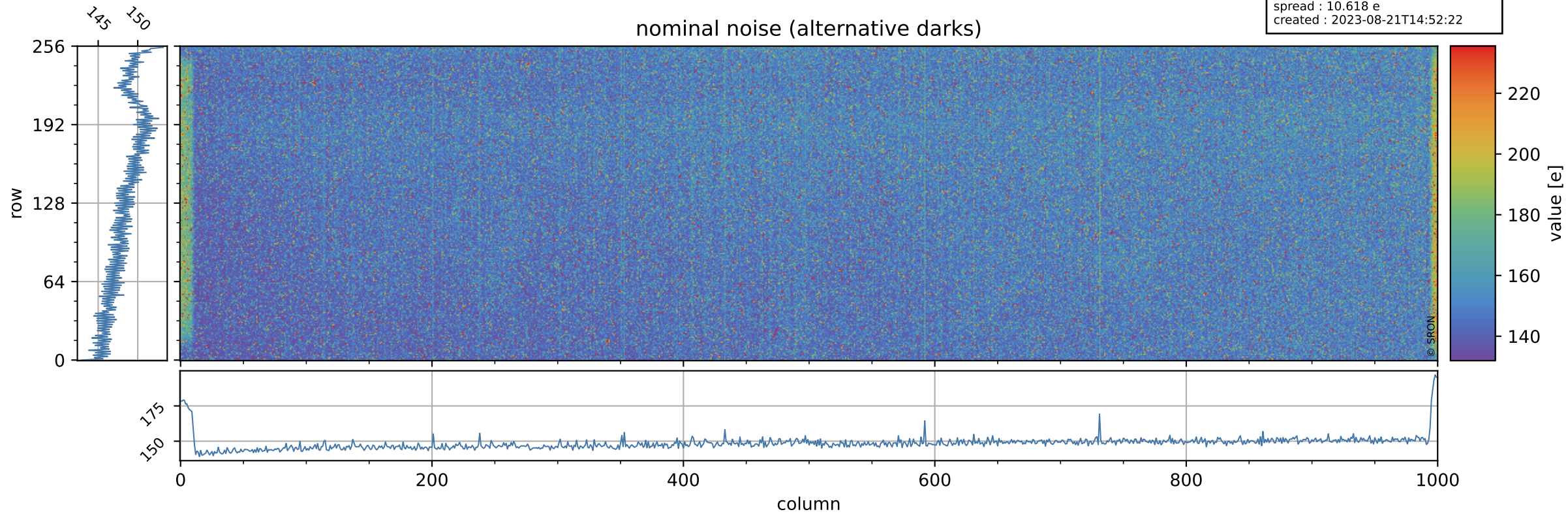


Tropomi SWIR background noise (swir)

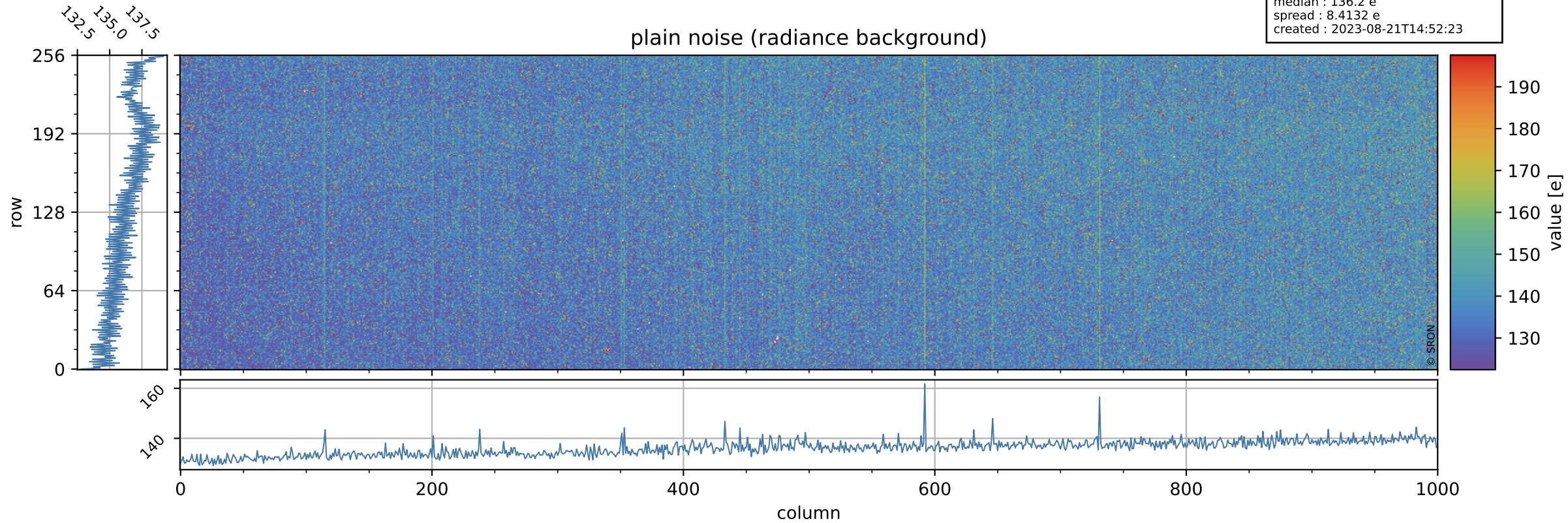
orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.618 e
created : 2023-08-21T14:52:22



