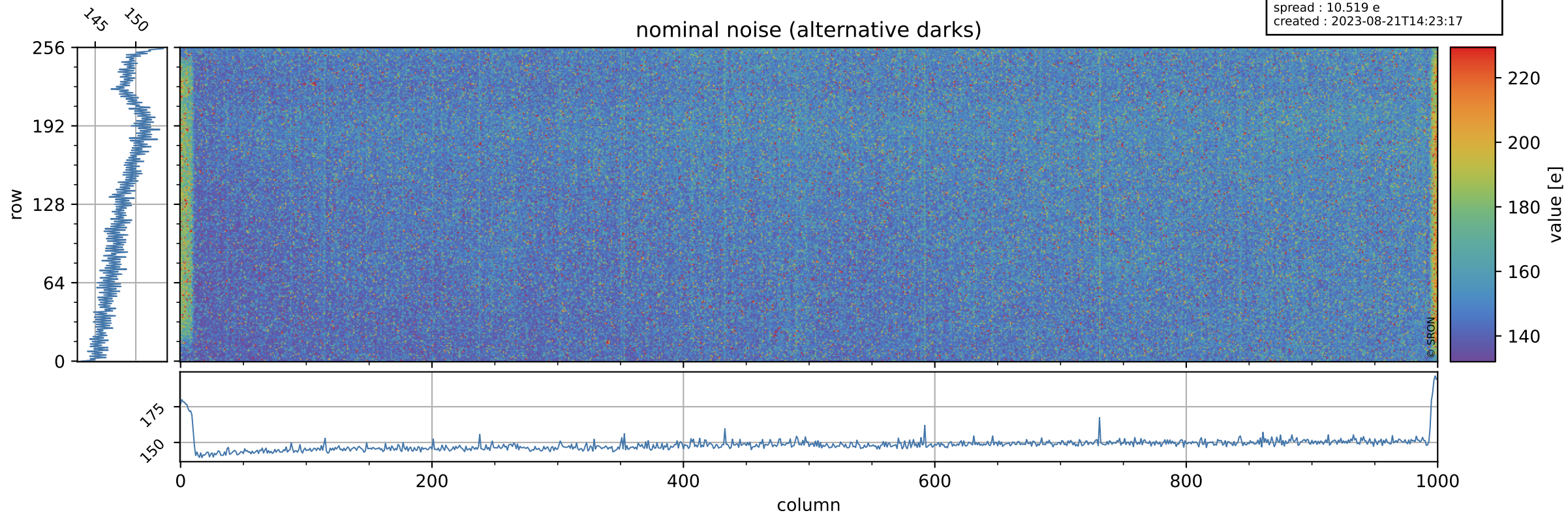


Tropomi SWIR background noise (swir)

orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.519 e
created : 2023-08-21T14:23:17

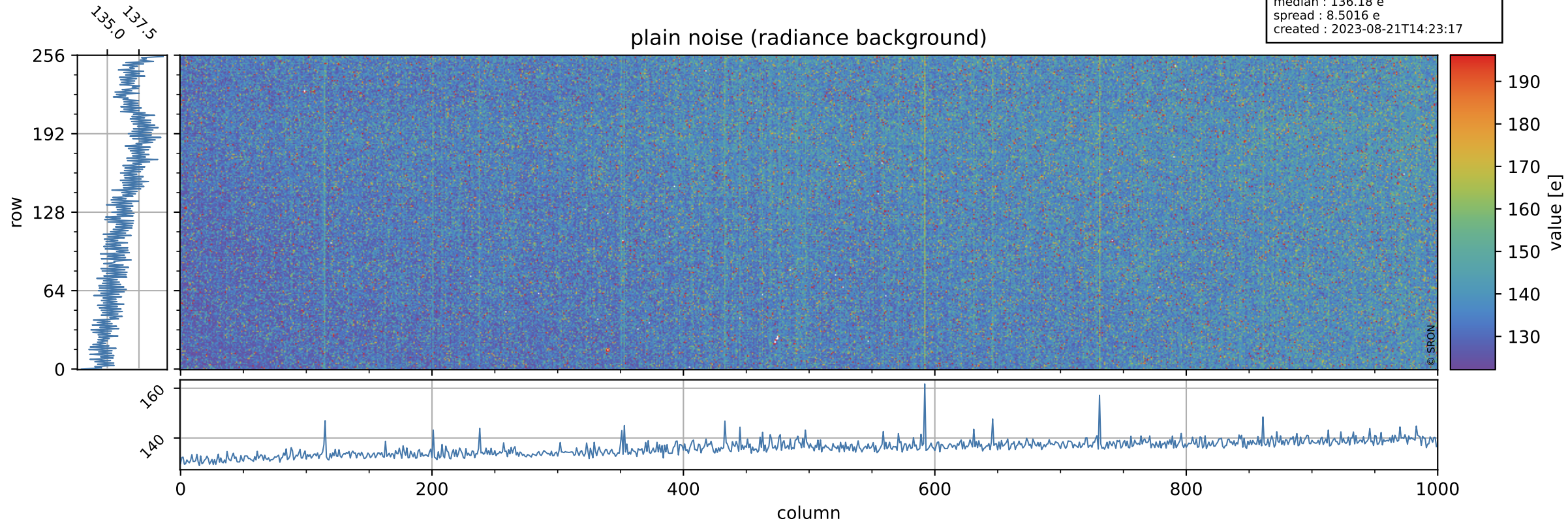
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.5016 e
created : 2023-08-21T14:23:17

