Extended Data Table 2 | Results of analysis with RM Synthesis and RMCLEAN

Burst	RM (rad m^{-2})	RM disp (rad m^{-2})
1	+102805 ± 37	< 0.12
2	+102685 ± 70	< 0.05
3	+102667 ± 37	< 0.12
6	+102642 ± 73	< 0.11
7	+102643 ± 105	< 0.04
8	+102680 ± 43	< 0.12
12	+102585 ± 67	< 0.02
13	+102484 ± 53	0
14	+102440 ± 51	0
15	+102701 ± 211	< 0.05
16	+102986 ± 27	< 0.10
GBT-1	+93572 ± 2885	0
GBT-2	+93523 ± 237	0

Rotation measures were determined by fitting a quadratic function to the peak of the deconvolved Faraday spectrum. Rotation measure uncertainties were determined by dividing the nominal full-width at half-maximum of the rotation measure resolution element by twice the signal-to-noise ratio at the peak of the rotation measure spectrum. RMdisp is the second moment (dispersion) of the RMCLEAN clean components discovered during the Faraday spectrum deconvolution. Upper limits indicate that the value scales with the rotation measure pixel size; a zero value means that all clean components fell within the same pixel and indicates a Faraday spectrum that is indistinguishable from being infinitely thin.