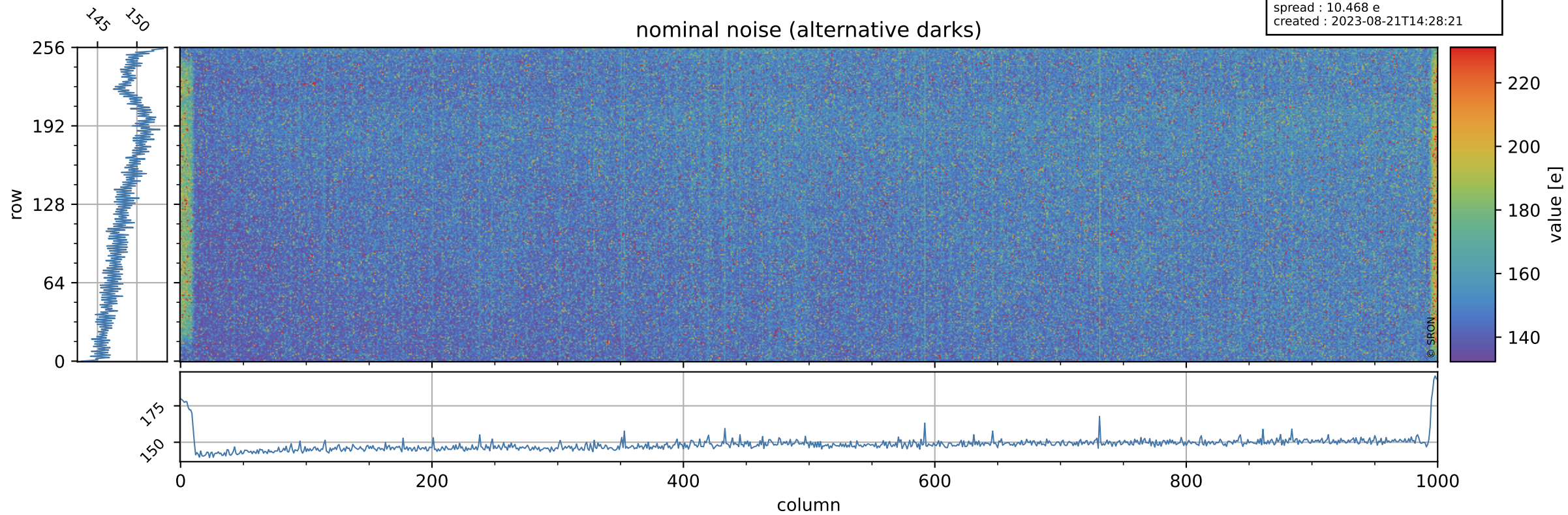


Tropomi SWIR background noise (swir)

orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.468 e
created : 2023-08-21T14:28:21

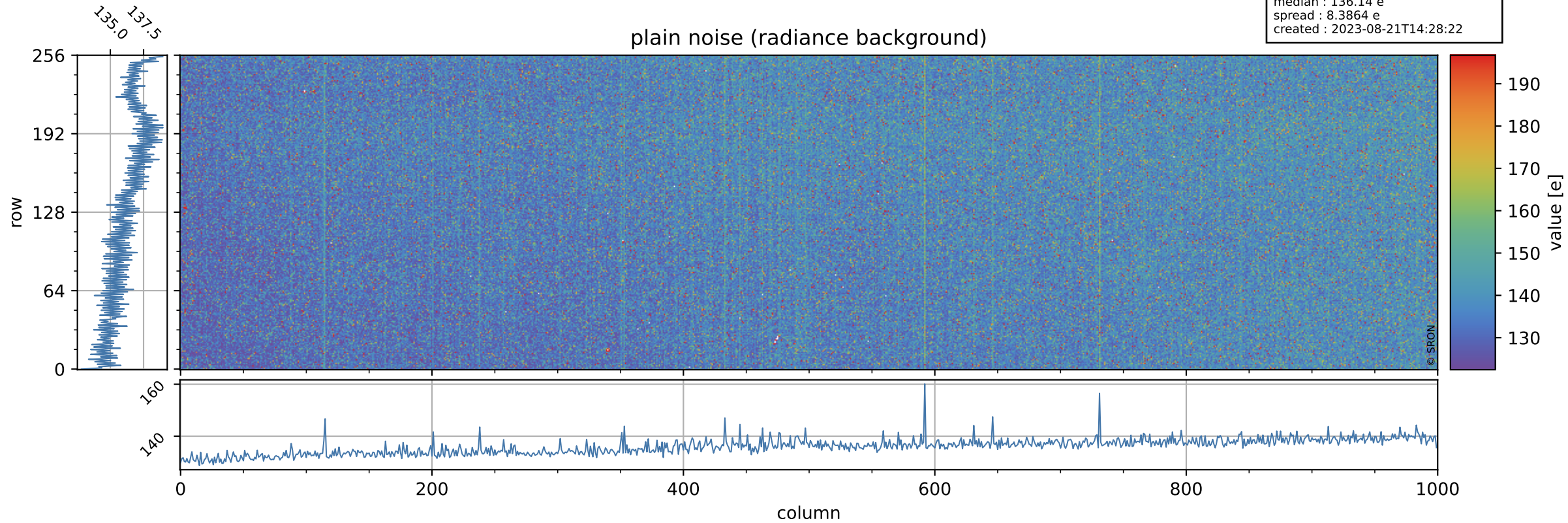
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.3864 e
created : 2023-08-21T14:28:22

