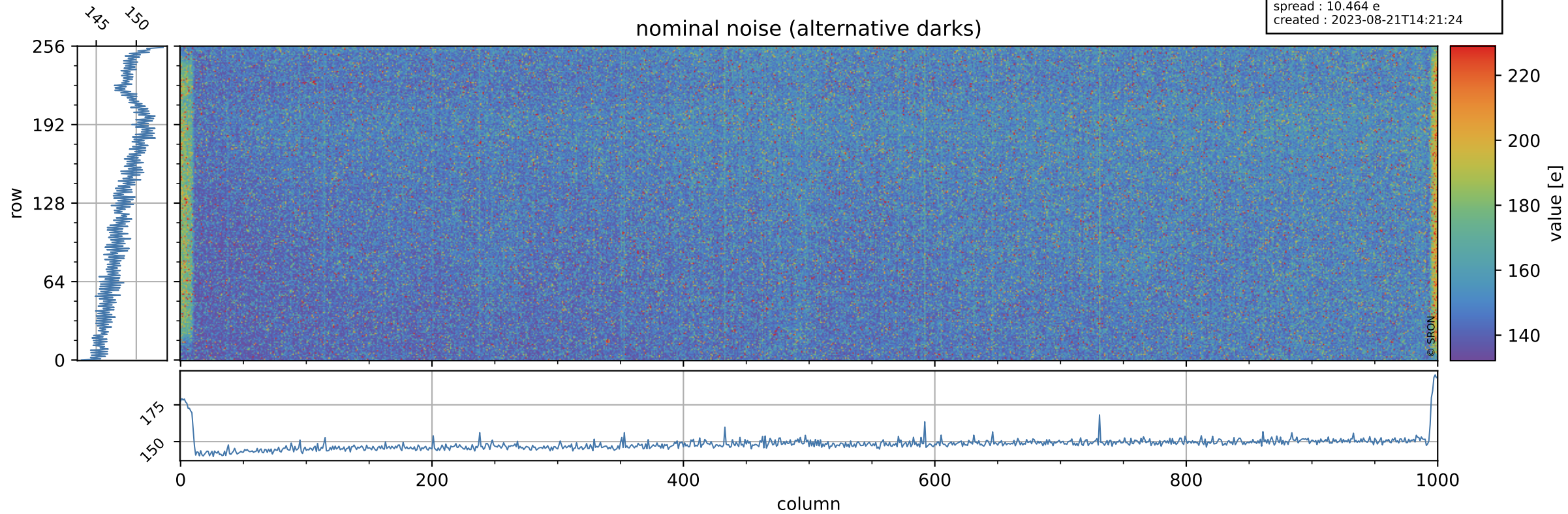


Tropomi SWIR background noise (swir)

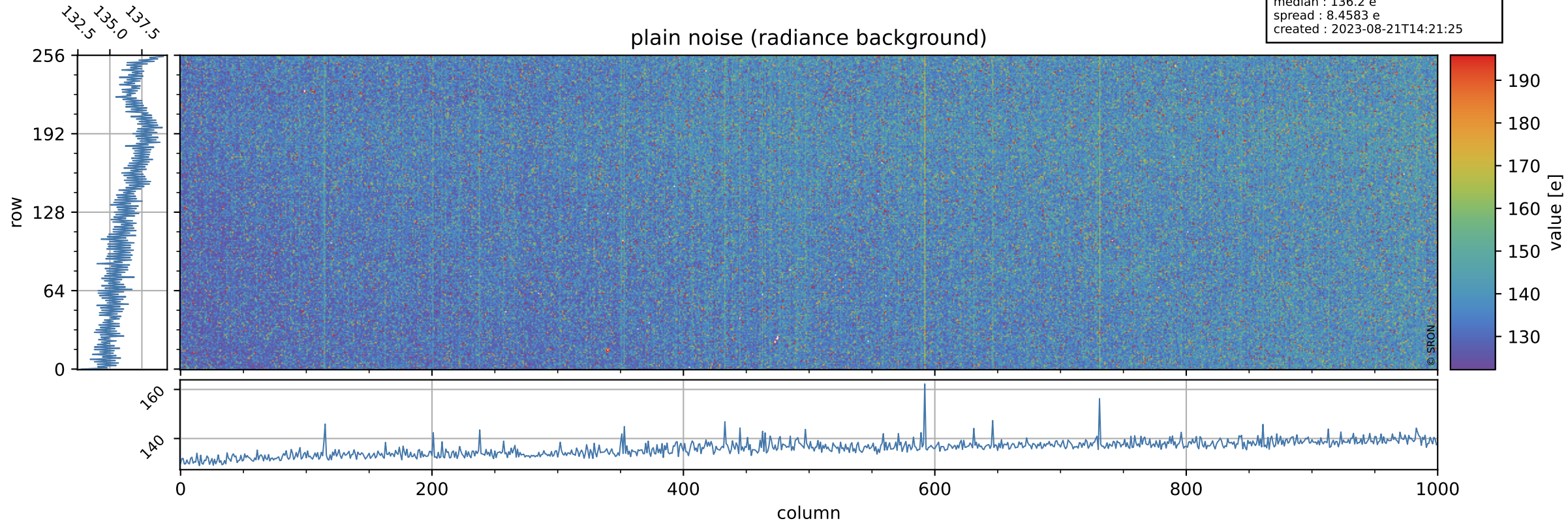
orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.464 e
created : 2023-08-21T14:21:24



