

## NenuFAR FRB Observation Weekly Report

Date : Wed Jun 28 09:18:01 UTC 2023

Observation between the last friday and this friday in PULSAR and TF modes

There are 4 new Observation(s) in PULSAR mode this week:

Obs Date : 20230612	Obs Name : FRB180916
Obs Date : 20230625	Obs Name : FRB20220912A
Obs Date : 20230626	Obs Name : FRB20220912A
Obs Date : 20230627	Obs Name : FRB20220912A

There are 4 new Observation(s) in TF mode this week:

Obs Date : 20230612	Obs Name : FRB20180916B
Obs Date : 20230625	Obs Name : FRB20220912A
Obs Date : 20230626	Obs Name : FRB20220912A
Obs Date : 20230627	Obs Name : FRB20220912A

### Comment about observation

!!!!!!! WARNING !!!!!!! L'Observation de FRB20180916B le 20230612 n'est pas présente dans le mode PULSAR

L'Observation de FRB20220912A observé en TF mode le 20230625 est présent dans le mode PULSAR et dans la base de donnée  
Le DM est de 218 pc/cm3 et le path est  
/databf/nenufar-pulsar/LT05/2023/06/FRB20220912A\_D20230625T0601\_60120\_253424\_0054\_BEAM1\_0001.fits

L'Observation de FRB20220912A observé en TF mode le 20230626 est présent dans le mode PULSAR et dans la base de donnée  
Le DM est de 218 pc/cm3 et le path est  
/databf/nenufar-pulsar/LT05/2023/06/FRB20220912A\_D20230626T0601\_60121\_253425\_0054\_BEAM1\_0001.fits

L'Observation de FRB20220912A observé en TF mode le 20230627 est présent dans le mode PULSAR et dans la base de donnée  
Le DM est de 218 pc/cm3 et le path est  
/databf/nenufar-pulsar/LT05/2023/06/FRB20220912A\_D20230627T0601\_60122\_253426\_0054\_BEAM1\_0001.fits

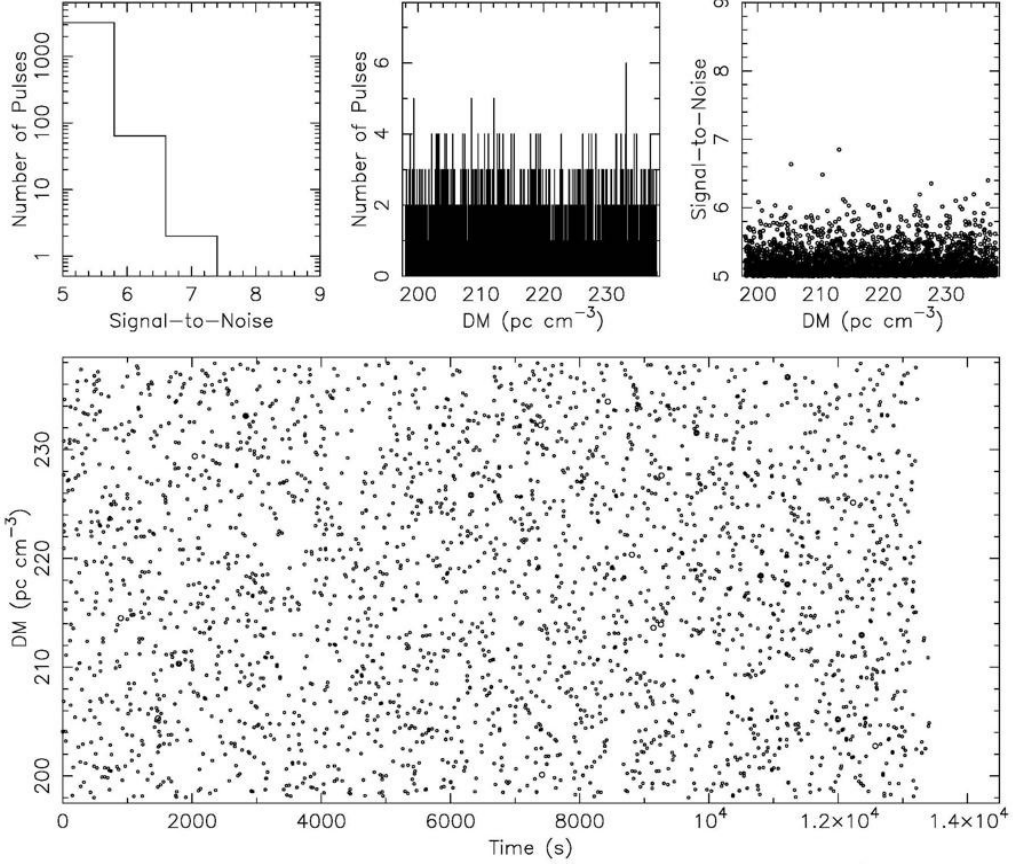
**PIPELINE 1 | Obs\_Name: FRB20220912A Date: 20230625 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3 SigmaT: 3 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230625T0601\_60120\_253424\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60120.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 10:01

