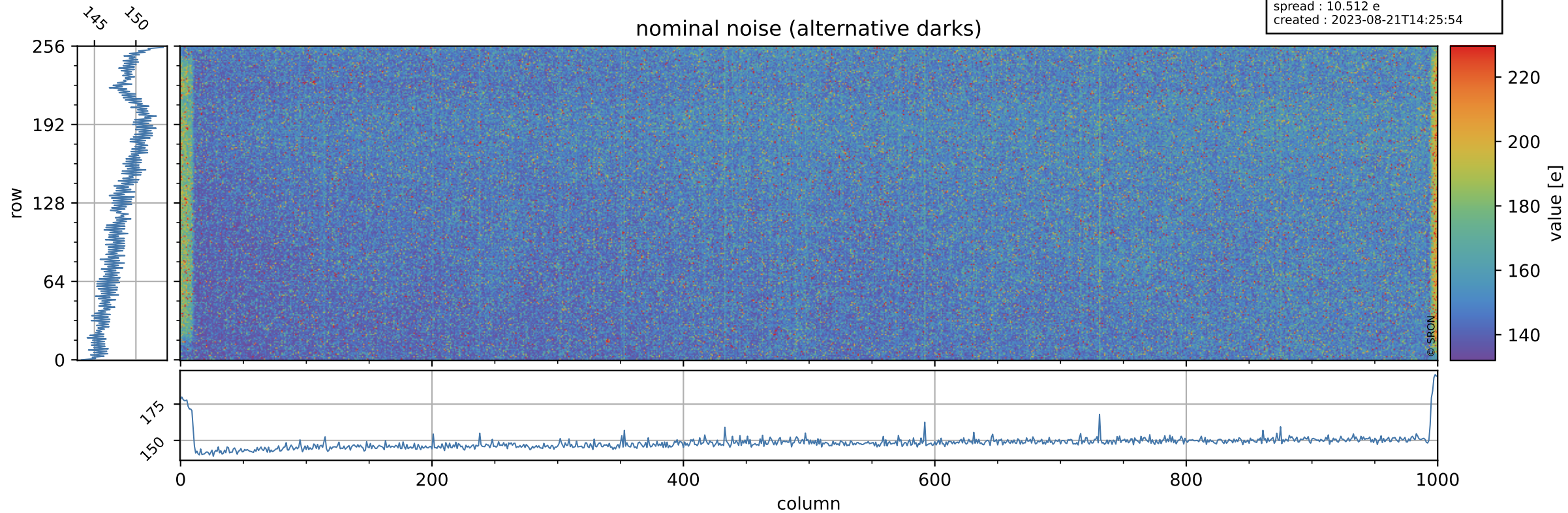


Tropomi SWIR background noise (swir)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.512 e
created : 2023-08-21T14:25:54

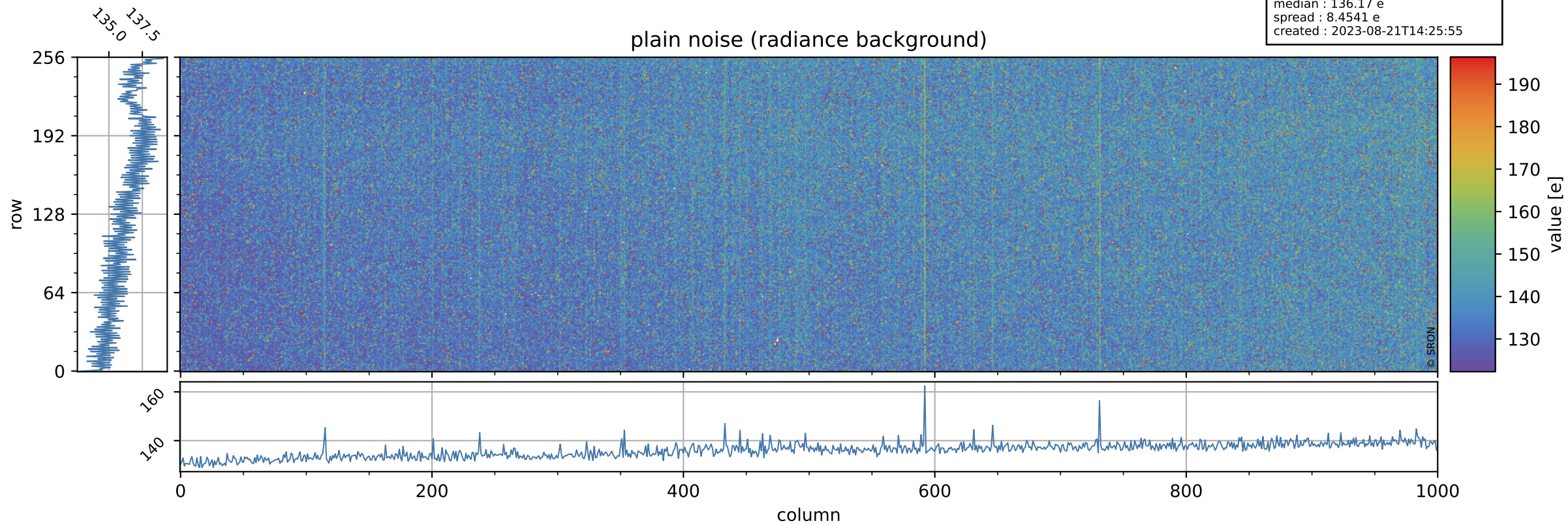
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.4541 e
created : 2023-08-21T14:25:55

