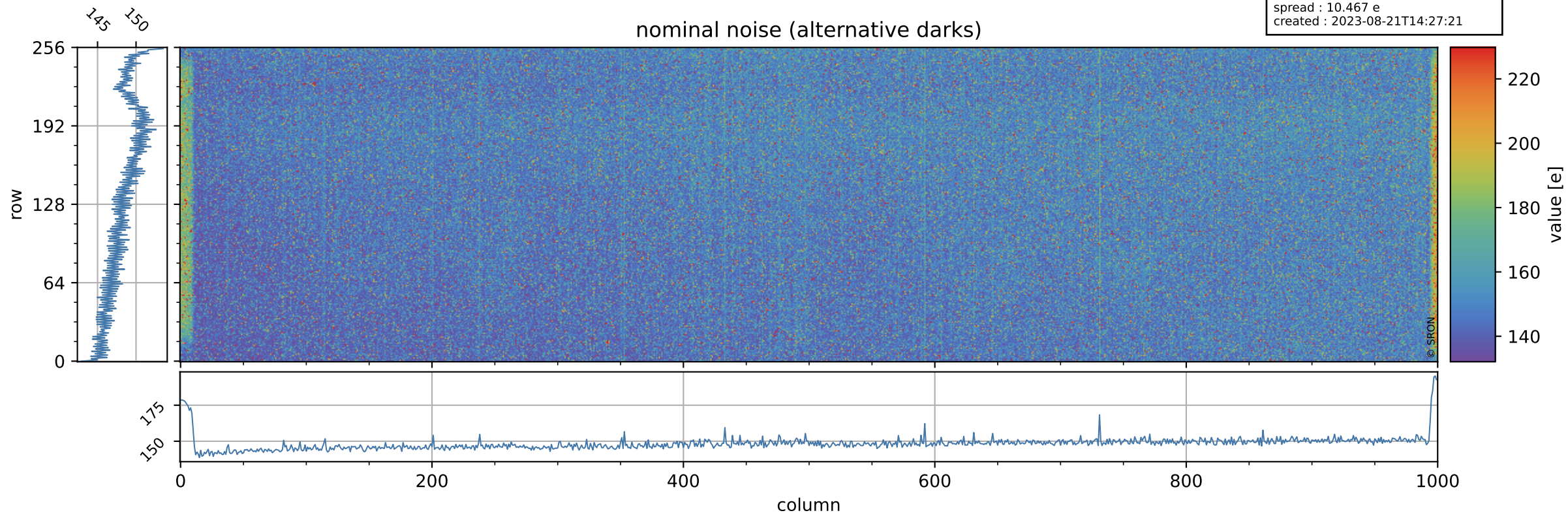


Tropomi SWIR background noise (swir)

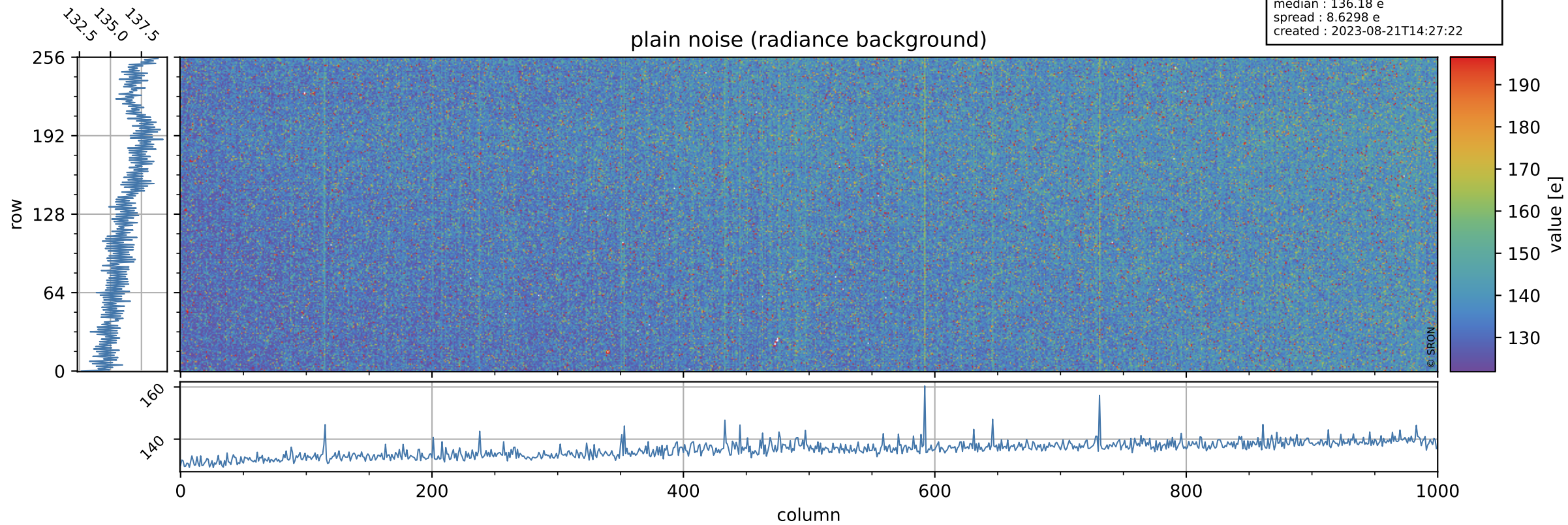
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
n_coad, t_exp : 1, 1.0783
median : 148.21 e
spread : 10.467 e
created : 2023-08-21T14:27:21