Tropomi SWIR background noise (swir)

orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4132 e
created : 2023-08-21T14:52:23

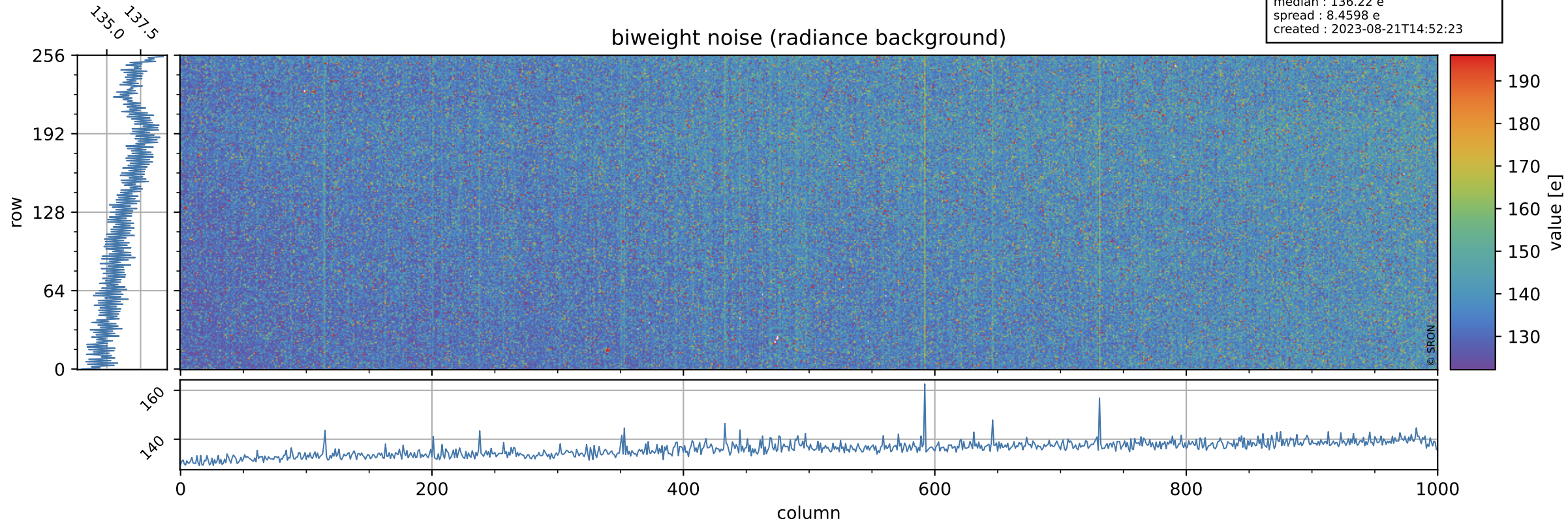
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4598 e
created : 2023-08-21T14:52:23