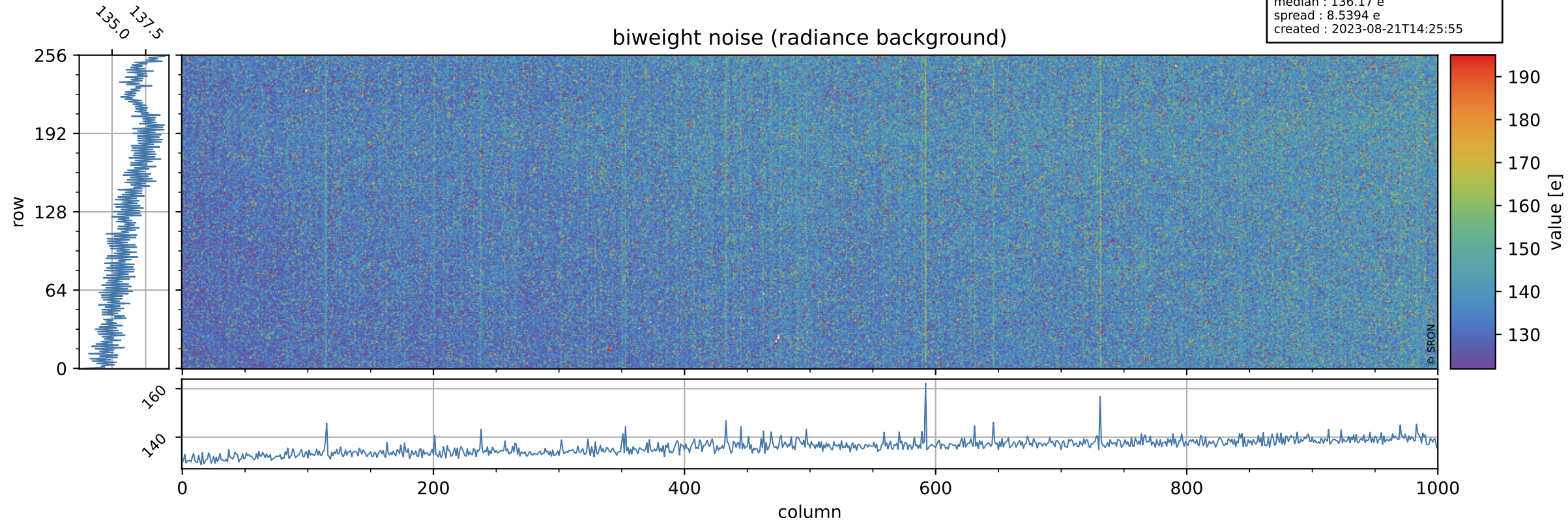
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.5394 e
created : 2023-08-21T14:25:55