Tropomi SWIR background noise (swir)

orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.6298 e
created : 2023-08-21T14:27:22

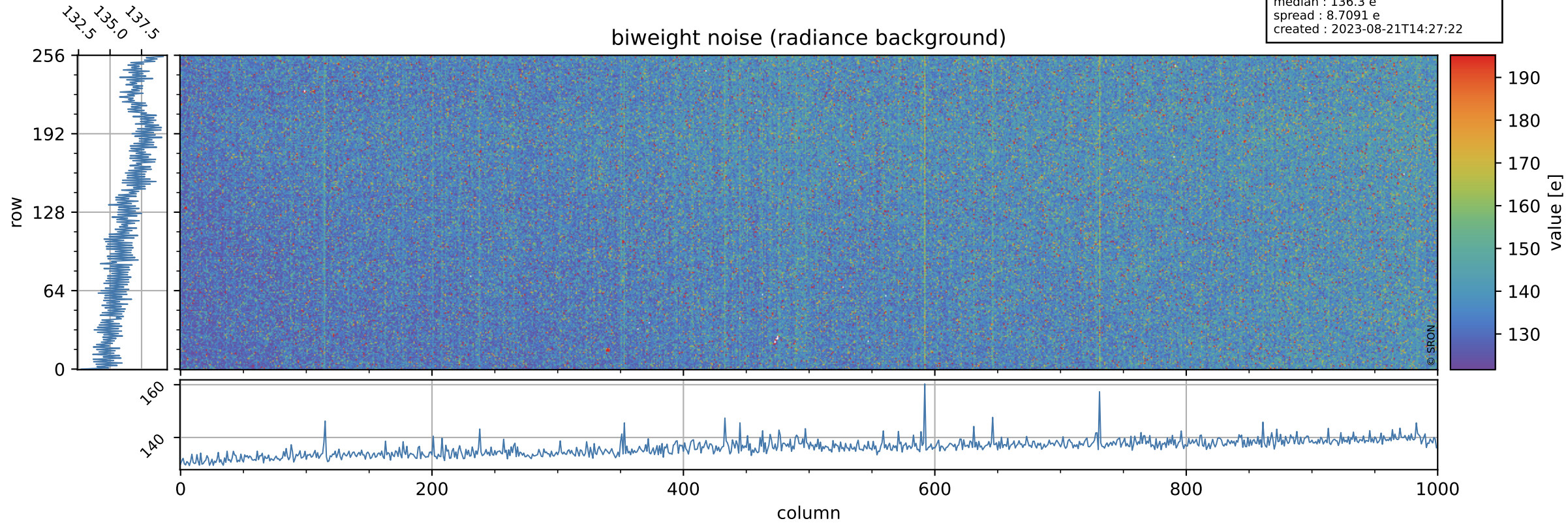
plain noise (radiance background)



Tropomi SWIR background noise (swir)

