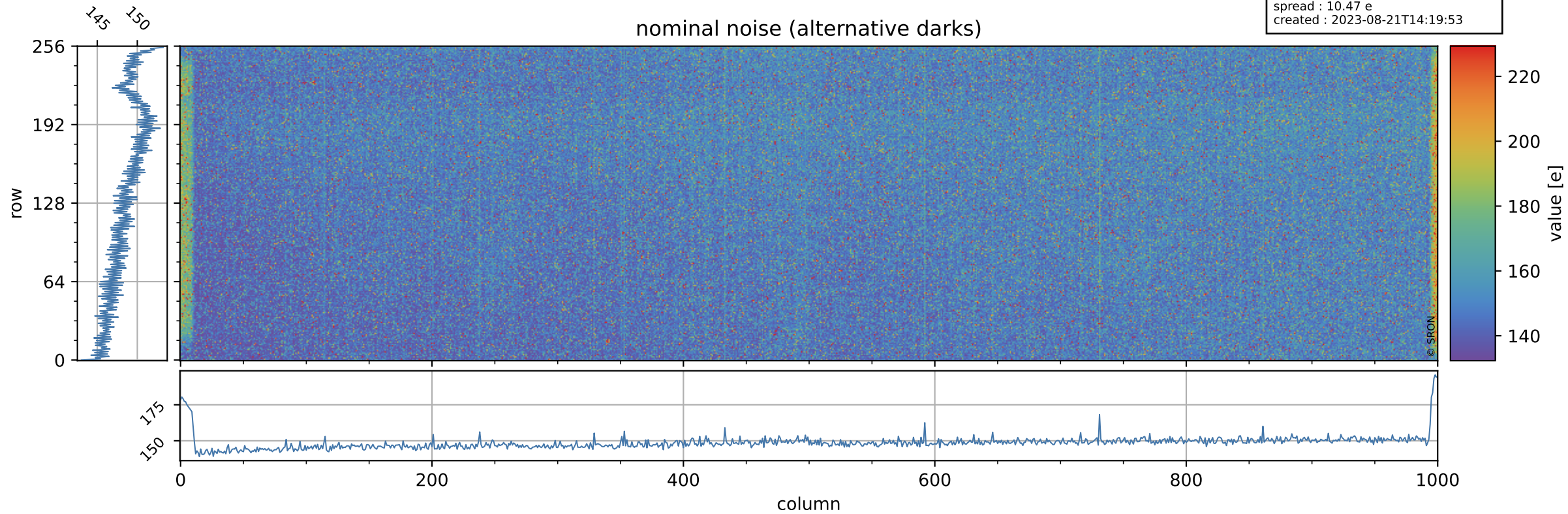


Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.47 e
created : 2023-08-21T14:19:53

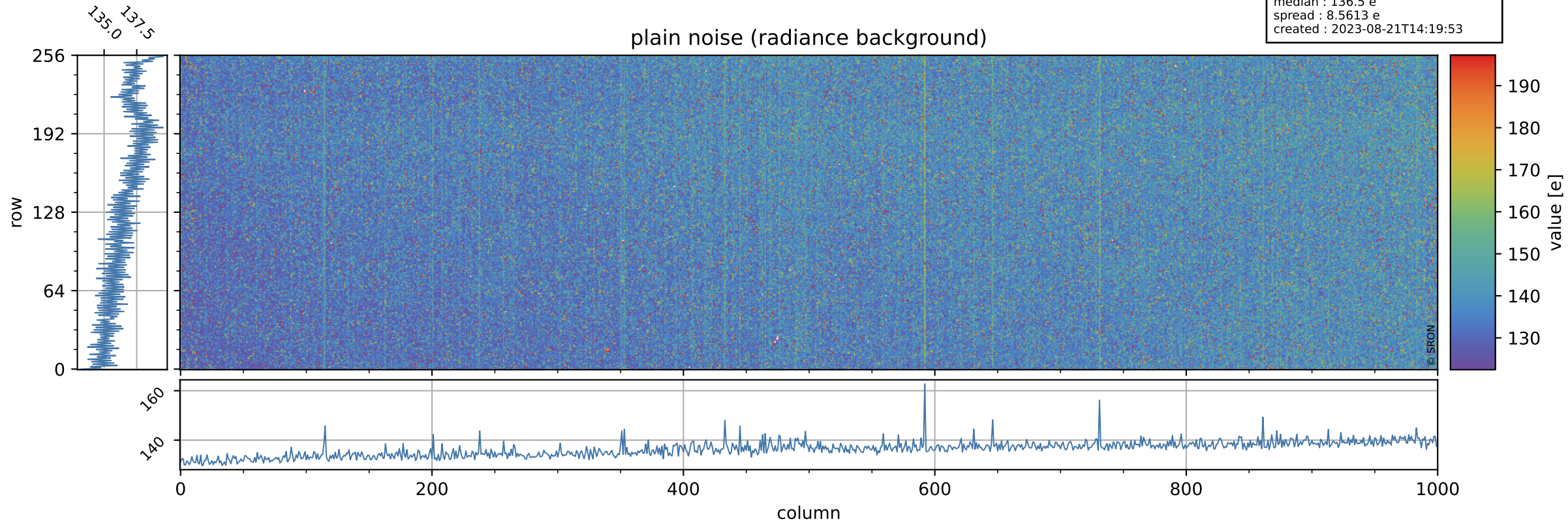
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
n_coad, t_exp : 2, 0.5383
median : 136.5 e
spread : 8.5613 e
created : 2023-08-21T14:19:53

