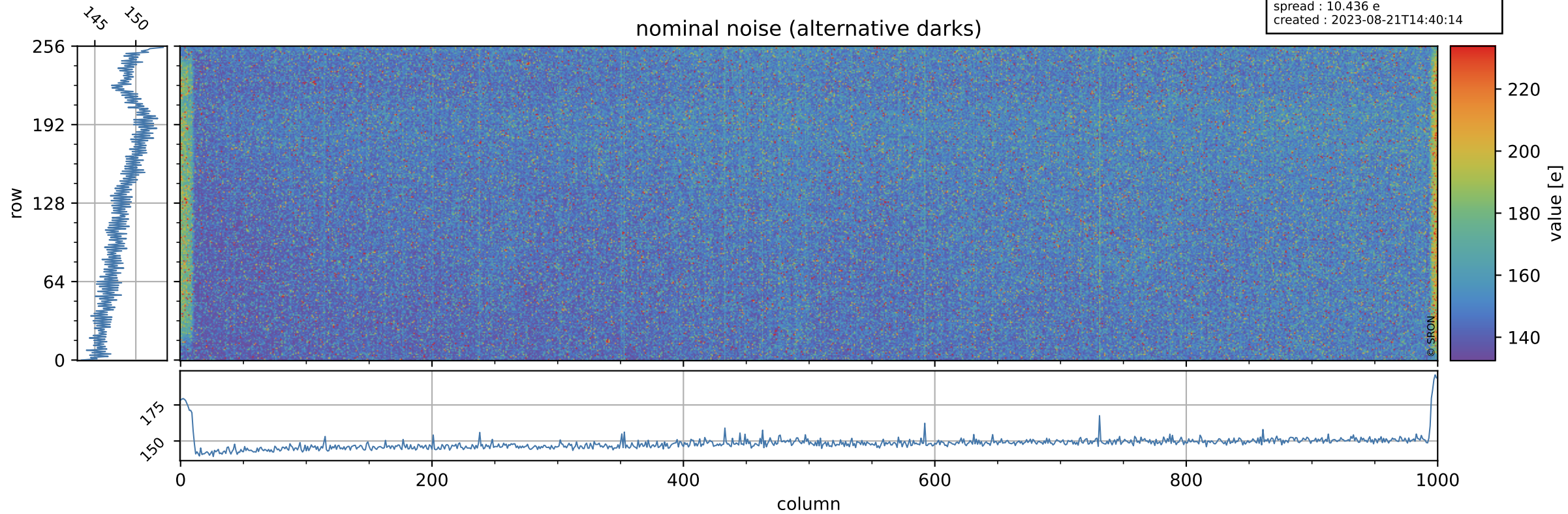


Tropomi SWIR background noise (swir)

orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.436 e
created : 2023-08-21T14:40:14

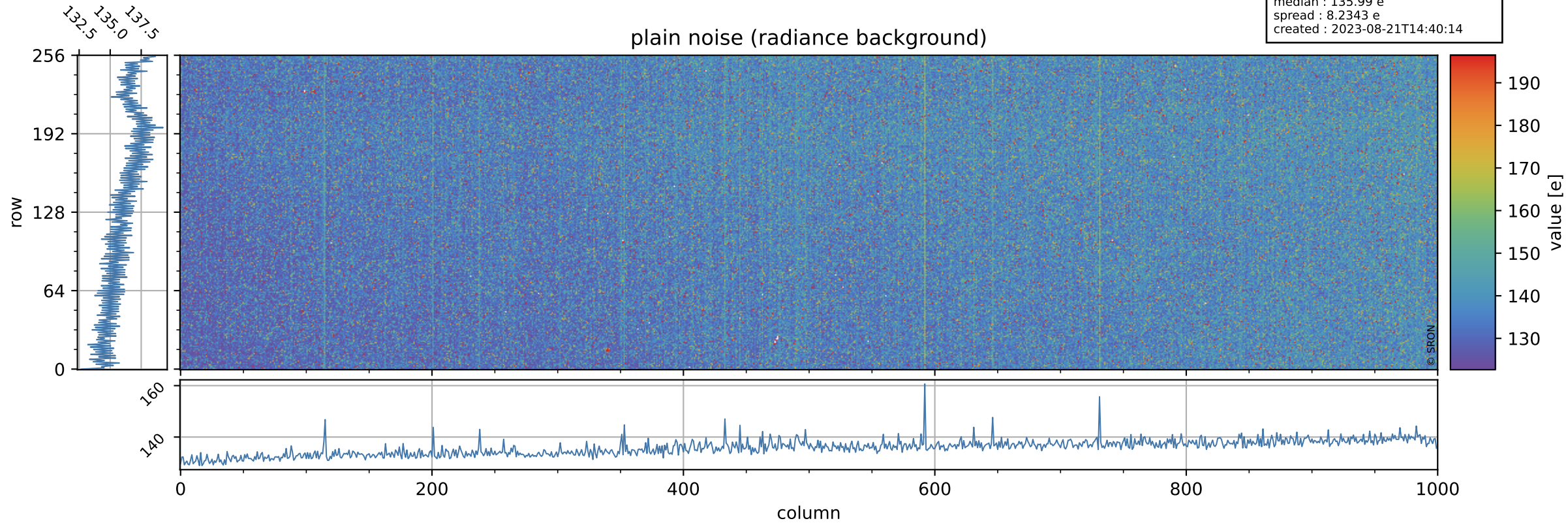
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2343 e
created : 2023-08-21T14:40:14