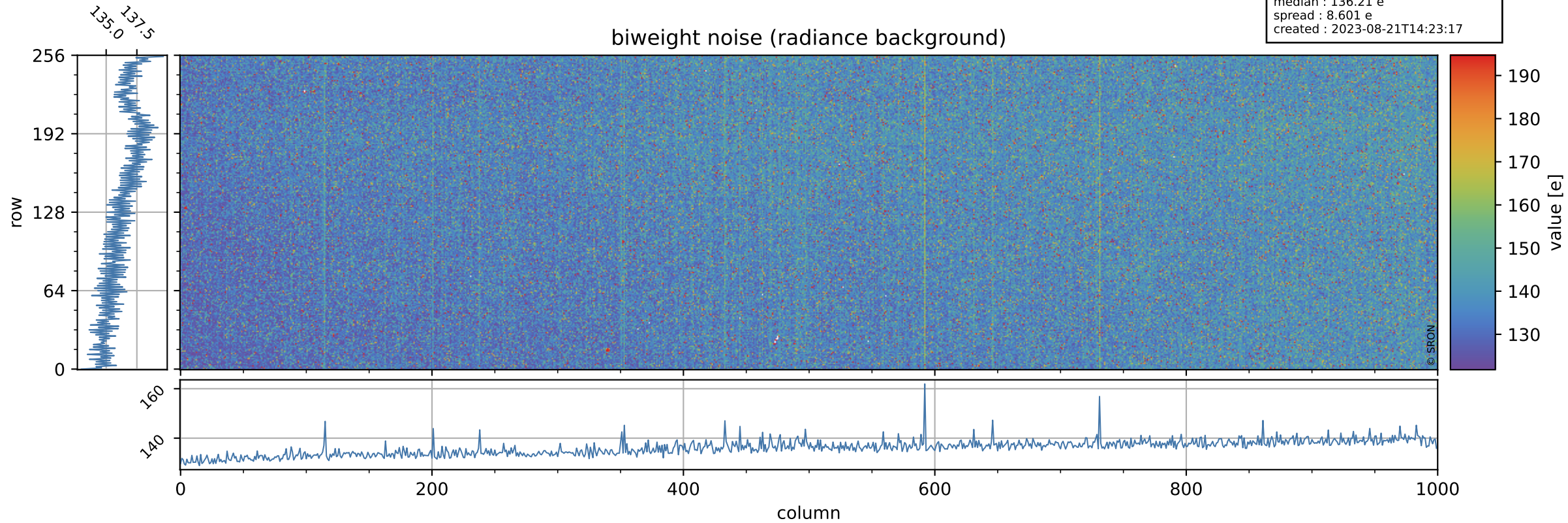
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.601 e
created : 2023-08-21T14:23:17

