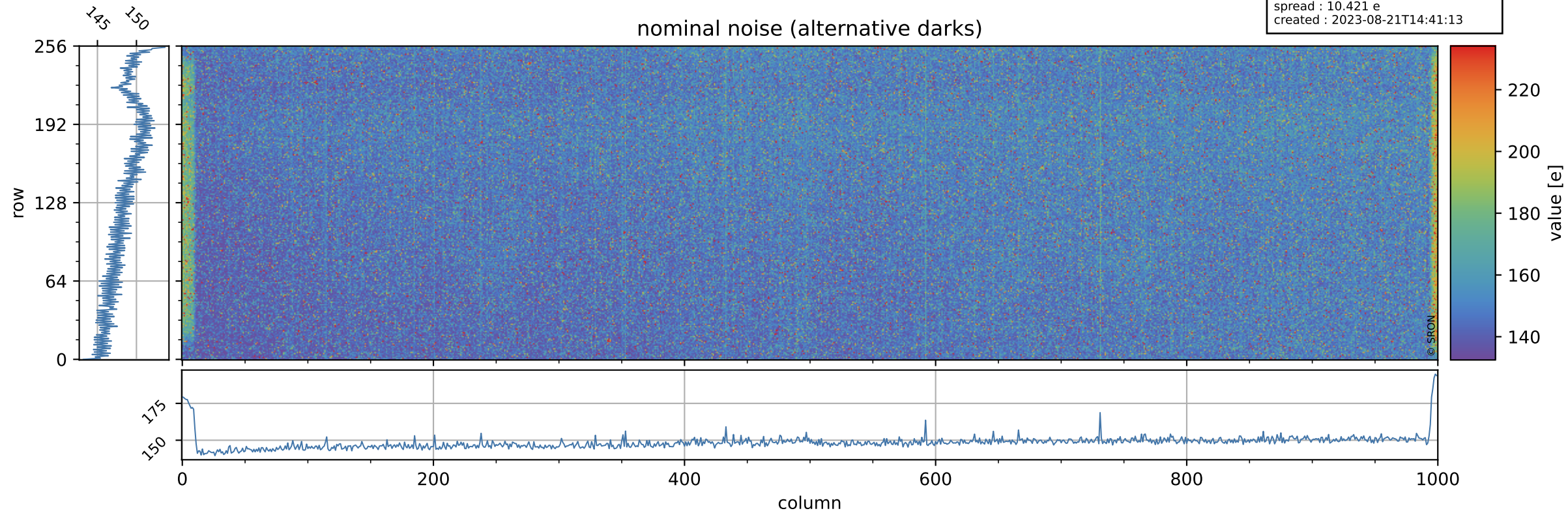


Tropomi SWIR background noise (swir)

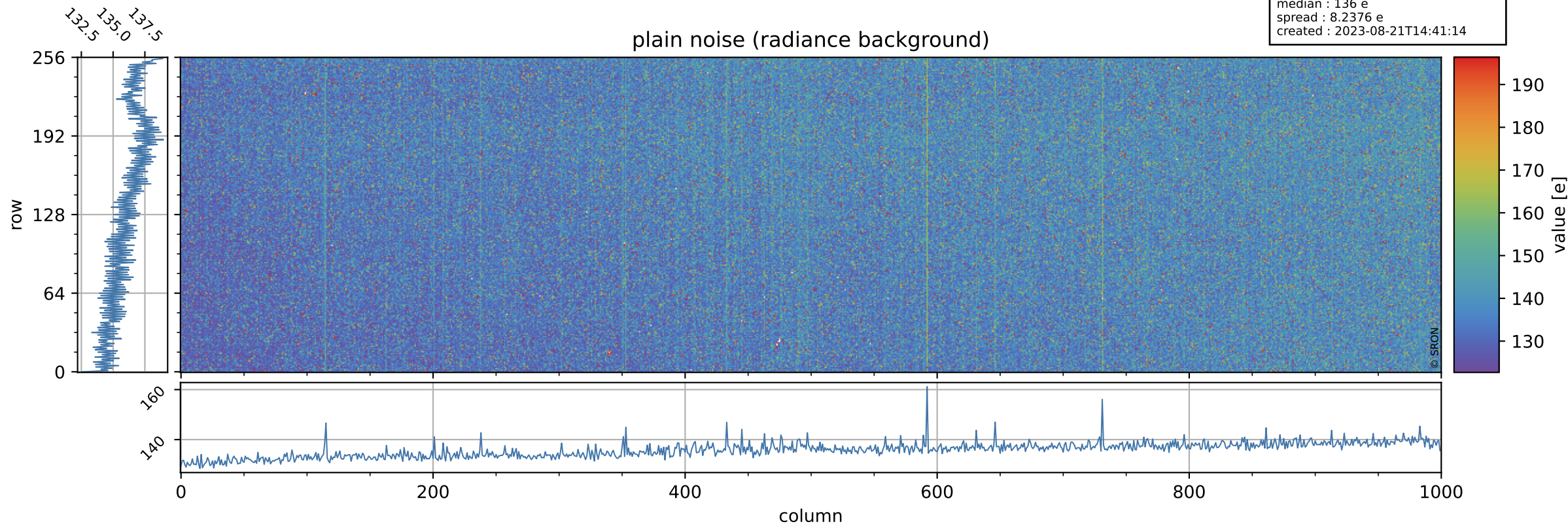
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.421 e
created : 2023-08-21T14:41:13