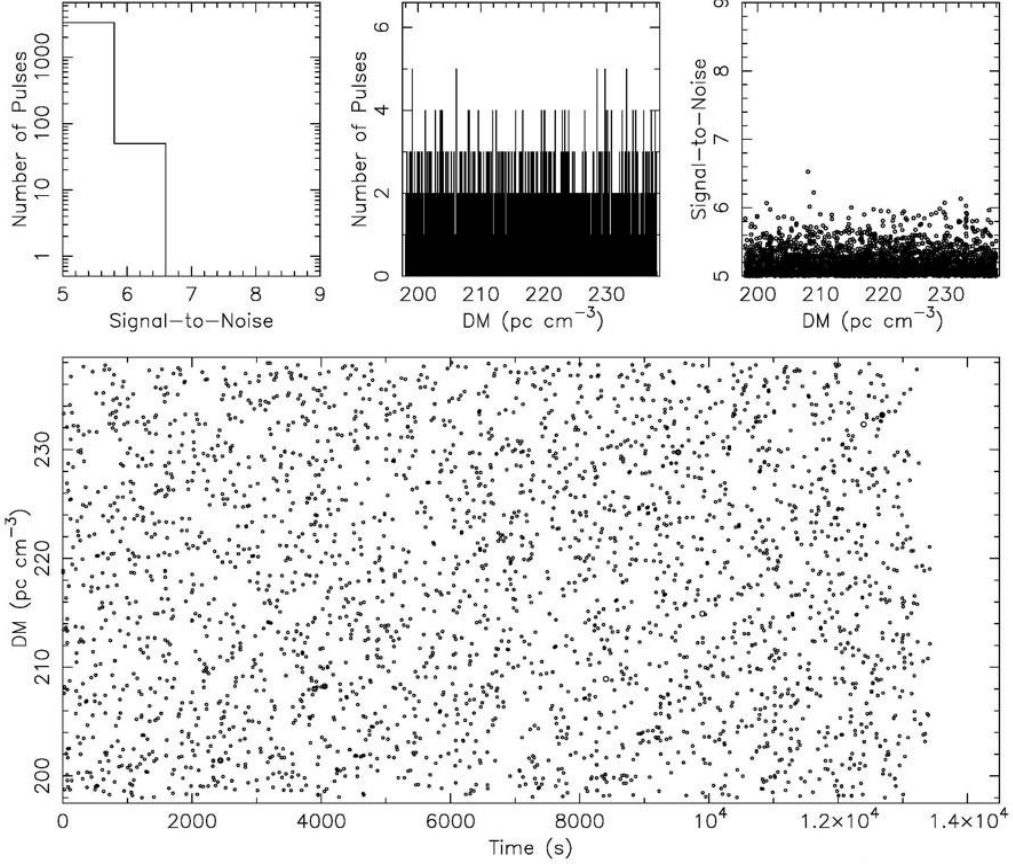
**PIPELINE 2 | Obs\_Name: FRB20220912A Date: 20230625 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3 SigmaT: 2.5 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230625T0601\_60120\_253424\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60120.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 10:45