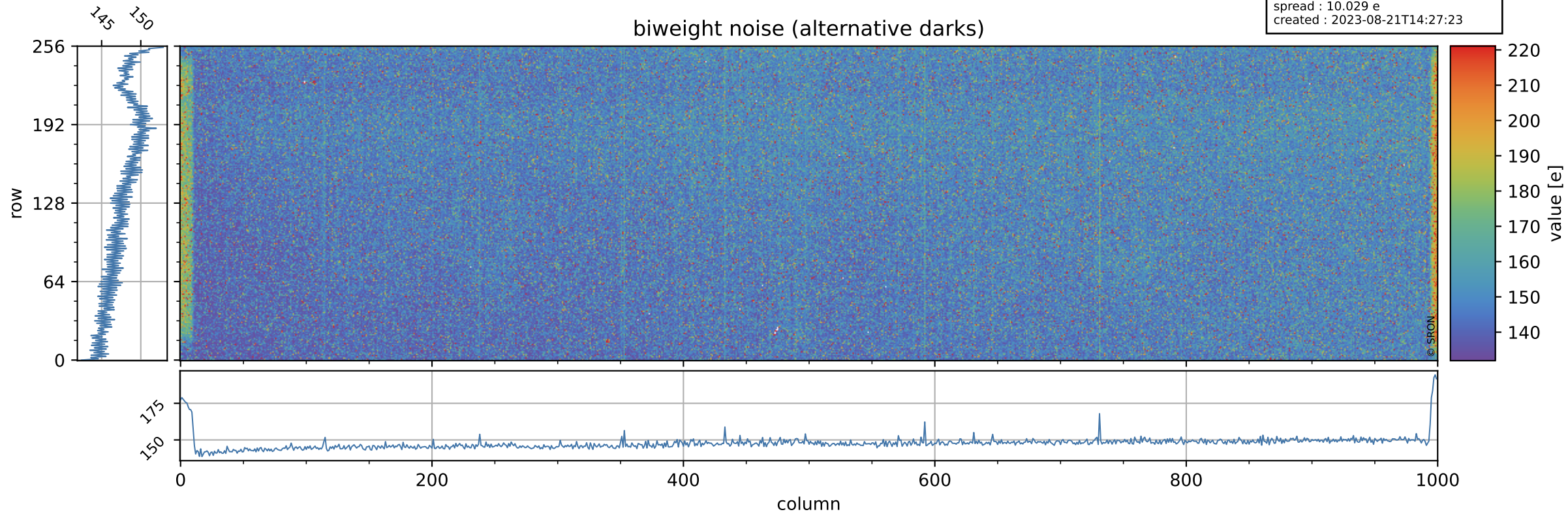
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
n_coad, t_exp : 2, 0.5383
median : 136.3 e
spread : 8.7091 e
created : 2023-08-21T14:27:22

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

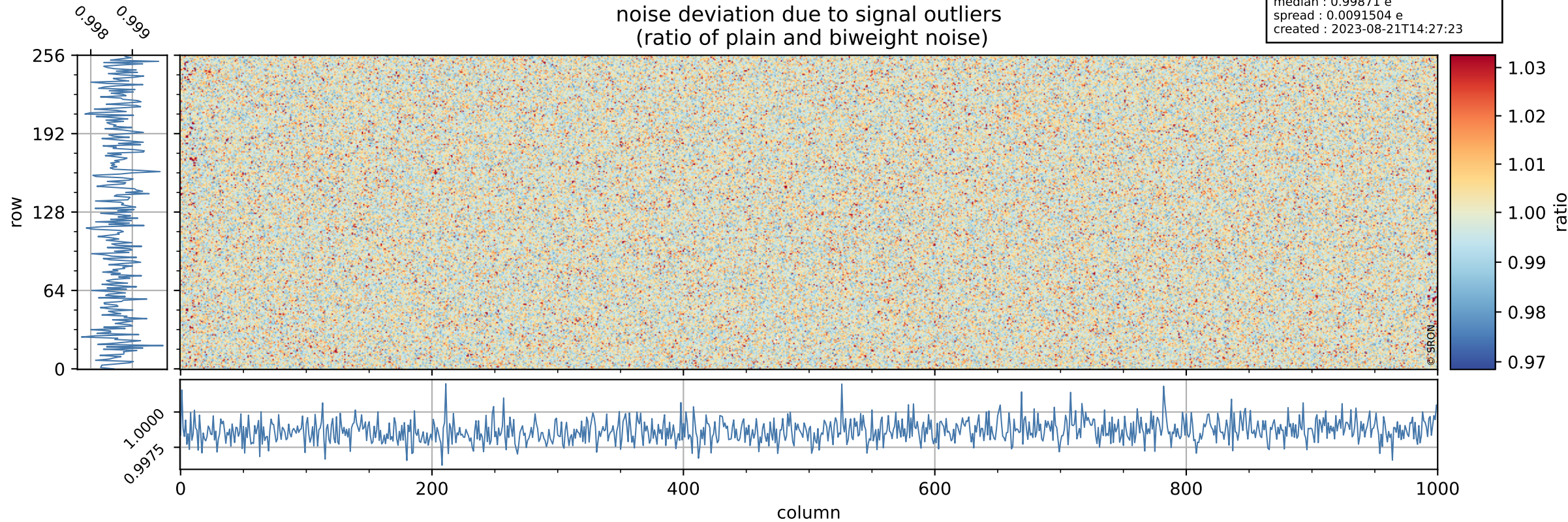
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.029 e
created : 2023-08-21T14:27:23