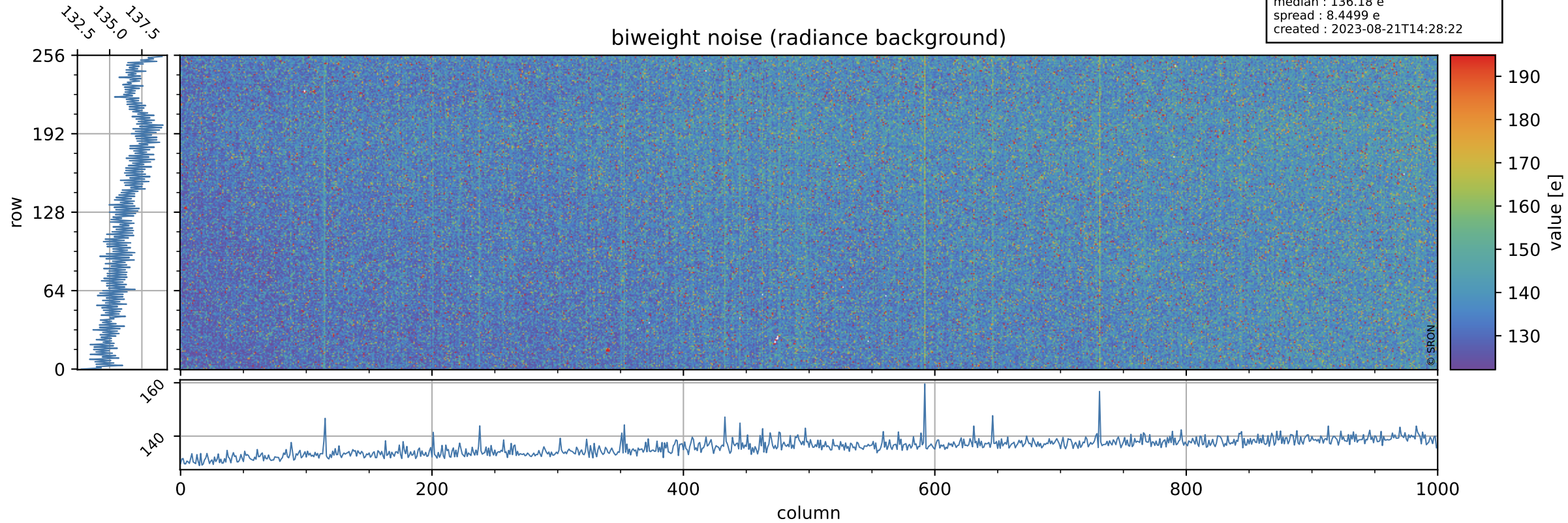
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4499 e
created : 2023-08-21T14:28:22

