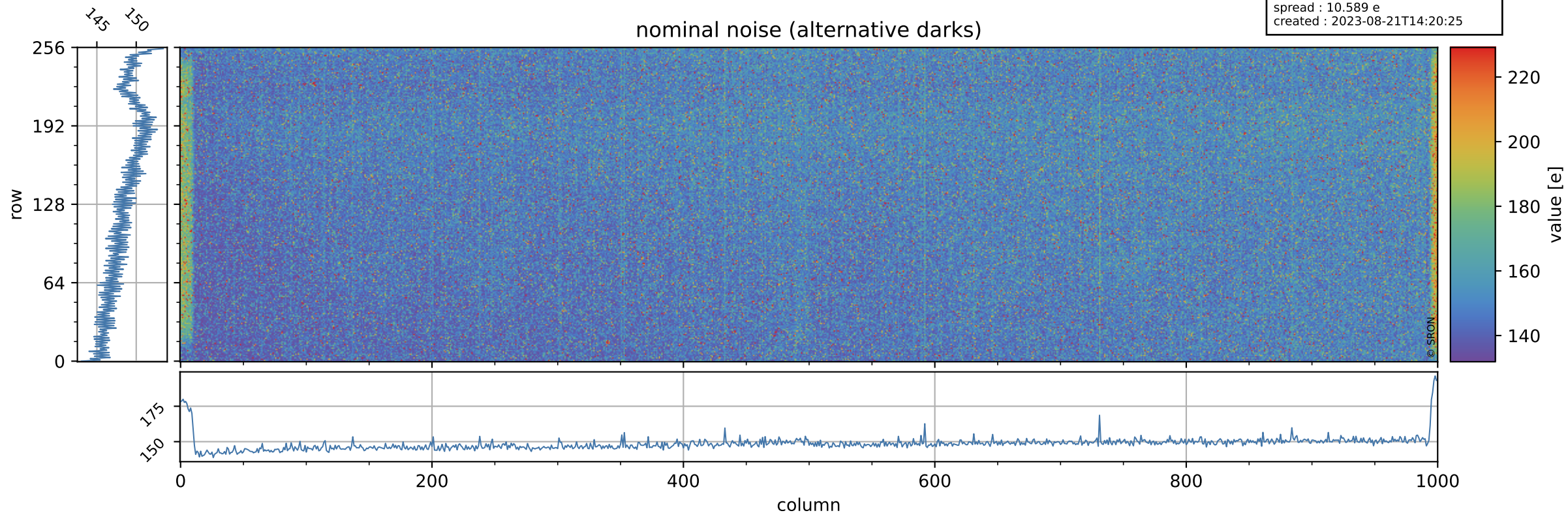


Tropomi SWIR background noise (swir)

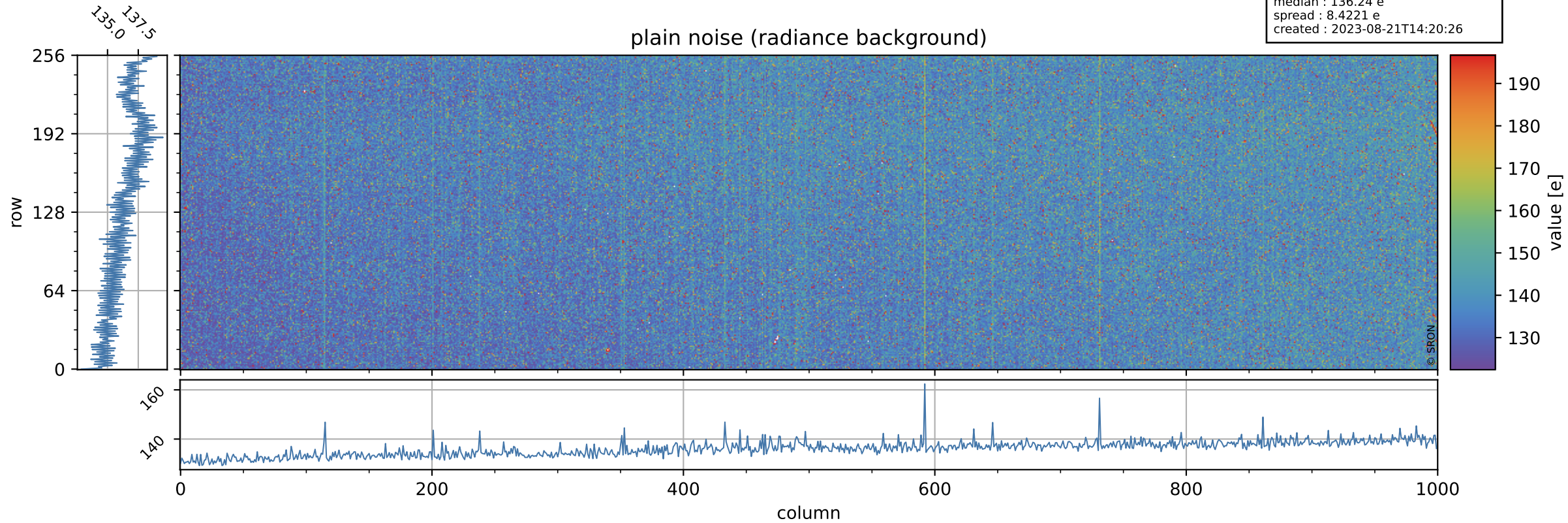
orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.589 e
created : 2023-08-21T14:20:25



