Table 1. Band-integrated flux densities at 728, 1382 and 3100 MHz, the spectral classification, the frequency range $\Delta\nu$ the classification was performed over and an eventual spectral index was determined for, the spectral index α for the pulsars that have simple power-law spectra and the robust modulation index $m_{\rm r}$ at all three centre frequencies for pulsars of which we have at least six measurement epochs. The flux density uncertainties include scintillation and a systematic contribution, in addition to the statistical uncertainty. Upper limits are reported at the 3σ level and all other uncertainties at the 1σ level.

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\rm r,\,728}$	$m_{\rm r,\,1382}$	$m_{\rm r,\,3100}$
J0401–7608	4 ± 2	–	0.8 ± 0.5	pl	$0.4-3.4$	-1.5 ± 0.5	–	–	–
J0437–4715	300 ± 200	160 ± 20	30 ± 30	broken pl	$0.08-17.0$	–	–	–	–
J0511–6508	1.3 ± 0.7	0.6 ± 0.2	<0.1	–	$0.7-1.4$	–	–	–	–
J0519–6932	–	0.14 ± 0.04	–	–	$1.4-1.4$	–	–	–	–
J0536–7543	11 ± 7	–	3 ± 2	pl	$0.4-3.5$	-1.8 ± 0.4	–	–	–
J0543+2329	25 ± 2	10.7 ± 0.7	3.0 ± 0.2	broken pl	$0.1-32.0$	–	$0.18^{+0.2}_{-0.08}$	$0.41^{+0.09}_{-0.04}$	$0.23^{+0.3}_{-0.07}$
J0601–0527	6 ± 2	–	0.6 ± 0.2	pl	$0.1-4.9$	-1.74 ± 0.08	–	–	–
J0614+2229	8.8 ± 0.8	3.3 ± 0.2	0.76 ± 0.06	pl	$0.09-3.5$	-1.77 ± 0.05	$0.25^{+0.07}_{-0.2}$	$0.18^{+0.01}_{-0.03}$	$0.22^{+0.1}_{-0.08}$
J0624–0424	3.0 ± 1.0	–	<0.05	pl	$0.1-1.4$	-1.0 ± 0.5	–	–	–
J0627+0706	3.8 ± 0.2	1.39 ± 0.08	0.31 ± 0.05	pl	$0.4-3.1$	-1.6 ± 0.2	$0.11^{+0.03}_{-0.05}$	$0.27^{+0.02}_{-0.06}$	$0.39^{+0.04}_{-0.1}$
J0630–2834	180 ± 90	–	1.6 ± 0.8	low turn-over	$0.04-10.6$	–	–	–	–
J0656–2228	0.9 ± 0.4	3.0 ± 1.0	0.3 ± 0.2	pl	$0.7-3.1$	-1.0 ± 1.0	–	–	–
J0659+1414	3.9 ± 0.8	2.7 ± 0.2	1.6 ± 0.3	lps	$0.09-8.4$	–	$0.6^{+0.4}_{-0.4}$	$0.55^{+0.09}_{-0.07}$	$0.6^{+0.2}_{-0.2}$
J0711–6830	7 ± 4	5 ± 3	1.0 ± 0.7	lps	$0.4-3.4$	–	–	–	–
J0721–2038	0.5 ± 0.2	0.21 ± 0.07	–	–	$0.7-1.4$	–	–	–	–
J0729–1448	2.1 ± 0.2	0.83 ± 0.06	0.19 ± 0.02	pl	$0.7-3.1$	-1.7 ± 0.3	$0.25^{+0.2}_{-0.09}$	$0.53^{+0.06}_{-0.07}$	$0.3^{+0.4}_{-0.2}$
J0729–1836	4.0 ± 1.0	1.9 ± 0.5	0.5 ± 0.2	pl	$0.4-3.1$	-1.7 ± 0.2	–	–	–
J0737–3039B	–	<0.1	–	–	$1.4-1.4$	–	–	–	–
J0742–2822	90 ± 30	26 ± 2	6.8 ± 0.5	broken pl	$0.1-10.6$	–	–	$0.28^{+0.05}_{-0.06}$	$0.22^{+0.1}_{-0.07}$
J0745–5353	12.0 ± 0.7	5.0 ± 0.2	1.21 ± 0.07	pl	$0.4-3.5$	-1.6 ± 0.06	$0.07^{+0.04}_{-0.03}$	$0.055^{+0.006}_{-0.007}$	$0.14^{+0.04}_{-0.04}$
J0751+1807	–	–	<0.06	pl	$0.1-3.0$	-1.6 ± 0.3	–	–	–
J0758–1528	4.0 ± 1.0	2.6 ± 0.8	1.4 ± 0.5	pl	$0.1-4.9$	-1.1 ± 0.2	–	–	–
J0809–4753	21 ± 9	2.6 ± 0.6	0.46 ± 0.07	low turn-over	$0.08-3.4$	–	–	–	–
J0812–3905	1.6 ± 0.2	0.38 ± 0.09	<0.1	–	$0.7-1.4$	–	–	–	–
J0818–3049	1.3 ± 0.3	0.33 ± 0.09	<5.0	–	$0.7-1.4$	–	–	–	–
J0818–3232	2.4 ± 0.4	1.4 ± 0.4	0.18 ± 0.04	pl	$0.7-3.3$	-1.7 ± 0.2	–	–	–
J0820–1350	27 ± 8	6 ± 2	1.4 ± 0.7	broken pl	$0.06-4.9$	–	–	–	–
J0820–3826	1.27 ± 0.08	0.49 ± 0.03	0.093 ± 0.007	pl	$0.7-3.1$	-1.8 ± 0.2	$0.14^{+0.08}_{-0.06}$	$0.24^{+0.05}_{-0.02}$	–
J0820–4114	20 ± 10	5.0 ± 1.0	1.0 ± 0.4	lps	$0.08-3.4$	–	–	–	–
J0823+0159	4 ± 3	4 ± 2	0.4 ± 0.3	lps	$0.1-4.9$	–	–	–	–
J0834–4159	0.82 ± 0.08	0.28 ± 0.02	0.08 ± 0.01	pl	$0.7-3.1$	-1.6 ± 0.3	$0.2^{+0.2}_{-0.2}$	$0.28^{+0.04}_{-0.04}$	–
J0835–4510	3100 ± 200	1050 ± 60	170 ± 20	broken pl	$0.08-24.0$	–	$0.13^{+0.03}_{-0.08}$	$0.19^{+0.03}_{-0.03}$	$0.32^{+0.04}_{-0.09}$
J0837+0610	13 ± 6	5.0 ± 1.0	0.2 ± 0.1	low turn-over	$0.02-4.9$	–	–	–	–
J0837–4135	110 ± 30	35 ± 9	8 ± 2	broken pl	$0.1-8.4$	–	–	–	–
J0840–5332	23 ± 9	1.7 ± 0.5	0.26 ± 0.07	broken pl	$0.1-3.1$	–	–	–	–
J0846–3533	12 ± 2	5.0 ± 1.0	0.7 ± 0.1	pl	$0.4-3.4$	-2.0 ± 0.2	–	–	–