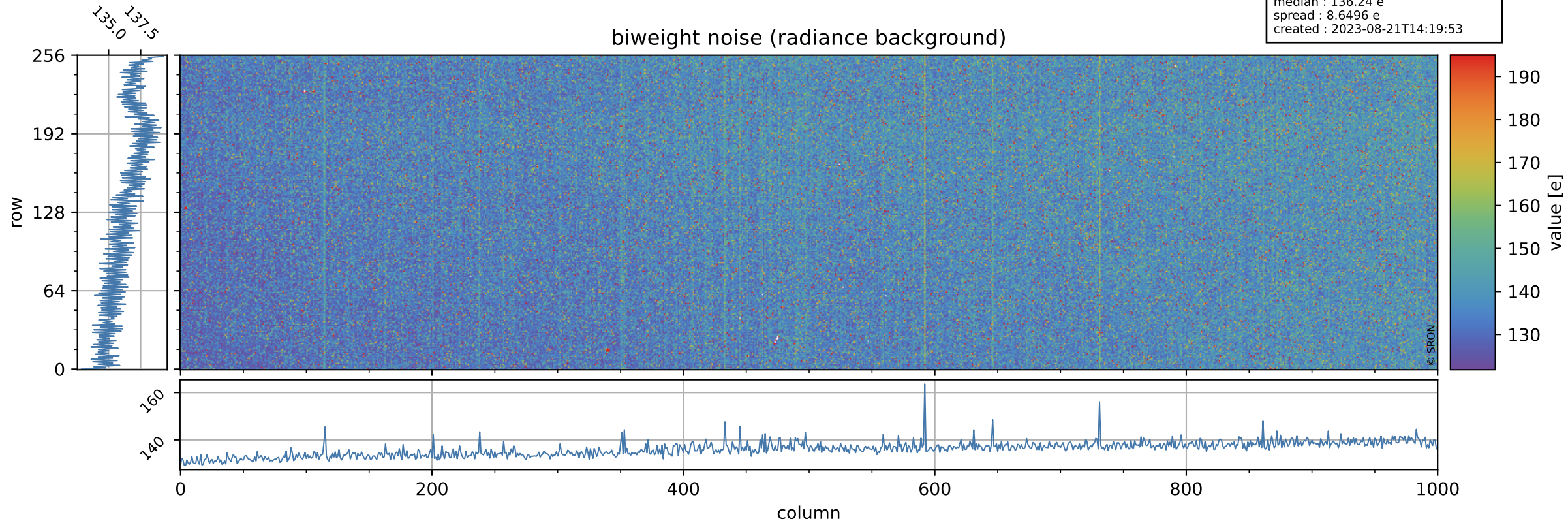
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.6496 e
created : 2023-08-21T14:19:53