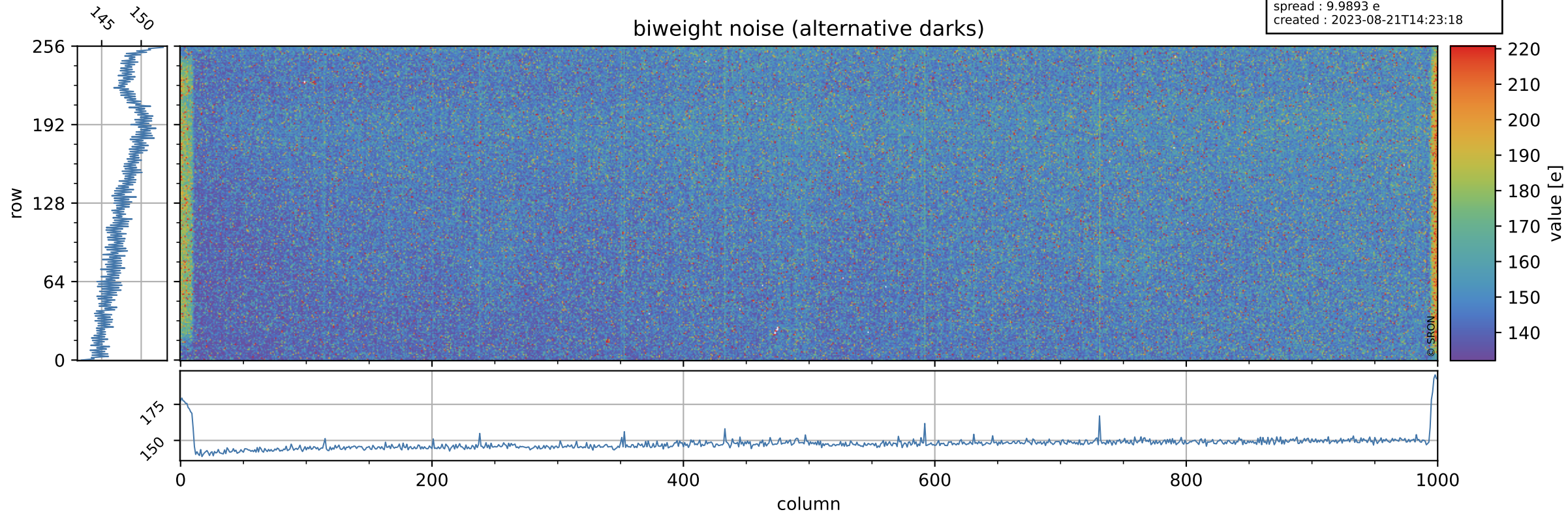
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9893 e
created : 2023-08-21T14:23:18

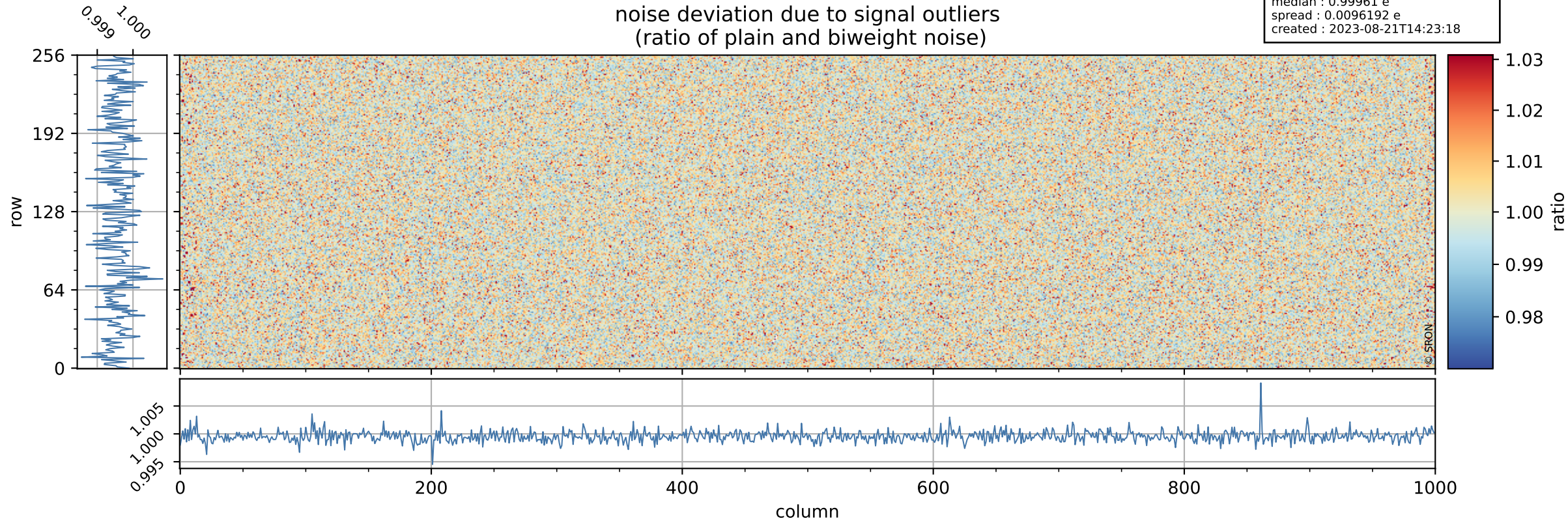
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