Tropomi SWIR background noise (swir)

orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4583 e
created : 2023-08-21T14:21:25

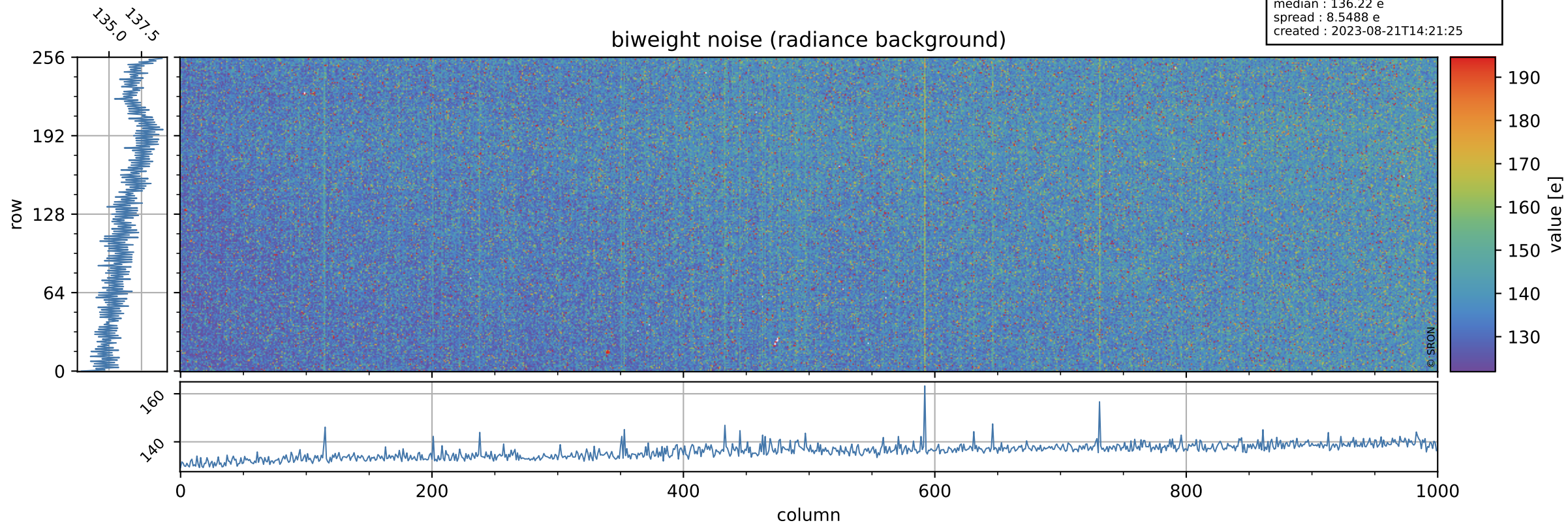
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5488 e
created : 2023-08-21T14:21:25