Tropomi SWIR background noise (swir)

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

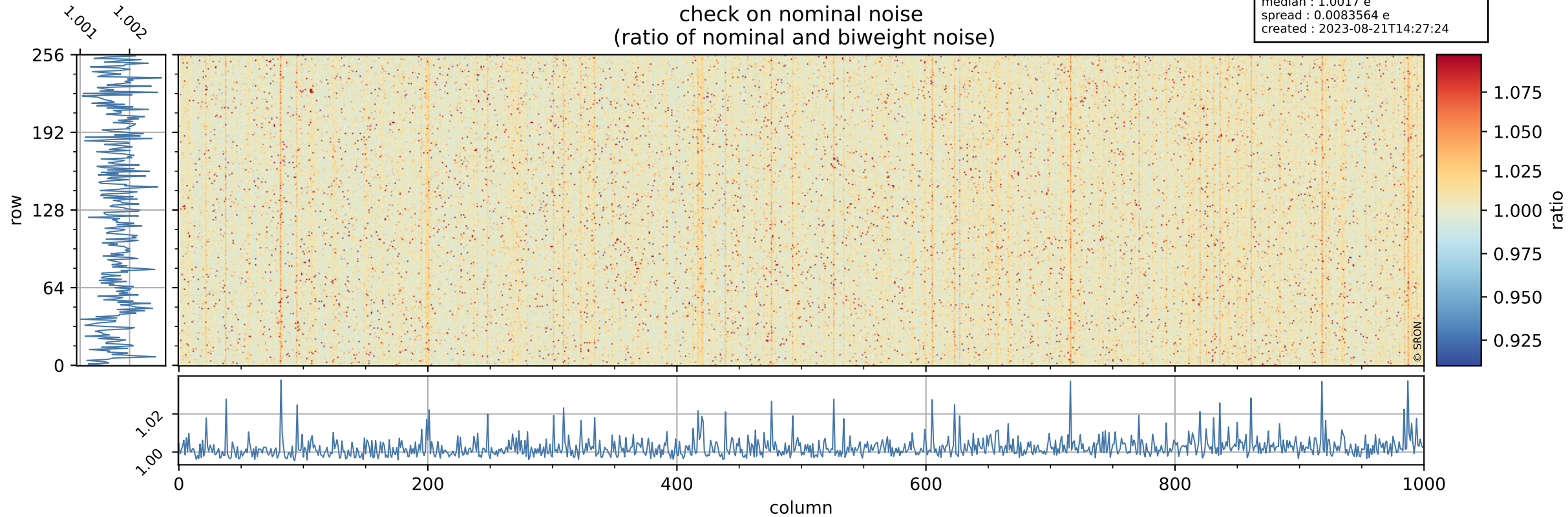
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
median : 0.99871 e
spread : 0.0091504 e
created : 2023-08-21T14:27:23



Tropomi SWIR background noise (swir)