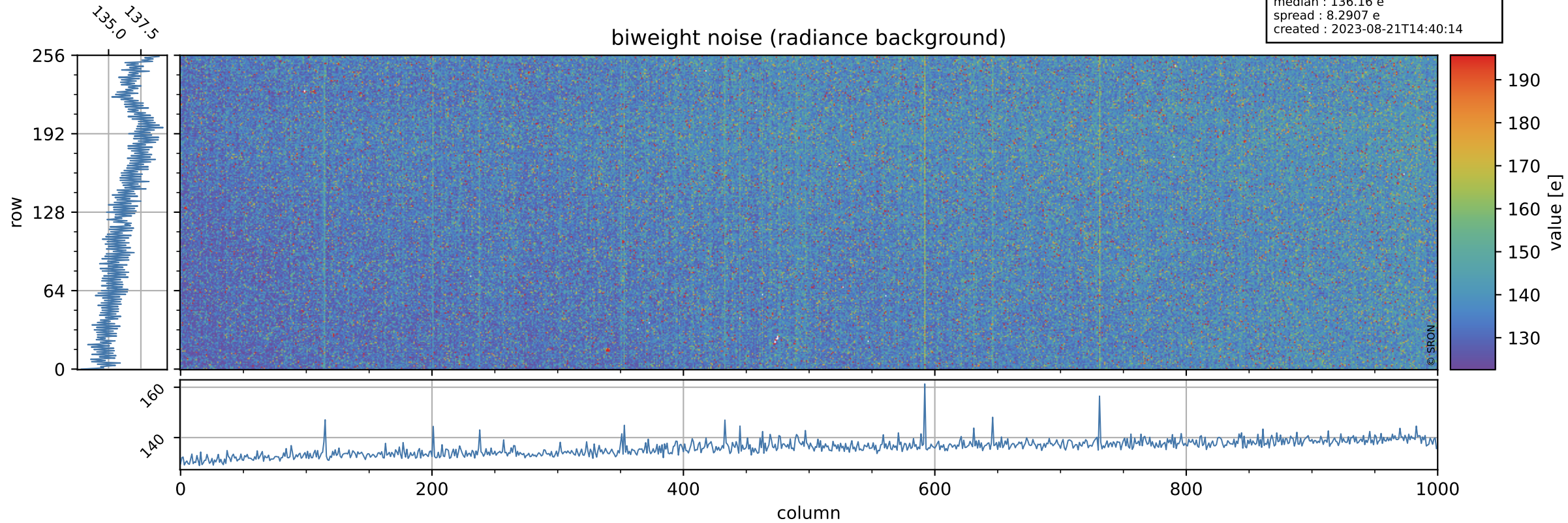
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2907 e
created : 2023-08-21T14:40:14