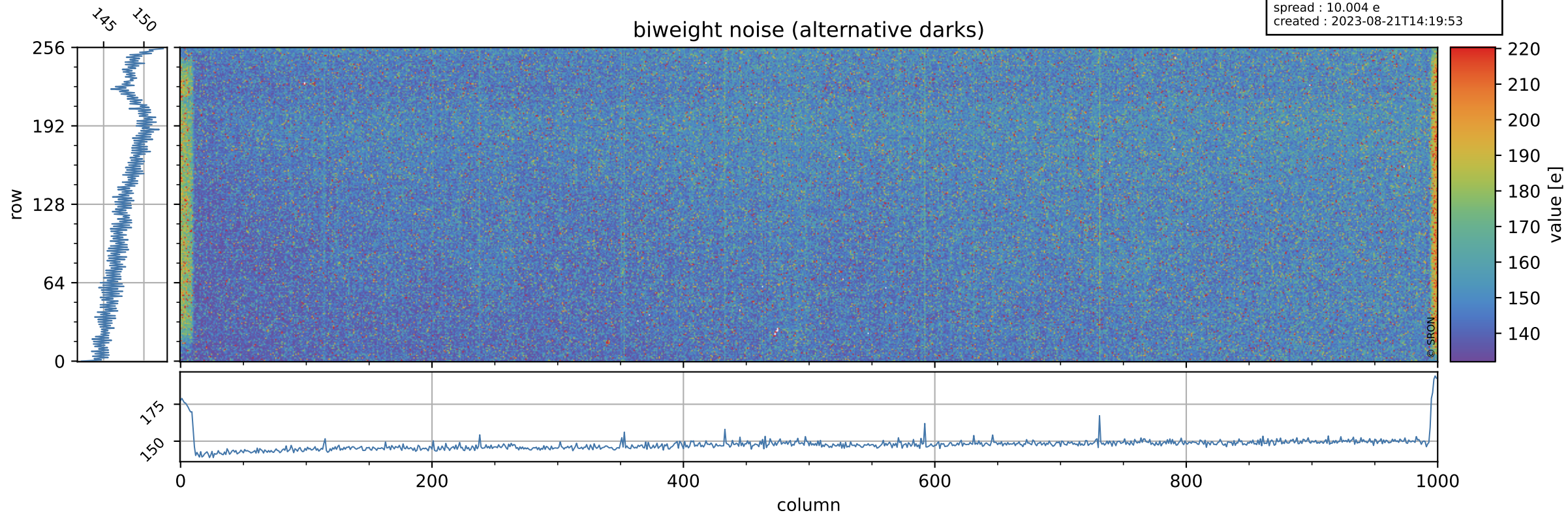
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.004 e
created : 2023-08-21T14:19:53

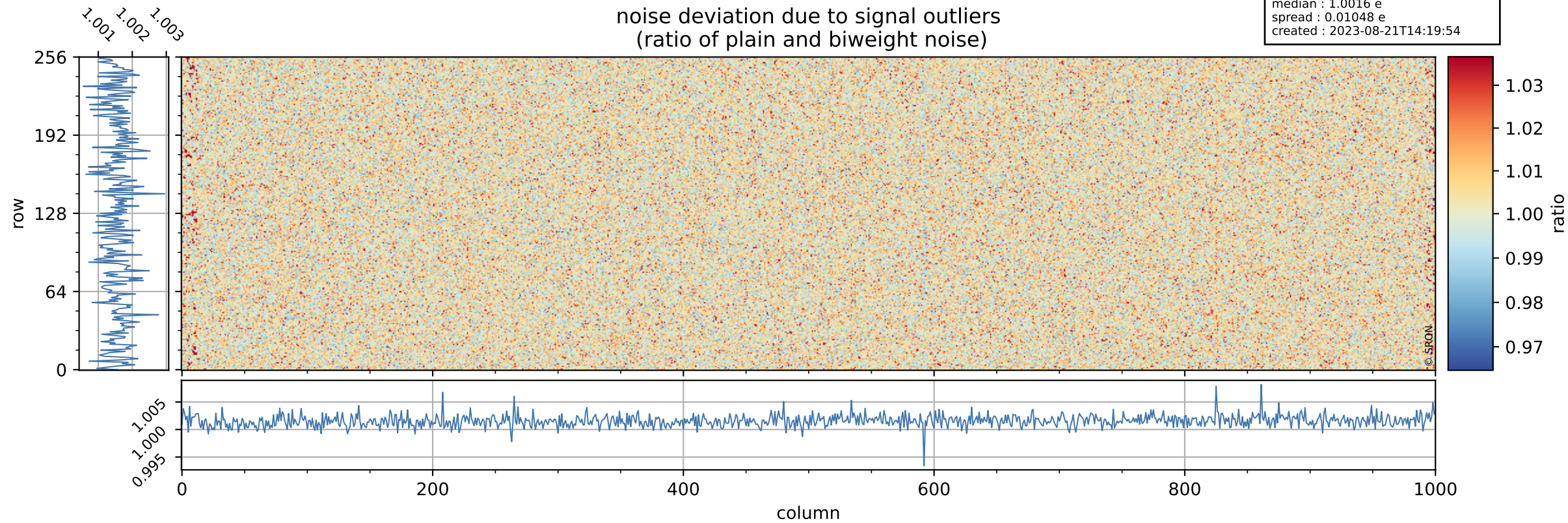
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