Tropomi SWIR background noise (swir)

orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2376 e
created : 2023-08-21T14:41:14

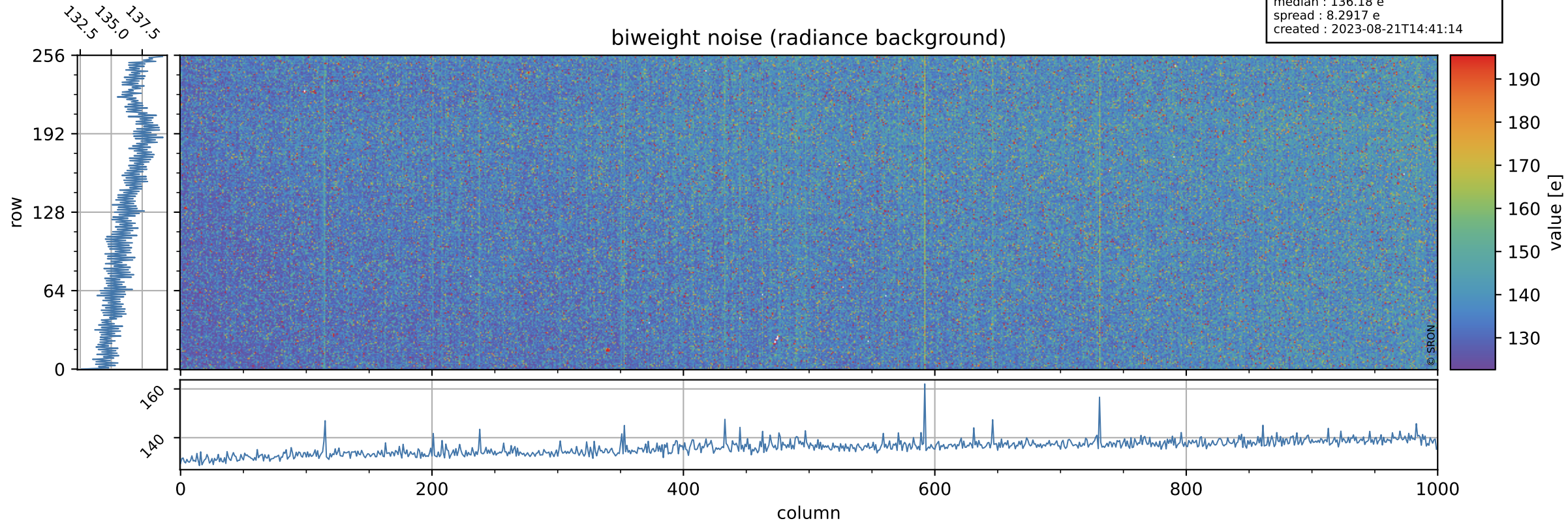
plain noise (radiance background)



Tropomi SWIR background noise (swir)