Tropomi SWIR background noise (swir)

orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4221 e
created : 2023-08-21T14:20:26

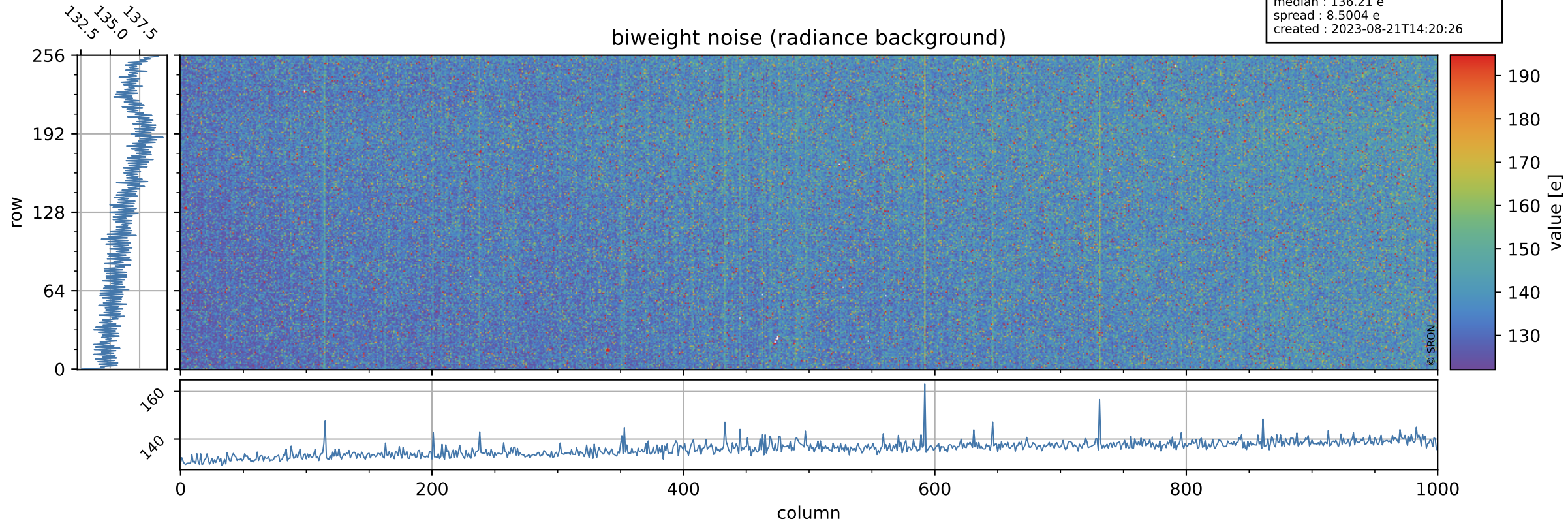
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5004 e
created : 2023-08-21T14:20:26