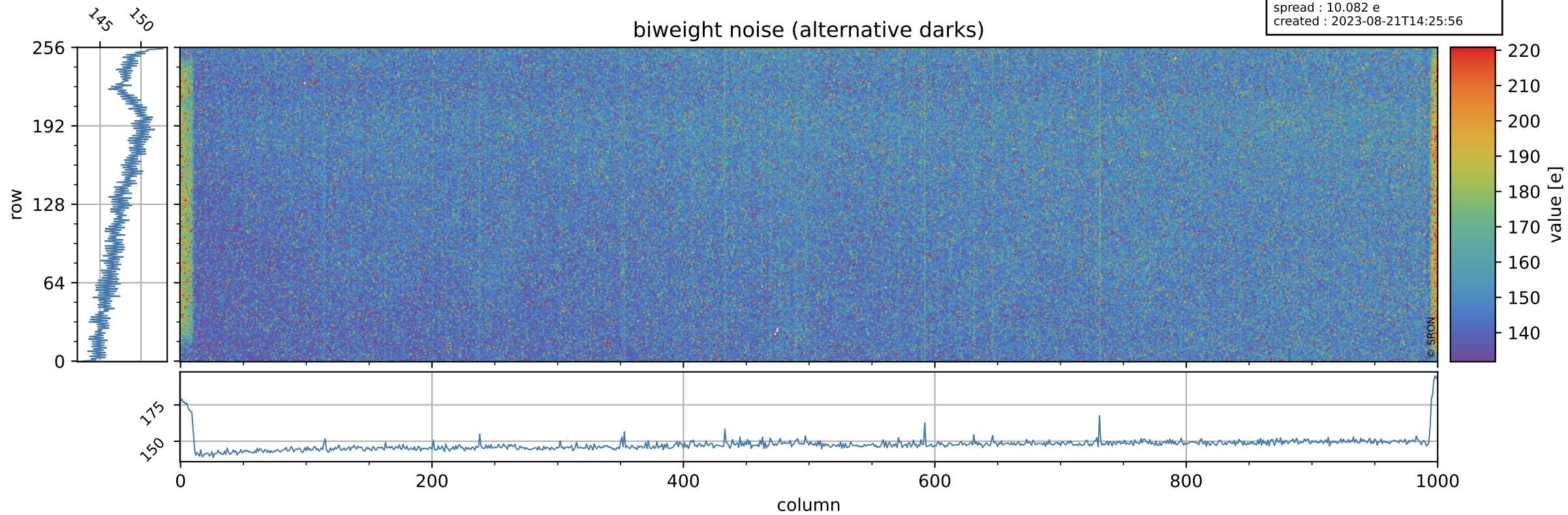
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 10.082 e
created : 2023-08-21T14:25:56

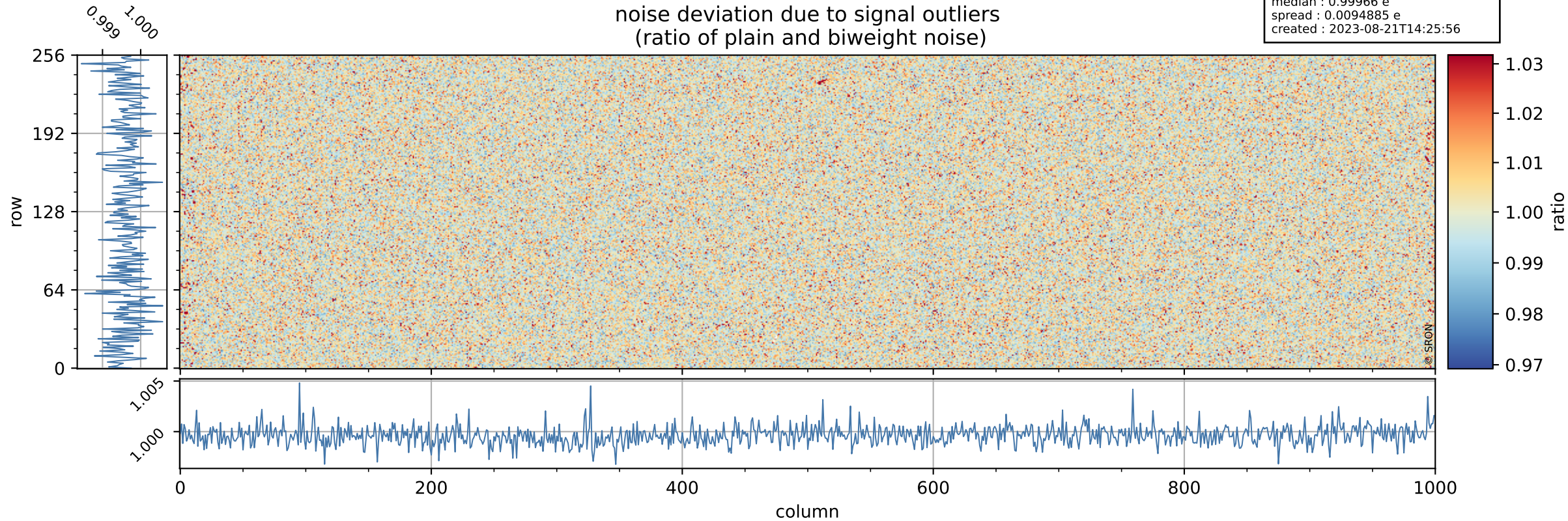
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