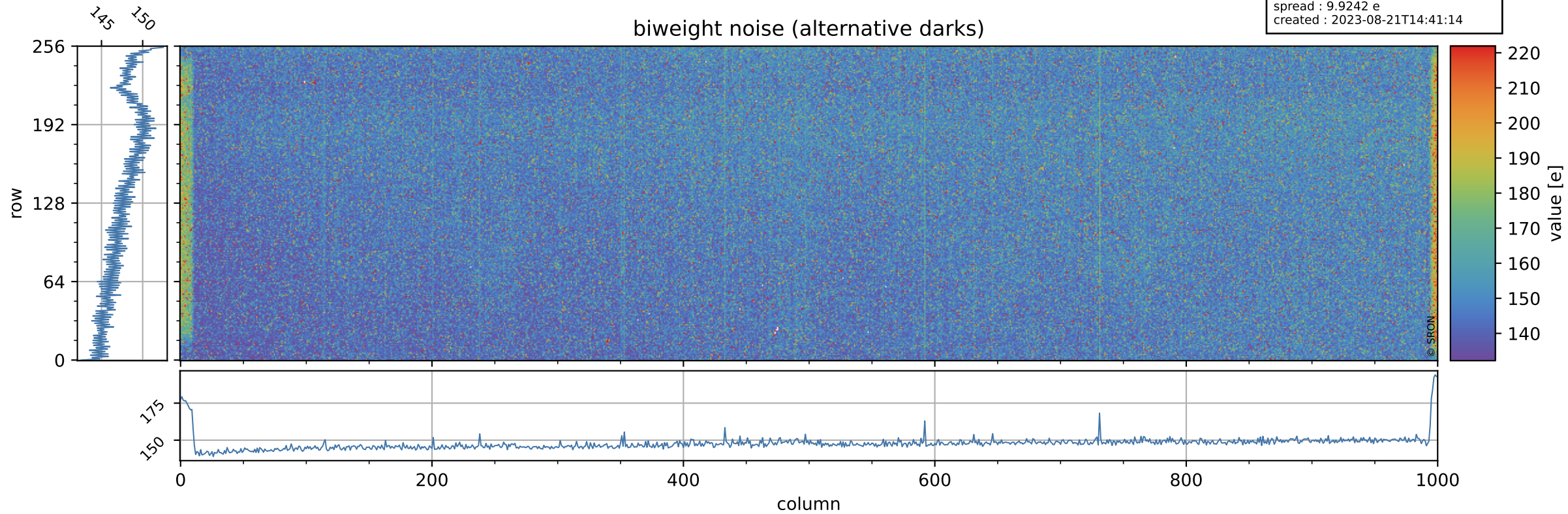
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.2917 e
created : 2023-08-21T14:41:14

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

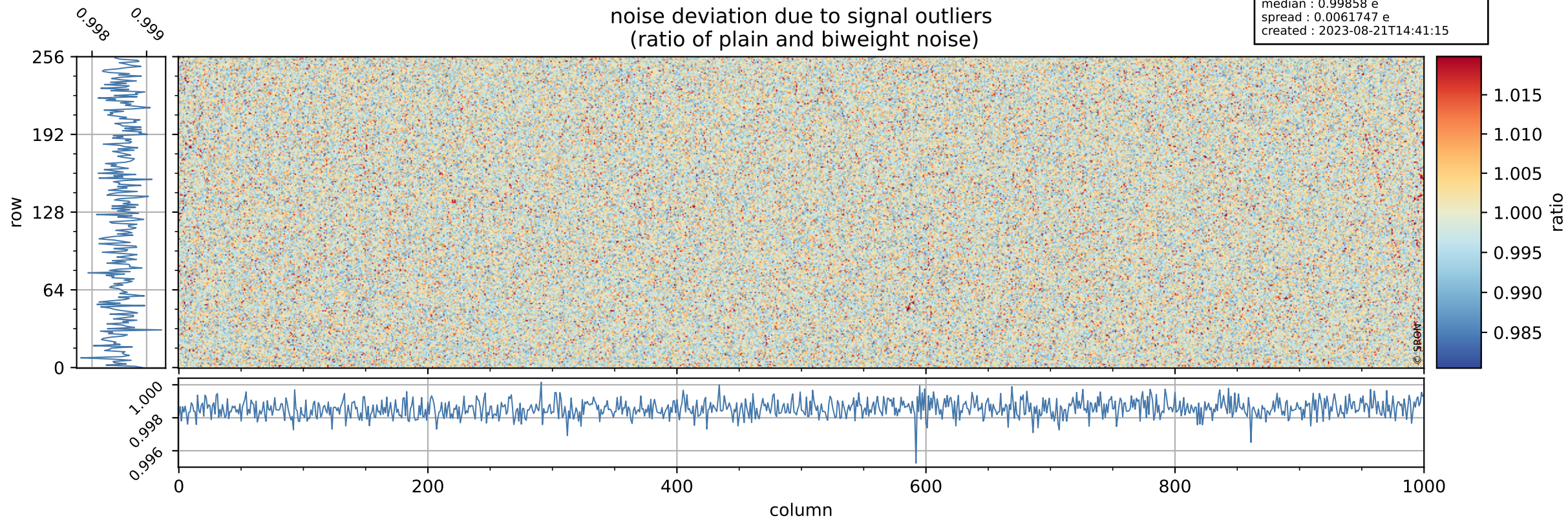
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9242 e
created : 2023-08-21T14:41:14