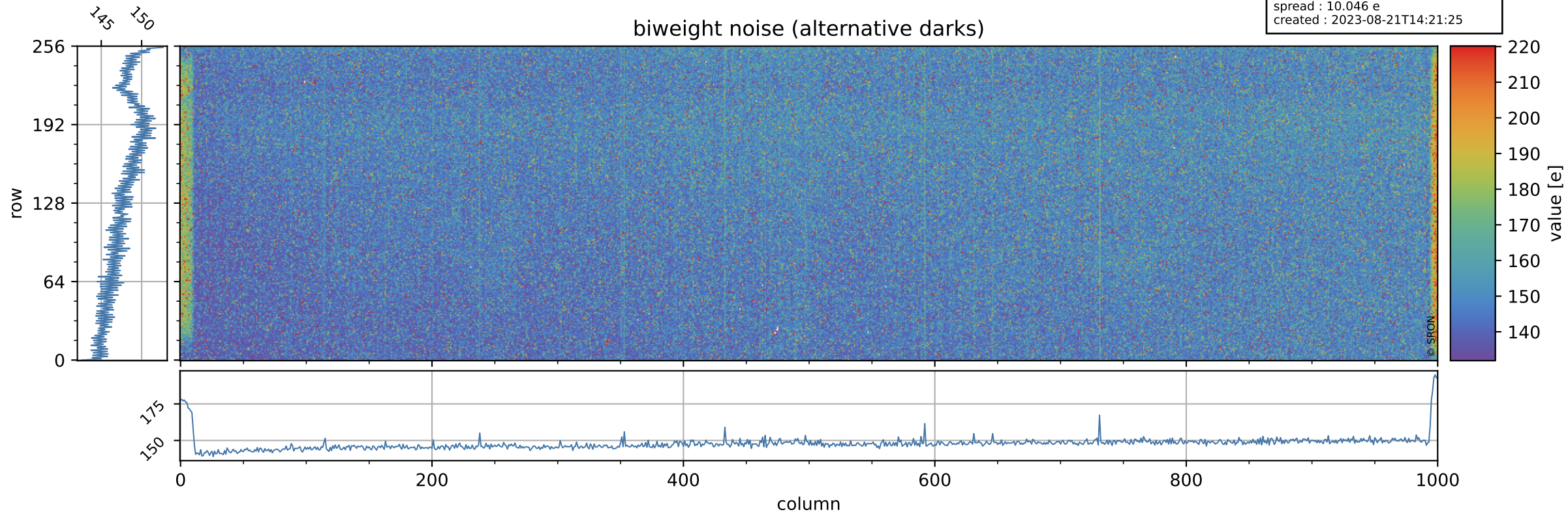
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.046 e
created : 2023-08-21T14:21:25

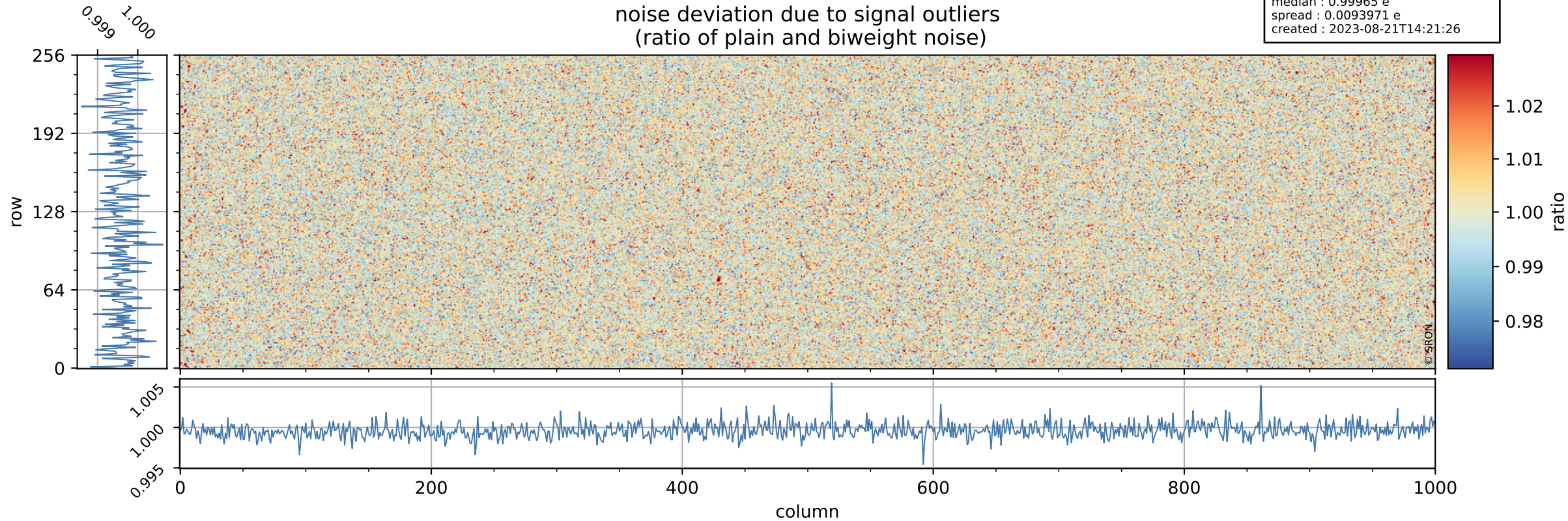
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