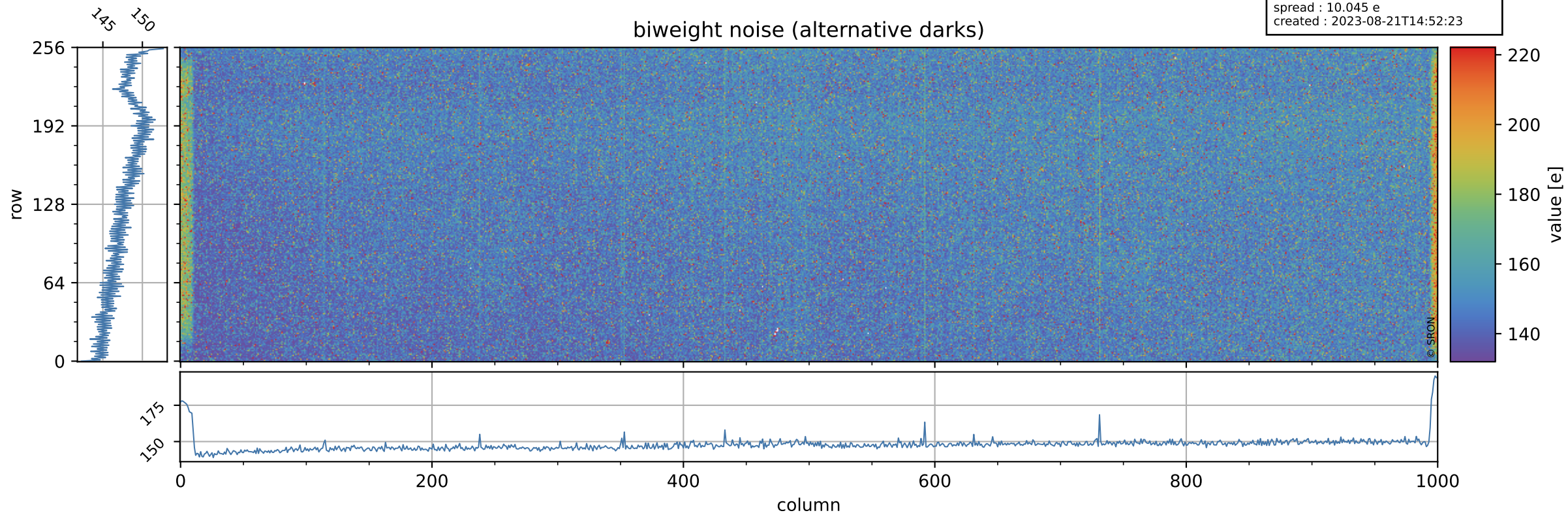
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.045 e
created : 2023-08-21T14:52:23

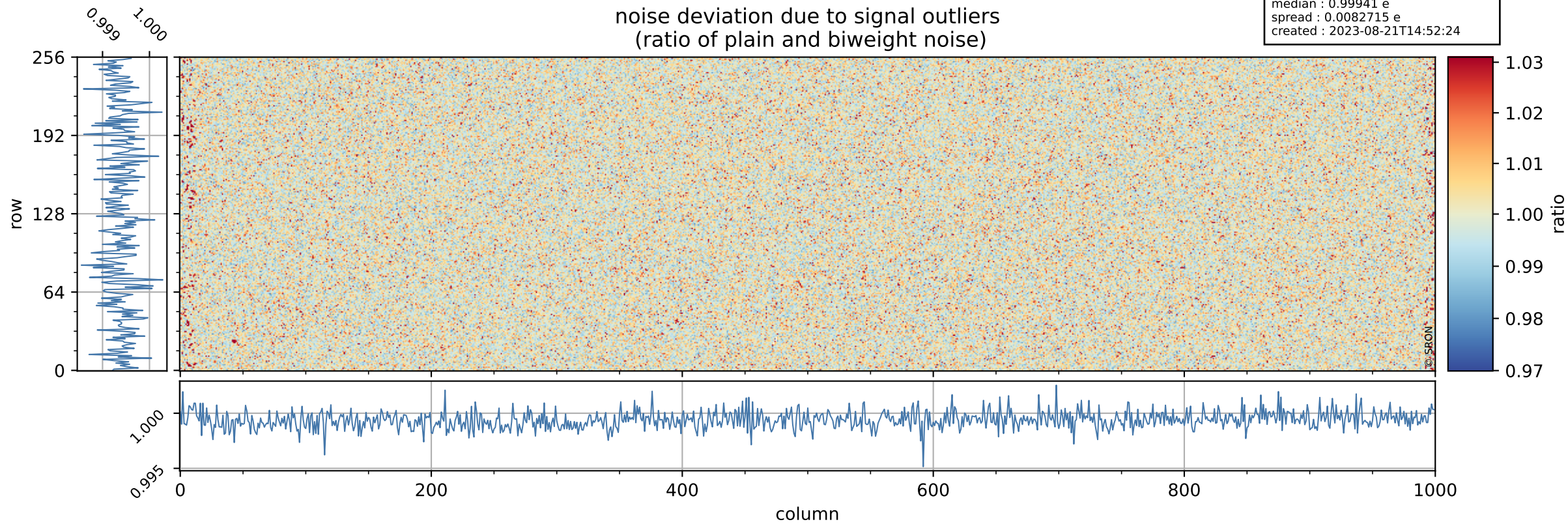
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

