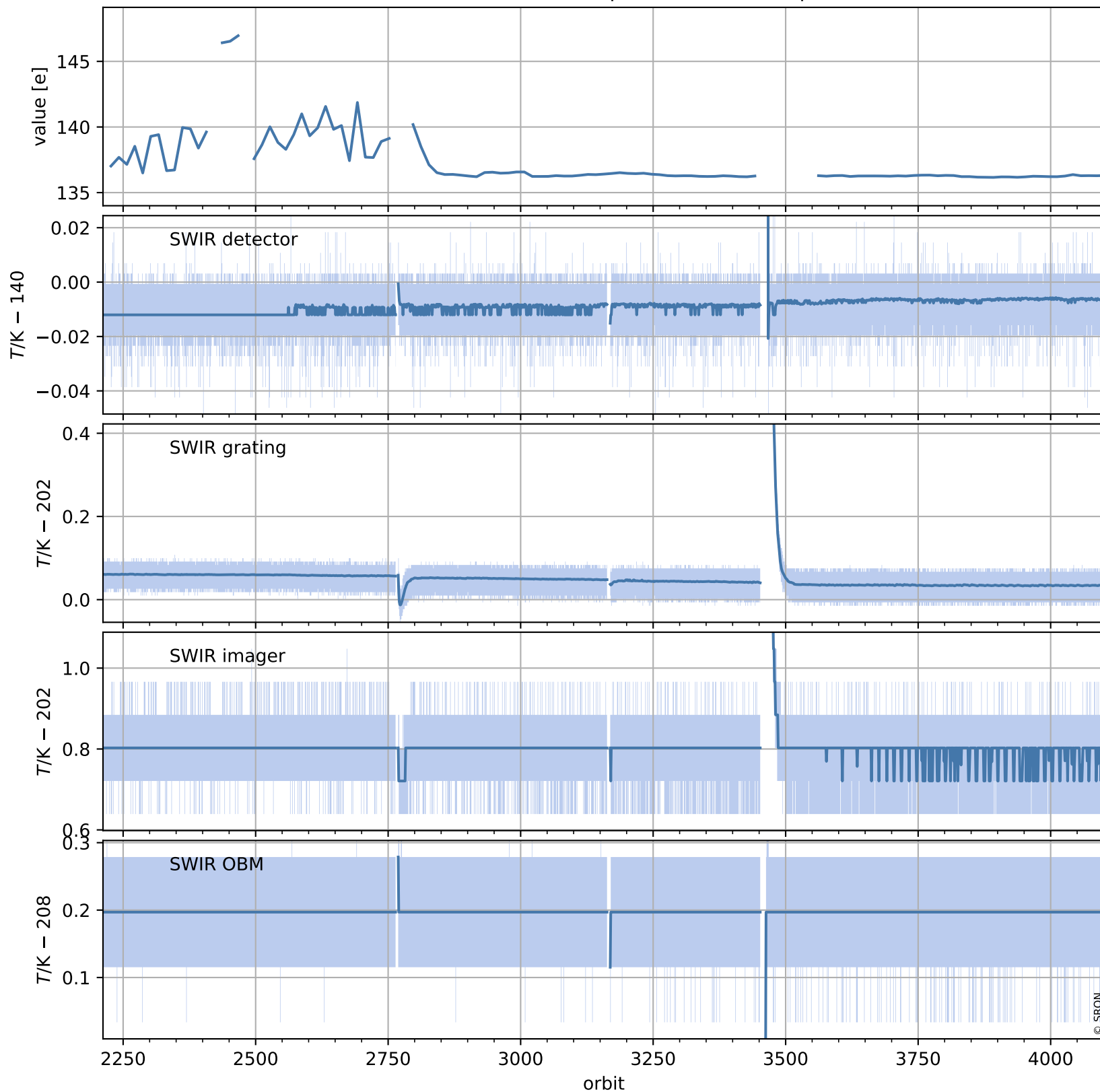
orbits : 12 in [4012, 4102]
coverage : 2018-07-23 / 2018-07-29
created : 2023-08-21T14:25:44



Tropomi SWIR background noise (swir)

orbits : [2212, 4102]
coverage : 2018-03-18 / 2018-07-29
created : 2023-08-21T14:25:45