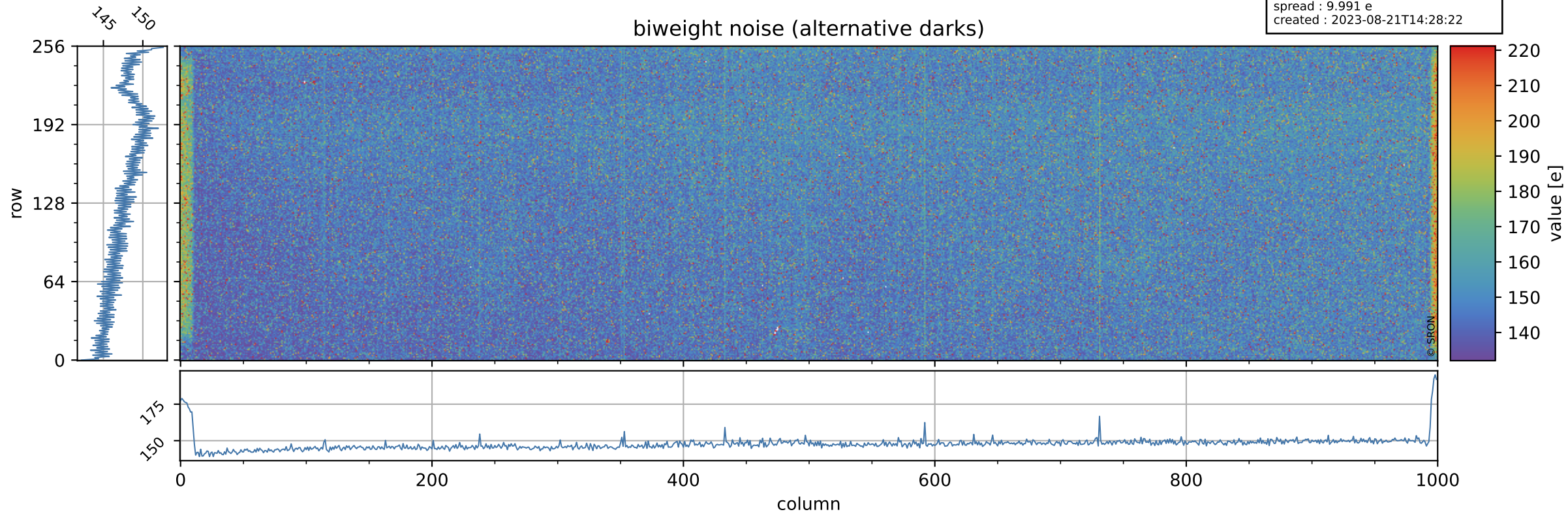
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.991 e
created : 2023-08-21T14:28:22

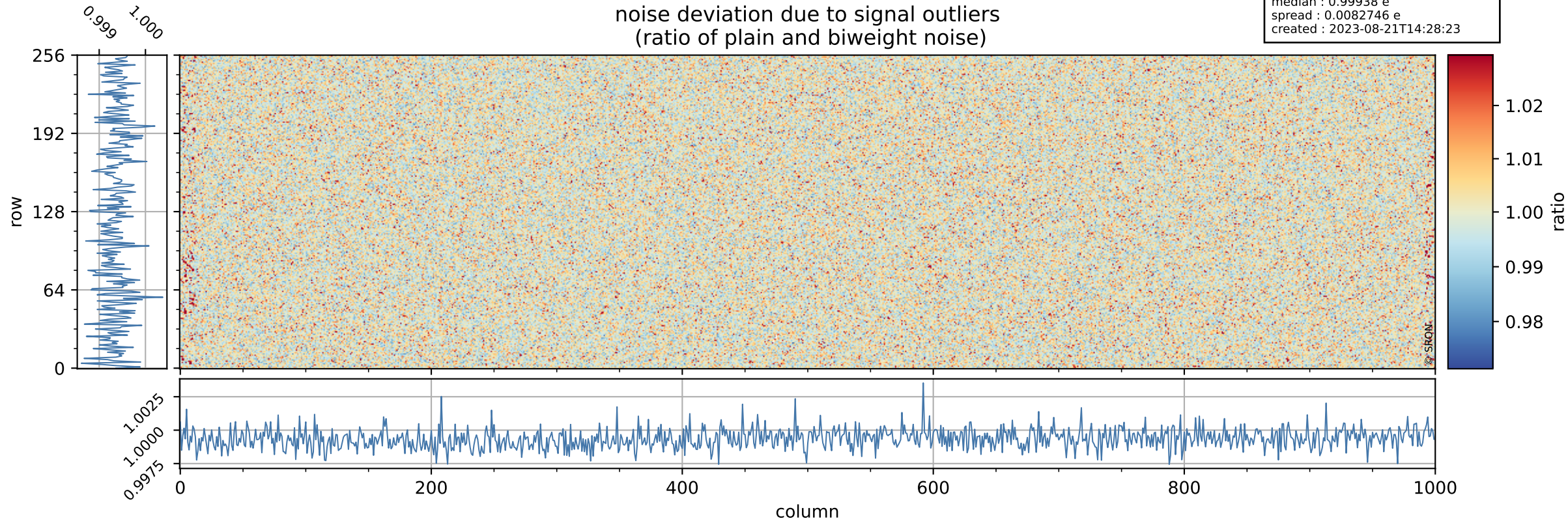
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