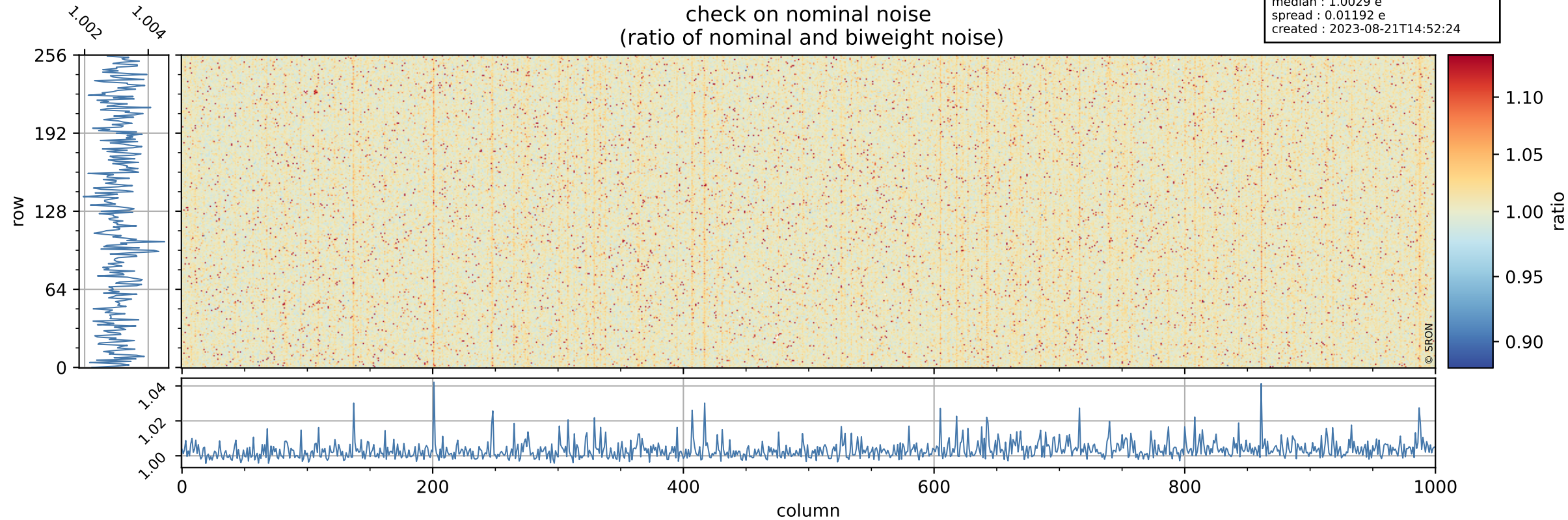
orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
median : 0.99941 e
spread : 0.0082715 e
created : 2023-08-21T14:52:24



Tropomi SWIR background noise (swir)