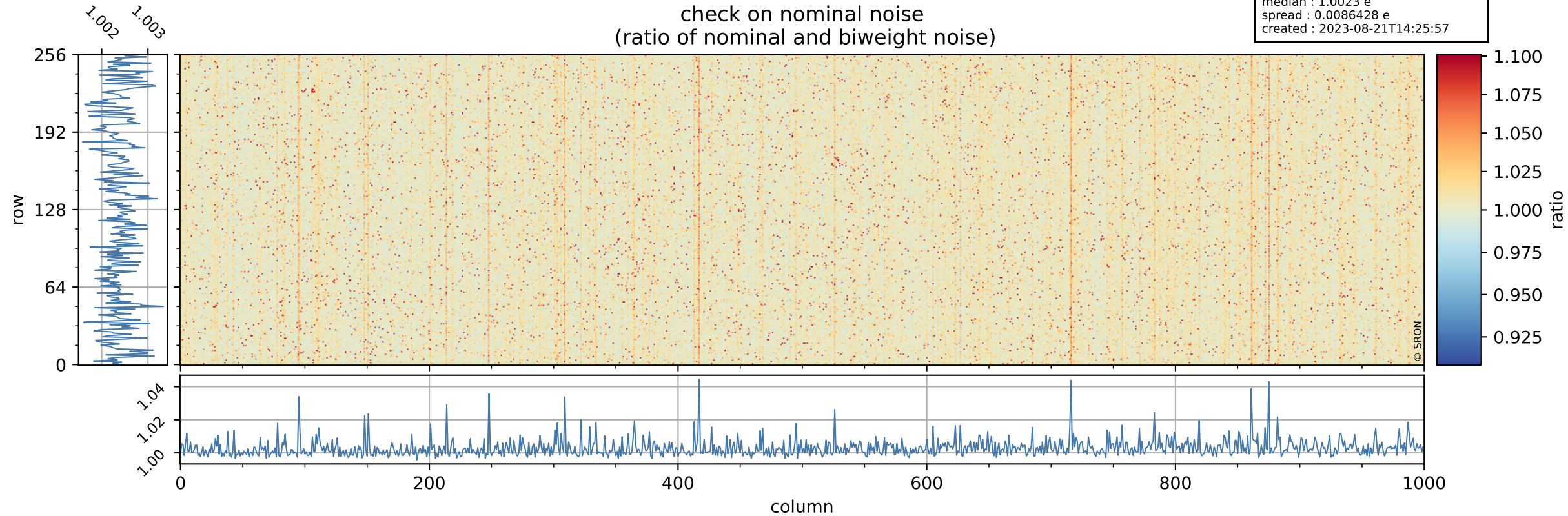
orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
median : 0.99966 e
spread : 0.0094885 e
created : 2023-08-21T14:25:56



Tropomi SWIR background noise (swir)