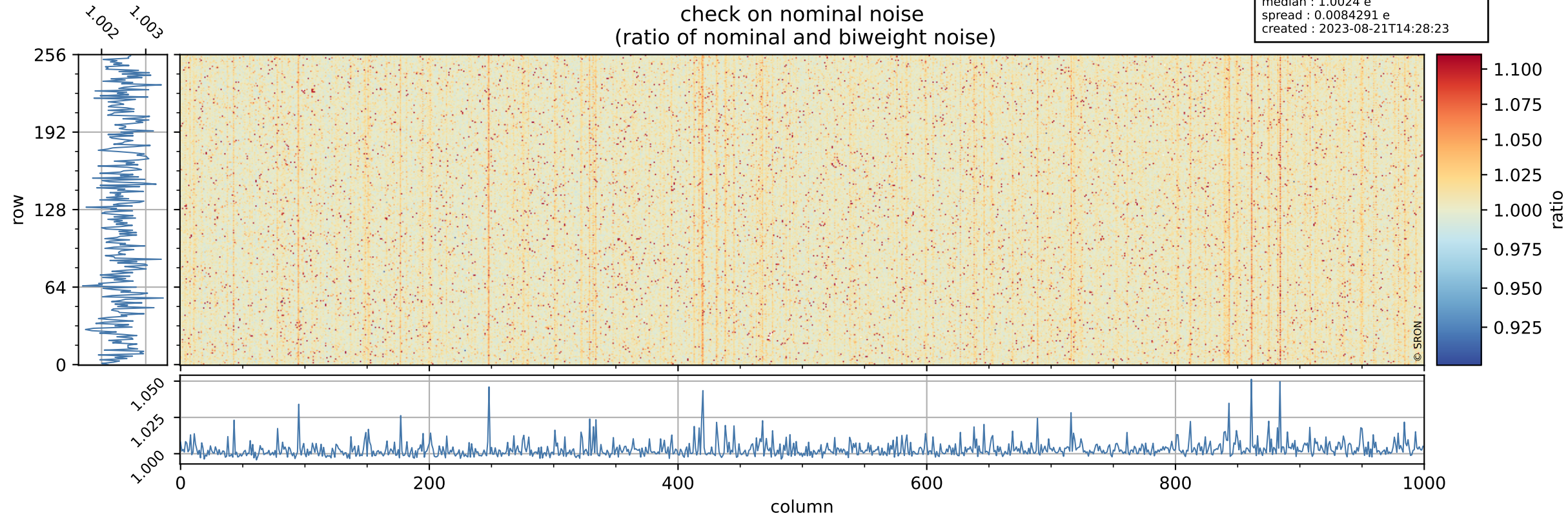
orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
median : 0.99938 e
spread : 0.0082746 e
created : 2023-08-21T14:28:23



Tropomi SWIR background noise (swir)