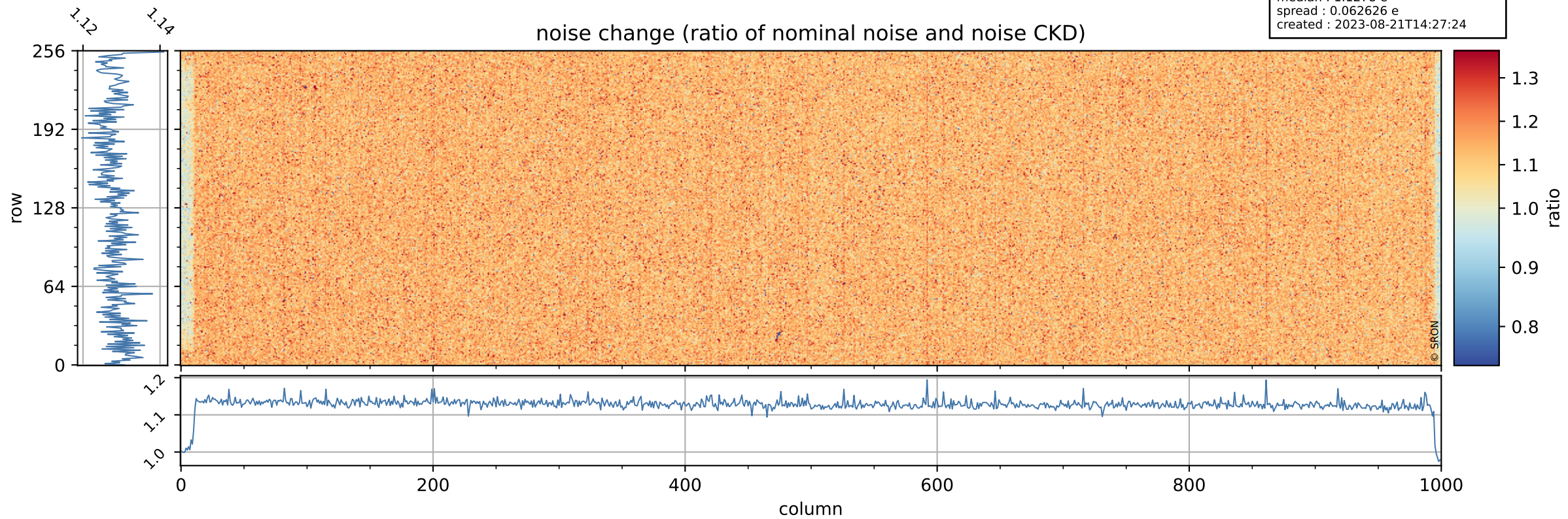
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
median : 1.0017 e
spread : 0.0083564 e
created : 2023-08-21T14:27:24



Tropomi SWIR background noise (swir)

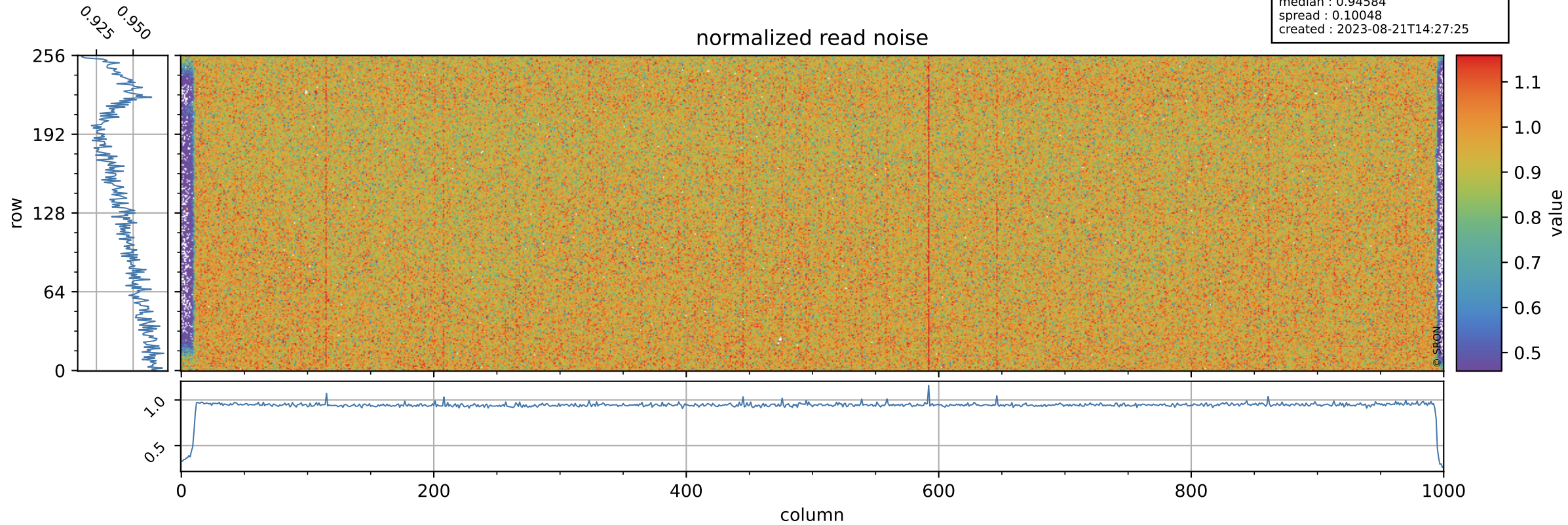
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
median : 1.1278 e
spread : 0.062626 e
created : 2023-08-21T14:27:24