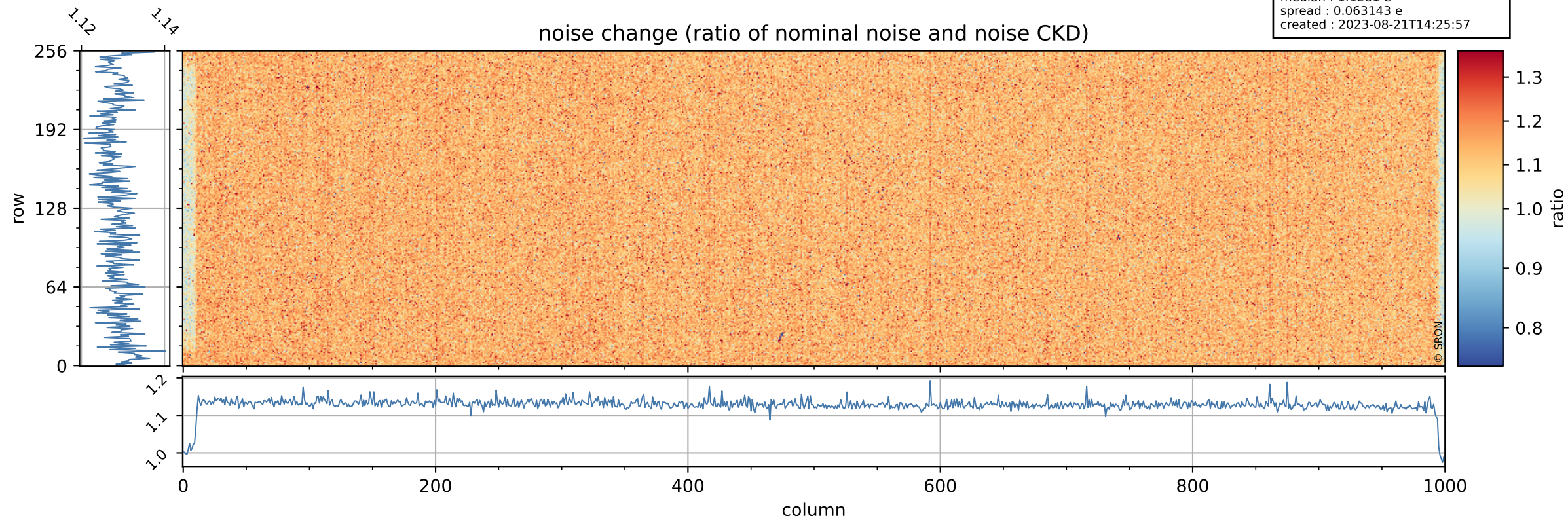
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
median : 1.0023 e
spread : 0.0086428 e
created : 2023-08-21T14:25:57



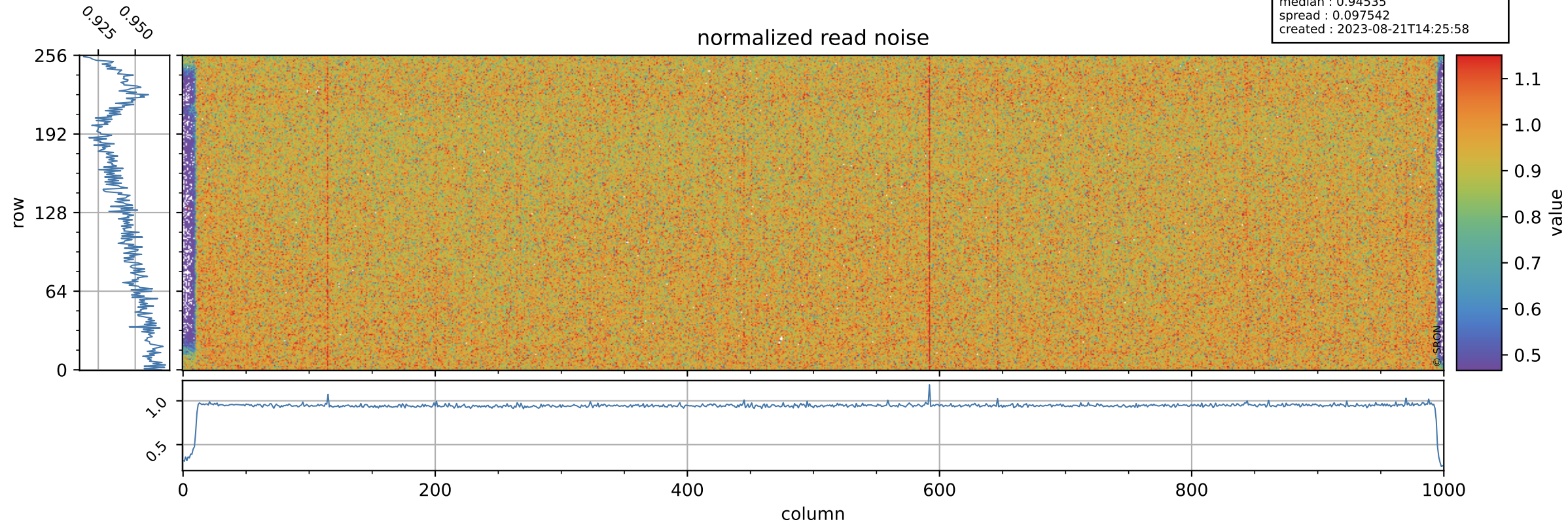
Tropomi SWIR background noise (swir)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
median : 1.1281 e
spread : 0.063143 e
created : 2023-08-21T14:25:57