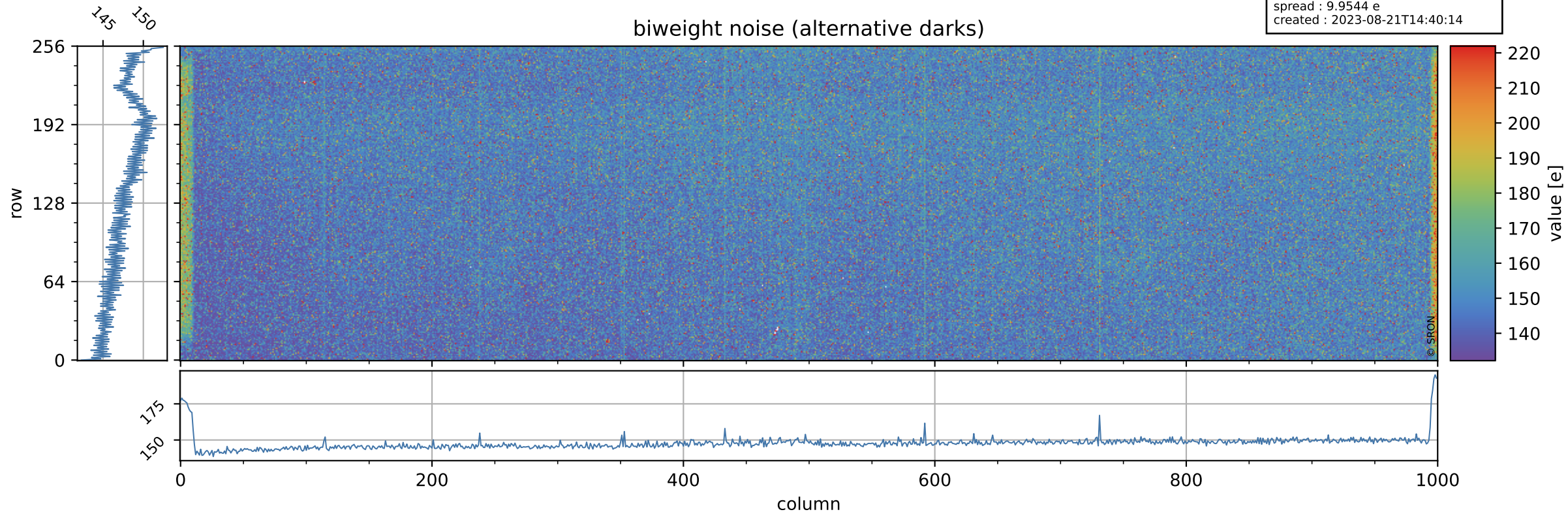
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9544 e
created : 2023-08-21T14:40:14

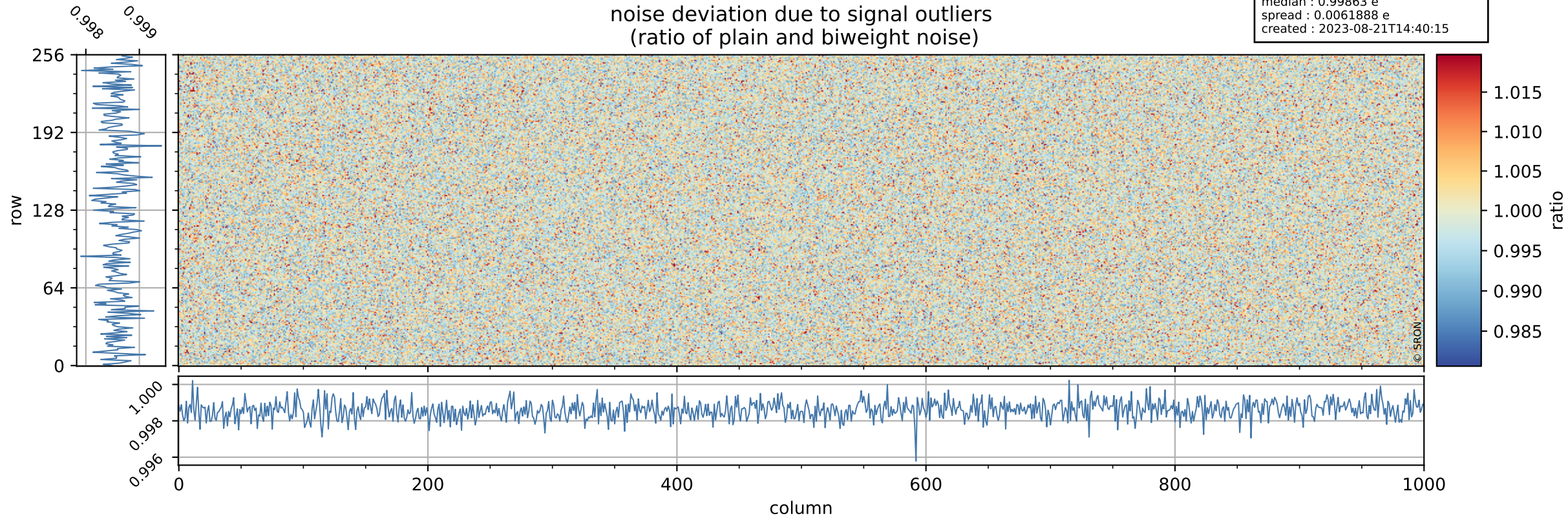
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