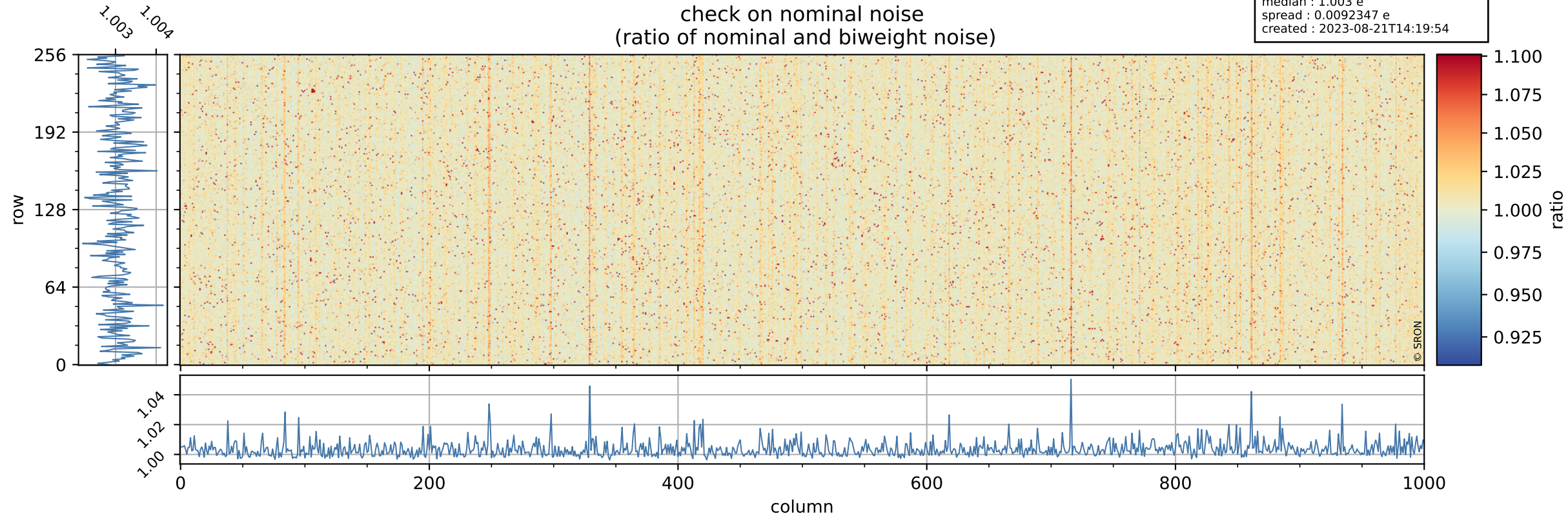
orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
median : 1.0016 e
spread : 0.01048 e
created : 2023-08-21T14:19:54



Tropomi SWIR background noise (swir)