Tropomi SWIR background noise (swir)

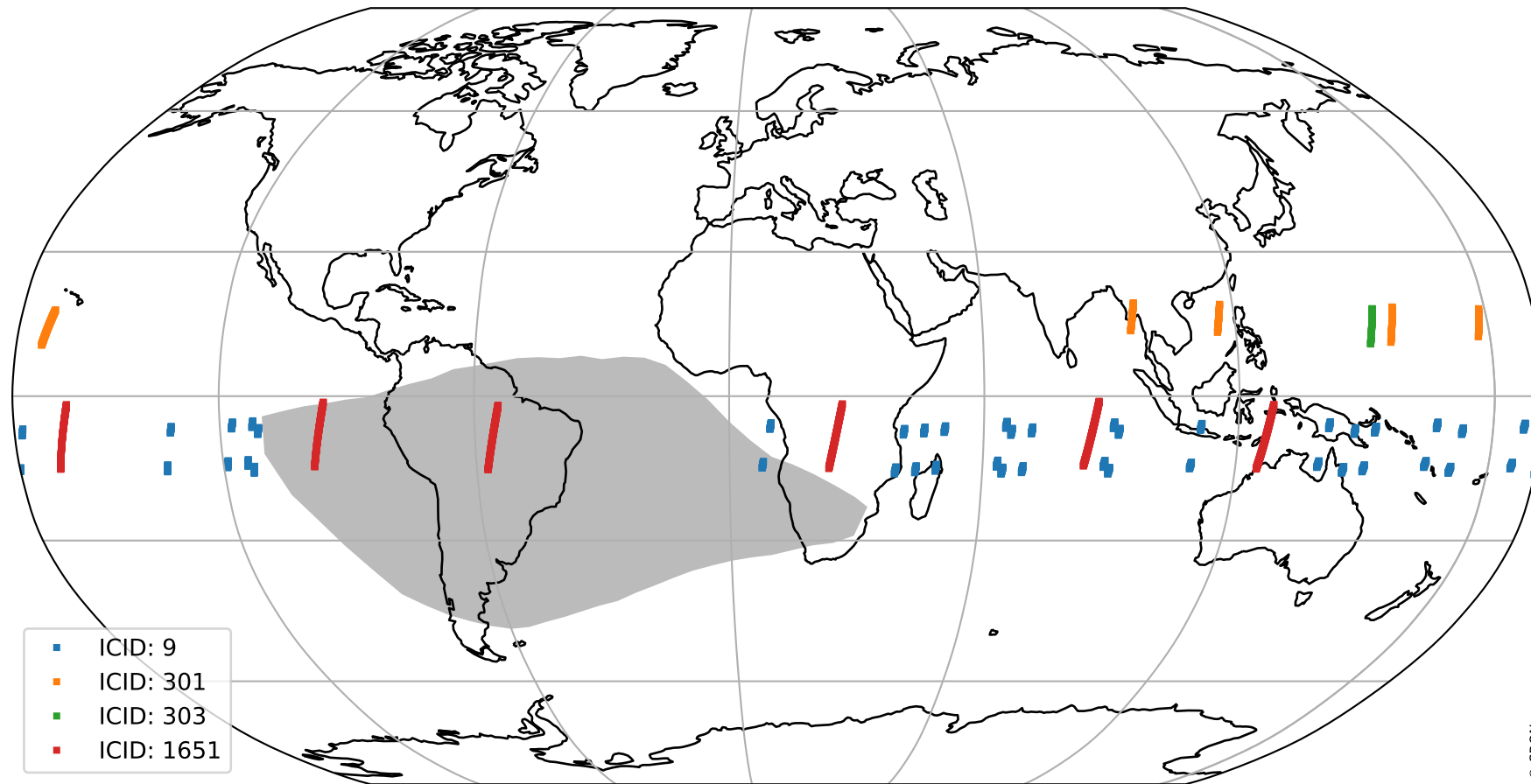
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
median : 0.94584
spread : 0.10048
created : 2023-08-21T14:27:25