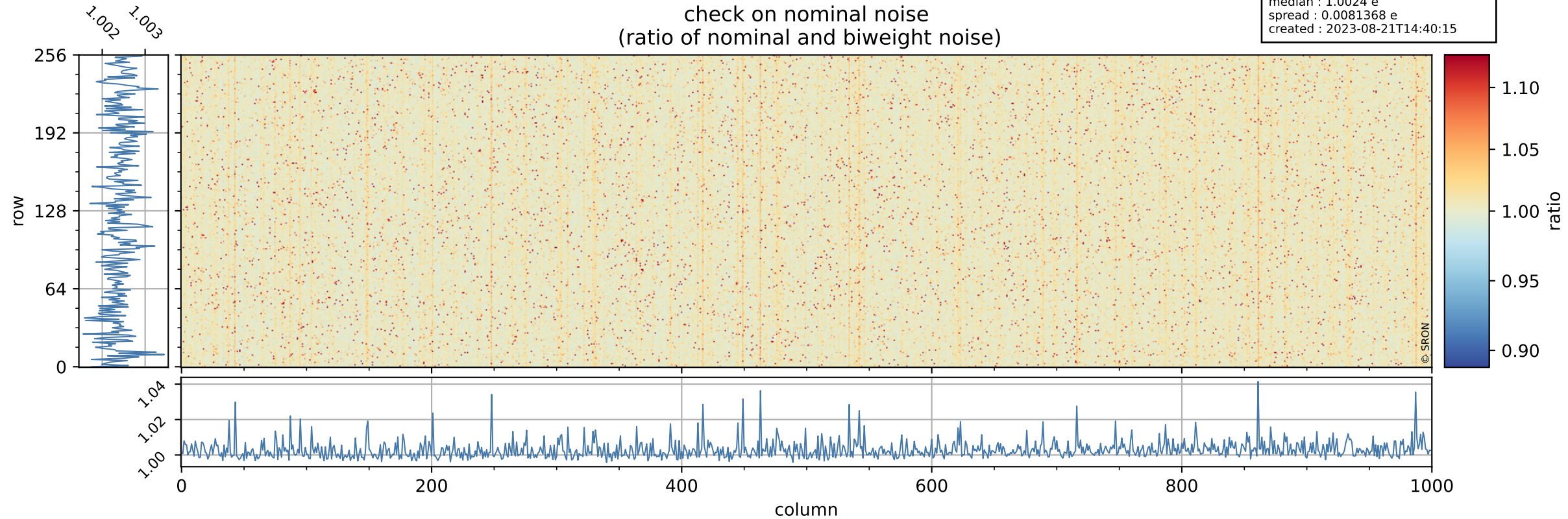
orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
median : 0.99863 e
spread : 0.0061888 e
created : 2023-08-21T14:40:15



Tropomi SWIR background noise (swir)