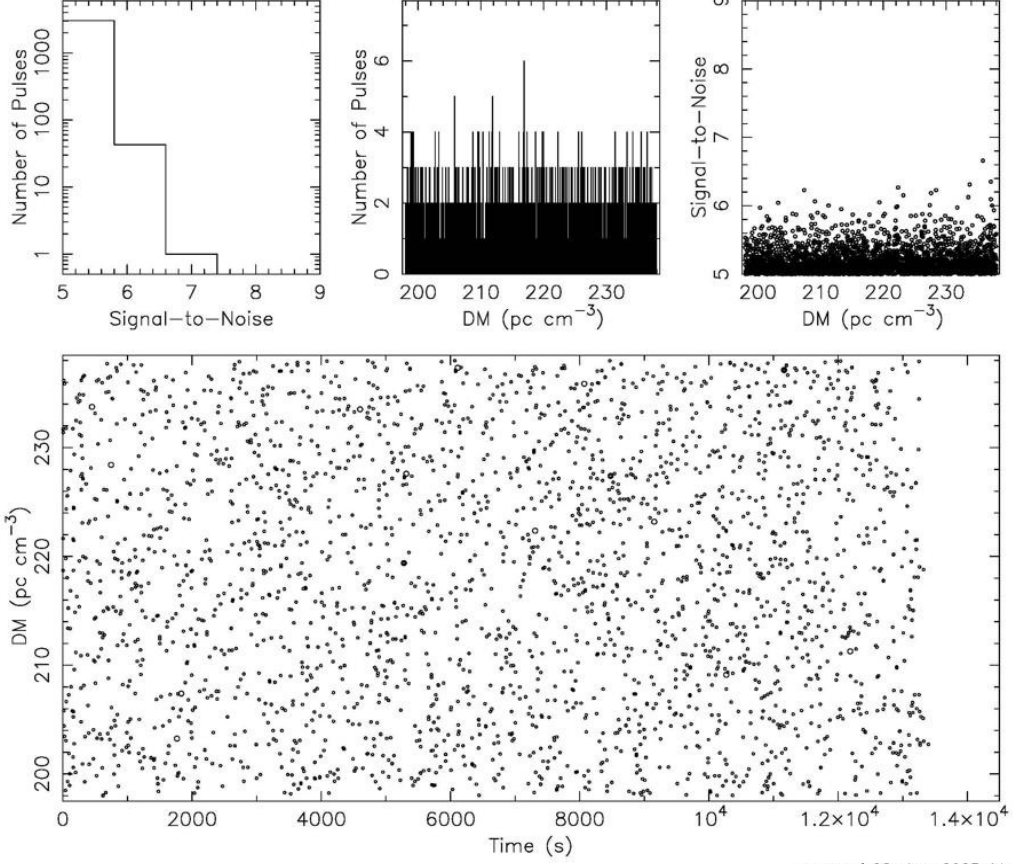
**PIPELINE 3 | Obs\_Name: FRB20220912A Date: 20230625 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3.5 SigmaT: 3.5 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230625T0601\_60120\_253424\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60120.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 11:28

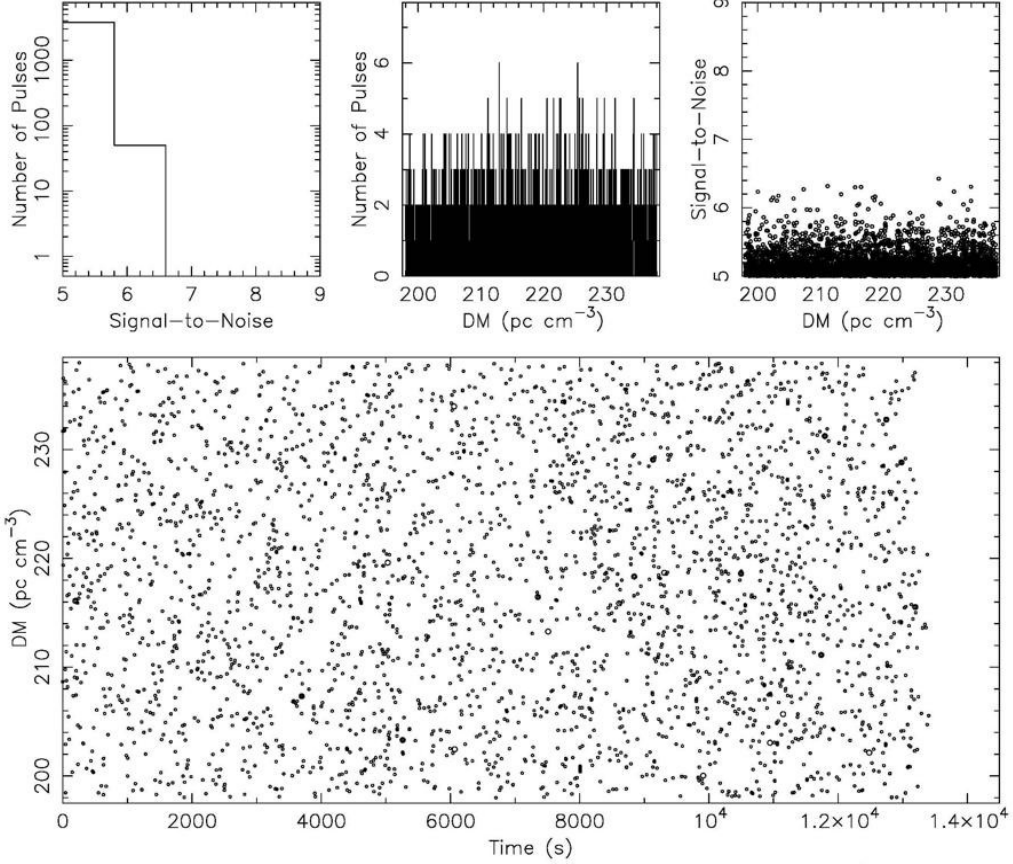
**PIPELINE 4 | Obs\_Name: FRB20220912A Date: 20230626 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3 SigmaT: 3 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230626T0601\_60121\_253425\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60121.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 12:12