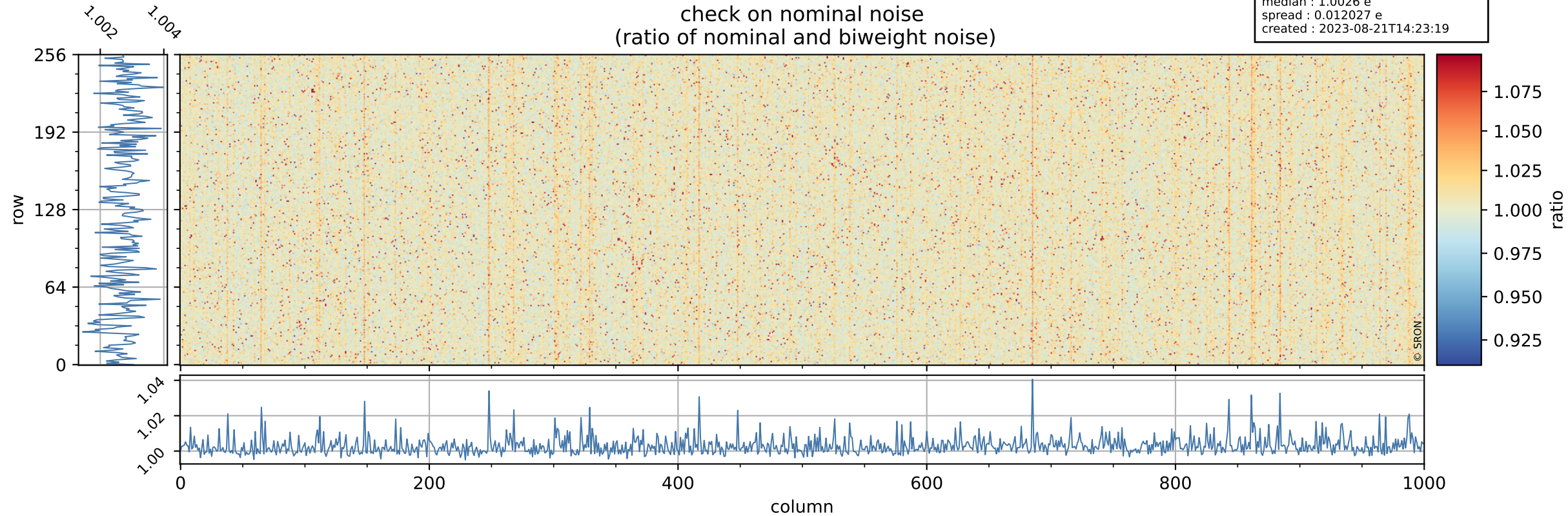
orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
median : 0.99961 e
spread : 0.0096192 e
created : 2023-08-21T14:23:18



Tropomi SWIR background noise (swir)