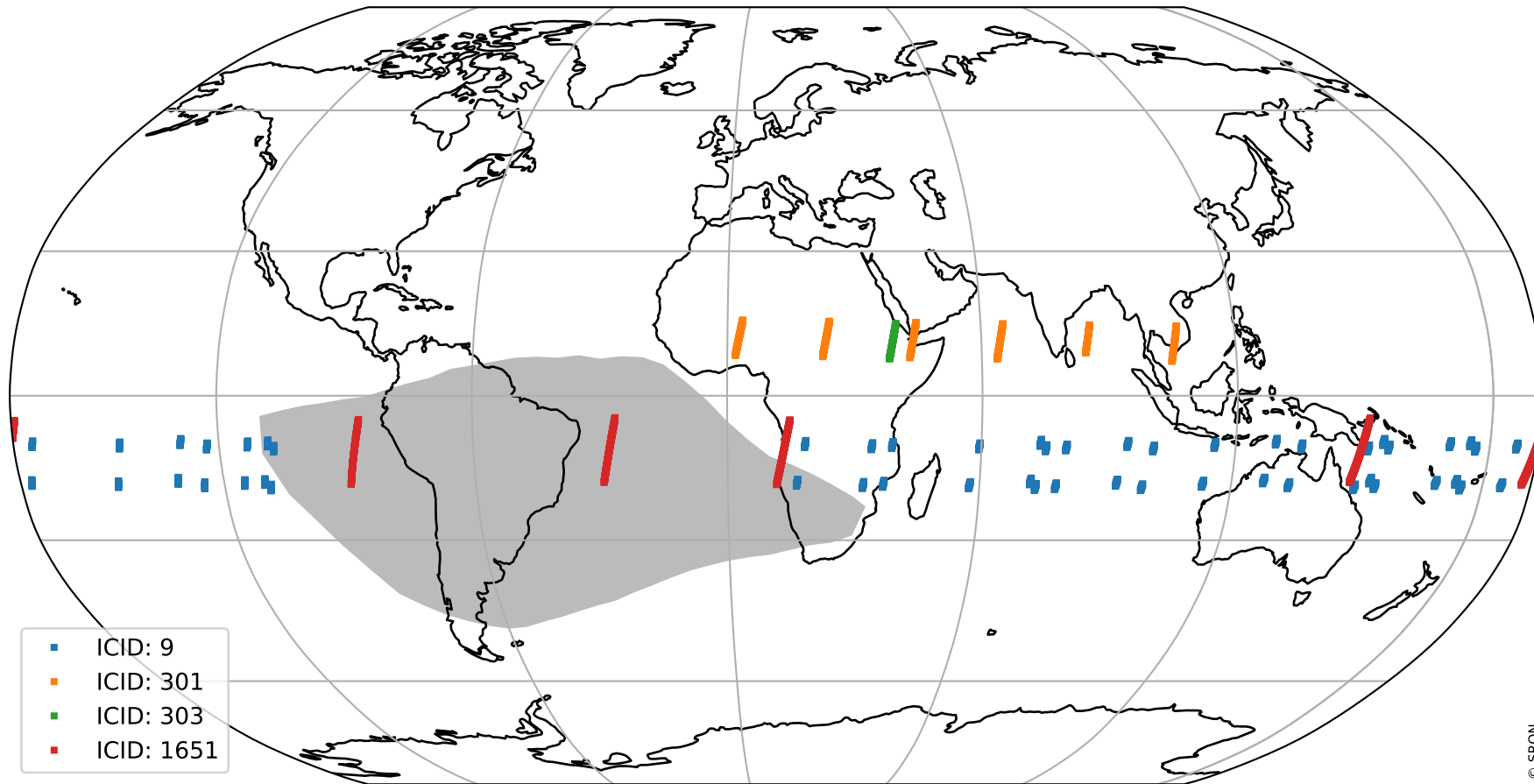
Tropomi SWIR background noise (swir)

orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
median : 0.94535
spread : 0.097542
created : 2023-08-21T14:25:58