J0855–3331	3.5 ± 0.7	–	0.11 ± 0.02	pl	$0.1-3.1$	-2.0 ± 0.1	–	–	–
J0855–4644	0.57 ± 0.05	0.28 ± 0.02	0.105 ± 0.006	pl	$0.7-3.1$	-1.2 ± 0.2	–	$0.18^{+0.03}_{-0.02}$	–
J0856–6137	3.1 ± 0.6	3.3 ± 0.7	0.11 ± 0.02	broken pl	$0.08-3.1$	–	–	–	–
J0857–4424	3.3 ± 0.2	0.98 ± 0.05	0.23 ± 0.02	pl	$0.4-3.1$	-1.9 ± 0.1	$0.09^{+0.02}_{-0.05}$	$0.15^{+0.02}_{-0.02}$	$0.24^{+0.1}_{-0.07}$
J0900–3144	6.0 ± 1.0	3.0 ± 1.0	0.9 ± 0.2	pl	$0.7-3.4$	-1.3 ± 0.3	–	–	–
J0901–4624	0.7 ± 0.1	0.51 ± 0.03	0.18 ± 0.02	pl	$0.7-3.1$	-1.1 ± 0.3	$0.5^{+0.1}_{-0.2}$	$0.43^{+0.07}_{-0.05}$	$0.36^{+0.09}_{-0.1}$
J0904–7459	8 ± 2	2.0 ± 0.7	0.3 ± 0.1	pl	$0.4-3.1$	-1.9 ± 0.5	–	–	–
J0905–5127	3.4 ± 0.5	1.05 ± 0.06	0.22 ± 0.03	pl	$0.09-3.1$	-2.09 ± 0.07	$0.48^{+0.09}_{-0.2}$	$0.27^{+0.05}_{-0.03}$	$0.4^{+0.2}_{-0.2}$
J0907–5157	30 ± 6	17 ± 5	5.8 ± 0.9	lps	$0.08-3.5$	–	–	–	–
J0908–1739	10 ± 4	4 ± 2	0.7 ± 0.4	pl	$0.05-3.3$	-1.5 ± 0.2	–	–	–
J0908–4913	33 ± 5	20.0 ± 1.0	7.8 ± 0.6	lps	$0.4-17.0$	–	$0.5^{+0.1}_{-0.2}$	$0.25^{+0.06}_{-0.01}$	$0.2^{+0.1}_{-0.03}$
J0909–7212	3.0 ± 1.0	1.9 ± 0.5	<0.3	pl	$0.4-1.5$	-1.0 ± 0.6	–	–	–
J0922+0638	17 ± 9	10 ± 3	1.3 ± 0.6	low turn-over	$0.02-10.6$	–	–	–	–
J0922–4949	1.5 ± 0.2	–	0.32 ± 0.04	pl	$0.7-3.4$	-1.0 ± 0.2	–	–	–
J0924–5302	9 ± 9	1.1 ± 0.3	0.2 ± 0.1	pl	$0.10-3.1$	-2.16 ± 0.09	–	–	–
J0924–5814	11 ± 3	6 ± 2	1.5 ± 0.5	pl	$0.4-3.4$	-1.4 ± 0.3	–	–	–
J0934–5249	22 ± 9	3.2 ± 0.9	0.2 ± 0.04	lps	$0.3-3.1$	–	–	–	–
J0940–5428	1.5 ± 0.2	0.66 ± 0.04	0.3 ± 0.02	pl	$0.7-3.1$	-1.0 ± 0.2	$0.41^{+0.09}_{-0.2}$	$0.3^{+0.05}_{-0.05}$	$0.1^{+0.05}_{-0.05}$
J0942–5552	26 ± 7	11 ± 3	2.0 ± 0.3	broken pl	$0.2-3.5$	–	–	–	–
J0942–5657	2.6 ± 0.4	1.0 ± 0.3	0.3 ± 0.09	low turn-over	$0.08-3.3$	–	–	–	–
J0943+1631	5 ± 3	1.3 ± 0.6	0.3 ± 0.2	pl	$0.03-3.1$	-1.0 ± 0.4	–	–	–
J0952–3839	1.3 ± 0.3	4.0 ± 1.0	<0.01	pl	$0.4-1.5$	-2.5 ± 0.6	–	–	–

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\mathrm{r},728}$	$m_{\mathrm{r},1382}$	$m_{\mathrm{r},3100}$
J0953+0755	600 ± 600	100 ± 40	20 ± 20	low turn-over	$0.02-10.6$	–	–	–	–
J0954–5430	0.7 ± 0.1	0.51 ± 0.03	0.38 ± 0.04	pl	$0.7-3.4$	-0.3 ± 0.2	–	$0.43^{+0.04}_{-0.07}$	$0.29^{+0.2}_{-0.08}$
J0959–4809	13 ± 3	4.0 ± 0.8	0.5 ± 0.2	lps	$0.2-3.3$	–	–	–	–
J1001–5507	41 ± 5	10 ± 3	2.7 ± 0.4	broken pl	$0.1-3.5$	–	–	–	–
J1001–5559	3.4 ± 0.8	1.4 ± 0.4	0.11 ± 0.03	pl	$0.7-3.1$	-2.4 ± 0.4	–	–	–
J1003–4747	4.8 ± 0.9	1.43 ± 0.08	0.3 ± 0.04	pl	$0.3-3.1$	-1.4 ± 0.1	$0.5^{+0.2}_{-0.3}$	$0.32^{+0.07}_{-0.03}$	$0.29^{+0.2}_{-0.07}$
J1012–5857	13 ± 5	1.8 ± 0.3	0.41 ± 0.04	pl	$0.4-3.3$	-1.8 ± 0.1	–	–	–
J1013–5934	3.4 ± 0.4	2.6 ± 0.6	0.9 ± 0.2	pl	$0.7-3.5$	-0.9 ± 0.1	–	–	–
J1015–5719	2.7 ± 0.4	3.0 ± 0.2	1.7 ± 0.1	pl	$0.7-3.5$	-0.62 ± 0.09	–	$0.16^{+0.02}_{-0.02}$	$0.18^{+0.04}_{-0.06}$
J1016–5345	2.2 ± 0.6	1.1 ± 0.4	0.14 ± 0.04	pl	$0.4-3.1$	-1.6 ± 0.4	–	–	–
J1016–5819	1.18 ± 0.06	0.36 ± 0.02	0.053 ± 0.008	pl	$0.7-3.1$	-2.0 ± 0.2	$0.06^{+0.2}_{-0.01}$	$0.29^{+0.02}_{-0.05}$	–
J1016–5857	1.8 ± 0.2	0.9 ± 0.05	0.29 ± 0.02	pl	$0.7-3.1$	-1.3 ± 0.2	–	$0.26^{+0.02}_{-0.04}$	$0.2^{+0.1}_{-0.07}$
J1017–5621	6.4 ± 0.7	1.8 ± 0.4	0.37 ± 0.04	pl	$0.4-3.3$	-2.0 ± 0.1	–	–	–
J1017–7156	3.1 ± 0.7	1.1 ± 0.2	0.14 ± 0.05	pl	$0.7-3.1$	-1.73 ± 0.09	–	–	–
J1018–1642	1.3 ± 0.5	0.7 ± 0.2	<0.3	pl	$0.1-1.4$	-2.0 ± 0.4	–	–	–
J1019–5749	<0.6	3.8 ± 0.2	2.4 ± 0.1	lps	$1.3-3.5$	–	–	$0.41^{+0.03}_{-0.03}$	$0.053^{+0.007}_{-0.01}$
J1020–5921	–	<5.0	–	–	$1.4-1.4$	–	–	–	–
J1020–6026	<0.06	0.25 ± 0.01	0.16 ± 0.01	–	$1.4-3.1$	–	–	$0.24^{+0.04}_{-0.05}$	$0.16^{+0.07}_{-0.05}$
J1024–0719	–	0.3 ± 0.2	–	lps	$0.1-5.0$	–	–	–	–
J1028–5819	<0.2	0.24 ± 0.02	0.13 ± 0.06	pl	$1.4-3.1$	1.3 ± 0.8	–	$0.5^{+0.1}_{-0.1}$	$0.8^{+1.0}_{-0.3}$