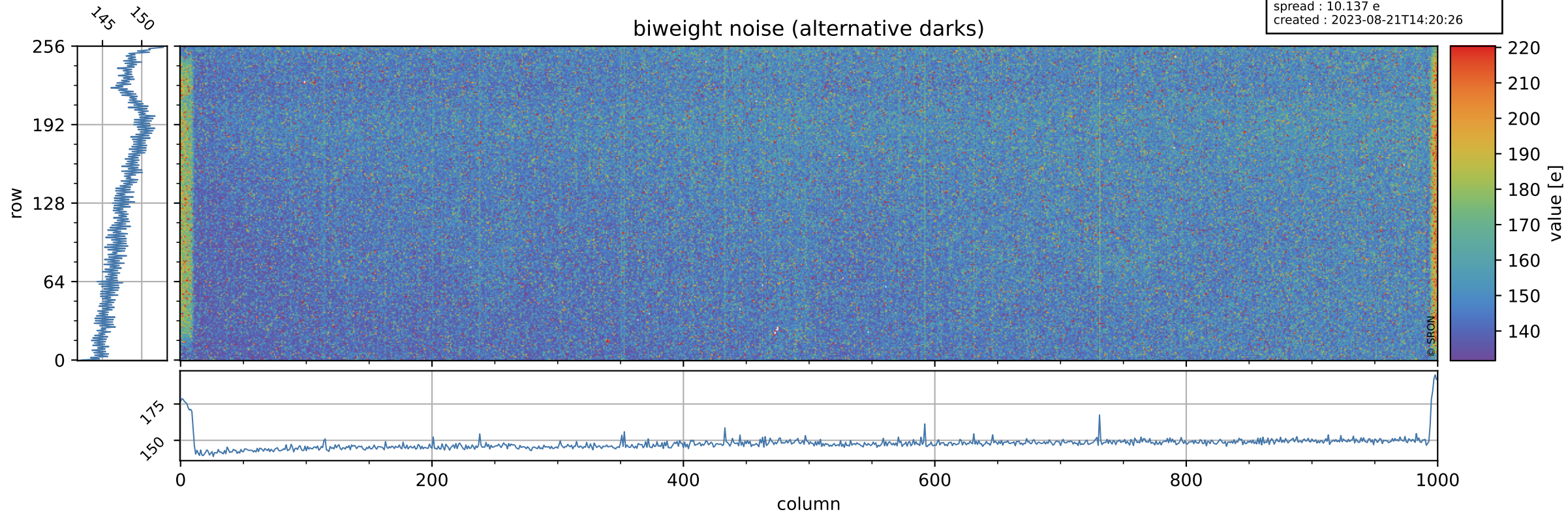
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.137 e
created : 2023-08-21T14:20:26

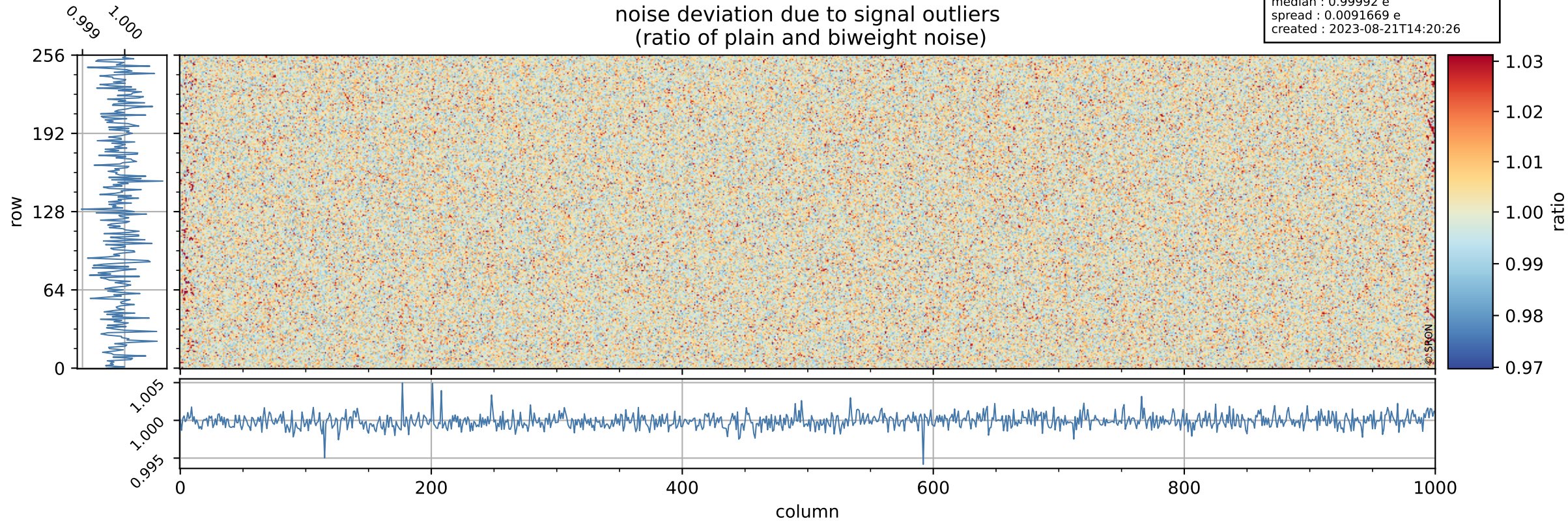
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