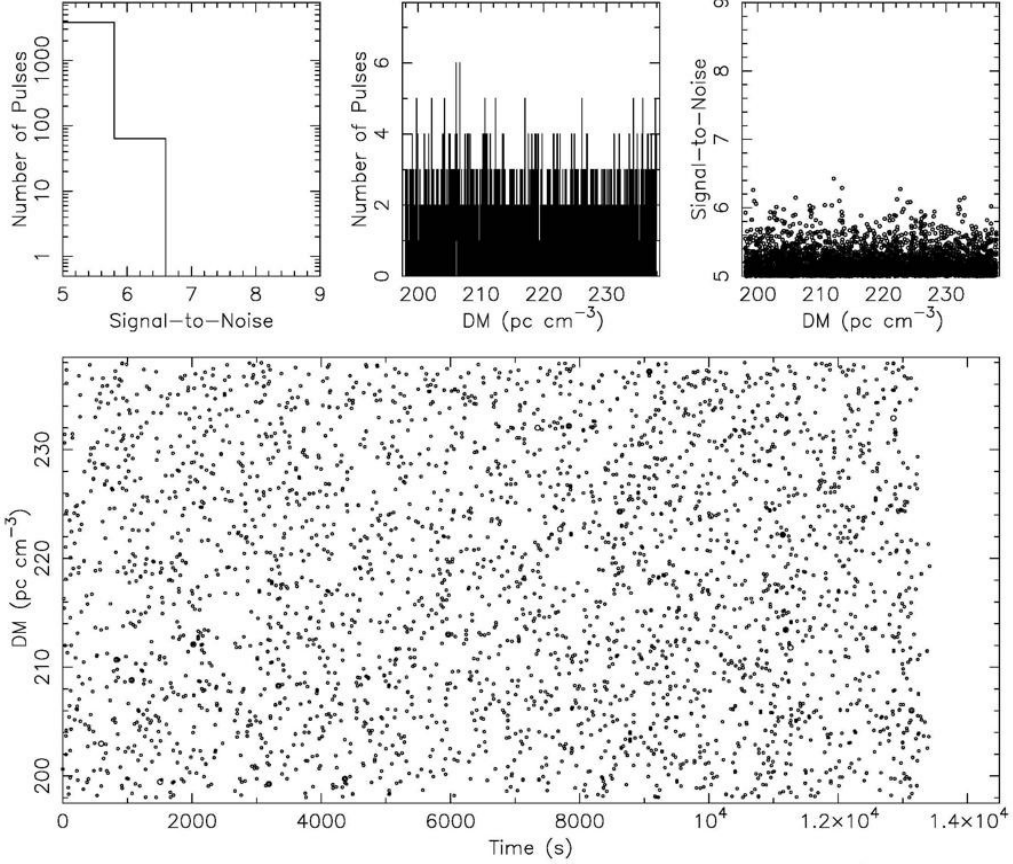
**PIPELINE 5 | Obs\_Name: FRB20220912A Date: 20230626 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3 SigmaT: 2.5 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230626T0601\_60121\_253425\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60121.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 12:54