J1032–5911	3.7 ± 0.6	1.1 ± 0.2	<0.3	pl	$0.4-1.5$	-2.5 ± 0.4	–	–	–
J1034–3224	18 ± 6	8 ± 3	1.4 ± 0.6	pl	$0.4-3.3$	-1.6 ± 0.4	–	–	–
J1036–4926	2.2 ± 0.5	0.8 ± 0.2	<0.02	pl	$0.3-1.5$	-1.5 ± 0.5	–	–	–
J1038–5831	3.0 ± 1.0	2.3 ± 0.9	0.5 ± 0.2	pl	$0.6-3.1$	-1.3 ± 0.6	–	–	–
J1041–1942	–	2.3 ± 0.9	–	pl	$0.4-1.5$	-2.0 ± 0.4	–	–	–
J1043–6116	2.6 ± 0.2	1.39 ± 0.07	0.49 ± 0.03	pl	$0.7-3.4$	-1.2 ± 0.1	$0.14^{+0.08}_{-0.05}$	$0.16^{+0.01}_{-0.02}$	$0.19^{+0.1}_{-0.09}$
J1045–4509	7.0 ± 1.0	1.9 ± 0.4	0.33 ± 0.09	broken pl	$0.3-3.1$	–	–	–	–
J1046–5813	4.1 ± 0.8	1.4 ± 0.3	0.24 ± 0.05	pl	$0.4-3.1$	-1.9 ± 0.3	–	–	–
J1047–6709	3.9 ± 0.9	3.1 ± 0.9	1.4 ± 0.3	pl	$0.4-3.5$	-0.7 ± 0.2	–	–	–
J1048–5832	12.0 ± 1.0	9.1 ± 0.5	6.2 ± 0.5	pl	$0.6-17.0$	-0.52 ± 0.08	$0.3^{+0.1}_{-0.1}$	$0.34^{+0.07}_{-0.02}$	$0.31^{+0.08}_{-0.1}$
J1049–5833	–	–	0.07 ± 0.01	–	$1.4-3.1$	–	–	–	–
J1052–5954	<0.2	0.147 ± 0.009	0.071 ± 0.005	–	$1.4-3.1$	–	–	$0.45^{+0.02}_{-0.2}$	$0.12^{+0.06}_{-0.06}$
J1055–6028	1.2 ± 0.2	0.95 ± 0.05	0.13 ± 0.01	lps	$0.7-3.1$	–	$0.11^{+0.08}_{-0.05}$	$0.22^{+0.02}_{-0.03}$	$0.24^{+0.08}_{-0.2}$
J1056–6258	54 ± 6	34 ± 8	11.0 ± 1.0	pl	$0.4-8.4$	-1.1 ± 0.1	–	–	–
J1057–5226	22 ± 5	4.4 ± 0.6	1.4 ± 0.3	lps	$0.08-3.1$	–	$0.6^{+0.3}_{-0.4}$	$1.0^{+0.1}_{-0.2}$	$0.8^{+0.2}_{-0.3}$
J1057–7914	2.4 ± 0.9	–	<0.1	–	$0.4-0.7$	–	–	–	–
J1058–5957	–	0.6 ± 0.1	–	–	$1.2-1.5$	–	–	–	–
J1059–5742	30 ± 10	2.0 ± 0.6	0.21 ± 0.05	pl	$0.4-3.1$	-3.3 ± 0.4	–	–	–
J1105–6107	2.4 ± 0.2	1.2 ± 0.07	0.46 ± 0.04	pl	$0.7-3.4$	-1.1 ± 0.1	$0.18^{+0.03}_{-0.1}$	$0.36^{+0.06}_{-0.02}$	$0.28^{+0.09}_{-0.06}$
J1110–5637	4.7 ± 0.7	3.3 ± 0.8	0.9 ± 0.2	pl	$0.6-3.5$	-1.2 ± 0.1	–	–	–
J1112–6103	<0.08	2.3 ± 0.1	1.03 ± 0.07	pl	$1.3-3.5$	-1.0 ± 0.1	–	$0.22^{+0.04}_{-0.02}$	$0.18^{+0.05}_{-0.05}$
J1112–6613	12 ± 4	1.7 ± 0.4	0.32 ± 0.05	pl	$0.4-3.3$	-2.1 ± 0.2	–	–	–
J1112–6926	4.0 ± 1.0	0.6 ± 0.2	0.4 ± 0.1	pl	$0.4-3.1$	-2.2 ± 0.5	–	–	–
J1114–6100	–	4.7 ± 0.9	1.8 ± 0.7	pl	$0.6-3.5$	-0.9 ± 0.4	–	–	–
J1115–6052	1.9 ± 0.5	0.48 ± 0.03	0.2 ± 0.01	pl	$0.7-3.1$	-1.2 ± 0.2	–	$0.22^{+0.03}_{-0.01}$	$0.17^{+0.06}_{-0.08}$
J1116–4122	6 ± 7	6 ± 2	0.3 ± 0.1	pl	$0.09-3.1$	-1.2 ± 0.1	–	–	–
J1117–6154	–	1.6 ± 0.3	–	–	$1.2-1.5$	–	–	–	–
J1119–6127	3.0 ± 0.4	1.09 ± 0.06	0.36 ± 0.03	pl	$0.7-3.4$	-1.4 ± 0.2	–	$0.11^{+0.01}_{-0.01}$	$0.24^{+0.07}_{-0.08}$
J1119–7936	3.0 ± 1.0	–	<0.06	–	$0.4-0.7$	–	–	–	–
J1121–5444	4.3 ± 0.9	1.5 ± 0.4	0.22 ± 0.05	pl	$0.1-3.1$	-2.2 ± 0.1	–	–	–
J1123–4844	2.5 ± 0.5	1.0 ± 0.3	0.4 ± 0.1	pl	$0.4-3.4$	-1.4 ± 0.3	–	–	–
J1123–6102	–	1.1 ± 0.2	–	–	$1.2-1.5$	–	–	–	–
J1123–6259	2.0 ± 0.2	0.51 ± 0.03	0.1 ± 0.006	pl	$0.4-3.1$	-2.1 ± 0.1	$0.2^{+0.1}_{-0.07}$	$0.29^{+0.04}_{-0.03}$	–
J1126–6942	3.0 ± 1.0	–	<0.05	–	$0.4-0.7$	–	–	–	–
J1133–6250	22 ± 3	7.0 ± 1.0	1.6 ± 0.3	pl	$0.6-3.5$	-1.8 ± 0.1	–	–	–
J1136+1551	–	20 ± 10	–	broken pl	$0.02-32.0$	–	–	–	–
J1136–5525	–	6.0 ± 1.0	–	pl	$0.4-1.5$	-1.2 ± 0.8	–	–	–
J1138–6207	<0.3	0.57 ± 0.03	0.27 ± 0.02	pl	$1.4-3.4$	-0.9 ± 0.2	–	$0.22^{+0.04}_{-0.05}$	$0.24^{+0.05}_{-0.1}$
J1141–3322	–	1.6 ± 0.5	–	pl	$0.4-1.5$	-1.2 ± 0.8	–	–	–
J1141–6545	15 ± 4	2.4 ± 0.7	0.28 ± 0.08	pl	$0.7-3.1$	-2.7 ± 0.4	–	–	–
J1144–6146	–	<0.6	–	–	$1.4-1.4$	–	–	–	–
J1146–6030	10 ± 3	3.2 ± 0.6	1.1 ± 0.3	pl	$0.4-3.4$	-1.6 ± 0.3	–	–	–
J1156–5707	0.5 ± 0.1	0.27 ± 0.02	0.12 ± 0.01	pl	$0.7-3.1$	-1.2 ± 0.3	–	$0.34^{+0.06}_{-0.06}$	–

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\rm r, 728}$	$m_{\rm r, 1382}$	$m_{\rm r, 3100}$
J1156–5909	< 40.0	–	< 0.01	–	$0.4 - 0.4$	–	–	–	–
J1157–6224	54 ± 9	14 ± 3	1.8 ± 0.4	pl	$0.4 - 3.5$	-2.4 ± 0.1	–	–	–
J1159–7910	–	0.7 ± 0.2	–	pl	$0.4 - 1.5$	-2.0 ± 1.0	–	–	–
J1202–5820	9 ± 2	3.0 ± 0.8	0.7 ± 0.2	pl	$0.4 - 3.3$	-1.8 ± 0.3	–	–	–