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

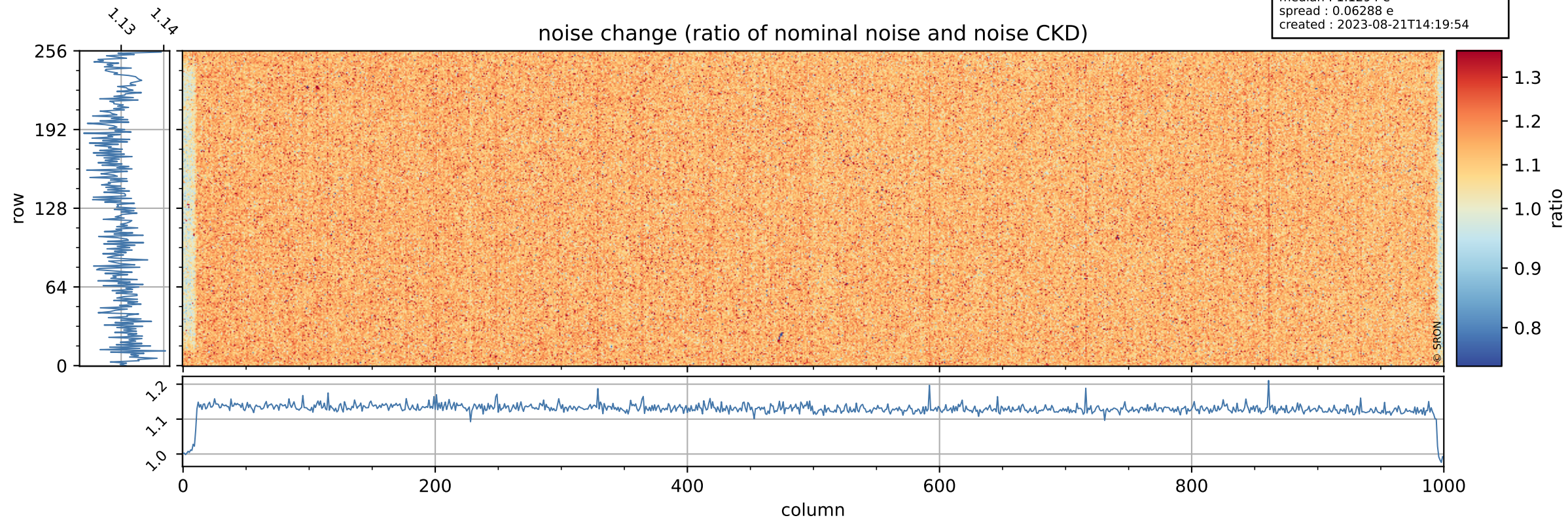
orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
median : 1.003 e
spread : 0.0092347 e
created : 2023-08-21T14:19:54



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
median : 1.1294 e
spread : 0.06288 e
created : 2023-08-21T14:19:54

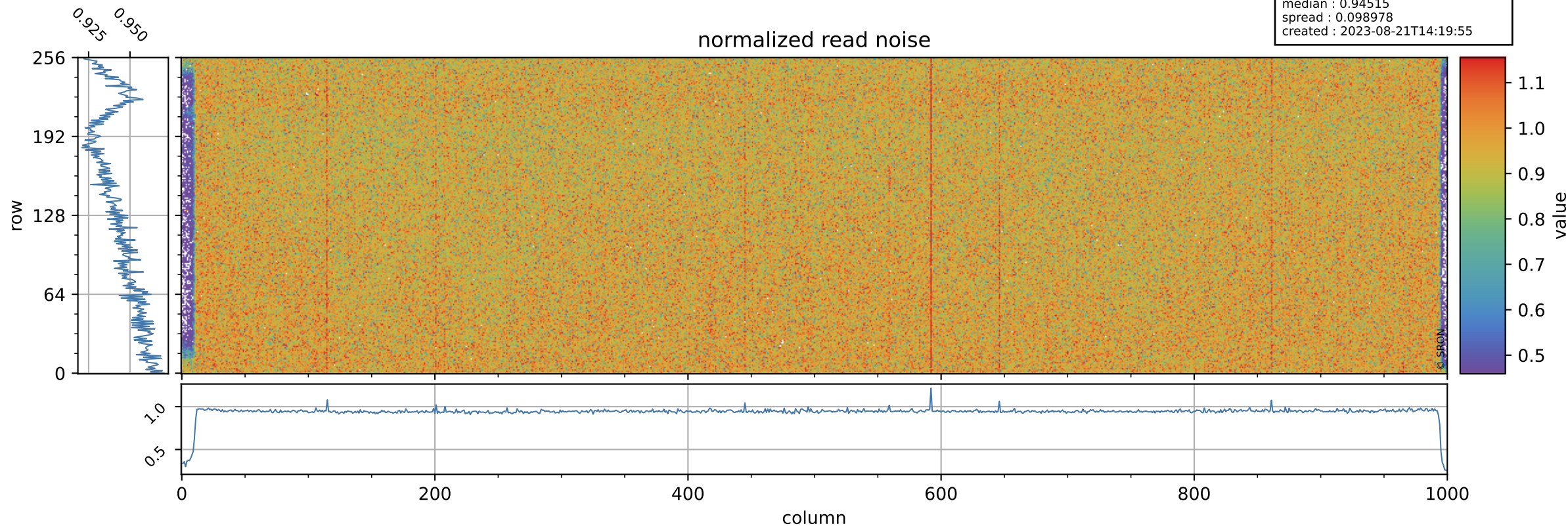
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