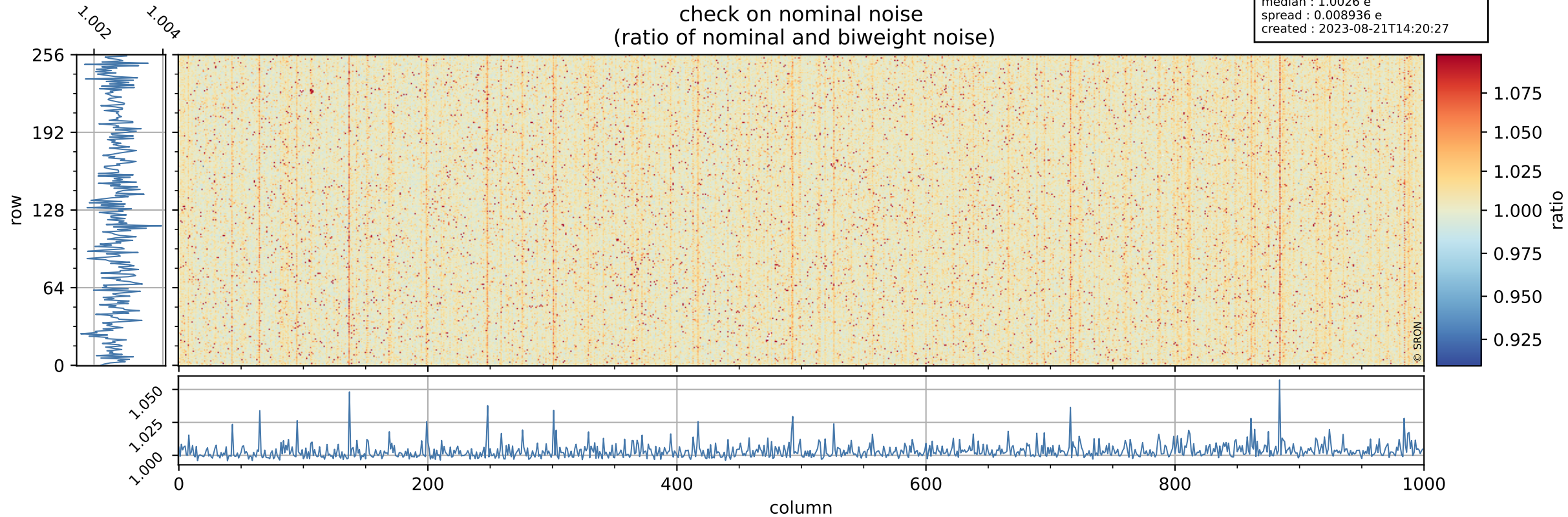
orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
median : 0.99992 e
spread : 0.0091669 e
created : 2023-08-21T14:20:26



Tropomi SWIR background noise (swir)