J1210–5559	10 ± 2	2.3 ± 0.6	0.27 ± 0.07	pl	$0.4 - 3.3$	-2.4 ± 0.3	–	–	–
J1216–6223	< 0.4	0.23 ± 0.01	0.061 ± 0.006	–	$1.4 - 3.1$	–	–	$0.19^{+0.05}_{-0.04}$	–
J1224–6407	20 ± 2	8.9 ± 0.5	3.0 ± 0.4	pl	$0.4 - 3.5$	-1.36 ± 0.08	$0.22^{+0.04}_{-0.1}$	$0.32^{+0.04}_{-0.04}$	$0.4^{+0.2}_{-0.2}$
J1227–6208	–	–	< 0.01	–	$1.4 - 1.4$	–	–	–	–
J1231–6303	9 ± 2	–	0.5 ± 0.1	pl	$0.7 - 3.3$	-2.0 ± 0.3	–	–	–
J1235–5516	–	–	< 0.1	–	$0.4 - 1.4$	–	–	–	–
J1239–6832	5.0 ± 1.0	–	0.15 ± 0.05	pl	$0.4 - 3.1$	-2.3 ± 0.4	–	–	–
J1243–6423	140 ± 30	–	4.1 ± 0.8	broken pl	$0.4 - 8.4$	–	–	–	–
J1248–6344	1.1 ± 0.2	0.2 ± 0.01	< 0.02	–	$0.7 - 1.4$	–	–	$0.31^{+0.05}_{-0.07}$	–
J1253–5820	25 ± 7	–	1.6 ± 0.5	pl	$0.4 - 3.5$	-1.8 ± 0.2	–	–	–
J1259–6741	8 ± 2	–	0.3 ± 0.1	pl	$0.4 - 3.3$	-2.1 ± 0.4	–	–	–
J1301–6305	0.7 ± 0.1	0.49 ± 0.03	0.21 ± 0.02	pl	$0.7 - 3.1$	-0.9 ± 0.2	–	$0.24^{+0.05}_{-0.02}$	$0.24^{+0.04}_{-0.09}$
J1302–6350	1.3 ± 0.5	4.5 ± 0.3	2.7 ± 0.3	pl	$0.6 - 8.4$	-0.5 ± 0.1	$0.5^{+0.4}_{-0.2}$	$0.34^{+0.06}_{-0.03}$	$0.42^{+0.09}_{-0.1}$
J1305–6203	8 ± 3	0.67 ± 0.04	0.23 ± 0.02	pl	$0.7 - 3.1$	-1.4 ± 0.3	–	$0.16^{+0.02}_{-0.02}$	$0.23^{+0.05}_{-0.07}$
J1305–6455	12 ± 2	–	0.44 ± 0.07	pl	$0.4 - 3.4$	-2.3 ± 0.2	–	–	–
J1312–5402	5.0 ± 1.0	–	0.13 ± 0.04	pl	$0.3 - 3.1$	-2.4 ± 0.2	–	–	–
J1312–5516	12 ± 3	–	0.6 ± 0.2	pl	$0.4 - 3.4$	-2.1 ± 0.3	–	–	–
J1312–6400	3.0 ± 1.0	–	< 0.08	–	$0.7 - 1.4$	–	–	–	–
J1317–6302	4.2 ± 0.5	–	0.24 ± 0.03	pl	$0.7 - 3.3$	-2.0 ± 0.2	–	–	–
J1319–6056	7.0 ± 1.0	–	0.29 ± 0.05	pl	$0.6 - 3.3$	-2.2 ± 0.2	–	–	–
J1319–6105	2.3 ± 0.3	–	0.42 ± 0.07	pl	$0.7 - 3.4$	-1.4 ± 0.2	–	–	–
J1320–5359	8.0 ± 1.0	2.1 ± 0.1	0.51 ± 0.05	pl	$0.3 - 3.1$	-1.7 ± 0.2	$0.4^{+0.3}_{-0.2}$	$0.3^{+0.06}_{-0.03}$	$0.3^{+0.2}_{-0.06}$
J1326–5859	45 ± 8	–	3.6 ± 0.7	pl	$0.4 - 8.4$	-1.8 ± 0.1	–	–	–
J1326–6408	11 ± 2	–	0.32 ± 0.05	pl	$0.4 - 3.3$	-2.5 ± 0.1	–	–	–
J1326–6700	–	–	4.0 ± 1.0	pl	$0.4 - 3.5$	-1.1 ± 0.3	–	–	–
J1327–6222	160 ± 30	–	5.0 ± 1.0	broken pl	$0.1 - 6.5$	–	–	–	–
J1327–6301	13 ± 2	–	1.1 ± 0.2	pl	$0.6 - 3.5$	-1.7 ± 0.2	–	–	–
J1327–6400	0.5 ± 0.2	0.21 ± 0.02	0.081 ± 0.008	pl	$0.7 - 3.1$	-1.3 ± 0.3	–	$0.3^{+0.08}_{-0.05}$	$0.3^{+0.1}_{-0.2}$
J1338–6204	–	–	1.1 ± 0.2	pl	$0.6 - 3.4$	-1.4 ± 0.3	–	–	–
J1341–6023	1.6 ± 0.3	–	< 0.02	–	$0.7 - 1.4$	–	–	–	–
J1341–6220	< 0.9	2.7 ± 0.1	1.24 ± 0.09	pl	$1.3 - 8.4$	-0.92 ± 0.09	–	$0.16^{+0.01}_{-0.02}$	$0.21^{+0.04}_{-0.09}$
J1345–6115	2.5 ± 0.5	–	0.2 ± 0.04	pl	$0.7 - 3.1$	-1.8 ± 0.4	–	–	–
J1347–5947	2.7 ± 0.5	–	0.14 ± 0.03	pl	$0.7 - 3.1$	-2.1 ± 0.4	–	–	–
J1349–6130	< 1.0	0.76 ± 0.04	0.32 ± 0.02	pl	$1.3 - 3.1$	-1.0 ± 0.2	–	$0.15^{+0.01}_{-0.02}$	$0.15^{+0.04}_{-0.05}$
J1355–5153	< 200.0	–	< 0.3	–	$0.3 - 0.4$	–	–	–	–
J1356–5521	< 100.0	–	< 0.2	–	$0.4 - 1.4$	–	–	–	–
J1357–62	31 ± 5	–	2.5 ± 0.4	pl	$0.7 - 3.5$	-1.8 ± 0.1	–	–	–
J1357–6429	1.0 ± 0.3	0.52 ± 0.03	0.15 ± 0.02	pl	$0.7 - 3.1$	-1.4 ± 0.4	–	$0.34^{+0.05}_{-0.05}$	$0.4^{+0.1}_{-0.2}$
J1359–6038	57 ± 3	12.5 ± 0.6	2.1 ± 0.1	broken pl	$0.1 - 8.4$	–	$0.03^{+0.02}_{-0.01}$	$0.091^{+0.005}_{-0.01}$	$0.1^{+0.05}_{-0.03}$
J1401–6357	20 ± 6	–	1.9 ± 0.6	pl	$0.4 - 3.5$	-1.8 ± 0.2	–	–	–
J1406–6121	< 0.3	0.44 ± 0.03	0.31 ± 0.02	pl	$1.4 - 6.5$	-0.5 ± 0.2	–	$0.24^{+0.04}_{-0.05}$	$0.24^{+0.02}_{-0.1}$
J1410–6132	< 0.2	1.9 ± 0.1	1.79 ± 0.09	lps	$1.3 - 6.5$	–	–	$0.5^{+0.05}_{-0.05}$	$0.038^{+0.03}_{-0.007}$
J1412–6145	< 0.3	0.69 ± 0.04	0.2 ± 0.01	pl	$1.4 - 3.1$	-1.5 ± 0.2	–	$0.17^{+0.02}_{-0.02}$	$0.21^{+0.08}_{-0.07}$
J1413–6141	< 0.4	0.82 ± 0.04	0.49 ± 0.03	pl	$1.4 - 3.5$	-0.5 ± 0.2	–	$0.22^{+0.02}_{-0.03}$	$0.1^{+0.04}_{-0.03}$
J1413–6222	< 0.2	–	0.45 ± 0.06	–	$1.4 - 3.1$	–	–	–	–
J1413–6307	3.0 ± 0.8	–	0.5 ± 0.1	pl	$0.6 - 3.3$	-1.4 ± 0.4	–	–	–