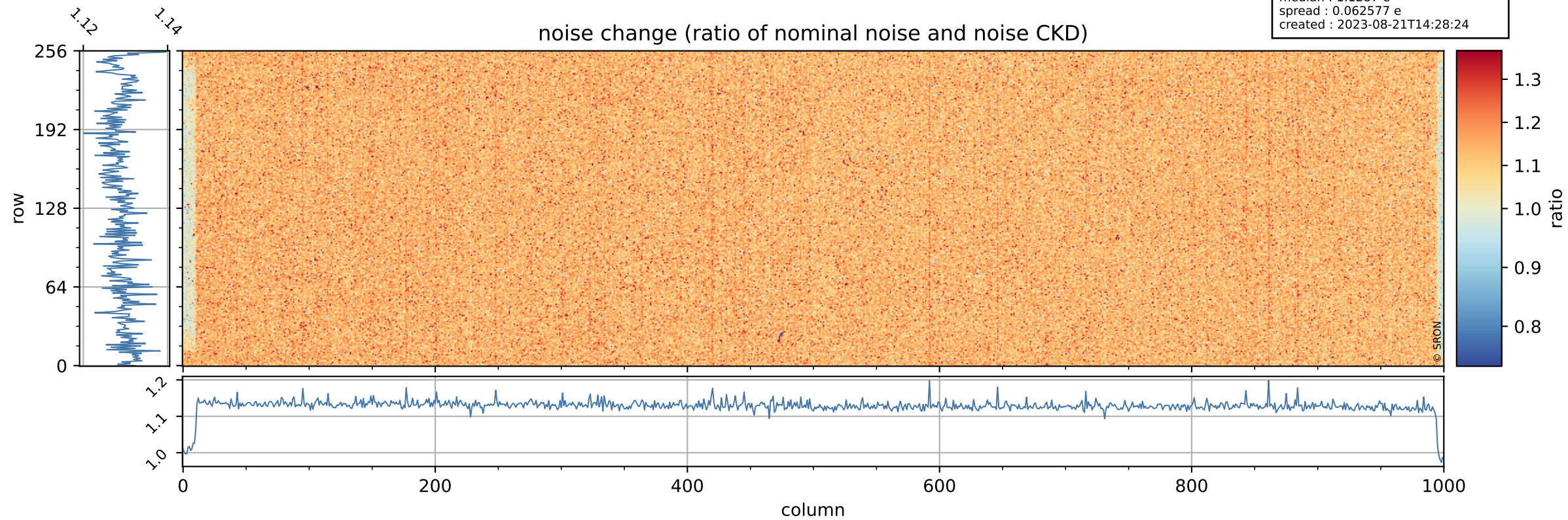
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
median : 1.0024 e
spread : 0.0084291 e
created : 2023-08-21T14:28:23



Tropomi SWIR background noise (swir)

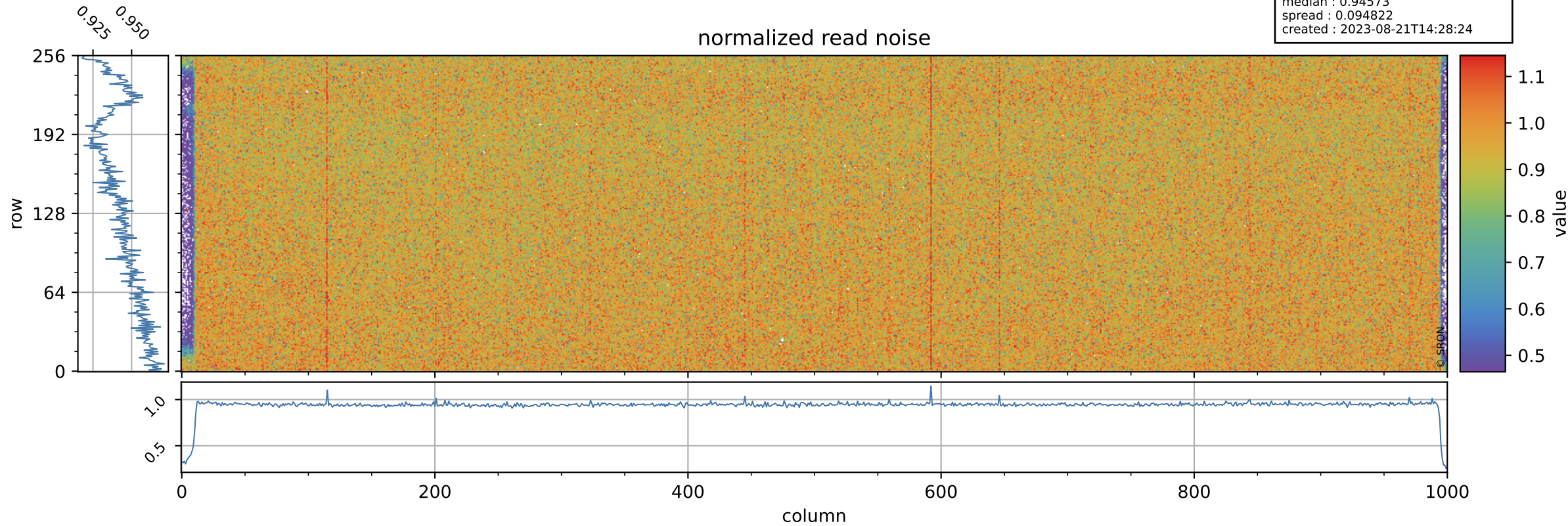
orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
median : 1.1287 e
spread : 0.062577 e
created : 2023-08-21T14:28:24