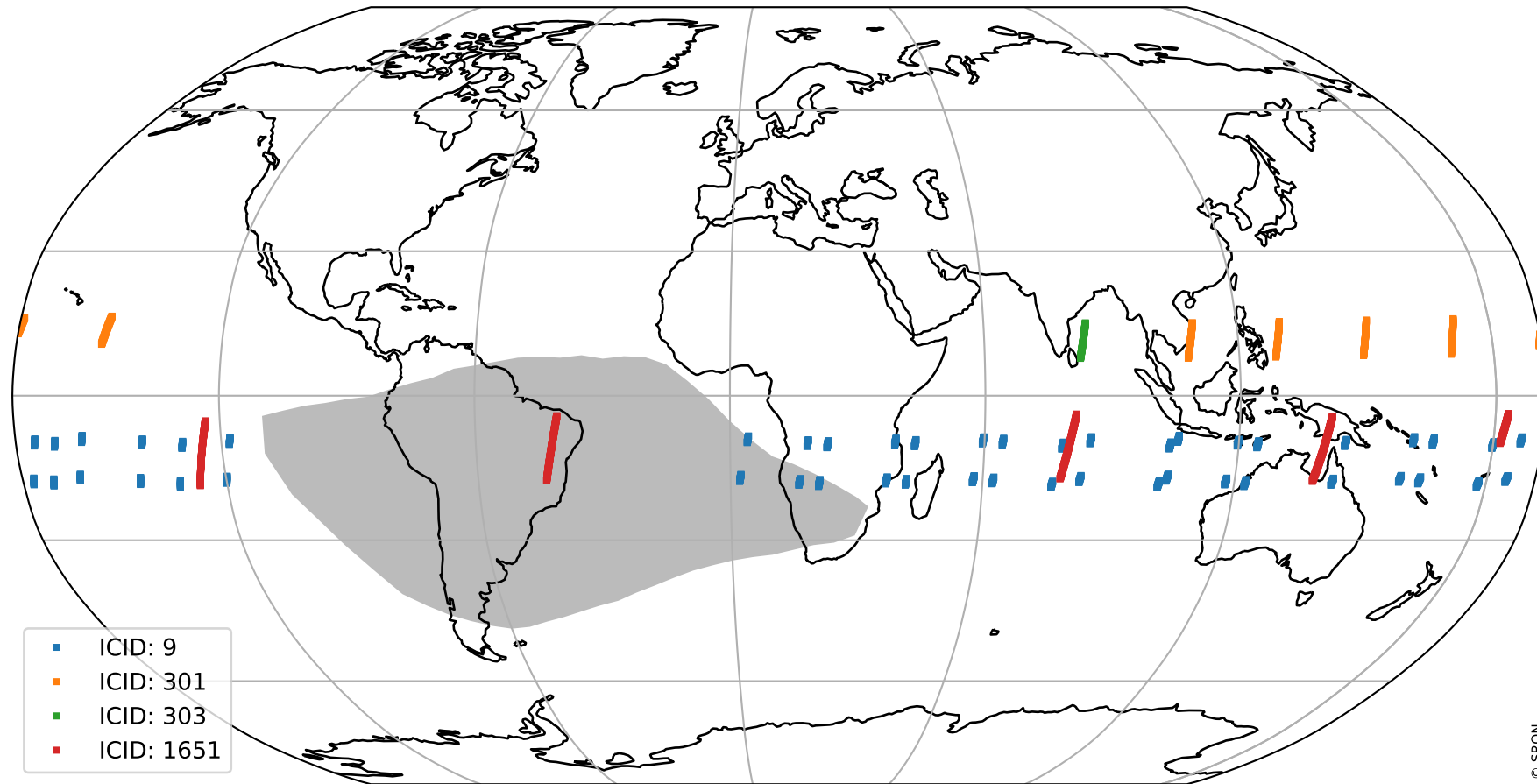
orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
median : 0.94515
spread : 0.098978
created : 2023-08-21T14:19:55