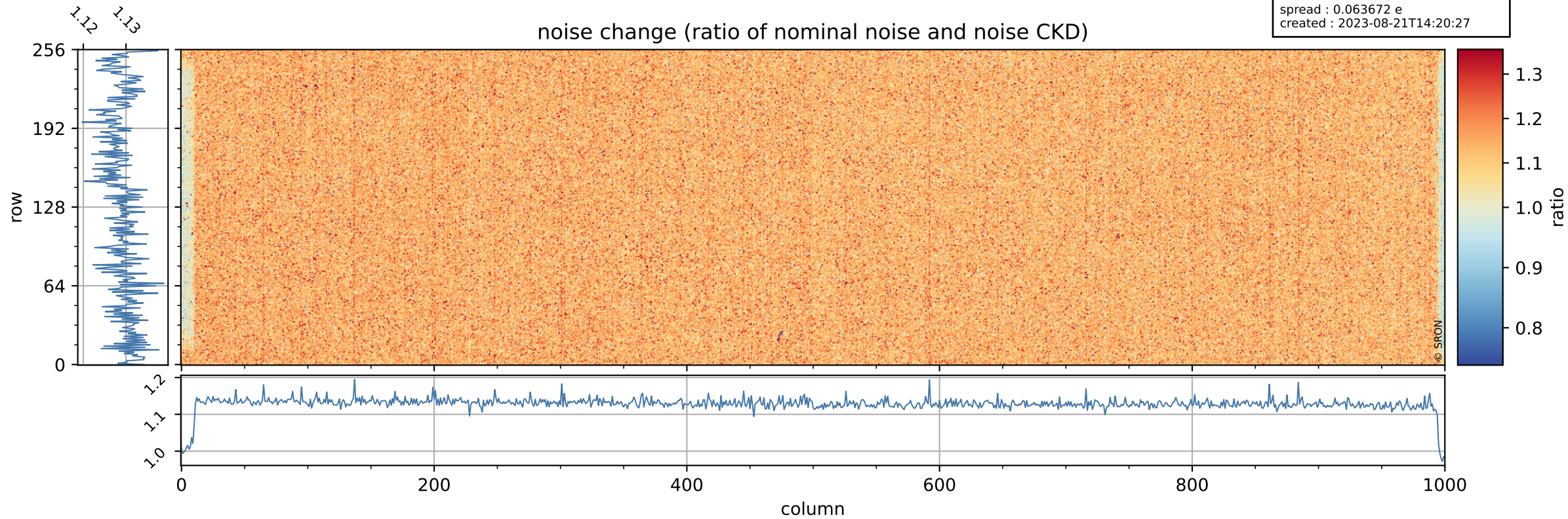
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
median : 1.0026 e
spread : 0.008936 e
created : 2023-08-21T14:20:27



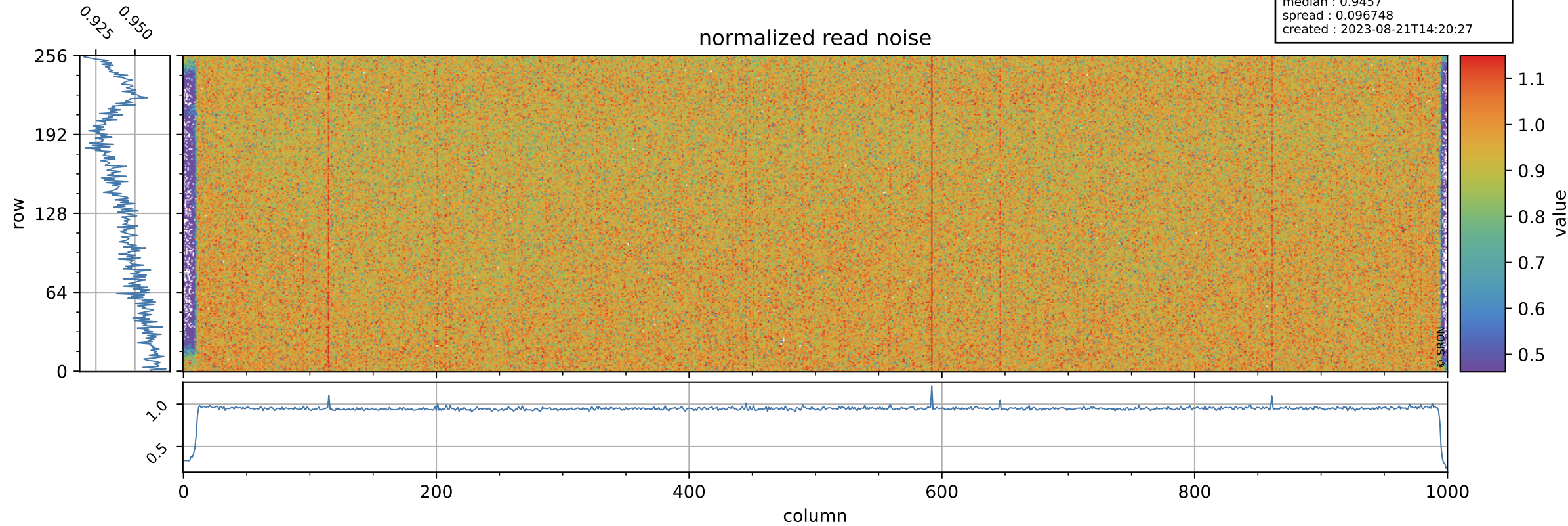
Tropomi SWIR background noise (swir)

orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
median : 1.1288 e
spread : 0.063672 e
created : 2023-08-21T14:20:27