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

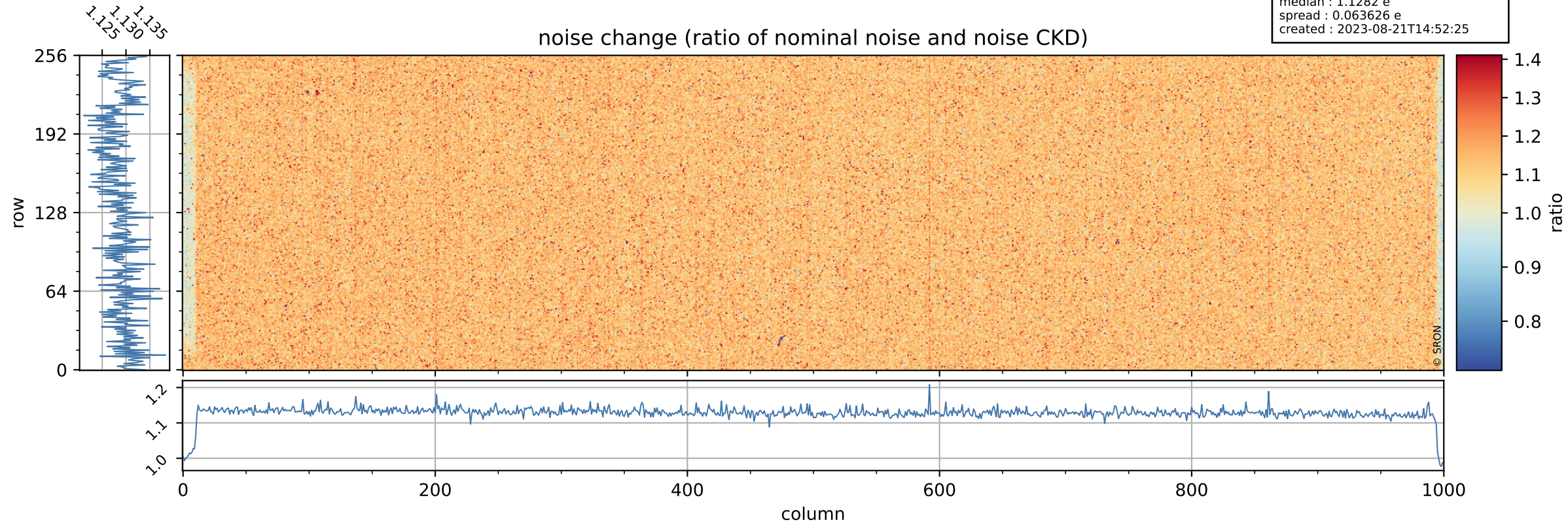
orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
median : 1.0029 e
spread : 0.01192 e
created : 2023-08-21T14:52:24



Tropomi SWIR background noise (swir)

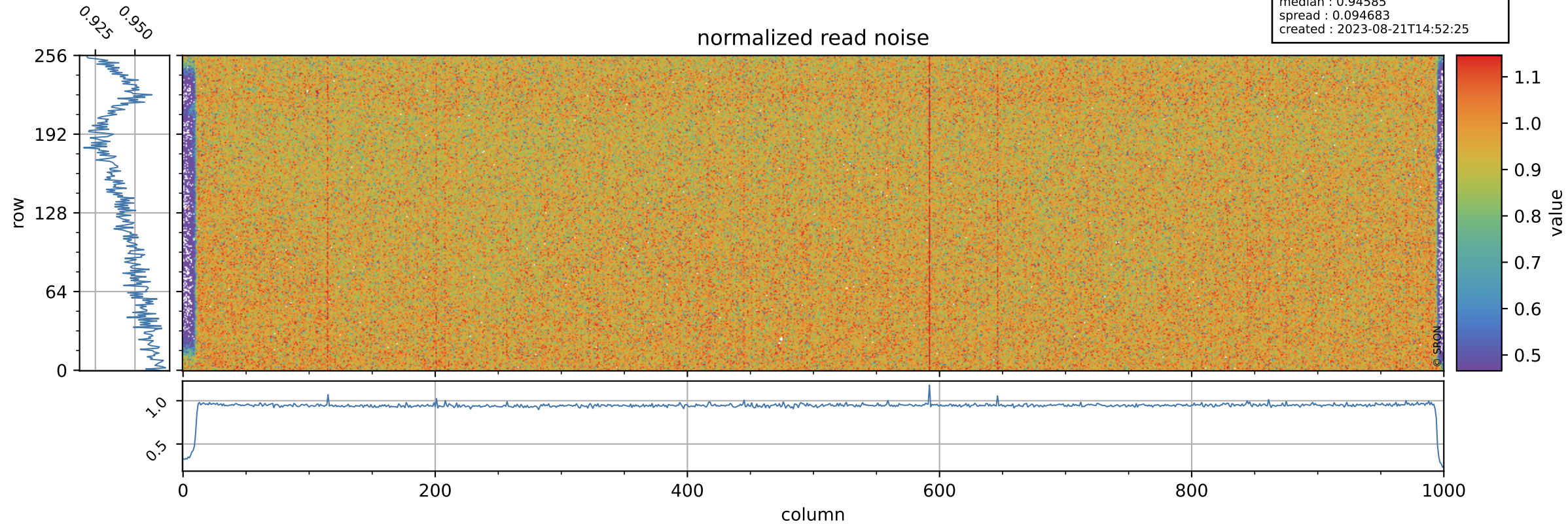
orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
median : 1.1282 e
spread : 0.063626 e
created : 2023-08-21T14:52:25

noise change (ratio of nominal noise and noise CKD)