J1415–6621	1.3 ± 0.2	–	< 0.2	–	$0.7 - 1.5$	–	–	–	–
J1420–5416	< 200.0	–	< 6.0	–	$0.4 - 0.4$	–	–	–	–
J1420–6048	< 1.0	1.19 ± 0.06	0.9 ± 0.05	pl	$1.3 - 3.5$	-0.3 ± 0.1	–	$0.16^{+0.01}_{-0.02}$	$0.1^{+0.05}_{-0.02}$
J1424–5822	4.3 ± 0.7	–	0.29 ± 0.06	pl	$0.7 - 3.3$	-1.9 ± 0.2	–	–	–
J1452–5851	0.6 ± 0.3	0.33 ± 0.02	0.123 ± 0.008	pl	$0.7 - 3.1$	-1.2 ± 0.2	–	$0.23^{+0.04}_{-0.04}$	$0.14^{+0.05}_{-0.07}$
J1452–6036	1.8 ± 0.2	1.9 ± 0.1	0.76 ± 0.05	pl	$0.7 - 3.5$	-1.1 ± 0.1	–	$0.13^{+0.02}_{-0.02}$	$0.19^{+0.1}_{-0.08}$
J1453–6413	80 ± 10	18.0 ± 1.0	2.4 ± 0.5	broken pl	$0.08 - 8.4$	–	$0.46^{+0.07}_{-0.2}$	$0.47^{+0.05}_{-0.05}$	$0.7^{+0.5}_{-0.3}$
J1507–6640	< 20.0	–	< 2.0	pl	$0.4 - 1.5$	-2.8 ± 0.4	–	–	–
J1509–5850	–	0.21 ± 0.01	< 0.05	–	$1.4 - 1.4$	–	–	$0.21^{+0.07}_{-0.04}$	–
J1512–5759	16.8 ± 0.9	7.8 ± 0.4	1.24 ± 0.06	lps	$0.6 - 3.5$	–	$0.07^{+0.05}_{-0.02}$	$0.056^{+0.009}_{-0.008}$	$0.06^{+0.02}_{-0.02}$
J1513–5739	0.07 ± 0.06	–	< 10.0	–	$0.7 - 1.4$	–	–	–	–
J1513–5908	3.3 ± 0.3	1.43 ± 0.07	0.35 ± 0.03	pl	$0.4 - 3.1$	-1.5 ± 0.2	$0.4^{+0.1}_{-0.1}$	$0.139^{+0.02}_{-0.008}$	$0.3^{+0.03}_{-0.07}$
J1514–5925	< 0.4	0.29 ± 0.02	0.16 ± 0.01	–	$1.4 - 3.1$	–	–	$0.29^{+0.02}_{-0.06}$	$0.2^{+0.04}_{-0.09}$

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{r,728}$	$m_{r,1382}$	$m_{r,3100}$
J1515–5720	1.04 ± 0.07	0.25 ± 0.01	0.08 ± 0.01	pl	0.7 – 3.1	-2.0 ± 0.2	$0.13^{+0.2}_{-0.03}$	$0.25^{+0.04}_{-0.04}$	–
J1522–5829	30 ± 6	–	5.0 ± 1.0	broken pl	0.6 – 8.4	–	–	–	–
J1524–5625	1.8 ± 0.5	1.28 ± 0.07	0.55 ± 0.03	pl	0.7 – 3.4	-0.9 ± 0.2	–	$0.18^{+0.02}_{-0.05}$	$0.13^{+0.04}_{-0.05}$
J1524–5706	0.17 ± 0.04	0.45 ± 0.02	0.14 ± 0.02	pl	0.7 – 3.1	-1.3 ± 0.4	–	$0.21^{+0.04}_{-0.02}$	$0.4^{+0.2}_{-0.2}$
J1527–5552	<200.0	–	<8.0	–	0.4 – 1.4	–	–	–	–
J1530–5327	1.6 ± 0.4	0.92 ± 0.06	0.41 ± 0.06	pl	0.7 – 3.1	-0.9 ± 0.4	–	$0.47^{+0.05}_{-0.04}$	$0.5^{+0.2}_{-0.2}$
J1531–5610	<0.4	0.87 ± 0.05	0.6 ± 0.04	pl	1.4 – 6.5	-0.4 ± 0.2	–	$0.19^{+0.03}_{-0.03}$	$0.13^{+0.1}_{-0.03}$
J1534–5405	6.0 ± 1.0	–	0.21 ± 0.05	pl	0.6 – 3.1	-2.3 ± 0.2	–	–	–
J1536–5433	<80.0	–	1.3 ± 0.4	–	1.4 – 3.3	–	–	–	–
J1538–5551	<0.7	0.33 ± 0.02	0.1 ± 0.01	–	1.4 – 3.1	–	–	$0.26^{+0.03}_{-0.04}$	–
J1539–5626	7.6 ± 0.8	5.0 ± 0.3	2.1 ± 0.1	pl	0.6 – 8.4	-1.04 ± 0.07	$0.23^{+0.05}_{-0.1}$	$0.09^{+0.01}_{-0.02}$	$0.1^{+0.05}_{-0.04}$
J1541–5535	<0.1	0.3 ± 0.02	0.17 ± 0.01	–	1.4 – 3.1	–	–	$0.2^{+0.02}_{-0.02}$	$0.23^{+0.1}_{-0.08}$
J1543–5459	<0.3	0.81 ± 0.04	0.21 ± 0.02	–	1.4 – 3.1	–	–	$0.22^{+0.02}_{-0.04}$	$0.2^{+0.2}_{-0.1}$
J1548–4927	2.2 ± 0.5	–	0.2 ± 0.06	pl	0.7 – 3.1	-1.9 ± 0.5	–	–	–
J1548–5607	3.1 ± 0.4	1.39 ± 0.07	0.3 ± 0.02	pl	0.7 – 3.1	-1.8 ± 0.2	–	$0.1^{+0.02}_{-0.02}$	$0.22^{+0.05}_{-0.09}$
J1549–4848	4.1 ± 0.7	1.6 ± 0.1	0.25 ± 0.04	pl	0.4 – 3.1	-1.9 ± 0.3	$0.5^{+0.1}_{-0.3}$	$0.44^{+0.09}_{-0.05}$	$0.4^{+0.2}_{-0.2}$
J1551–5310	<0.9	0.72 ± 0.04	0.24 ± 0.01	–	1.4 – 3.1	–	–	$0.29^{+0.03}_{-0.04}$	$0.14^{+0.02}_{-0.05}$
J1600–5044	84 ± 5	21.0 ± 1.0	3.6 ± 0.2	pl	0.3 – 8.4	-2.16 ± 0.05	$0.1^{+0.01}_{-0.06}$	$0.045^{+0.006}_{-0.008}$	$0.08^{+0.03}_{-0.02}$
J1600–5751	9.2 ± 0.5	2.5 ± 0.1	0.54 ± 0.07	pl	0.4 – 3.4	-2.1 ± 0.1	$0.1^{+0.08}_{-0.04}$	$0.18^{+0.03}_{-0.02}$	$0.4^{+0.1}_{-0.1}$
J1601–5335	0.5 ± 0.1	0.25 ± 0.02	0.06 ± 0.01	pl	0.7 – 3.1	-1.5 ± 0.5	–	$0.43^{+0.02}_{-0.2}$	–
J1604–4909	23 ± 6	–	2.7 ± 0.8	pl	0.4 – 3.4	-1.6 ± 0.3	–	–	–
J1610–5303	2.6 ± 0.4	–	<0.01	–	0.7 – 1.4	–	–	–	–
J1611–4949	<1.0	–	0.34 ± 0.05	–	1.4 – 3.1	–	–	–	–
J1611–5209	2.6 ± 0.2	1.45 ± 0.09	0.49 ± 0.07	pl	0.6 – 3.4	-1.1 ± 0.2	$0.13^{+0.2}_{-0.06}$	$0.37^{+0.04}_{-0.05}$	$0.5^{+0.1}_{-0.2}$
J1613–4714	8 ± 2	–	0.36 ± 0.09	pl	0.4 – 3.3	-2.2 ± 0.3	–	–	–