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

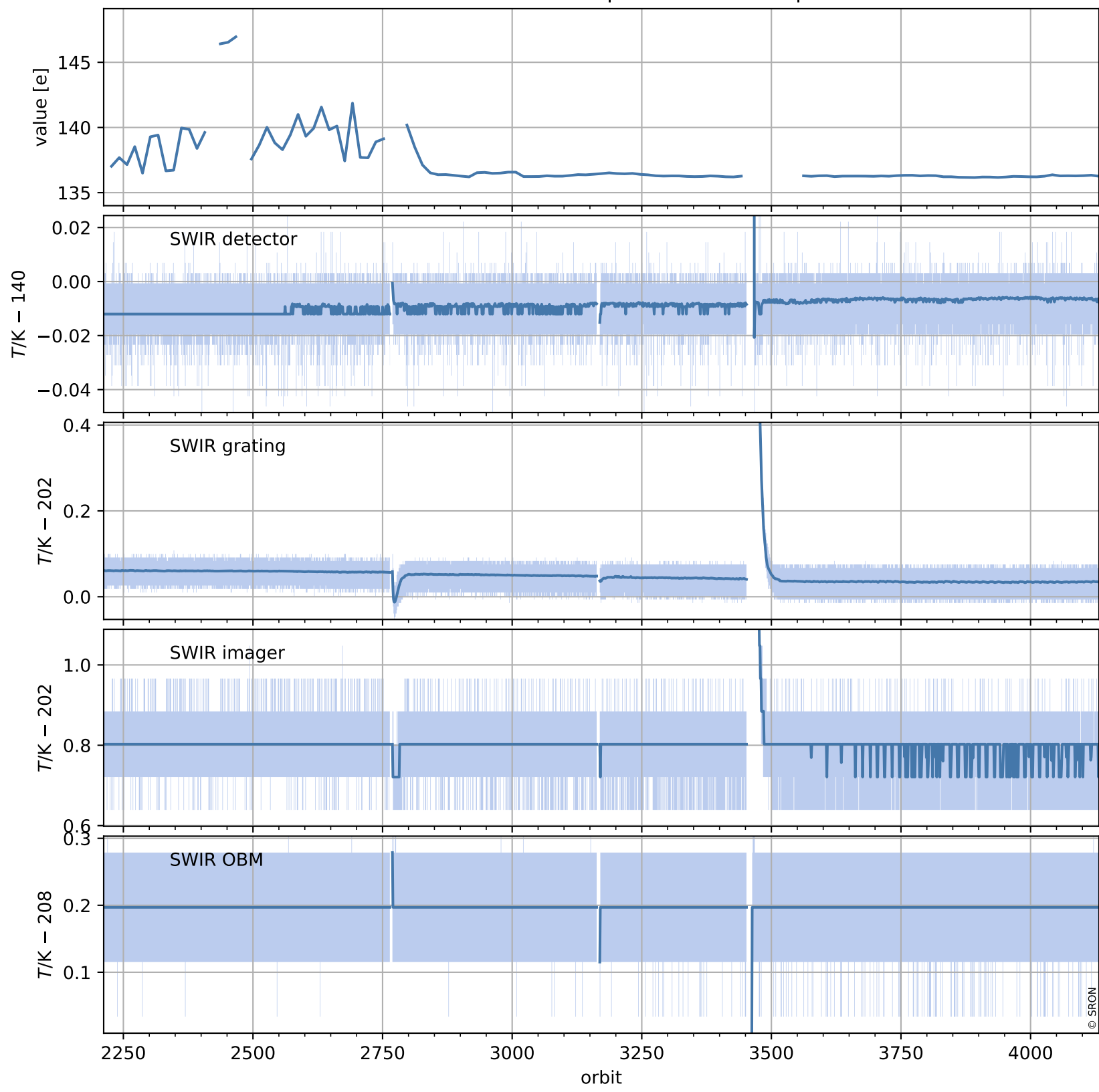
orbits : 12 in [4042, 4132]
coverage : 2018-07-25 / 2018-07-31
created : 2023-08-21T14:25:58