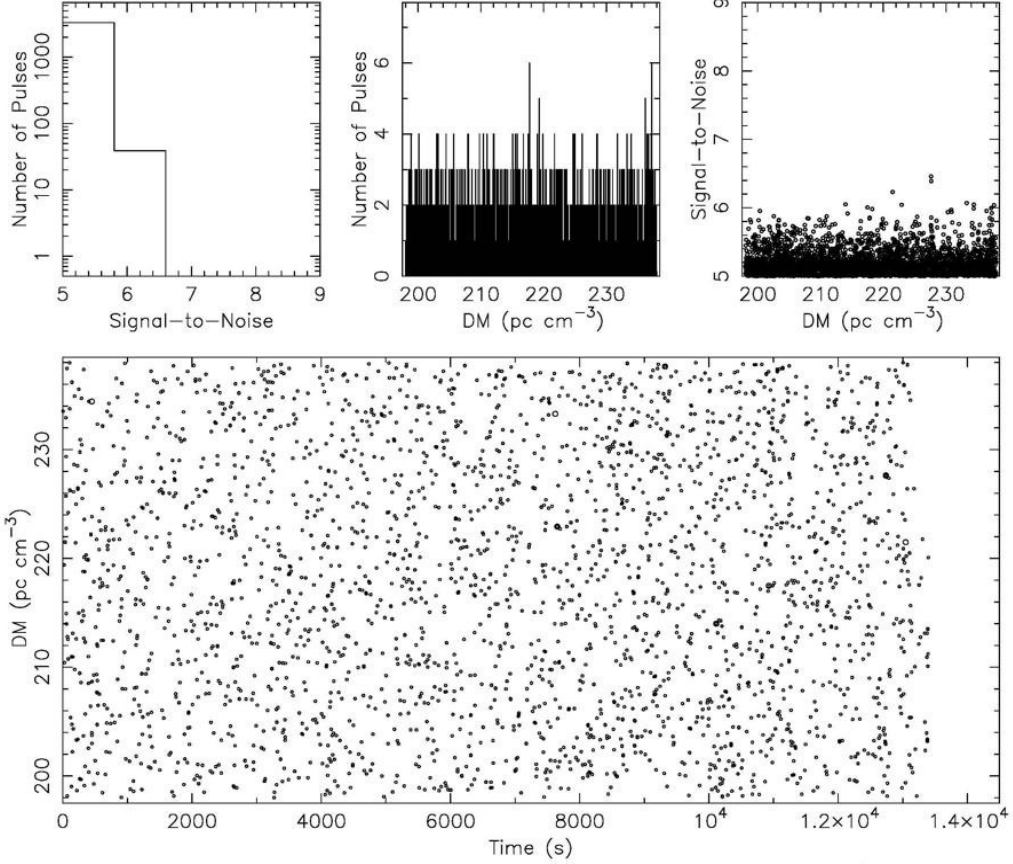
**PIPELINE 6 | Obs\_Name: FRB20220912A Date: 20230626 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3.5 SigmaT: 3.5 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230626T0601\_60121\_253425\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60121.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 13:36