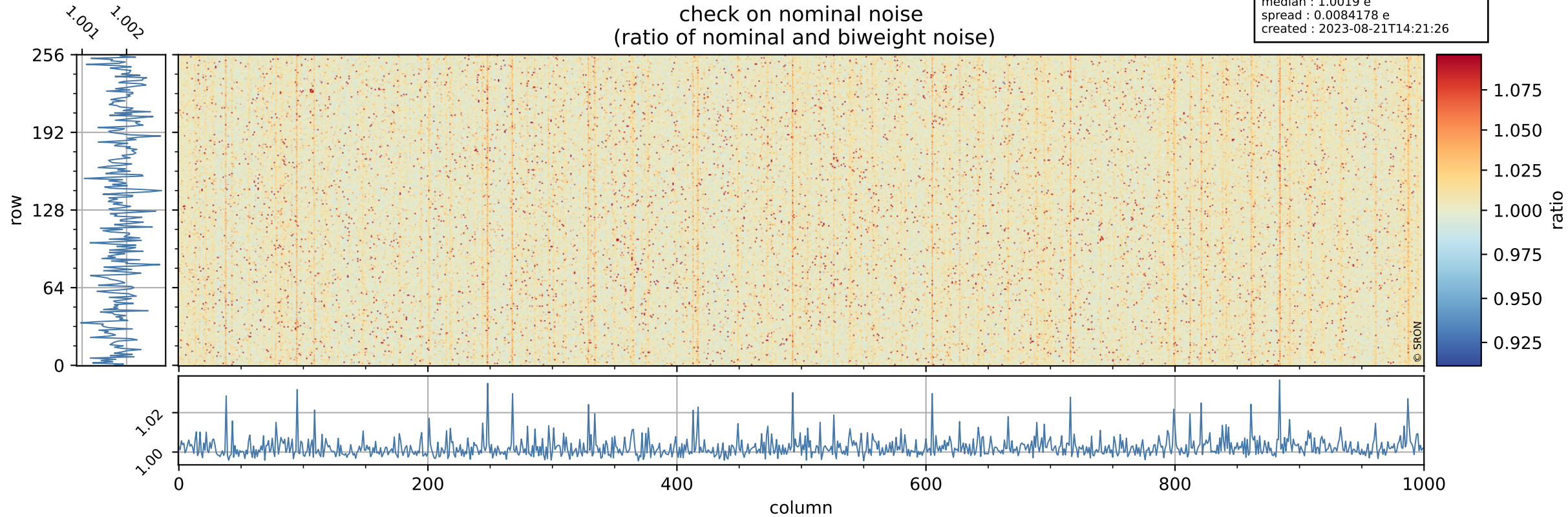
orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
median : 0.99965 e
spread : 0.0093971 e
created : 2023-08-21T14:21:26



Tropomi SWIR background noise (swir)