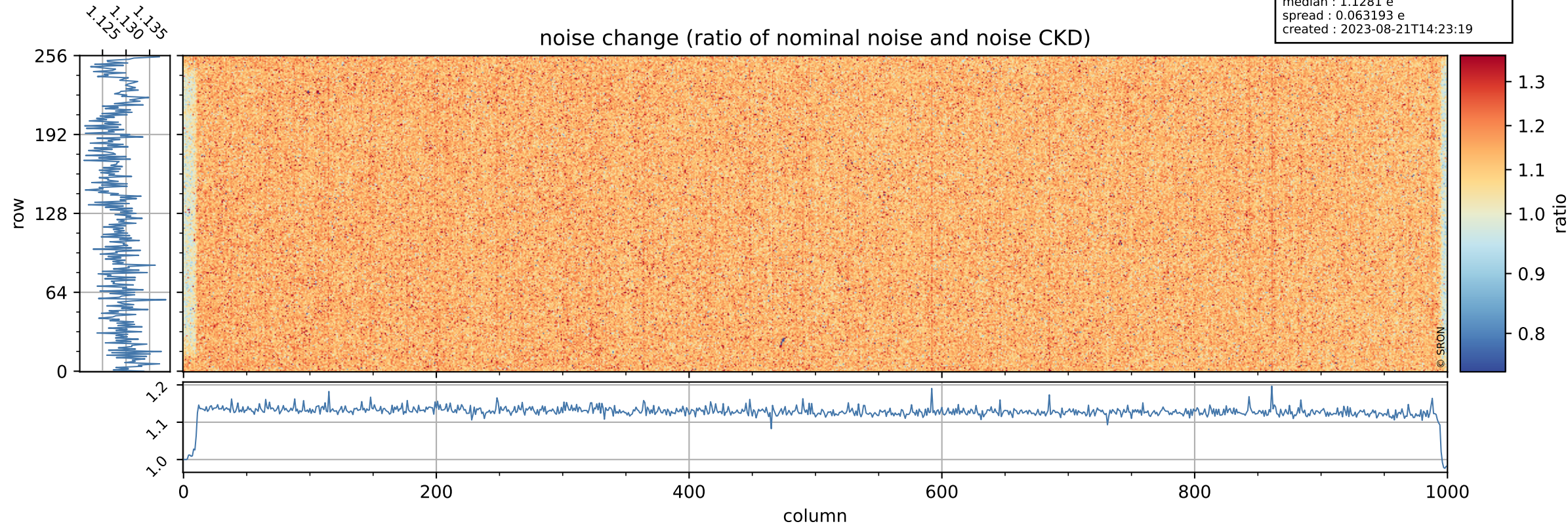
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
median : 1.0026 e
spread : 0.012027 e
created : 2023-08-21T14:23:19



Tropomi SWIR background noise (swir)

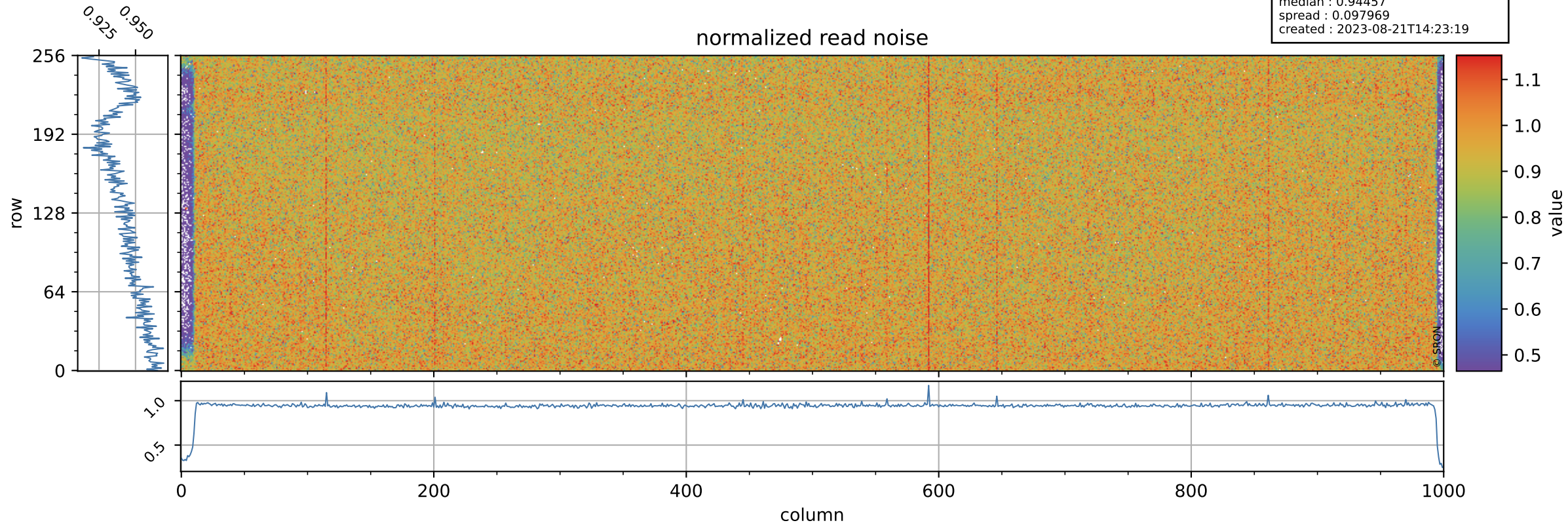
orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
median : 1.1281 e
spread : 0.063193 e
created : 2023-08-21T14:23:19