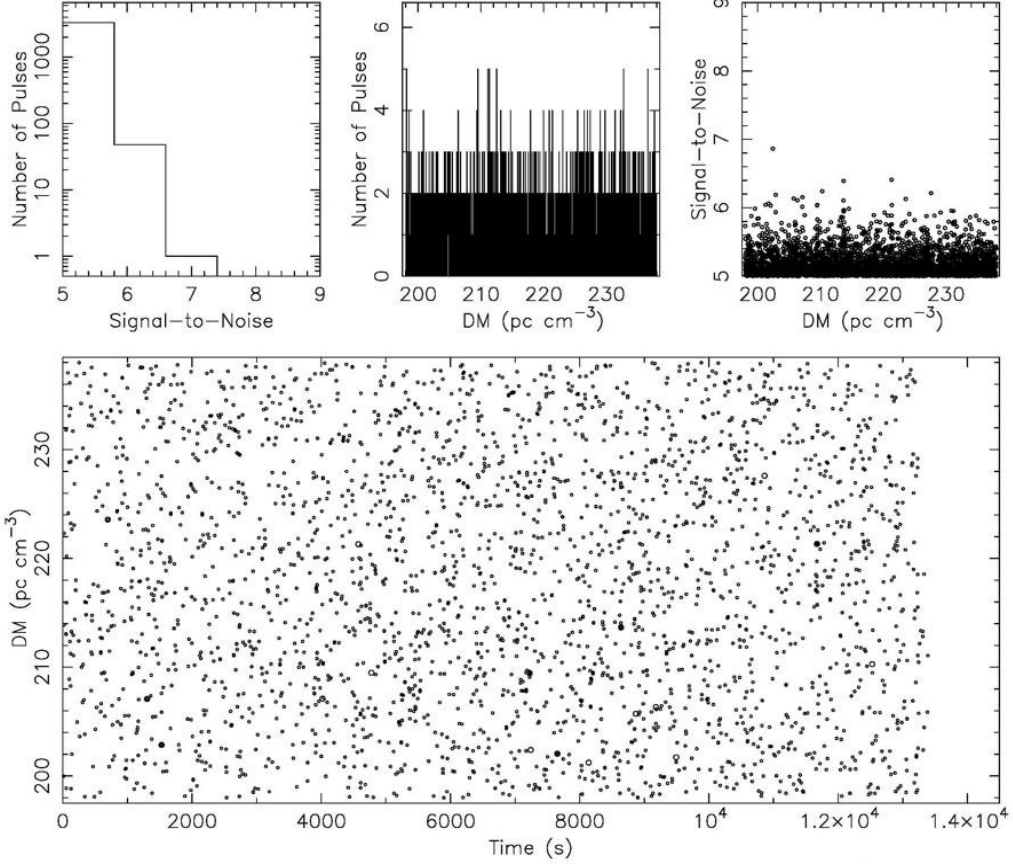
**PIPELINE 7 | Obs\_Name: FRB20220912A Date: 20230627 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3 SigmaT: 3 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230627T0601\_60122\_253426\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60122.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 14:19



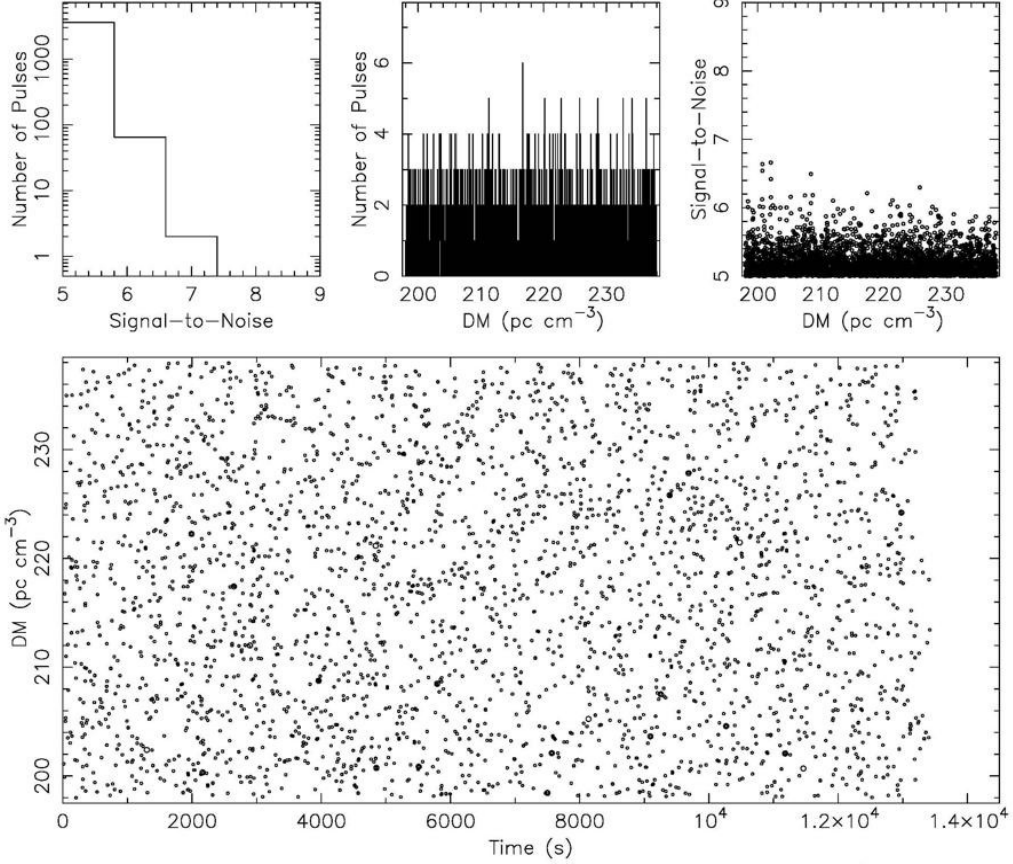
**PIPELINE 8 | Obs\_Name: FRB20220912A Date: 20230627 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3 SigmaT: 2.5 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230627T0601\_60122\_253426\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60122.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 15:02