J1614–5048	6.0 ± 1.0	4.1 ± 0.2	0.67 ± 0.04	pl	0.7 – 3.5	-2.16 ± 0.09	–	$0.09^{+0.01}_{-0.01}$	$0.089^{+0.005}_{-0.03}$
J1617–5055	<0.1	0.27 ± 0.02	0.24 ± 0.01	–	1.4 – 3.4	–	–	$0.39^{+0.06}_{-0.08}$	$0.11^{+0.04}_{-0.01}$
J1618–4723	2.2 ± 0.5	–	<0.03	–	0.7 – 1.4	–	–	–	–
J1622–4802	–	–	0.32 ± 0.06	pl	1.3 – 3.3	-1.1 ± 0.3	–	–	–
J1625–4048	3.3 ± 0.8	–	<1.0	–	0.4 – 0.7	–	–	–	–
J1626–4537	4.4 ± 0.9	–	0.29 ± 0.06	pl	0.7 – 3.1	-2.0 ± 0.2	–	–	–
J1626–4807	<0.3	0.37 ± 0.02	0.26 ± 0.02	–	1.4 – 3.1	–	–	$0.32^{+0.08}_{-0.03}$	$0.18^{+0.08}_{-0.06}$
J1627–4706	<0.09	0.18 ± 0.01	0.061 ± 0.005	–	1.4 – 3.1	–	–	$0.2^{+0.04}_{-0.04}$	–
J1630–4733	<1.0	–	3.4 ± 0.4	pl	1.4 – 8.4	-0.3 ± 0.3	–	–	–
J1632–4621	–	–	0.21 ± 0.02	pl	1.3 – 3.1	-1.8 ± 0.3	–	–	–
J1632–4757	<0.3	0.51 ± 0.03	0.2 ± 0.01	–	1.4 – 3.1	–	–	$0.22^{+0.05}_{-0.03}$	$0.2^{+0.2}_{-0.09}$
J1632–4818	<0.1	0.48 ± 0.03	0.101 ± 0.006	–	1.4 – 3.1	–	–	$0.23^{+0.02}_{-0.04}$	$0.06^{+0.3}_{-0.03}$
J1633–5015	27 ± 4	–	1.2 ± 0.2	pl	0.6 – 3.3	-2.2 ± 0.2	–	–	–
J1635–5954	3.4 ± 0.8	–	0.4 ± 0.1	lps	0.4 – 3.3	–	–	–	–
J1636–4440	<0.2	0.29 ± 0.02	0.16 ± 0.02	–	1.4 – 3.1	–	–	$0.28^{+0.09}_{-0.05}$	–
J1636–4803	–	–	0.37 ± 0.04	pl	1.3 – 3.4	-2.0 ± 0.2	–	–	–
J1637–4553	3.0 ± 0.4	1.5 ± 0.09	0.37 ± 0.03	pl	0.4 – 3.4	-1.6 ± 0.2	$0.33^{+0.07}_{-0.2}$	$0.32^{+0.04}_{-0.05}$	$0.2^{+0.1}_{-0.1}$
J1637–4642	<0.2	0.93 ± 0.05	0.53 ± 0.03	pl	1.4 – 3.4	-0.6 ± 0.2	–	$0.22^{+0.02}_{-0.04}$	$0.13^{+0.04}_{-0.06}$
J1638–4417	<0.08	0.3 ± 0.02	0.07 ± 0.02	–	1.4 – 3.1	–	–	$0.22^{+0.03}_{-0.03}$	–
J1638–4608	<0.3	0.45 ± 0.02	0.121 ± 0.009	–	1.4 – 3.1	–	–	$0.21^{+0.02}_{-0.03}$	$0.13^{+0.07}_{-0.04}$
J1639–4359	4.9 ± 0.9	–	0.19 ± 0.04	pl	0.7 – 3.1	-2.3 ± 0.3	–	–	–
J1639–4604	4.9 ± 0.9	–	0.15 ± 0.03	pl	0.4 – 3.1	-2.4 ± 0.4	–	–	–
J1640–4715	4 ± 2	1.56 ± 0.08	0.6 ± 0.03	pl	0.7 – 3.4	-1.1 ± 0.1	–	$0.13^{+0.01}_{-0.02}$	$0.11^{+0.05}_{-0.07}$
J1643–4505	<0.4	0.45 ± 0.02	0.27 ± 0.02	pl	1.4 – 3.4	-0.5 ± 0.2	–	$0.16^{+0.04}_{-0.02}$	$0.14^{+0.07}_{-0.04}$
J1644–4559	1200 ± 60	300 ± 60	61 ± 3	low turn-over	0.3 – 17.0	–	–	–	$0.04^{+0.5}_{-0.02}$
J1646–4346	<0.4	1.25 ± 0.08	0.39 ± 0.04	pl	1.3 – 3.1	-1.4 ± 0.3	–	$0.39^{+0.04}_{-0.04}$	$0.4^{+0.06}_{-0.1}$
J1646–6831	8 ± 2	–	0.7 ± 0.4	pl	0.4 – 3.4	-1.9 ± 0.4	–	–	–
J1648–4611	<0.07	0.61 ± 0.03	0.46 ± 0.03	–	1.4 – 3.1	–	–	$0.23^{+0.03}_{-0.04}$	$0.14^{+0.03}_{-0.05}$
J1649–4349	–	–	<0.07	–	1.4 – 1.4	–	–	–	–
J1649–4653	<0.1	0.37 ± 0.02	0.13 ± 0.01	pl	1.3 – 3.1	-1.2 ± 0.3	–	$0.21^{+0.06}_{-0.03}$	$0.19^{+0.1}_{-0.08}$
J1650–4502	<2.0	0.61 ± 0.04	0.27 ± 0.03	–	1.4 – 3.1	–	–	$0.29^{+0.02}_{-0.06}$	$0.3^{+0.1}_{-0.2}$
J1650–4921	<0.3	0.29 ± 0.02	0.31 ± 0.03	pl	1.4 – 3.4	0.1 ± 0.2	–	$0.25^{+0.06}_{-0.04}$	$0.22^{+0.05}_{-0.1}$
J1651–4246	80 ± 8	–	2.8 ± 0.3	low turn-over	0.08 – 3.5	–	–	–	–
J1651–5222	11 ± 3	–	1.7 ± 0.4	pl	0.4 – 3.5	-1.4 ± 0.2	–	–	–
J1651–5255	9 ± 2	–	0.7 ± 0.2	broken pl	0.4 – 3.4	–	–	–	–
J1653–3838	2.6 ± 0.5	–	0.9 ± 0.2	pl	0.6 – 3.5	-0.7 ± 0.2	–	–	–
J1653–4249	0.28 ± 0.06	–	2.0 ± 1.0	pl	0.7 – 3.4	1.0 ± 0.6	–	–	–
J1654–4140	<5.0	–	0.1 ± 0.02	–	1.4 – 3.1	–	–	–	–

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\mathrm{r},\,728}$	$m_{\mathrm{r},\,1382}$	$m_{\mathrm{r},\,3100}$
J1658–4958	3.7 ± 0.8	–	0.23 ± 0.06	lps	$0.7-3.3$	–	–	–	–
J1700–3312	3.9 ± 0.9	–	0.31 ± 0.08	pl	$0.4-3.1$	-1.8 ± 0.3	–	–	–
J1701–3726	14 ± 2	–	0.9 ± 0.2	pl	$0.6-3.4$	-2.0 ± 0.2	–	–	–
J1701–4533	5.2 ± 0.7	–	0.6 ± 0.1	pl	$0.6-3.3$	-1.4 ± 0.2	–	–	–
J1702–4128	<1.0	1.17 ± 0.07	0.94 ± 0.06	pl	$1.4-6.5$	-0.2 ± 0.2	–	$0.27^{+0.04}_{-0.02}$	$0.14^{+0.03}_{-0.04}$
J1702–4306	–	0.46 ± 0.04	–	–	$1.3-1.4$	–	–	–	–
J1702–4310	–	0.92 ± 0.06	0.42 ± 0.07	pl	$1.3-3.3$	-1.1 ± 0.3	–	$0.13^{+0.04}_{-0.03}$	–