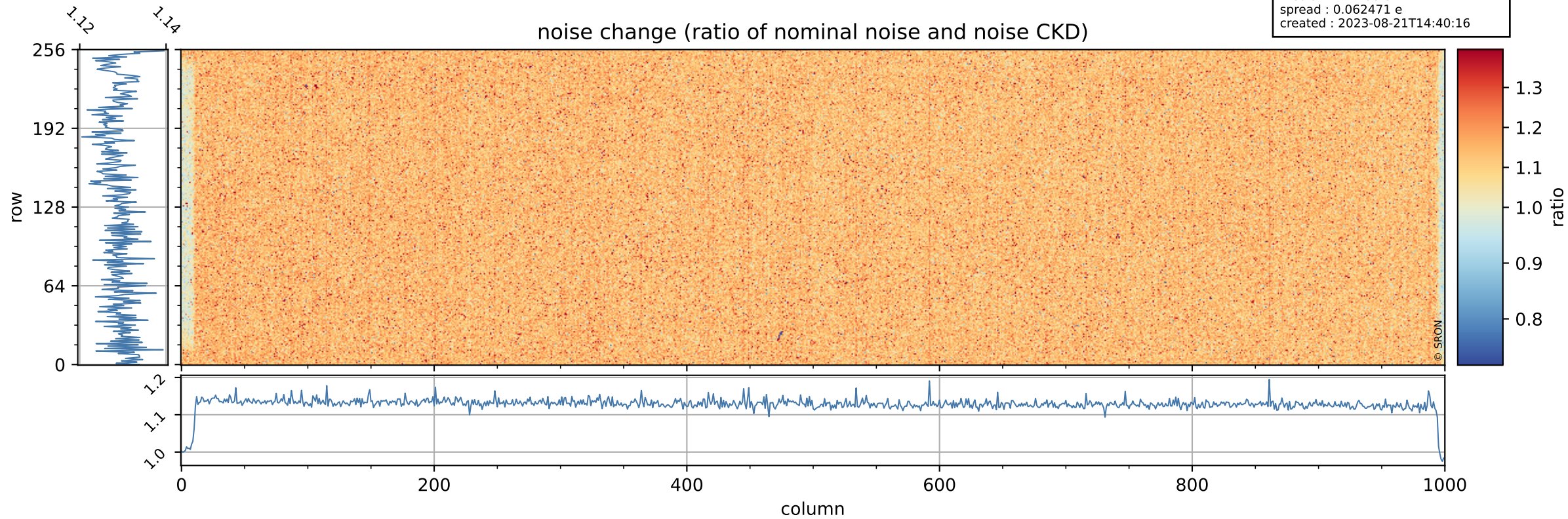
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
median : 1.0024 e
spread : 0.0081368 e
created : 2023-08-21T14:40:15



Tropomi SWIR background noise (swir)

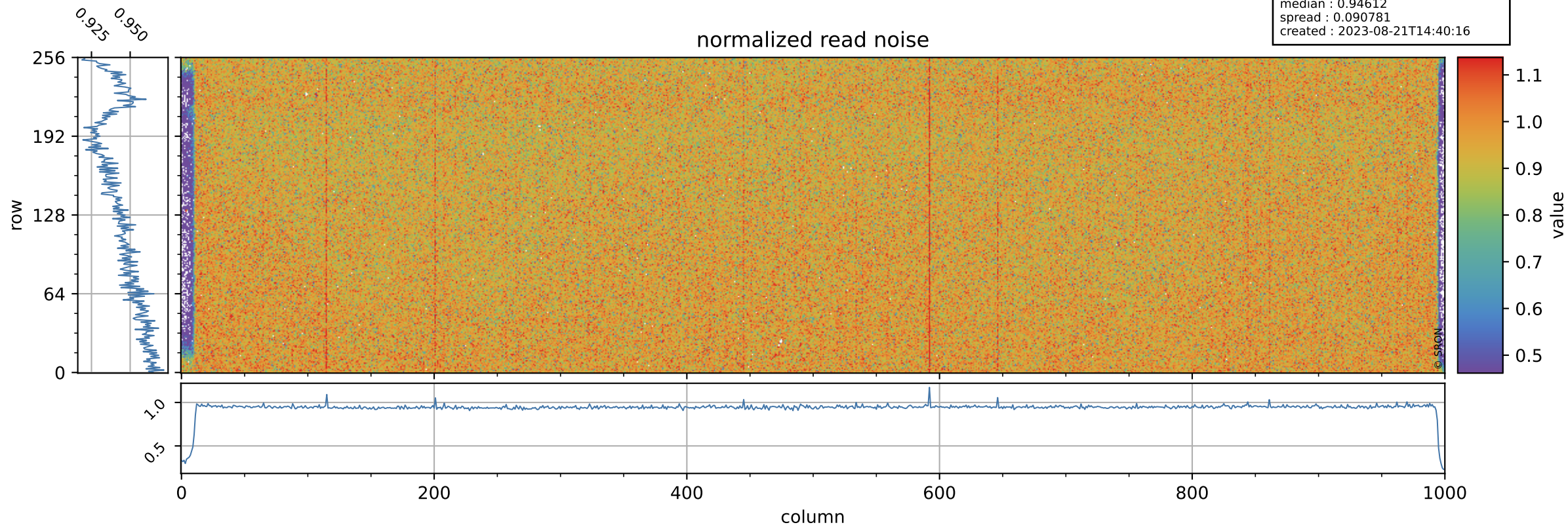
orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
median : 1.1286 e
spread : 0.062471 e
created : 2023-08-21T14:40:16