Tropomi SWIR background noise (swir)

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

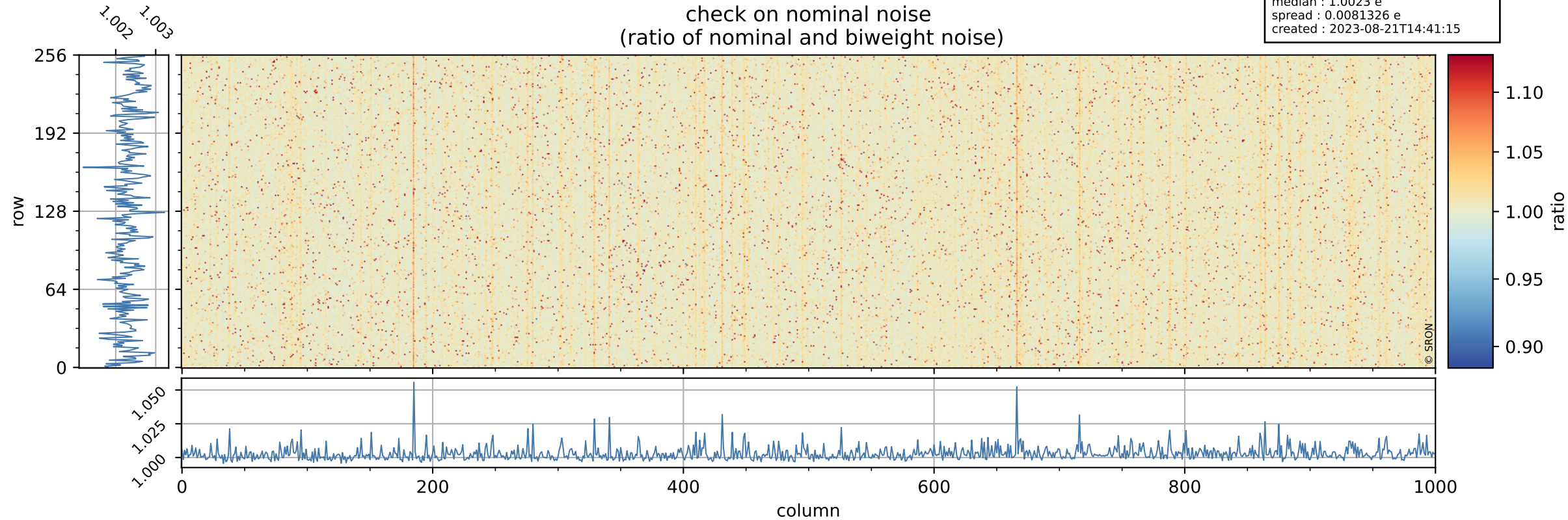
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
median : 0.99858 e
spread : 0.0061747 e
created : 2023-08-21T14:41:15



Tropomi SWIR background noise (swir)