Tropomi SWIR background noise (swir)

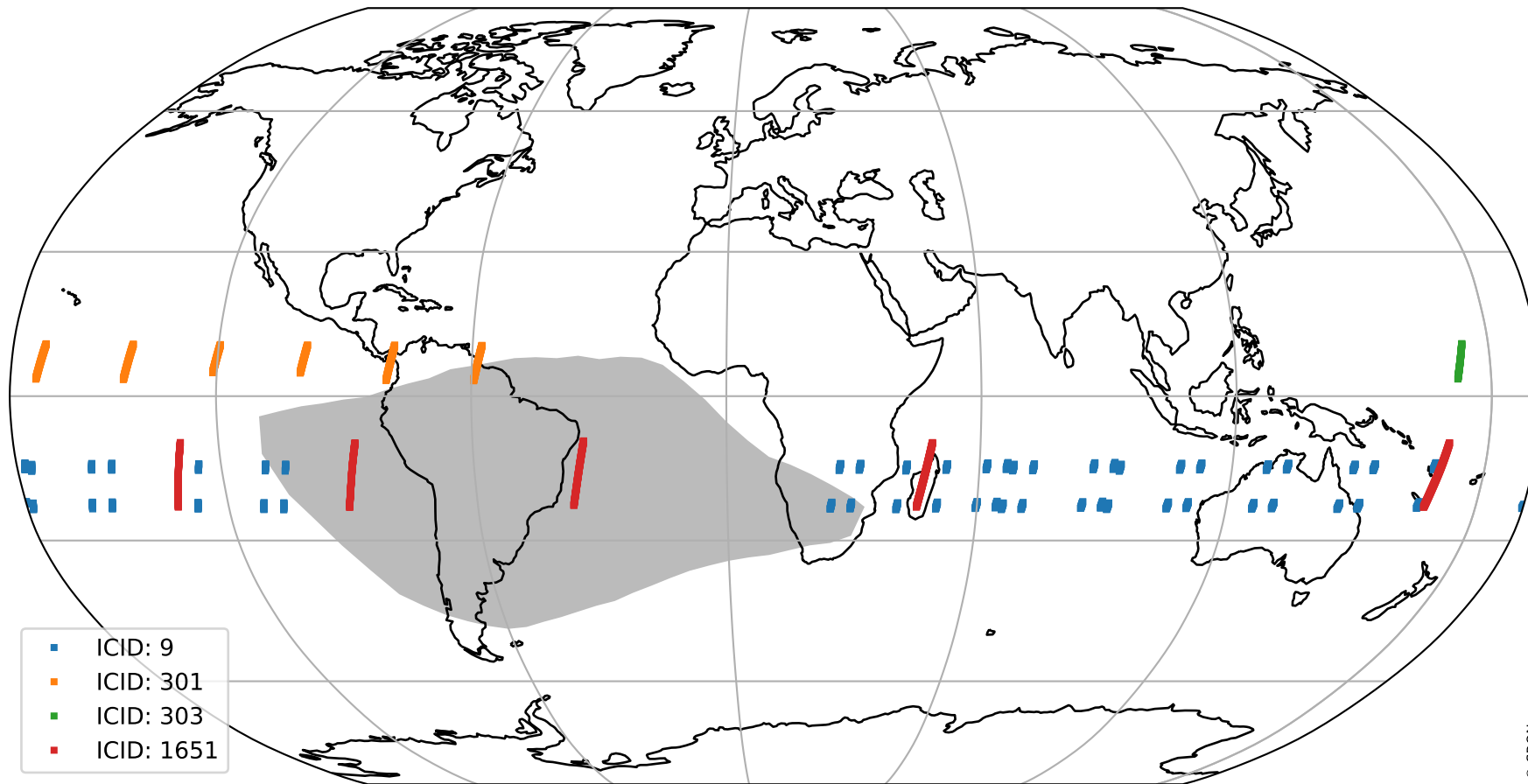
orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
median : 0.94457
spread : 0.097969
created : 2023-08-21T14:23:19