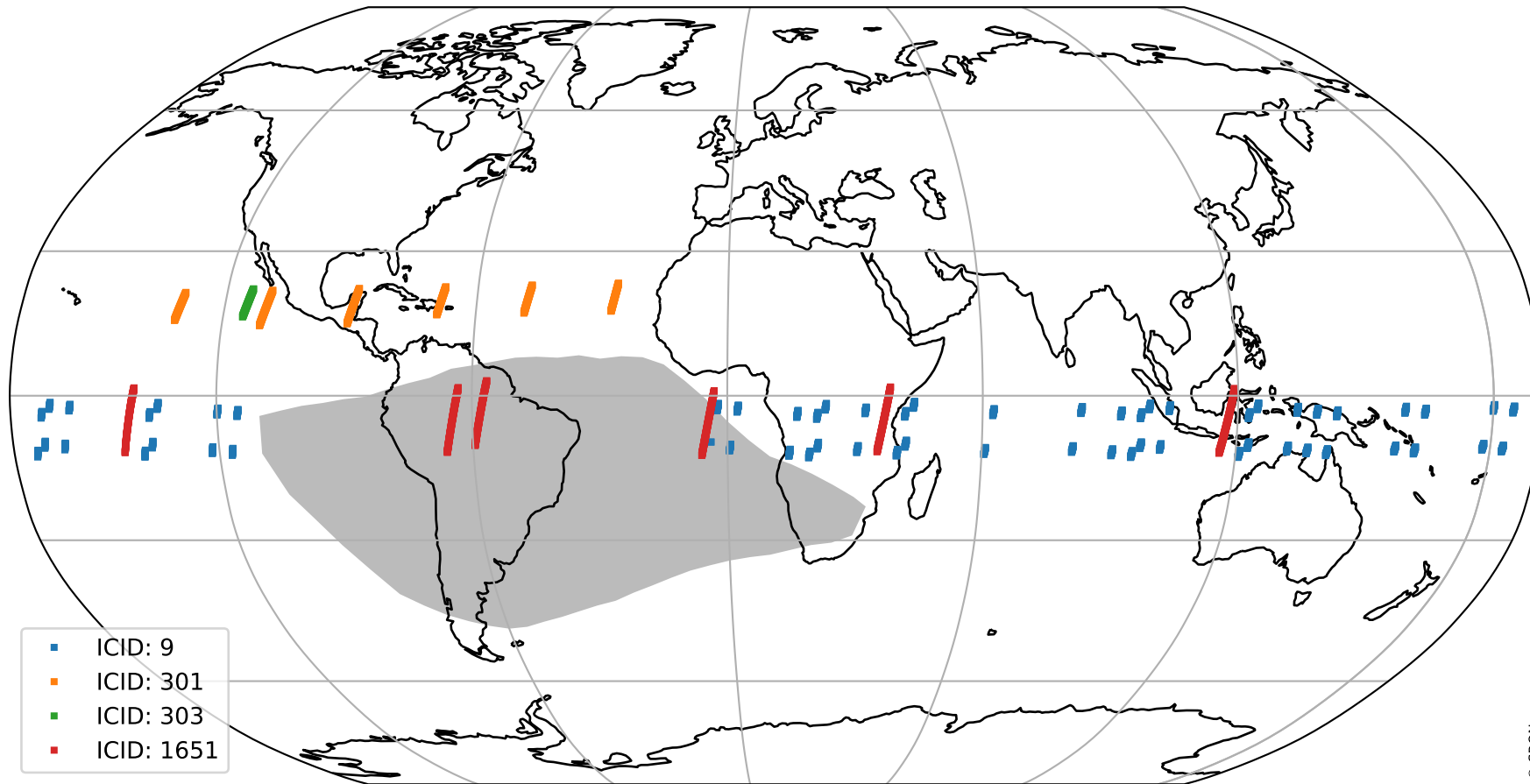
Tropomi SWIR background noise (swir)

orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
median : 0.94585
spread : 0.094683
created : 2023-08-21T14:52:25