Tropomi SWIR background noise (swir)

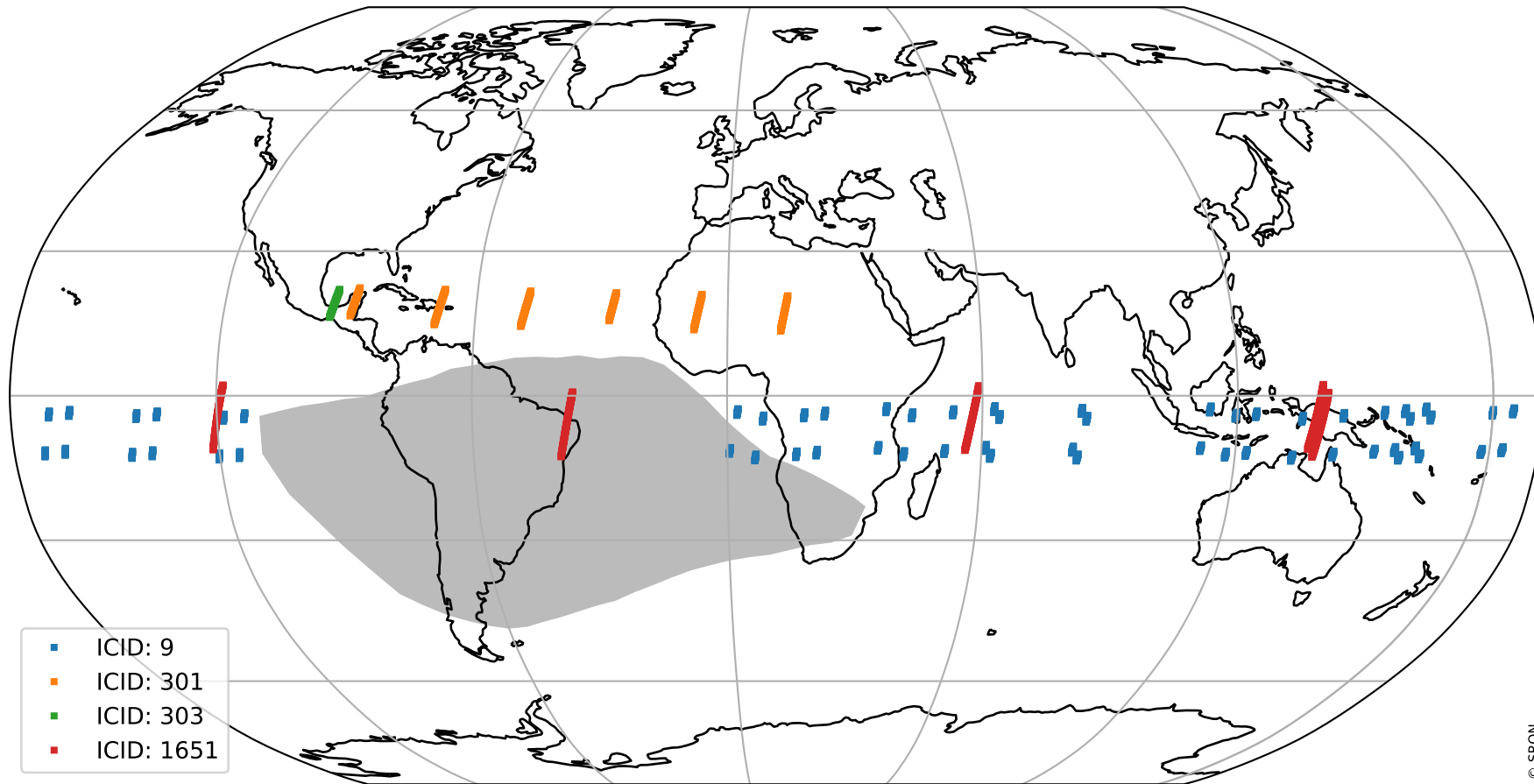
orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
median : 0.94573
spread : 0.094822
created : 2023-08-21T14:28:24