normalized read noise



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

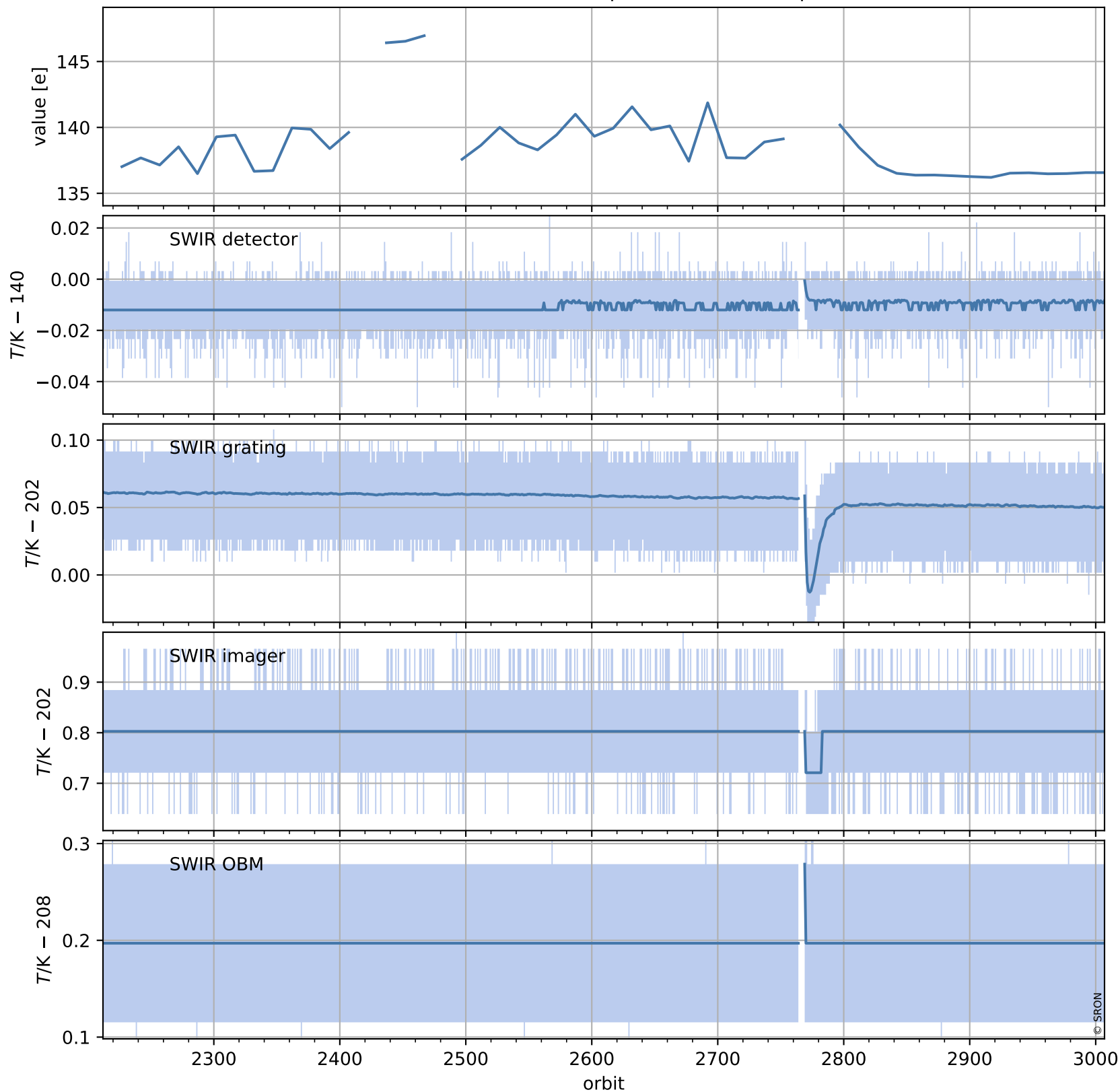
orbits : 12 in [2917, 3007]
coverage : 2018-05-07 / 2018-05-13
created : 2023-08-21T14:19:55



