

Report on single dish monitoring: Hitachi 32m, Japan

December 13, 2017
on behalf of Koichiro Sugiyama

1 Summary

We have been also continuing the monitor of the 6.7 GHz methanol masers using the Hitachi 32-m, including G25.65+1.05 and W49N, and let me share plots for time variations of G25.65 as attached files:

Fig 1. All the Hitachi monitor data since 2013/01/02

Fig 2. close-up since 2015/09/18

- > From Mateusz Olech
- > there are some fluctuations but right on the border of our 10%
- > calibration precision so its nothing certain,
- > unless other observatories see something similar?

Thank you so much for your sharing the important results of the 6.7 GHz methanol masers, and our results seem to be the same that has not shown drastic flux variations, unlike the water masers.

Also, the methanol maser in W49N has shown no drastic flux variations. We will share such a information with all if there happen the drastic flux variations at 6.7 GHz.

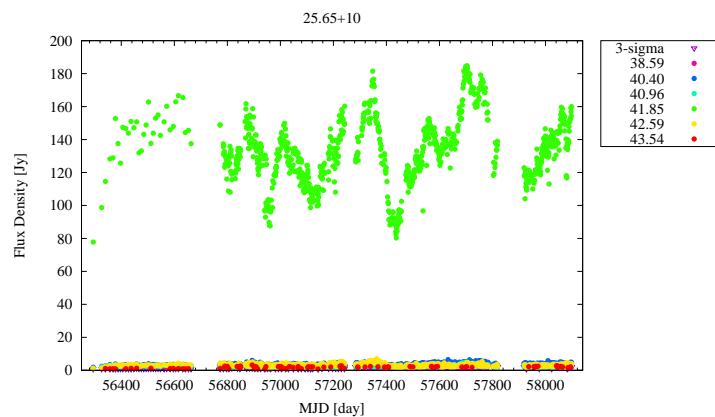


Figure 1: Monitoring data of G25 at 6.7 GHz

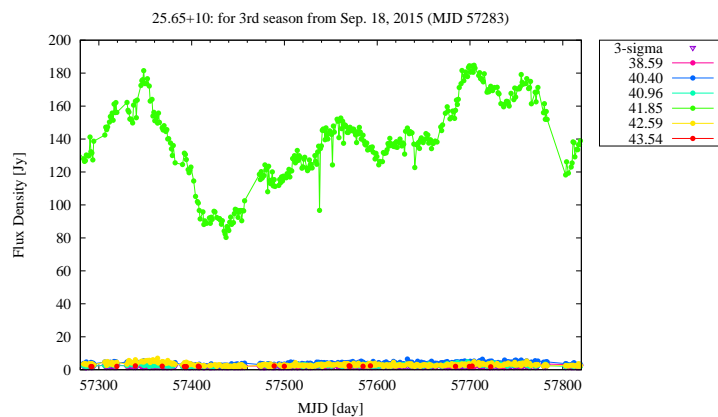


Figure 2: Monitoring data of G25 at 6.7 GHz, close-up since 2015/09/18