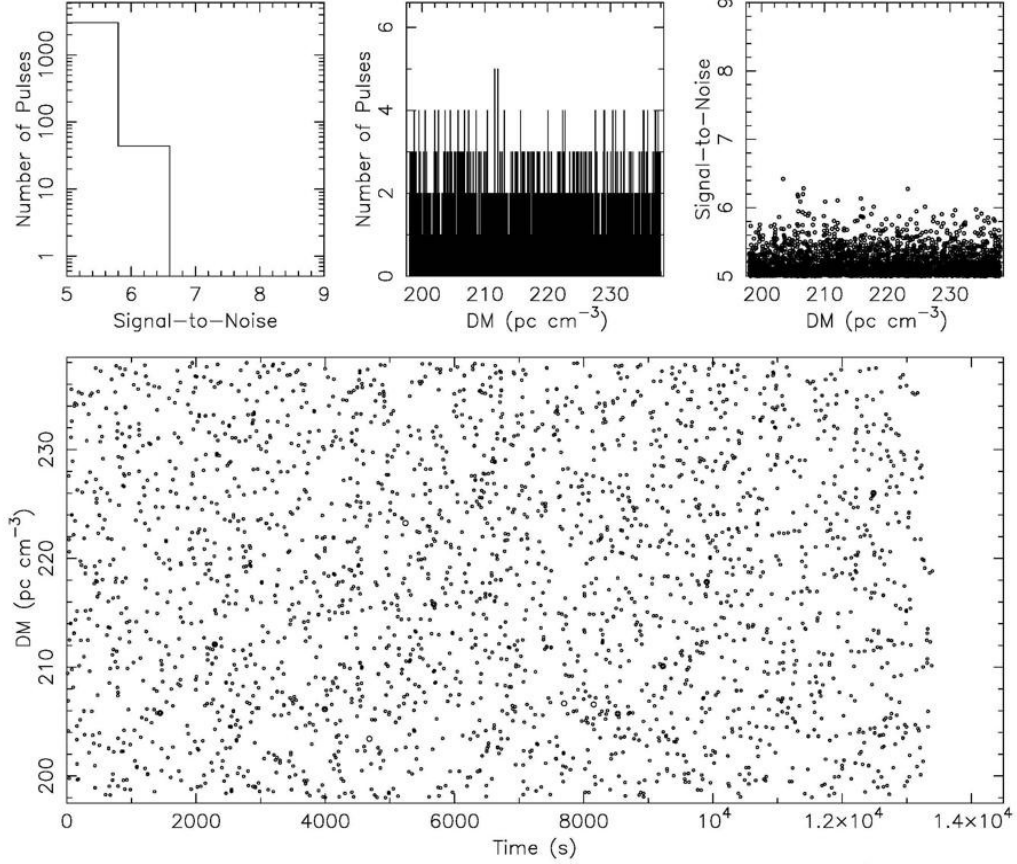
**PIPELINE 9 | Obs\_Name: FRB20220912A Date: 20230627 DM: 218 pc/cm3**  
**DM\_range | DM\_max: 238 pc/cm3 DM\_min: 198 pc/cm3**  
**Parametre | SigmaF: 3.5 SigmaT: 3.5 BerrF: 0.5 BerrT: 0.5**

Single pulse results for 'FRB20220912A\_D20230627T0601\_60122\_253426\_00'

Source: FRB20220912A  
Telescope: nenufar  
Instrument: LUPPI

RA (J2000): 23:09:09.6000  
DEC (J2000): 48:41:60.0000  
MJD<sub>topo</sub>: 60122.251504629690

N samples: 691200  
Sampling time: 20971.50  $\mu$ s  
Freq<sub>ctr</sub>: 54.0 MHz



pgaspari 28-Jun-2023 15:45