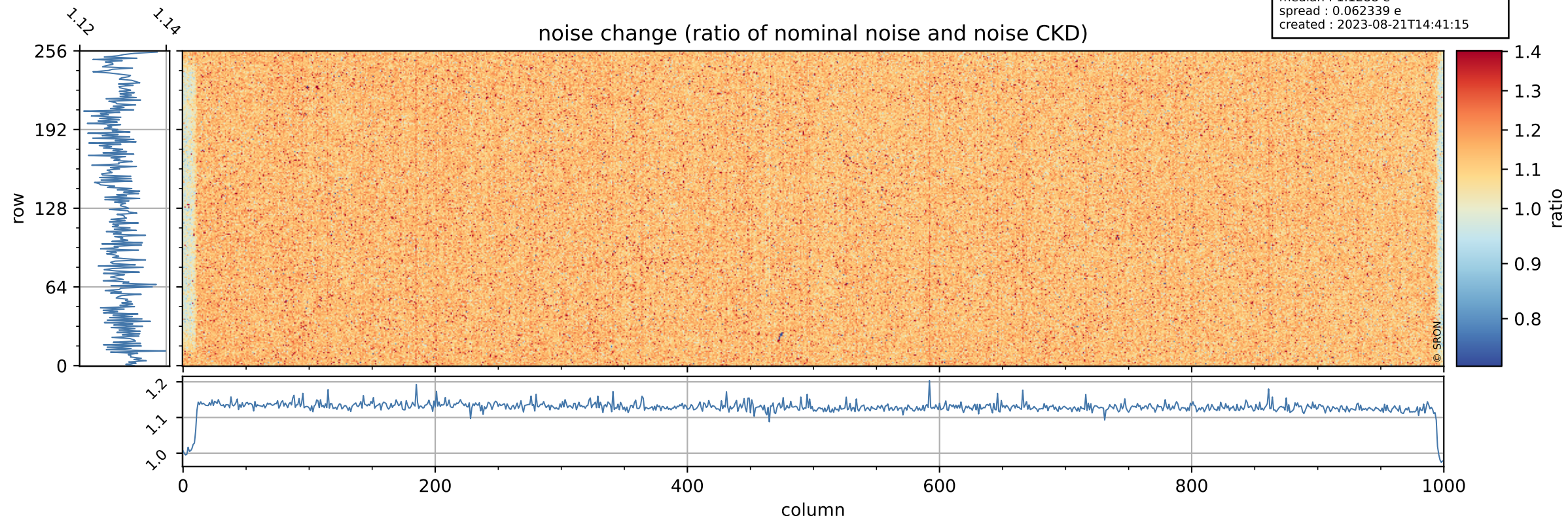
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
median : 1.0023 e
spread : 0.0081326 e
created : 2023-08-21T14:41:15



Tropomi SWIR background noise (swir)

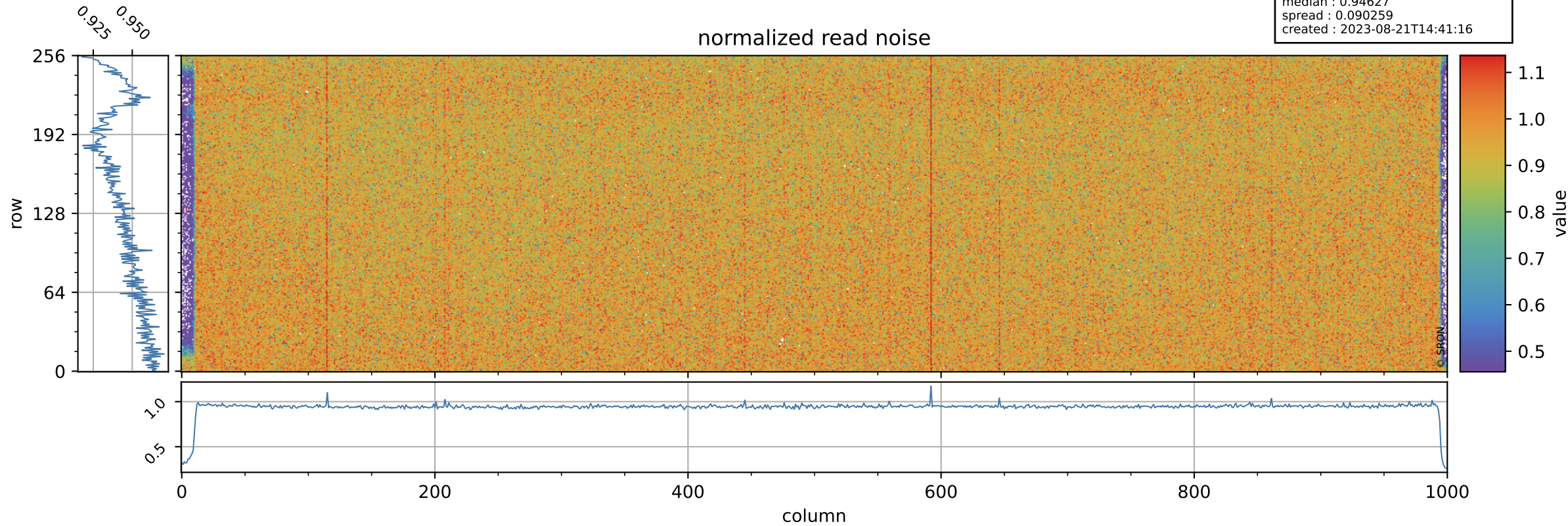
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
median : 1.1288 e
spread : 0.062339 e
created : 2023-08-21T14:41:15