normalized read noise



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

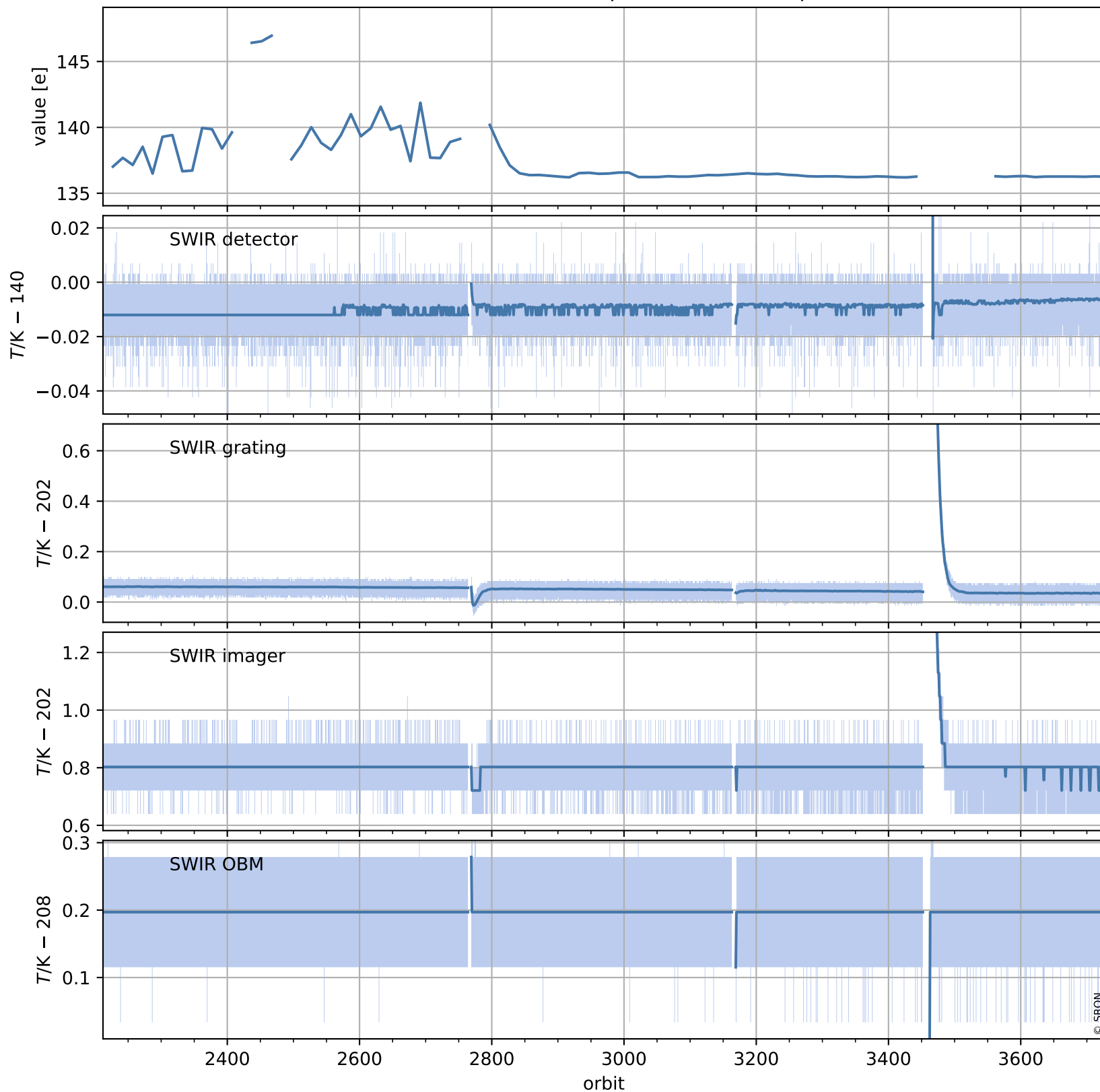
orbits : 12 in [3637, 3727]
coverage : 2018-06-27 / 2018-07-03
created : 2023-08-21T14:23:19