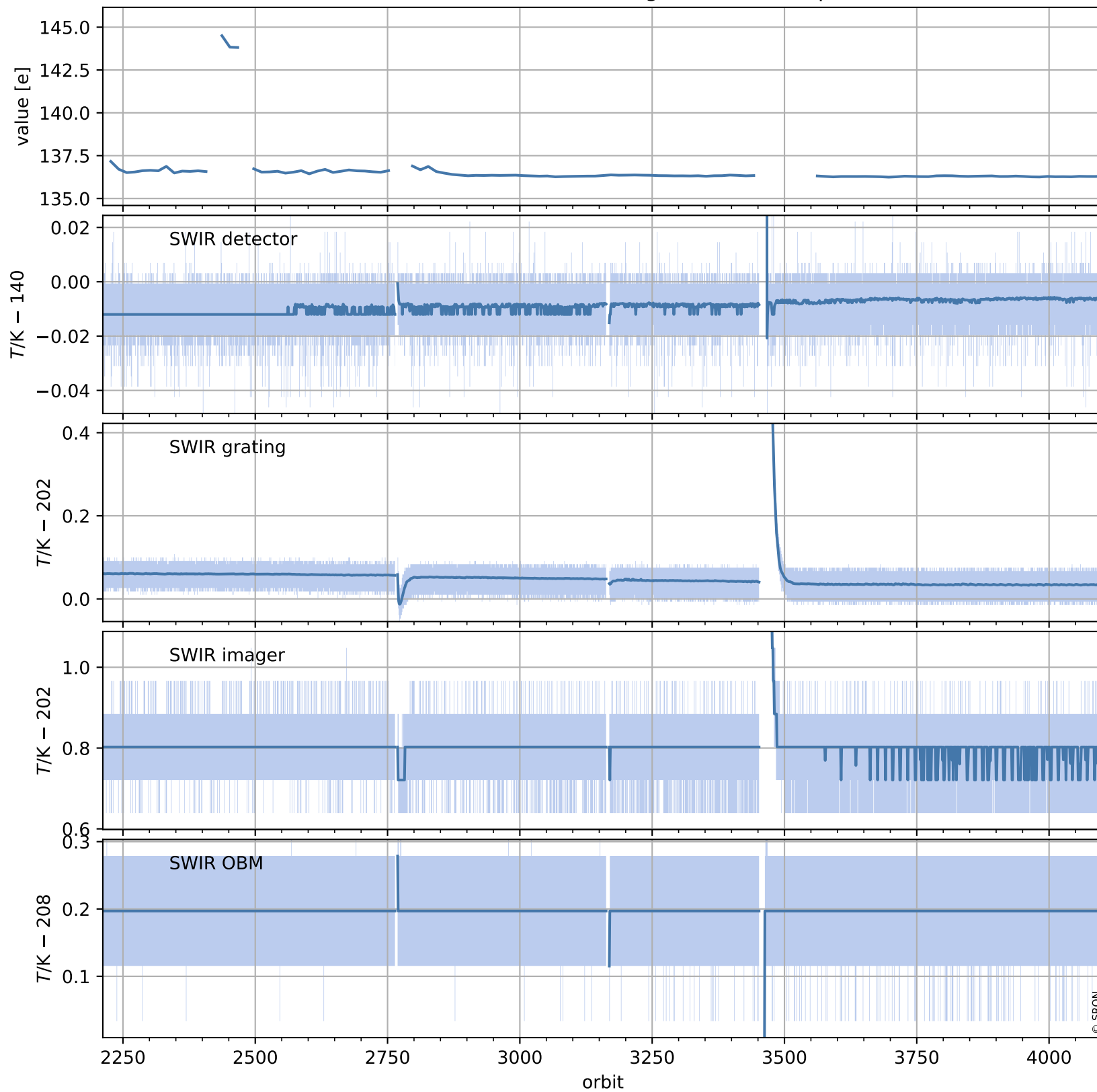
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4102]
coverage : 2018-03-18 / 2018-07-29
created : 2023-08-21T14:25:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4102]
coverage : 2018-03-18 / 2018-07-29
created : 2023-08-21T14:25:46

trend of normalized read-noise & temperatures