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

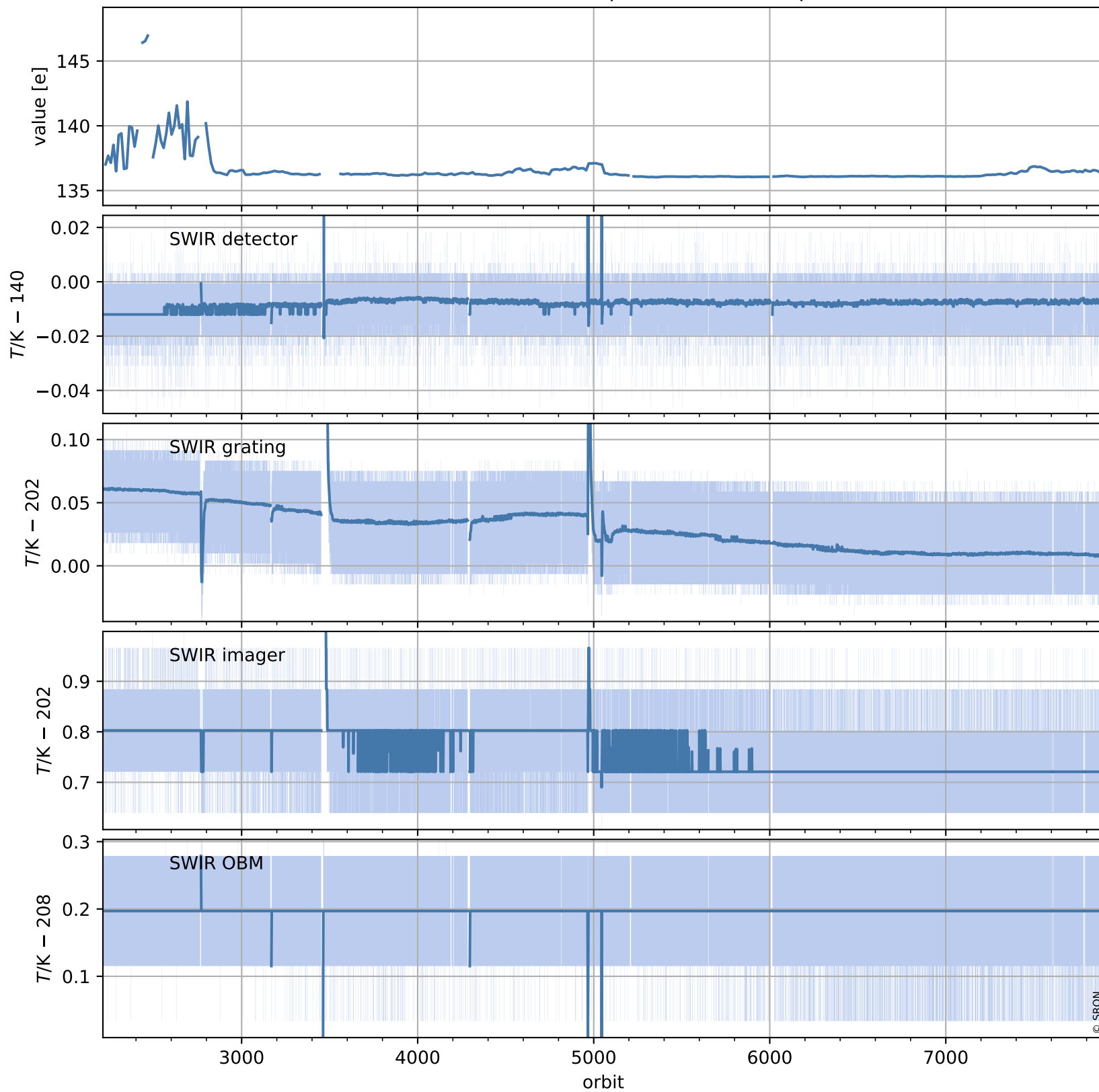
orbits : 13 in [7807, 7897]
coverage : 2019-04-17 / 2019-04-23
created : 2023-08-21T14:52:25