Tropomi SWIR background noise (swir)

orbits : [2212, 3727]
coverage : 2018-03-18 / 2018-07-03
created : 2023-08-21T14:23:20

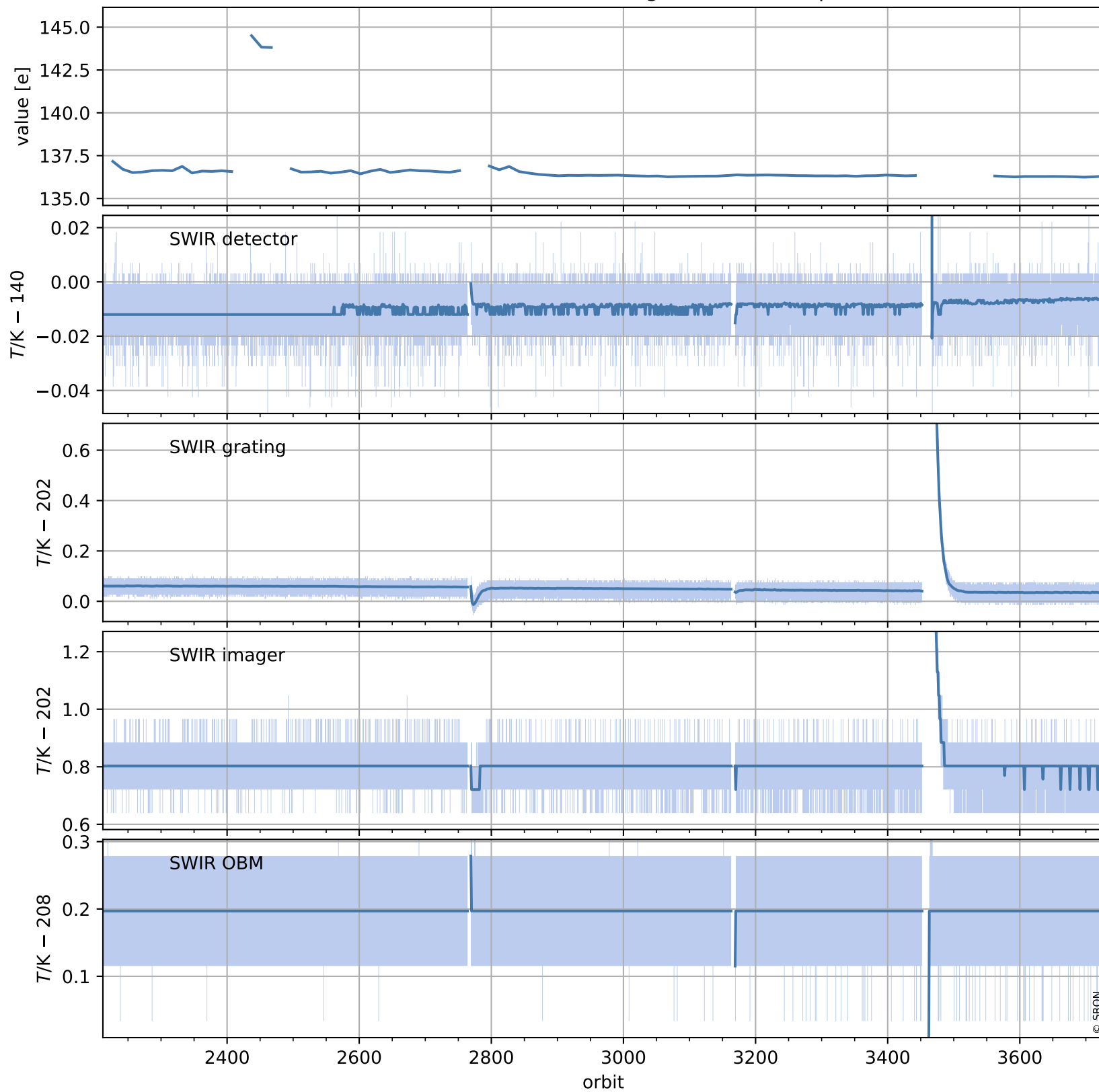
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3727]
coverage : 2018-03-18 / 2018-07-03
created : 2023-08-21T14:23:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3727]
coverage : 2018-03-18 / 2018-07-03
created : 2023-08-21T14:23:21

trend of normalized read-noise & temperatures