normalized read noise



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

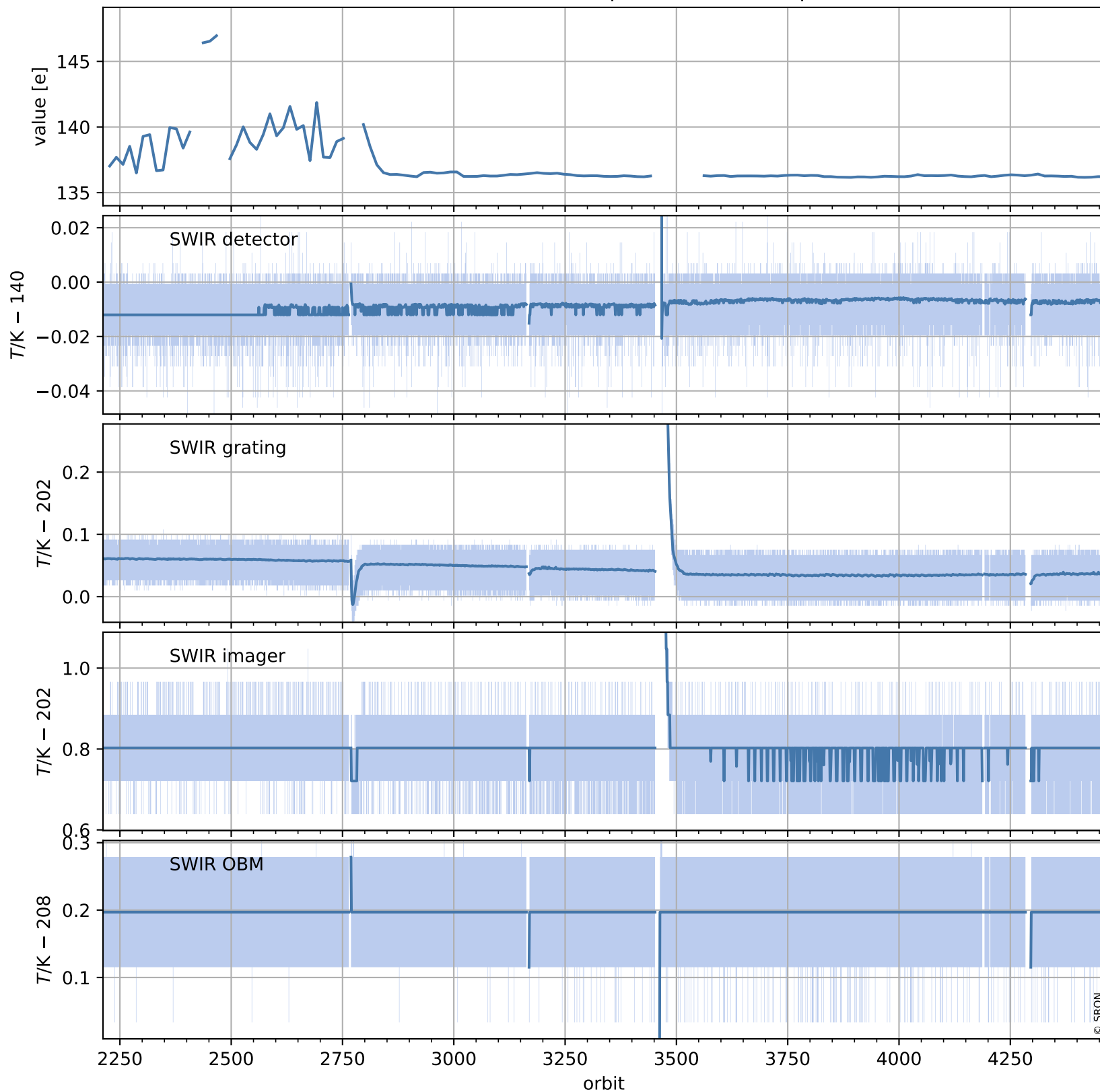
orbits : 12 in [4372, 4462]
coverage : 2018-08-17 / 2018-08-23
created : 2023-08-21T14:28:24