Tropomi SWIR background noise (swir)

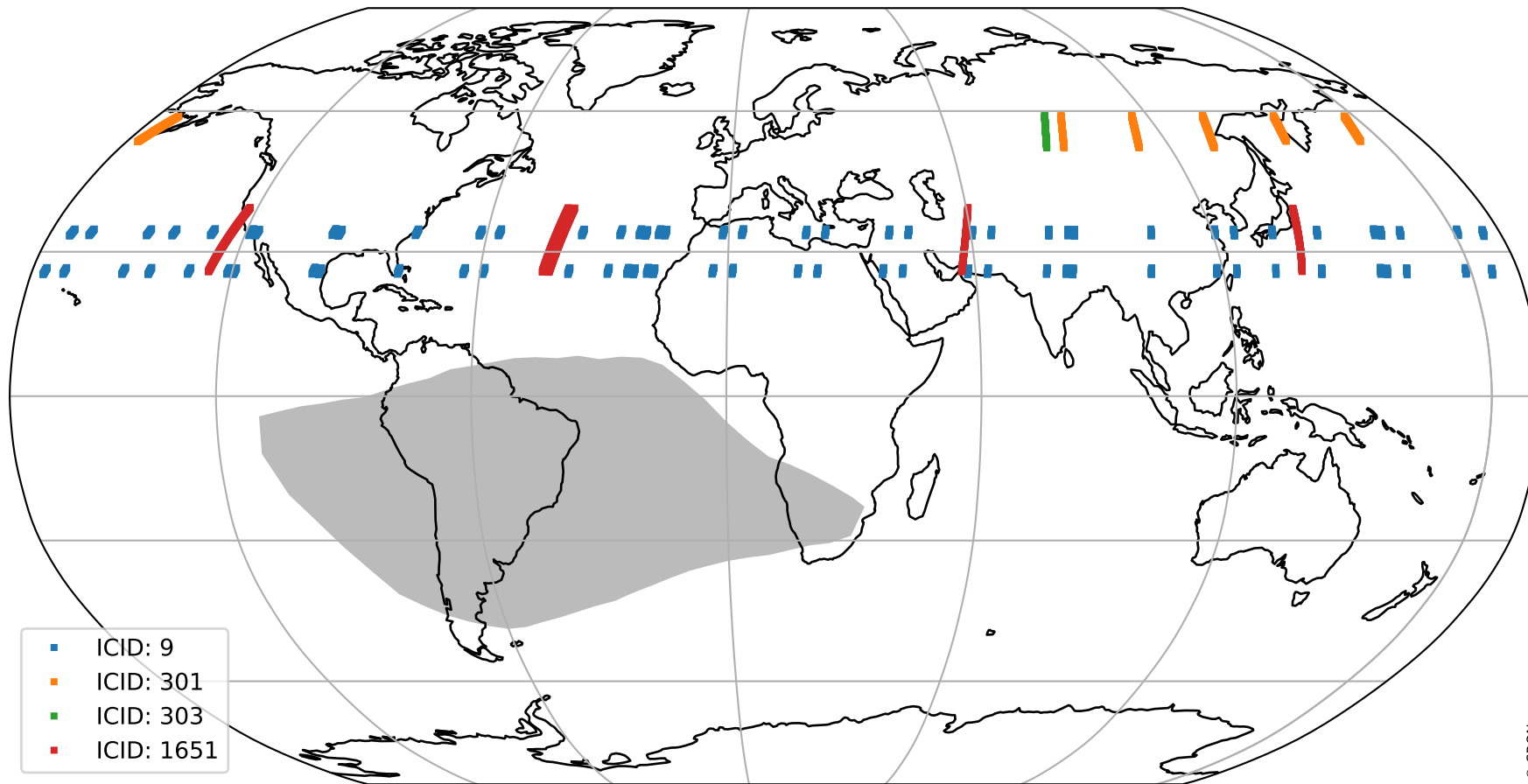
orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
median : 0.94612
spread : 0.090781
created : 2023-08-21T14:40:16