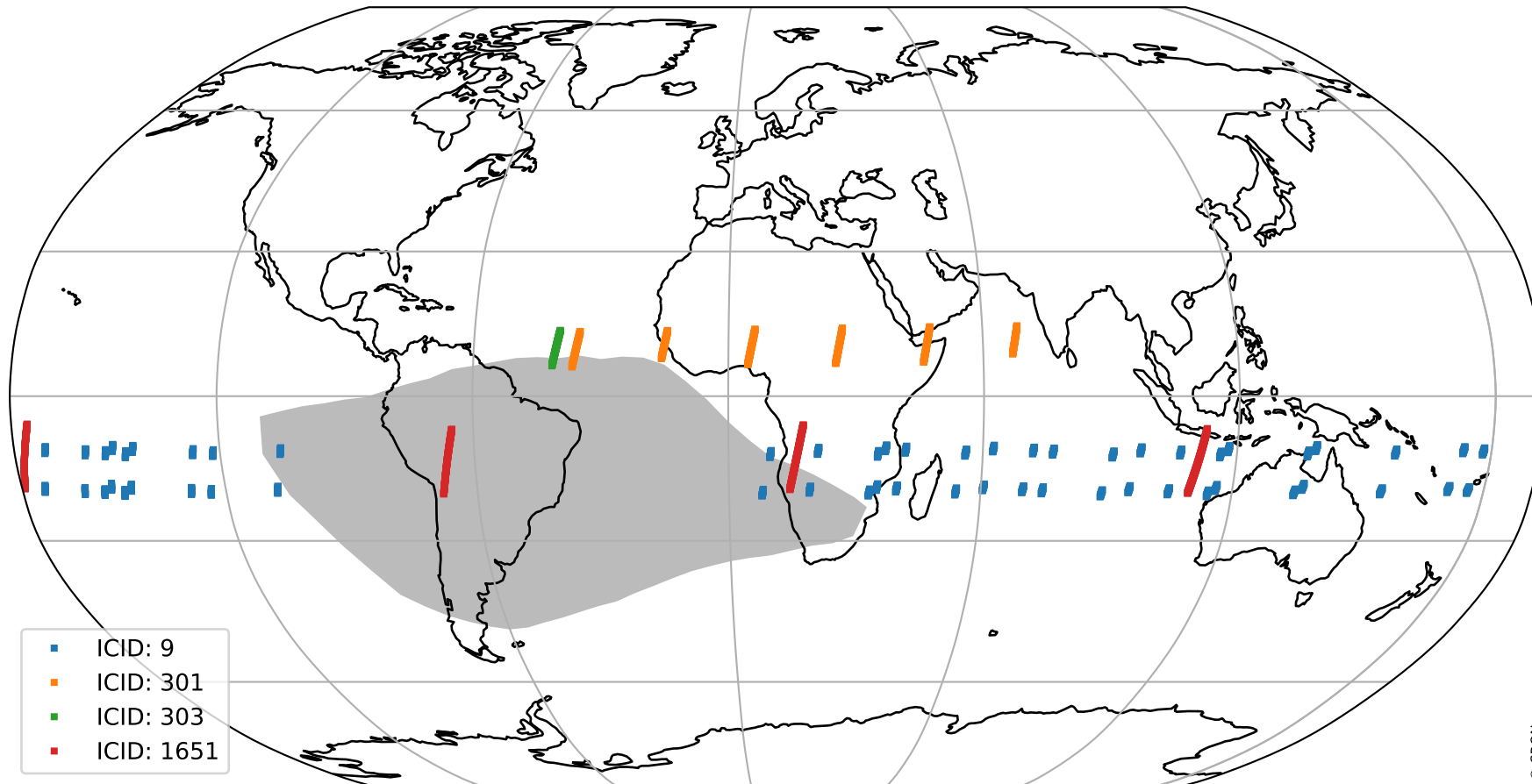
Tropomi SWIR background noise (swir)

orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
median : 0.9457
spread : 0.096748
created : 2023-08-21T14:20:27