Tropomi SWIR background noise (swir)

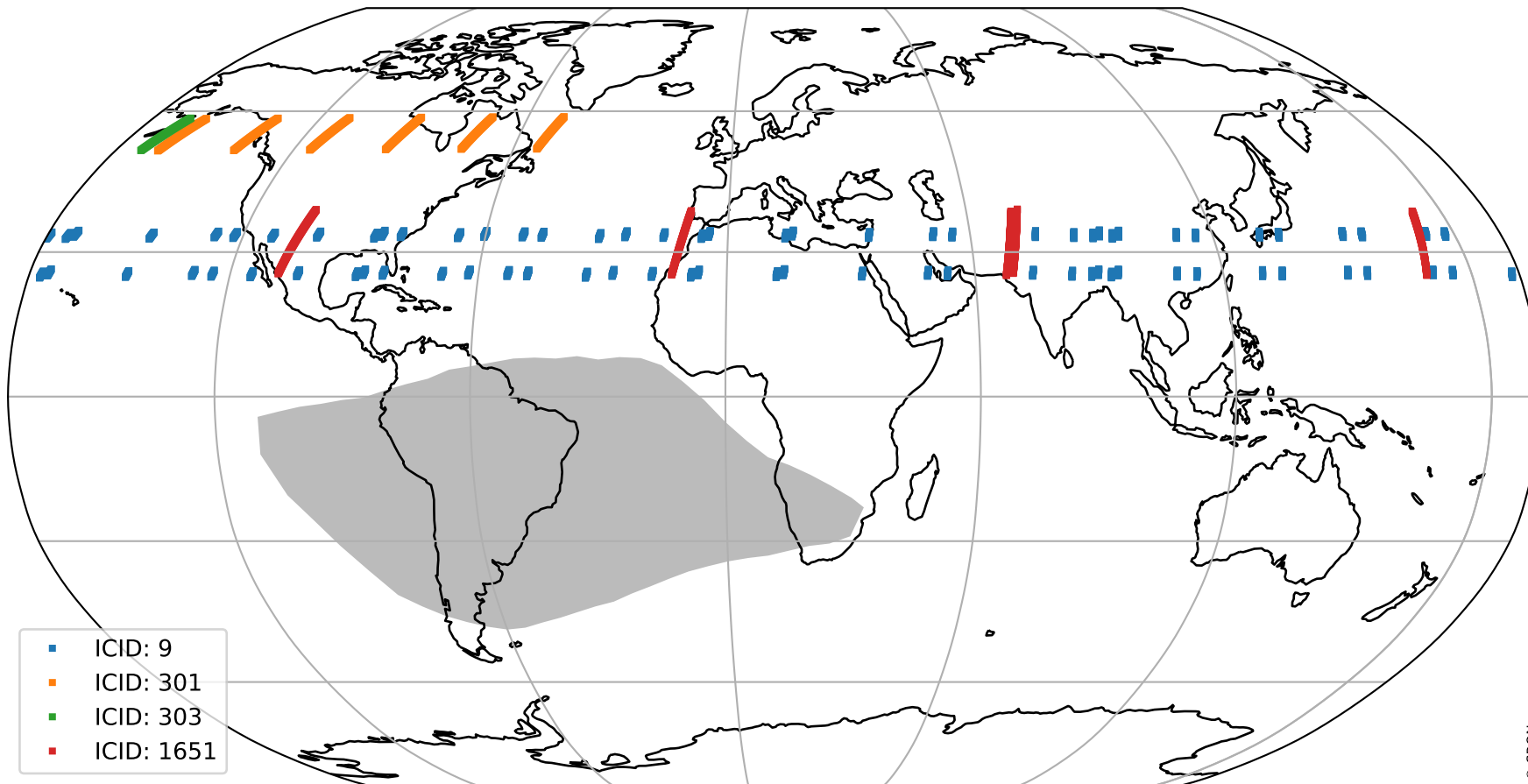
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
median : 0.94627
spread : 0.090259
created : 2023-08-21T14:41:16