normalized read noise



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

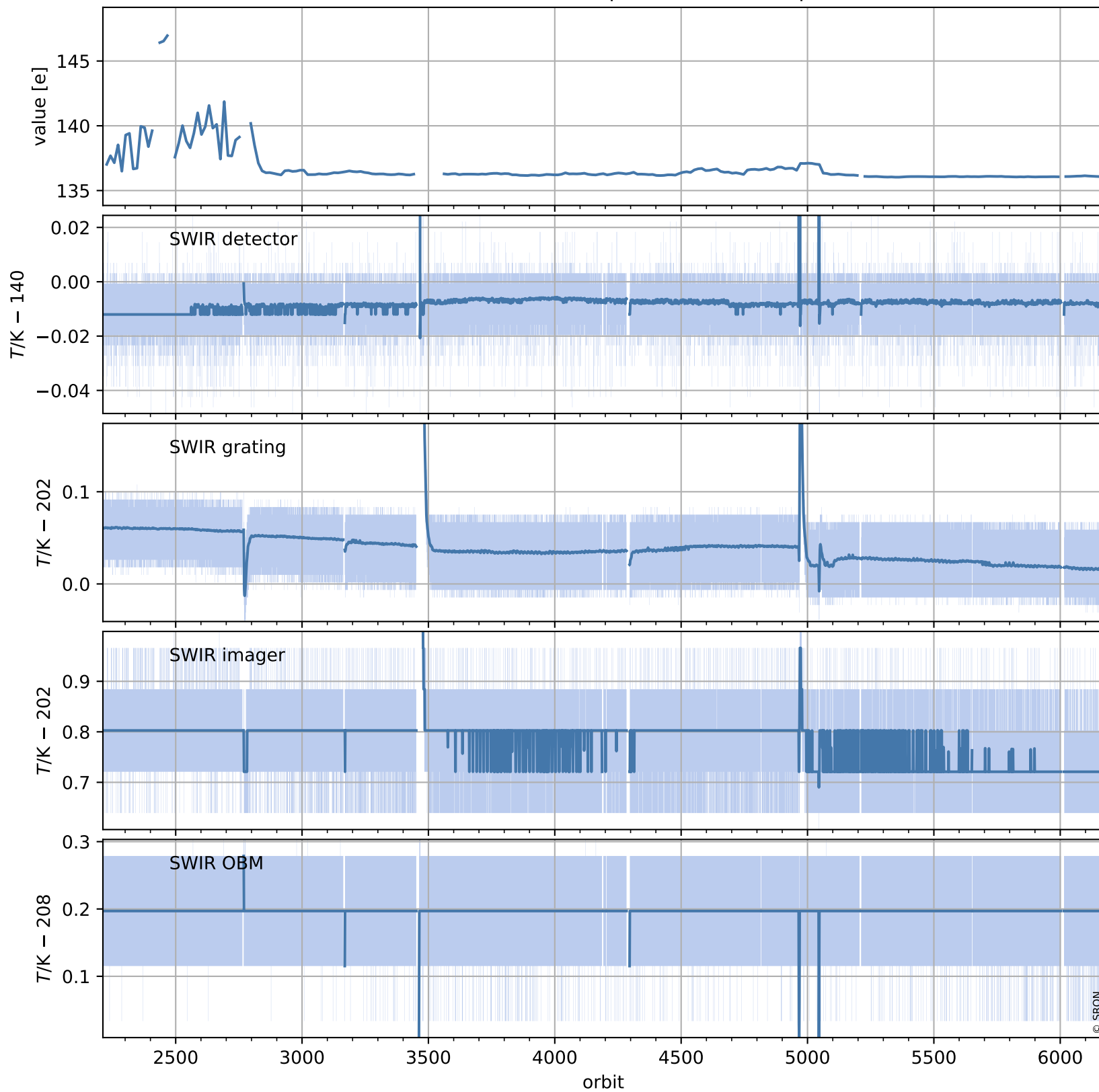
orbits : 12 in [6082, 6172]
coverage : 2018-12-16 / 2018-12-22
created : 2023-08-21T14:40:16