normalized read noise



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

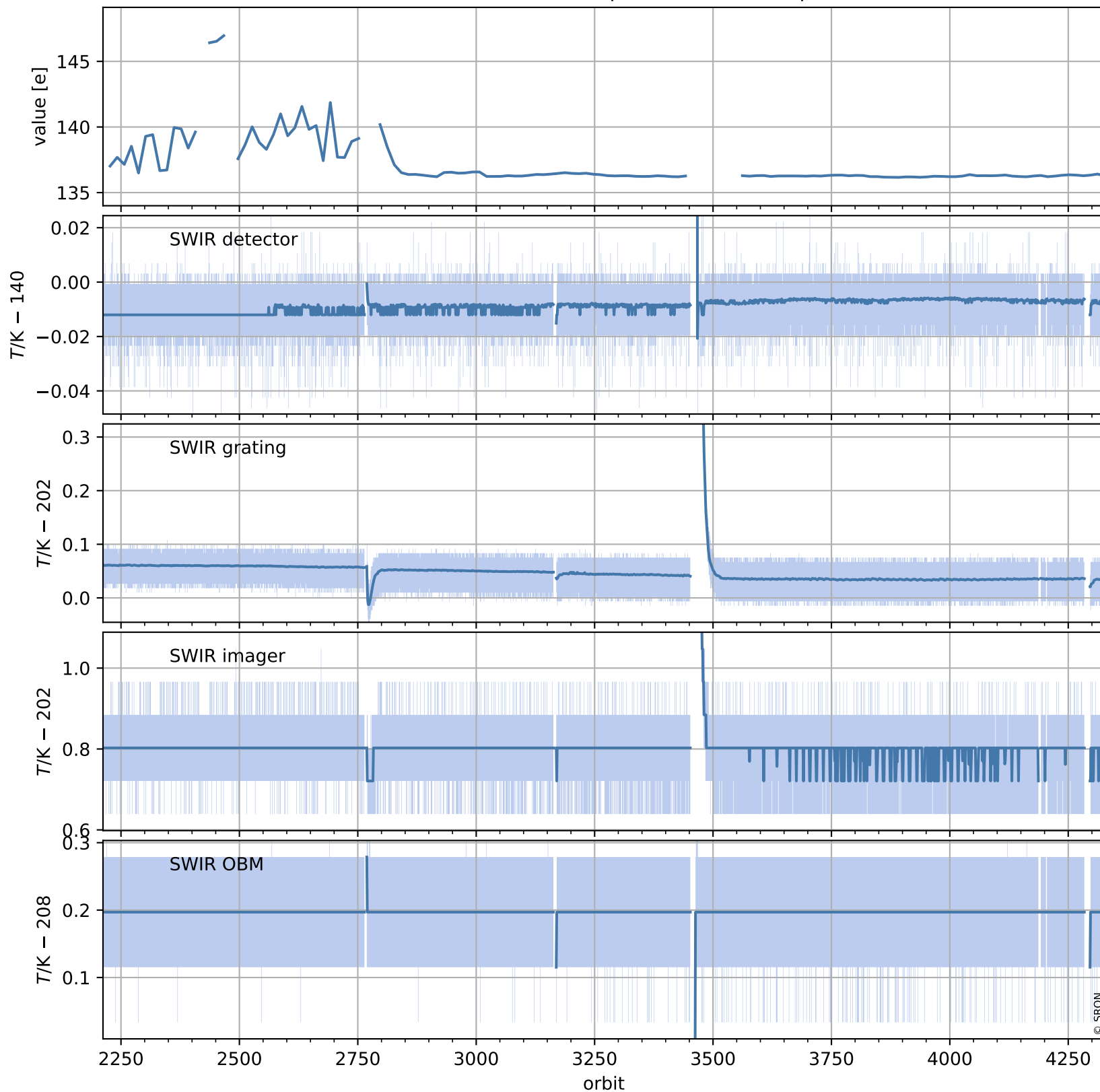
orbits : 12 in [4252, 4327]
coverage : 2018-08-08 / 2018-08-13
created : 2023-08-21T14:27:25