Tropomi SWIR background noise (swir)

orbits : [2212, 4132]
coverage : 2018-03-18 / 2018-07-31
created : 2023-08-21T14:25:58

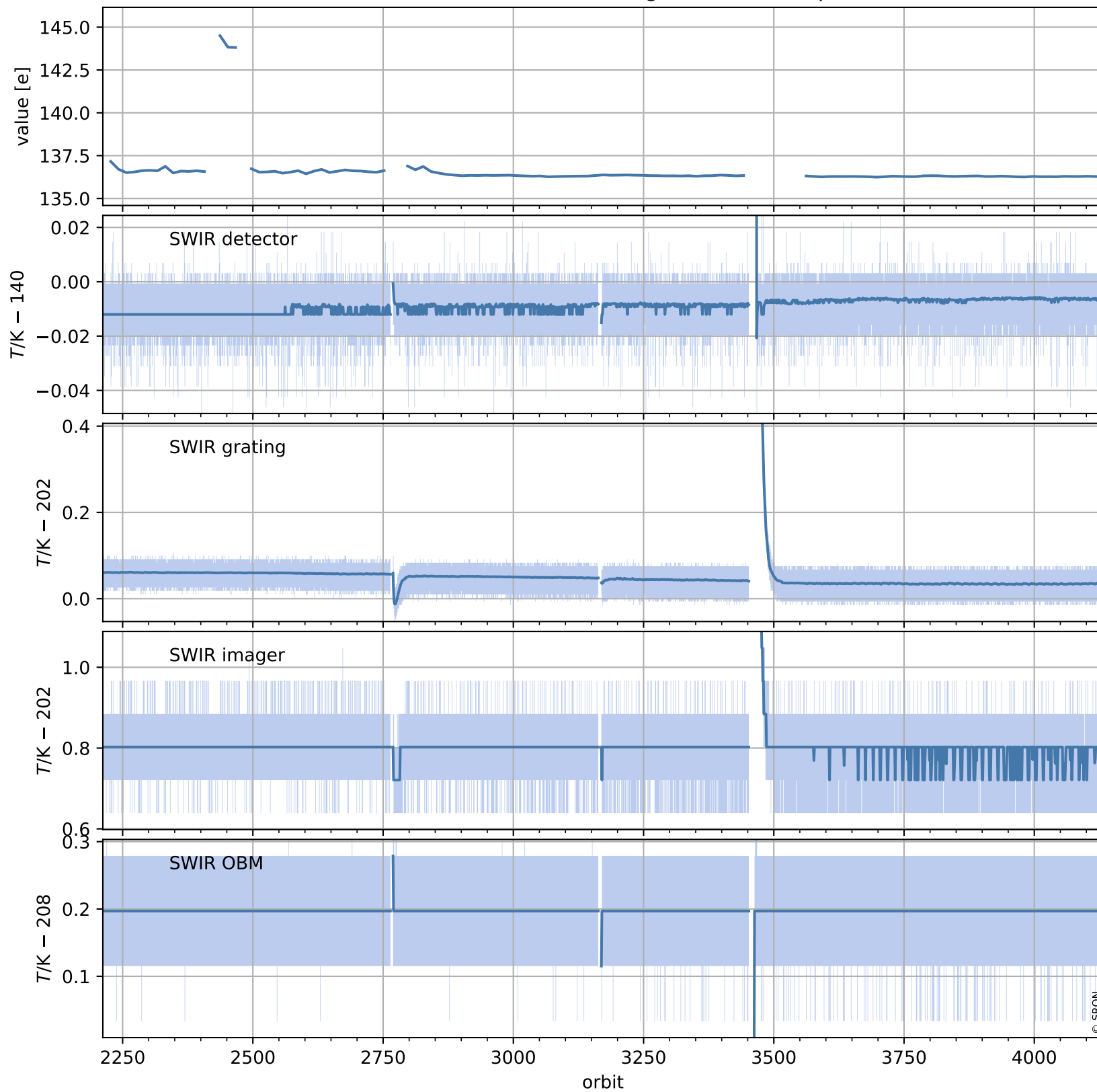
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4132]
coverage : 2018-03-18 / 2018-07-31
created : 2023-08-21T14:25:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4132]
coverage : 2018-03-18 / 2018-07-31
created : 2023-08-21T14:26:00

trend of normalized read-noise & temperatures