J1703–3241	30 ± 8	–	1.9 ± 0.6	lps	$0.4-3.5$	–	–	–	–
J1703–4851	5.0 ± 1.0	–	<0.09	pl	$0.4-1.4$	-2.3 ± 0.5	–	–	–
J1704–6016	<0.1	–	–	–	$0.4-0.6$	–	–	–	–
J1705–3423	15 ± 4	–	1.6 ± 0.4	pl	$0.4-3.4$	-1.6 ± 0.2	–	–	–
J1705–3950	–	1.6 ± 0.1	1.1 ± 0.2	lps	$0.6-3.4$	–	–	$0.11^{+0.1}_{-0.04}$	–
J1705–4108	–	–	1.0 ± 0.1	pl	$1.4-3.4$	-0.4 ± 0.5	–	–	–
J1707–4053	22 ± 4	–	1.5 ± 0.3	hard cut-off	$0.2-6.5$	–	–	–	–
J1707–4729	<2.0	–	0.8 ± 0.2	pl	$1.3-3.4$	-1.4 ± 0.3	–	–	–
J1708–3426	9 ± 2	–	0.24 ± 0.06	pl	$0.4-3.1$	-2.6 ± 0.3	–	–	–
J1709–4429	–	12.1 ± 0.7	5.0 ± 1.0	pl	$0.4-8.4$	-0.8 ± 0.2	–	$0.11^{+0.04}_{-0.05}$	–
J1711–5350	4.0 ± 1.0	–	0.19 ± 0.06	pl	$0.4-3.1$	-2.0 ± 0.5	–	–	–
J1715–3903	–	0.66 ± 0.05	0.33 ± 0.04	–	$1.4-3.1$	–	–	$0.2^{+0.05}_{-0.07}$	–
J1715–4034	6.0 ± 1.0	–	0.26 ± 0.06	pl	$0.7-3.1$	-2.2 ± 0.2	–	–	–
J1717–3425	19 ± 2	–	0.6 ± 0.09	pl	$0.6-3.4$	-2.4 ± 0.1	–	–	–
J1717–4054	20 ± 3	<0.06	1.0 ± 0.2	pl	$0.4-3.4$	-1.4 ± 0.5	–	–	–
J1718–3825	–	1.7 ± 0.1	1.1 ± 0.2	pl	$1.3-3.5$	-0.5 ± 0.2	–	$0.15^{+0.02}_{-0.08}$	–
J1719–4006	3.6 ± 0.6	–	0.41 ± 0.07	pl	$0.6-3.4$	-1.5 ± 0.2	–	–	–
J1720–1633	5 ± 2	–	<0.1	pl	$0.4-4.9$	-2.1 ± 0.4	–	–	–
J1721–3532	–	16.8 ± 0.9	8.0 ± 0.7	pl	$1.3-17.0$	-0.8 ± 0.1	–	$0.06^{+0.02}_{-0.02}$	–
J1722–3207	17 ± 4	–	1.1 ± 0.3	pl	$0.08-3.4$	-2.01 ± 0.06	–	–	–
J1722–3712	–	3.8 ± 0.3	0.6 ± 0.2	pl	$0.4-3.5$	-2.2 ± 0.2	–	$0.23^{+0.04}_{-0.08}$	–
J1723–3659	–	2.1 ± 0.1	0.71 ± 0.09	lps	$0.3-3.4$	–	–	$0.16^{+0.09}_{-0.04}$	–
J1726–3530	–	0.39 ± 0.03	0.18 ± 0.06	–	$1.4-3.1$	–	–	$0.14^{+0.09}_{-0.07}$	–
J1727–2739	7 ± 2	–	0.7 ± 0.2	lps	$0.7-3.1$	–	–	–	–
J1730–2304	6 ± 3	3.0 ± 1.0	0.1 ± 0.1	pl	$0.1-3.1$	-1.6 ± 0.2	–	–	–
J1730–3350	–	4.3 ± 0.2	0.9 ± 0.1	pl	$1.3-8.4$	-1.8 ± 0.1	–	$0.06^{+0.02}_{-0.03}$	–
J1731–4744	–	27 ± 3	7 ± 2	lps	$0.08-3.5$	–	–	$0.36^{+0.07}_{-0.1}$	–
J1733–3322	<0.2	–	0.35 ± 0.06	pl	$1.3-3.1$	-1.8 ± 0.4	–	–	–
J1733–3716	–	3.6 ± 0.2	2.1 ± 0.3	pl	$0.6-3.5$	-0.6 ± 0.2	–	$0.13^{+0.04}_{-0.08}$	–
J1734–3333	–	0.49 ± 0.06	0.37 ± 0.08	pl	$1.4-3.5$	-0.5 ± 0.4	–	$0.45^{+0.5}_{-0.06}$	–
J1735–3258	–	0.35 ± 0.06	0.39 ± 0.05	pl	$1.4-3.4$	-0.1 ± 0.4	–	$0.4^{+0.2}_{-0.2}$	–
J1737–3137	–	0.88 ± 0.06	0.2 ± 0.02	pl	$1.3-3.1$	-2.0 ± 0.3	–	$0.23^{+0.04}_{-0.06}$	–
J1737–3555	2.5 ± 0.8	–	0.28 ± 0.09	pl	$0.6-3.1$	-1.2 ± 0.4	–	–	–
J1738–2955	–	0.24 ± 0.02	0.04 ± 0.01	–	$1.4-3.1$	–	–	$0.25^{+0.05}_{-0.1}$	–
J1738–3211	5 ± 2	–	0.8 ± 0.4	pl	$0.6-3.5$	-0.9 ± 0.2	–	–	–
J1739–2903	–	4.5 ± 0.3	1.4 ± 0.3	pl	$0.6-3.4$	-1.3 ± 0.3	–	$0.11^{+0.04}_{-0.04}$	–
J1739–3023	–	1.01 ± 0.07	0.16 ± 0.03	pl	$0.6-3.1$	-1.5 ± 0.2	–	$0.18^{+0.1}_{-0.02}$	–
J1740–3015	18 ± 2	8.9 ± 0.5	3.4 ± 0.2	pl	$0.6-17.0$	-1.11 ± 0.06	$0.22^{+0.07}_{-0.1}$	$0.19^{+0.02}_{-0.02}$	$0.14^{+0.04}_{-0.05}$
J1741–2733	6 ± 2	–	<0.2	pl	$0.7-1.5$	-2.2 ± 0.4	–	–	–
J1741–3016	–	–	0.29 ± 0.05	pl	$1.3-3.1$	-2.4 ± 0.4	–	–	–
J1741–3927	19 ± 3	–	2.0 ± 0.4	pl	$0.4-3.5$	-1.6 ± 0.1	–	–	–
J1743–3150	9 ± 2	–	0.31 ± 0.08	broken pl	$0.3-3.1$	–	–	–	–
J1744–1134	12 ± 9	13 ± 8	0.3 ± 0.3	pl	$0.1-5.0$	-1.7 ± 0.1	–	–	–
J1744–3130	1.8 ± 0.4	–	0.35 ± 0.08	pl	$0.6-3.3$	-1.1 ± 0.3	–	–	–
J1745–3040	–	21.0 ± 1.0	4.2 ± 0.7	lps	$0.4-4.9$	–	–	$0.19^{+0.03}_{-0.09}$	–
J1748–1300	11 ± 2	–	0.3 ± 0.2	pl	$0.1-3.3$	-1.8 ± 0.2	–	–	–
J1749–3002	11 ± 2	–	1.0 ± 0.2	pl	$0.6-3.4$	-1.6 ± 0.2	–	–	–
J1751–3323	1.5 ± 0.2	–	0.9 ± 0.1	broken pl	$0.6-3.4$	–	–	–	–
J1751–4657	30 ± 10	–	0.4 ± 0.2	hard cut-off	$0.4-3.4$	–	–	–	–
J1752–2806	350 ± 50	–	5 ± 2	lps	$0.06-10.7$	–	–	–	–
J1755–2521	<1.0	–	–	–	$1.4-1.4$	–	–	–	–
J1756–2435	6.0 ± 1.0	–	0.4 ± 0.07	pl	$0.6-3.3$	-1.5 ± 0.3	–	–	–
J1757–2223	–	–	0.34 ± 0.08	pl	$1.3-3.3$	-1.5 ± 0.4	–	–	–