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

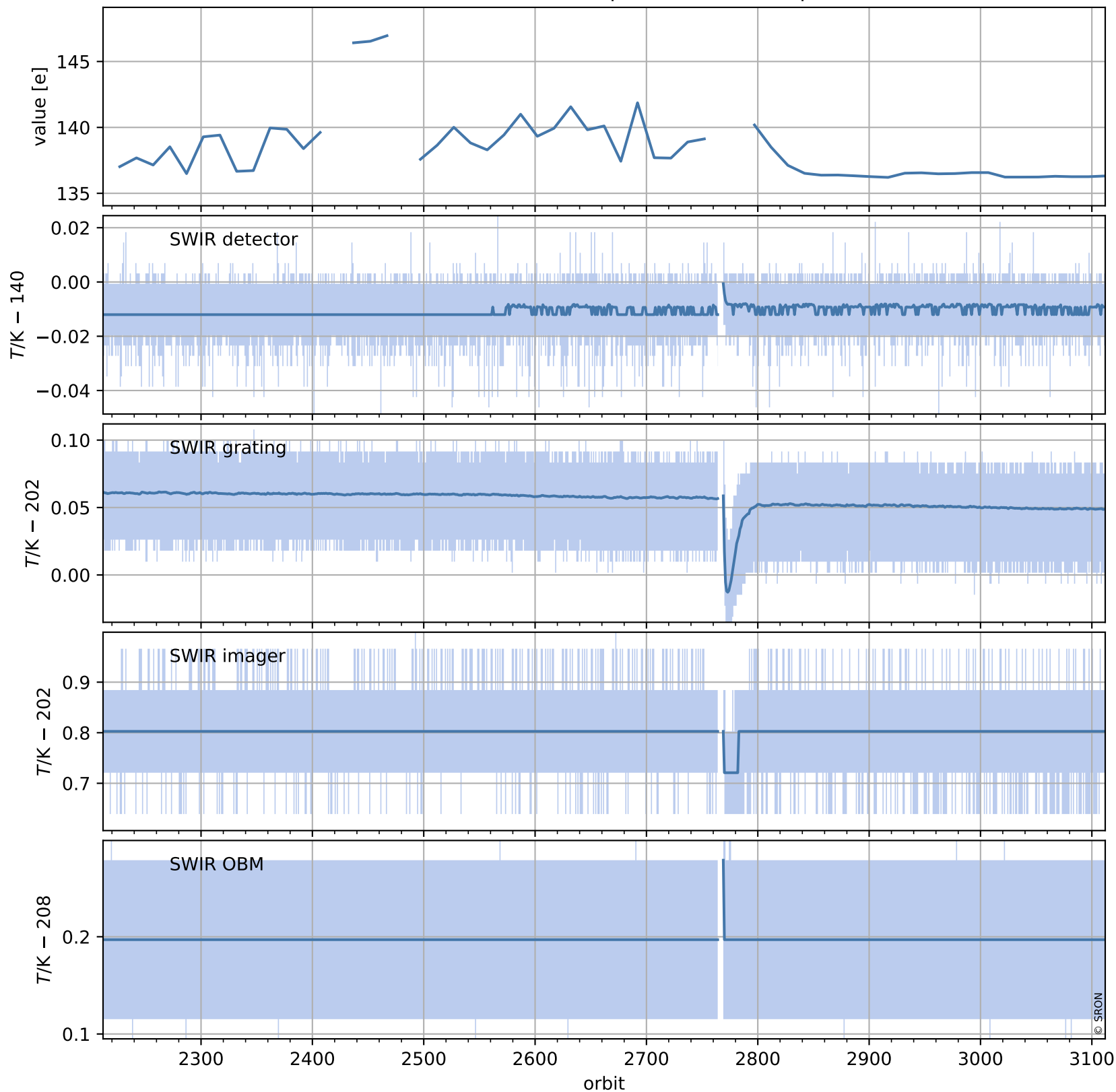
orbits : 11 in [3022, 3112]
coverage : 2018-05-14 / 2018-05-20
created : 2023-08-21T14:20:28