Tropomi SWIR background noise (swir)

orbits : [2212, 4462]
coverage : 2018-03-18 / 2018-08-23
created : 2023-08-21T14:28:25

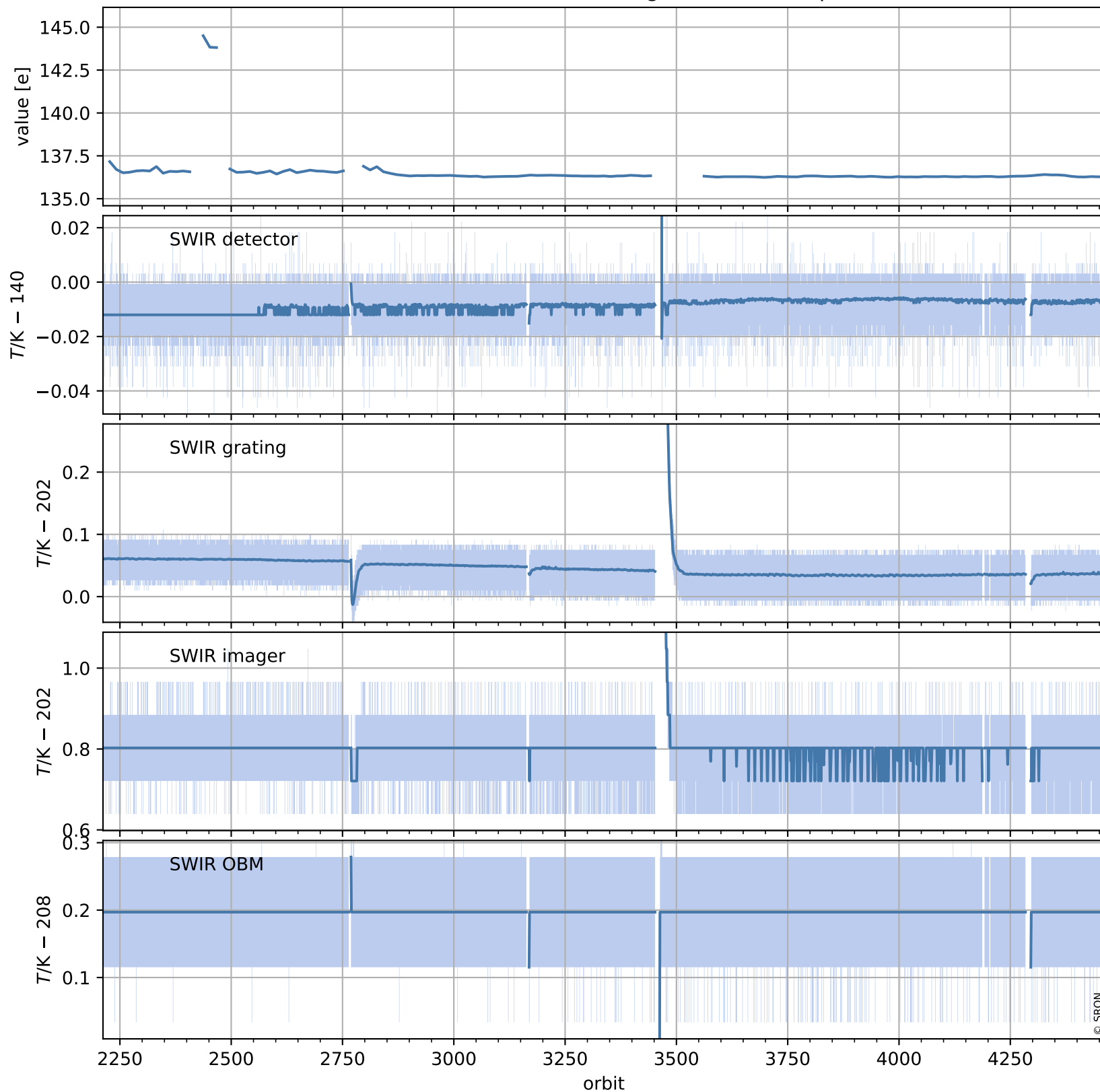
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4462]
coverage : 2018-03-18 / 2018-08-23
created : 2023-08-21T14:28:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4462]
coverage : 2018-03-18 / 2018-08-23
created : 2023-08-21T14:28:26

trend of normalized read-noise & temperatures