normalized read noise



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

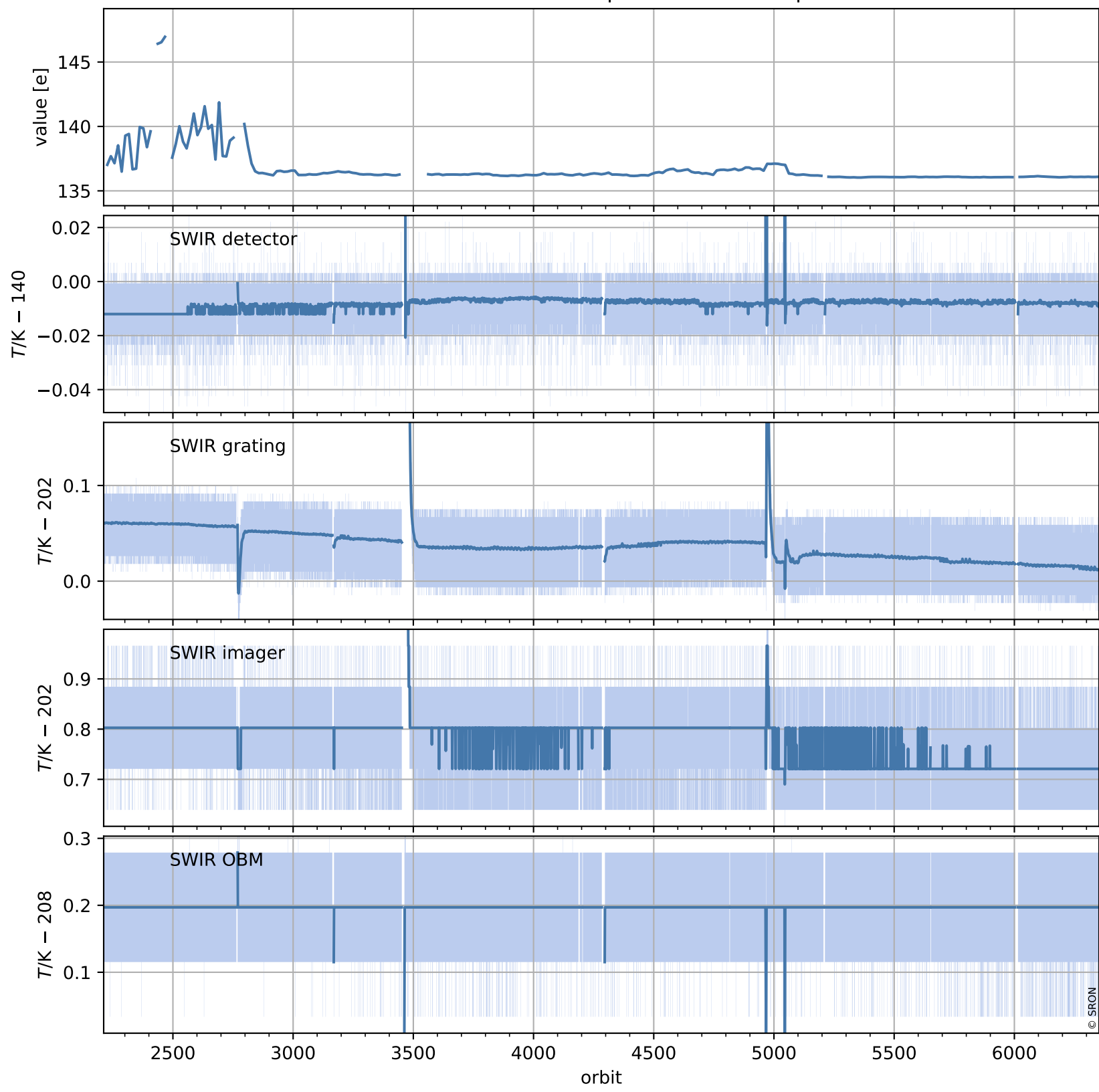
orbits : 12 in [6262, 6352]
coverage : 2018-12-29 / 2019-01-03
created : 2023-08-21T14:41:16