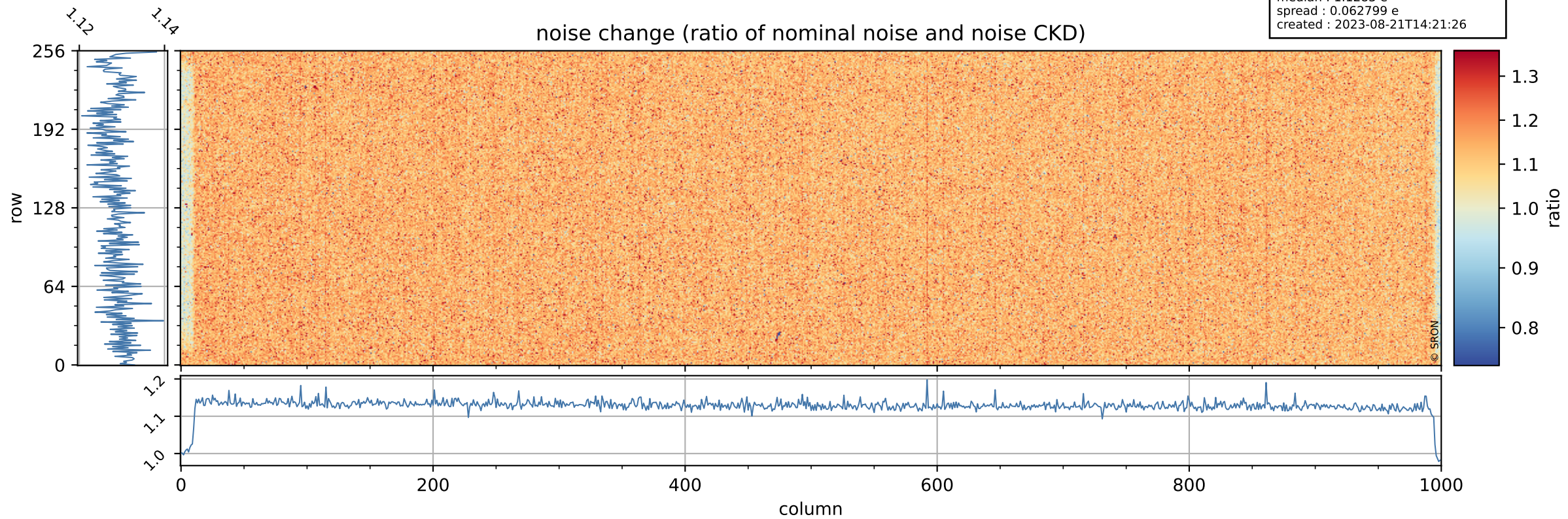
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
median : 1.0019 e
spread : 0.0084178 e
created : 2023-08-21T14:21:26



Tropomi SWIR background noise (swir)

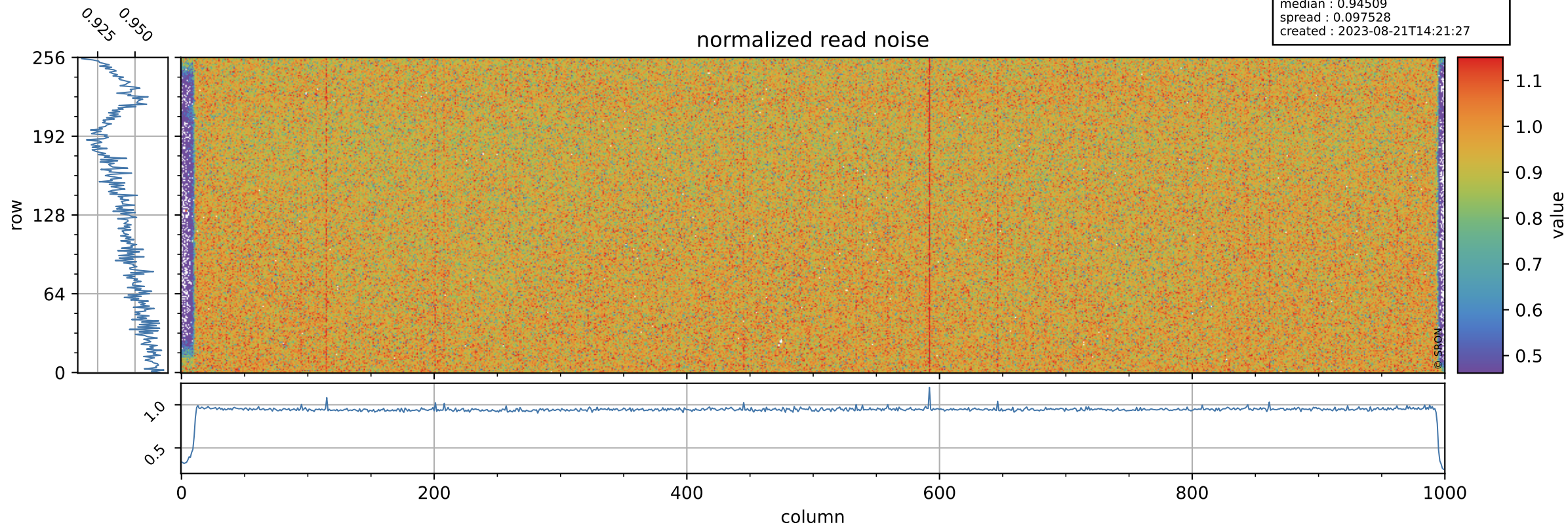
orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
median : 1.1283 e
spread : 0.062799 e
created : 2023-08-21T14:21:26