Tropomi SWIR background noise (swir)

orbits : [2212, 7897]
coverage : 2018-03-18 / 2019-04-23
created : 2023-08-21T14:52:26

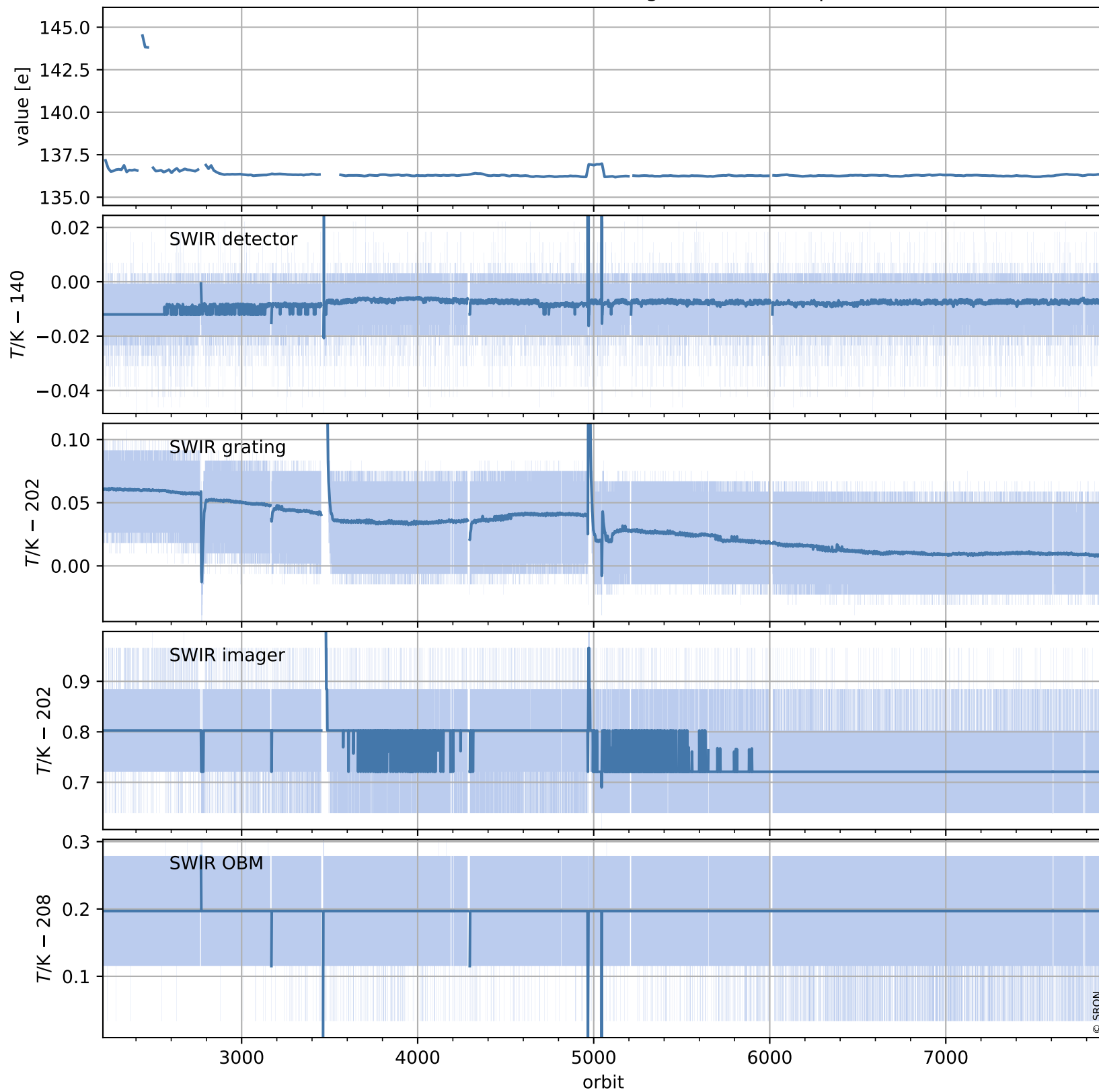
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7897]
coverage : 2018-03-18 / 2019-04-23
created : 2023-08-21T14:52:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7897]
coverage : 2018-03-18 / 2019-04-23
created : 2023-08-21T14:52:27

trend of normalized read-noise & temperatures