Tropomi SWIR background noise (swir)

orbits : [2212, 3007]
coverage : 2018-03-18 / 2018-05-13
created : 2023-08-21T14:19:55

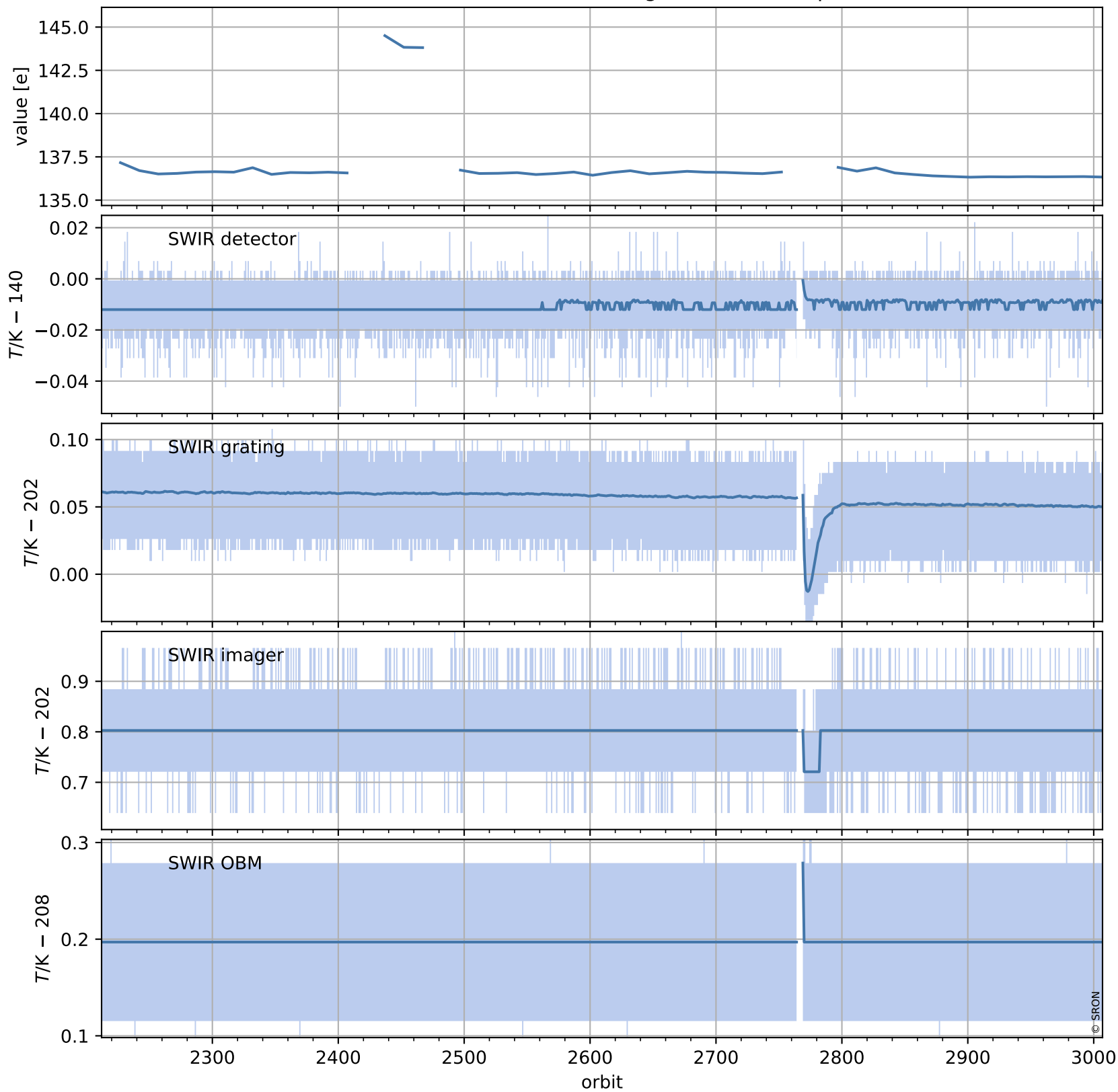
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3007]
coverage : 2018-03-18 / 2018-05-13
created : 2023-08-21T14:19:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3007]
coverage : 2018-03-18 / 2018-05-13
created : 2023-08-21T14:19:56

trend of normalized read-noise & temperatures