Tropomi SWIR background noise (swir)

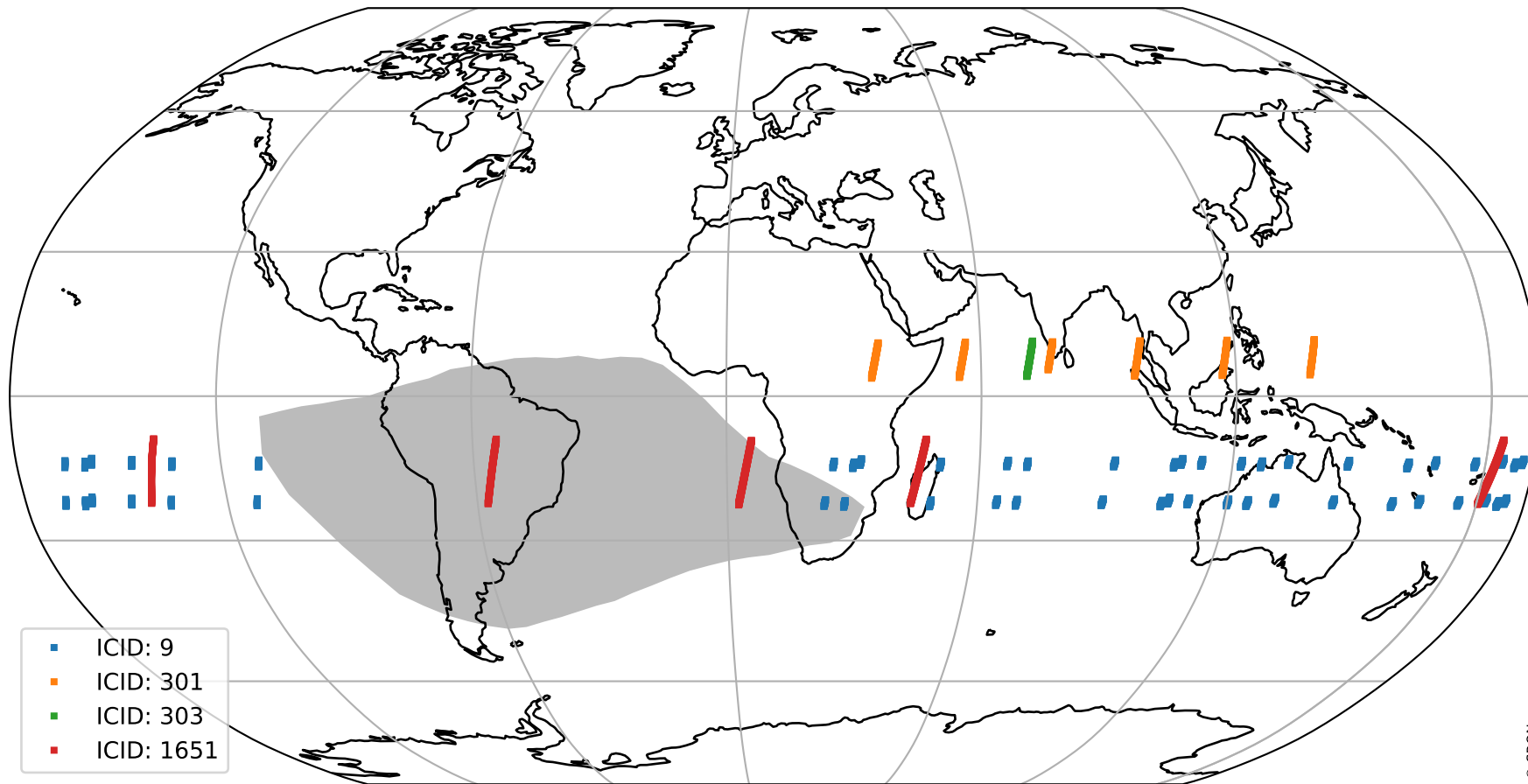
orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
median : 0.94509
spread : 0.097528
created : 2023-08-21T14:21:27