Tropomi SWIR background noise (swir)

orbits : [2212, 6172]
coverage : 2018-03-18 / 2018-12-22
created : 2023-08-21T14:40:17

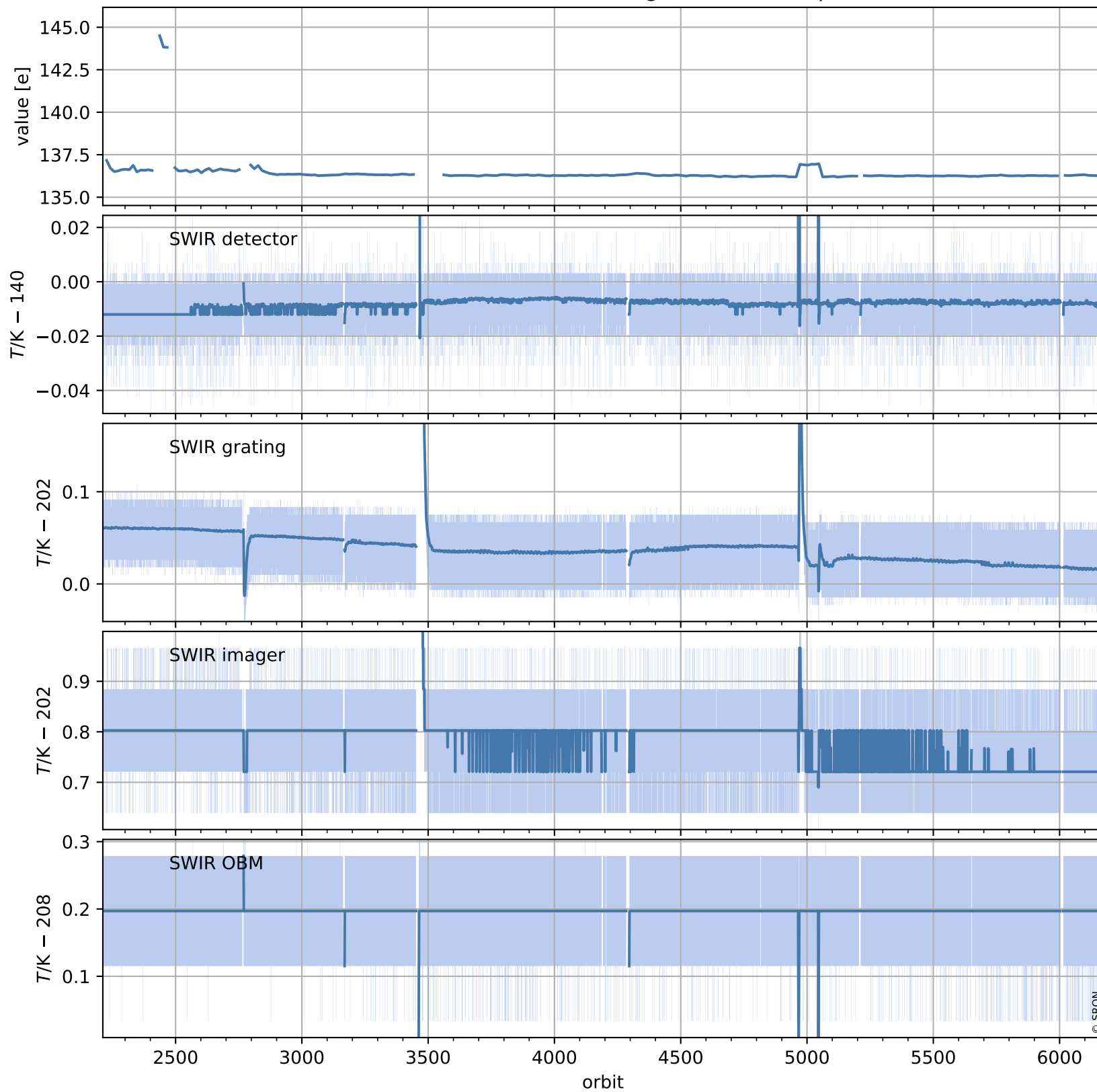
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6172]
coverage : 2018-03-18 / 2018-12-22
created : 2023-08-21T14:40:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6172]
coverage : 2018-03-18 / 2018-12-22
created : 2023-08-21T14:40:18

trend of normalized read-noise & temperatures