Tropomi SWIR background noise (swir)

orbits : [2212, 4327]
coverage : 2018-03-18 / 2018-08-13
created : 2023-08-21T14:27:26

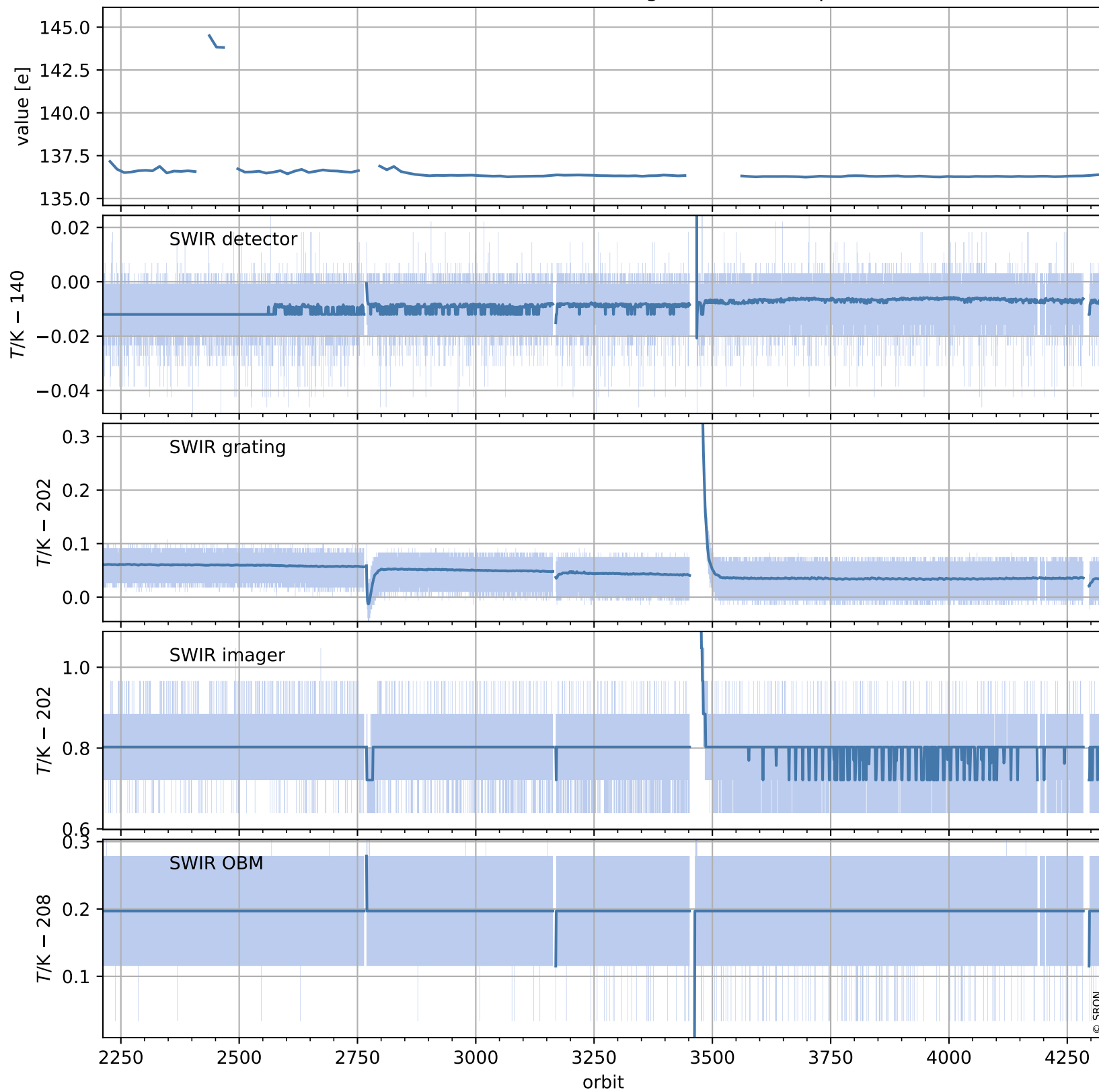
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4327]
coverage : 2018-03-18 / 2018-08-13
created : 2023-08-21T14:27:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4327]
coverage : 2018-03-18 / 2018-08-13
created : 2023-08-21T14:27:27

trend of normalized read-noise & temperatures