normalized read noise



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

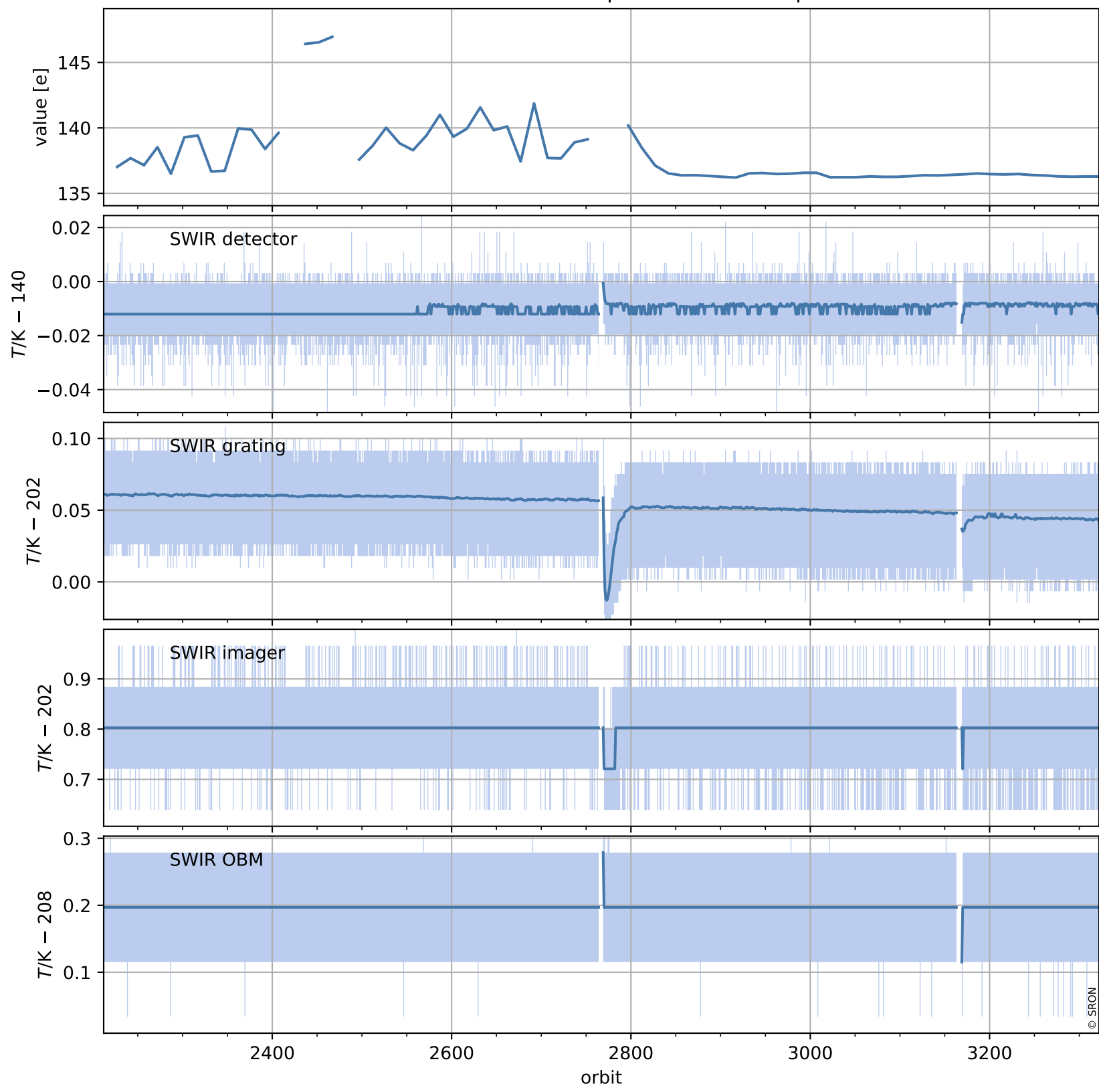
orbits : 12 in [3232, 3322]
coverage : 2018-05-29 / 2018-06-04
created : 2023-08-21T14:21:27