Tropomi SWIR background noise (swir)

orbits : [2212, 3112]
coverage : 2018-03-18 / 2018-05-20
created : 2023-08-21T14:20:28

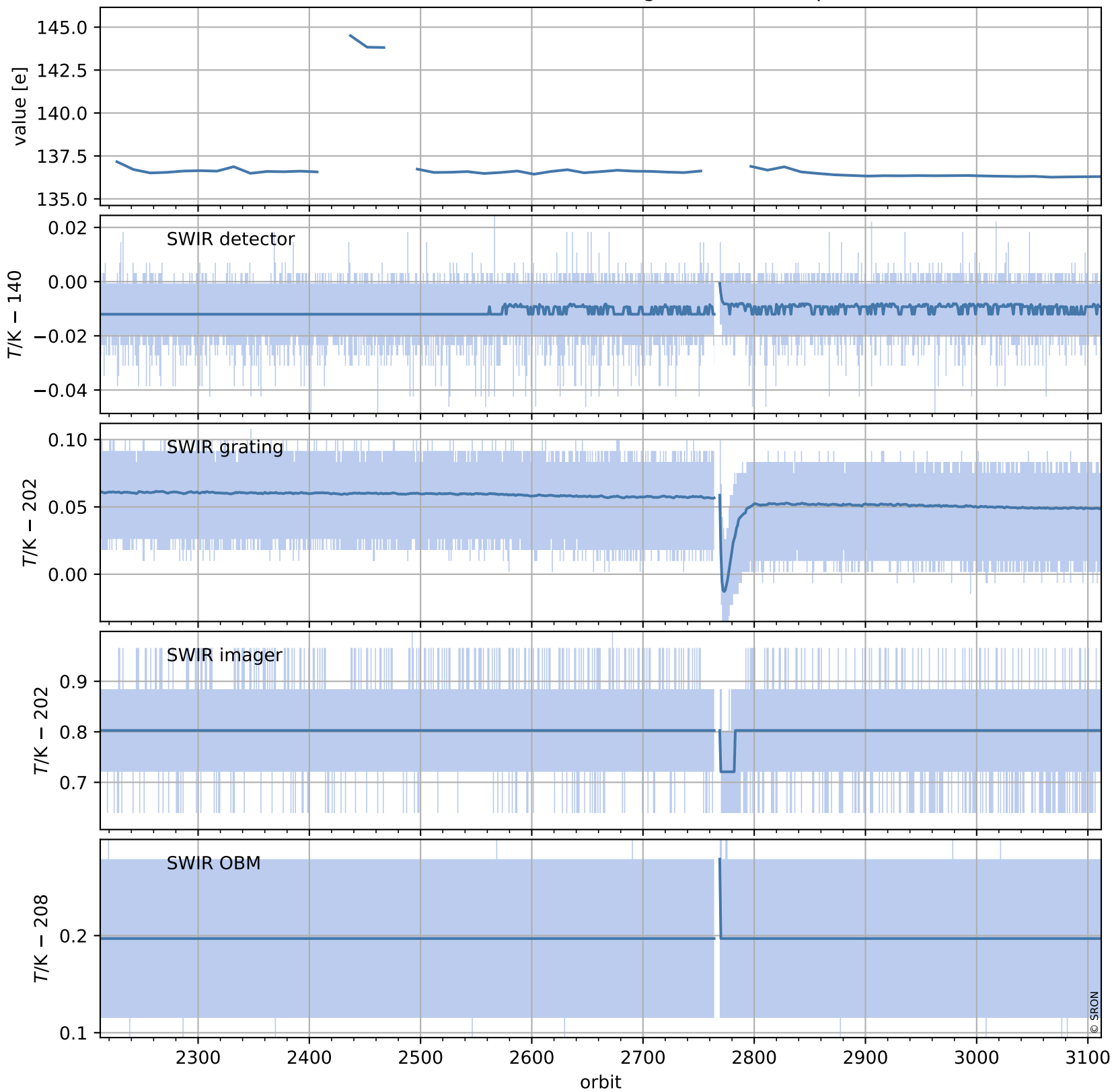
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3112]
coverage : 2018-03-18 / 2018-05-20
created : 2023-08-21T14:20:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3112]
coverage : 2018-03-18 / 2018-05-20
created : 2023-08-21T14:20:29

trend of normalized read-noise & temperatures