Tropomi SWIR background noise (swir)

orbits : [2212, 6352]
coverage : 2018-03-18 / 2019-01-03
created : 2023-08-21T14:41:16

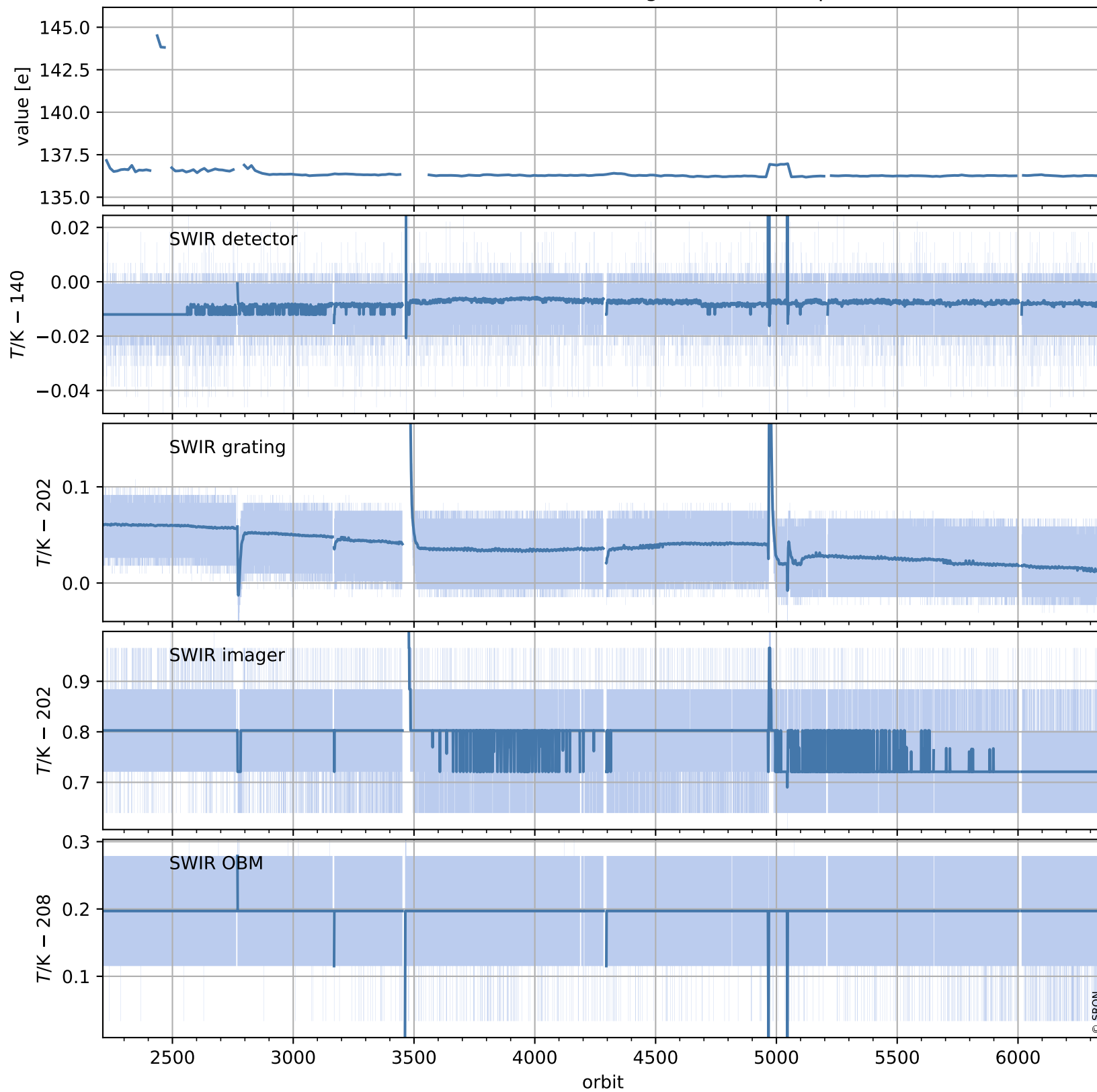
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6352]
coverage : 2018-03-18 / 2019-01-03
created : 2023-08-21T14:41:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6352]
coverage : 2018-03-18 / 2019-01-03
created : 2023-08-21T14:41:17

trend of normalized read-noise & temperatures