Tropomi SWIR background noise (swir)

orbits : [2212, 3322]
coverage : 2018-03-18 / 2018-06-04
created : 2023-08-21T14:21:27

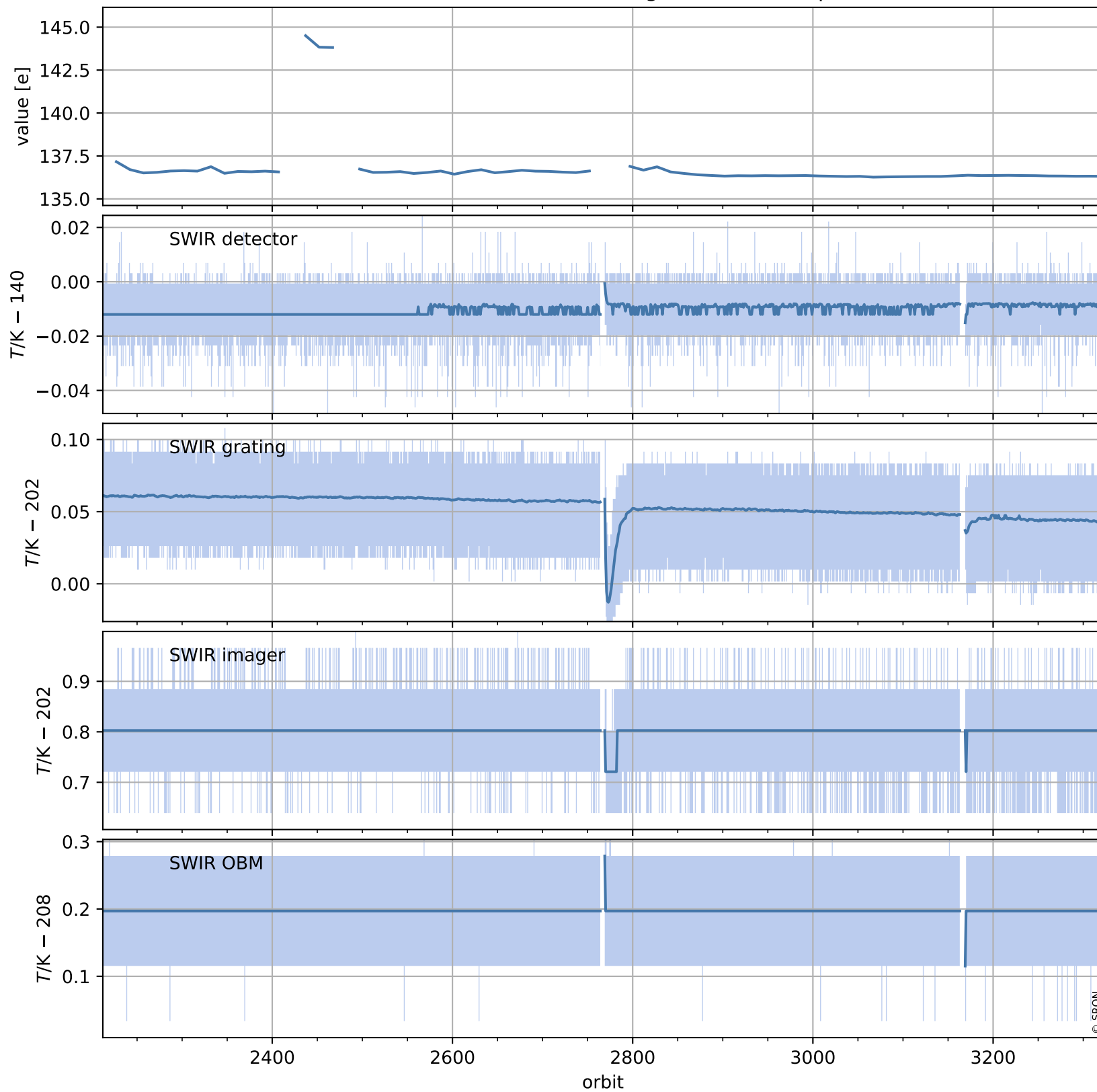
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3322]
coverage : 2018-03-18 / 2018-06-04
created : 2023-08-21T14:21:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3322]
coverage : 2018-03-18 / 2018-06-04
created : 2023-08-21T14:21:28

trend of normalized read-noise & temperatures