J1757–2421	–	7.2 ± 0.4	2.2 ± 0.3	pl	$0.4-6.5$	-1.27 ± 0.08	–	$0.1^{+0.03}_{-0.03}$	–
J1758–2630	–	–	<0.03	–	$1.3-1.5$	–	–	–	–
J1759–1956	1.7 ± 0.3	–	0.1 ± 0.02	pl	$0.7-3.1$	-2.0 ± 0.4	–	–	–

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\mathrm{r},728}$	$m_{\mathrm{r},1382}$	$m_{\mathrm{r},3100}$
J1759–2205	–	–	0.5 ± 0.1	pl	$0.4-4.9$	-1.8 ± 0.2	–	–	–
J1759–3107	4.0 ± 0.7	–	0.38 ± 0.09	pl	$0.7-3.3$	-1.6 ± 0.2	–	–	–
J1801–2154	–	0.21 ± 0.02	0.069 ± 0.009	–	$1.4-3.1$	–	–	–	–
J1801–2304	–	7.0 ± 0.5	1.6 ± 0.1	pl	$1.3-6.5$	-1.7 ± 0.1	–	$0.19^{+0.05}_{-0.03}$	–
J1801–2451	–	1.46 ± 0.09	0.22 ± 0.03	pl	$0.6-3.1$	-0.8 ± 0.2	–	$0.14^{+0.05}_{-0.05}$	–
J1801–2920	7.0 ± 1.0	–	0.42 ± 0.08	pl	$0.6-3.3$	-2.0 ± 0.2	–	–	–
J1803–1857	<5.0	–	<0.3	–	$1.3-1.5$	–	–	–	–
J1803–2137	–	15.0 ± 1.0	8.0 ± 1.0	low turn-over	$0.3-6.5$	–	–	$0.17^{+0.03}_{-0.04}$	–
J1805–1504	14 ± 3	–	–	pl	$0.7-1.5$	-1.8 ± 0.2	–	–	–
J1806–1154	8 ± 2	–	0.4 ± 0.1	broken pl	$0.4-3.3$	–	–	–	–
J1806–2125	–	0.8 ± 0.04	0.16 ± 0.02	pl	$1.2-3.3$	-2.1 ± 0.3	–	$0.11^{+0.07}_{-0.05}$	–
J1807–0847	34 ± 6	–	4.0 ± 1.0	pl	$0.1-4.9$	-1.4 ± 0.1	–	–	–
J1807–2459A	<0.2	–	0.3 ± 0.1	–	$1.4-3.1$	–	–	–	–
J1808–0813	7.0 ± 1.0	–	0.23 ± 0.04	pl	$0.1-3.1$	-2.1 ± 0.2	–	–	–
J1808–2057	16 ± 2	–	1.0 ± 0.1	pl	$0.6-4.9$	-2.0 ± 0.2	–	–	–
J1809–1429	3.5 ± 0.5	–	0.24 ± 0.04	pl	$0.7-3.1$	-2.1 ± 0.2	–	–	–
J1809–1917	–	2.8 ± 0.2	2.1 ± 0.3	pl	$1.2-6.5$	-0.4 ± 0.2	–	$0.26^{+0.02}_{-0.07}$	–
J1809–2109	–	–	0.28 ± 0.05	pl	$0.6-3.3$	-1.8 ± 0.3	–	–	–
J1809–3547	20 ± 10	–	–	–	$0.4-0.8$	–	–	–	–
J1810–5338	12 ± 3	–	0.5 ± 0.2	pl	$0.4-3.3$	-2.1 ± 0.4	–	–	–
J1812–1718	–	–	0.2 ± 0.04	pl	$1.3-3.1$	-2.2 ± 0.4	–	–	–
J1812–1733	11 ± 2	–	1.0 ± 0.1	lps	$0.7-3.5$	–	–	–	–
J1812–1910	–	0.28 ± 0.02	0.076 ± 0.009	–	$1.4-3.1$	–	–	$0.21^{+0.1}_{-0.08}$	–
J1812–2102	–	–	0.51 ± 0.08	pl	$1.3-4.9$	-1.8 ± 0.2	–	–	–
J1815–1738	–	0.4 ± 0.03	0.14 ± 0.02	pl	$1.4-3.3$	-1.2 ± 0.4	–	$0.18^{+0.1}_{-0.07}$	–
J1817–3618	7 ± 4	–	0.4 ± 0.2	pl	$0.4-3.4$	-2.0 ± 0.4	–	–	–
J1817–3837	9 ± 4	–	0.6 ± 0.1	pl	$0.4-3.4$	-1.7 ± 0.4	–	–	–
J1818–1519	<0.2	–	<0.02	–	$1.4-1.4$	–	–	–	–
J1820–1529	–	0.83 ± 0.08	0.23 ± 0.02	pl	$1.3-3.4$	-1.7 ± 0.2	–	$0.3^{+0.1}_{-0.1}$	–
J1822–2256	16 ± 4	–	1.0 ± 0.3	pl	$0.4-3.4$	-1.8 ± 0.1	–	–	–
J1822–4209	2.3 ± 0.8	–	0.3 ± 0.1	pl	$0.4-3.1$	-1.4 ± 0.6	–	–	–
J1823–1115	11.0 ± 1.0	–	1.0 ± 0.1	pl	$0.4-4.9$	-1.52 ± 0.09	–	–	–
J1823–3106	11 ± 3	–	1.2 ± 0.4	pl	$0.4-3.3$	-1.8 ± 0.2	–	–	–
J1824–1118	6.2 ± 0.8	–	0.44 ± 0.07	pl	$0.6-4.9$	-2.1 ± 0.2	–	–	–
J1824–1945	–	7.8 ± 0.4	1.3 ± 0.2	lps	$0.08-4.9$	–	–	$0.12^{+0.02}_{-0.04}$	–
J1825–1446	–	2.9 ± 0.2	1.9 ± 0.3	lps	$0.3-4.9$	–	–	$0.22^{+0.06}_{-0.07}$	–
J1826–1334	–	4.7 ± 0.2	3.0 ± 0.4	lps	$0.3-3.5$	–	–	$0.05^{+0.04}_{-0.02}$	–
J1827–0750	7.0 ± 1.0	–	0.7 ± 0.1	pl	$0.7-3.4$	-1.6 ± 0.2	–	–	–
J1828–0611	3.6 ± 0.6	–	0.43 ± 0.08	pl	$0.7-3.4$	-1.5 ± 0.2	–	–	–
J1828–1057	–	0.33 ± 0.04	0.17 ± 0.03	–	$1.4-3.1$	–	–	$0.27^{+0.05}_{-0.1}$	–
J1828–1101	–	2.3 ± 0.2	1.4 ± 0.2	pl	$1.3-4.9$	-0.6 ± 0.3	–	$0.22^{+0.05}_{-0.1}$	–
J1829–1751	28 ± 6	–	3.0 ± 0.7	pl	$0.4-4.9$	-1.7 ± 0.1	–	–	–
J1830–1059	–	1.5 ± 0.1	0.6 ± 0.1	lps	$0.6-4.9$	–	–	$0.32^{+0.09}_{-0.1}$	–
J1831–0823	3.4 ± 0.7	–	0.21 ± 0.05	pl	$0.7-3.1$	-1.9 ± 0.3	–	–	–
J1831–0952	–	0.35 ± 0.04	–	–	$1.4-1.4$	–	–	–	–
J1831–1223	3.7 ± 0.6	–	0.24 ± 0.05	pl	$0.7-3.1$	-1.9 ± 0.3	–	–	–
J1832–0644	<0.1	–	1.5 ± 0.2	pl	$1.4-3.4$	1.0 ± 0.5	–	–	–
J1832–0827	–	4.0 ± 0.3	1.5 ± 0.2	lps	$0.4-6.5$	–	–	$0.17^{+0.1}_{-0.05}$	–
J1833–0338	14 ± 3	–	0.35 ± 0.05	pl	$0.1-3.3$	-2.8 ± 0.1	–	–	–
J1833–0827	–	6.9 ± 0.4	1.9 ± 0.2	pl	$0.6-4.9$	-1.5 ± 0.1	–	$0.15^{+0.02}_{-0.04}$	–
J1834–0731	–	1.3 ± 0.1	0.37 ± 0.05	pl	$0.6-4.9$	-1.6 ± 0.1	–	$0.22^{+0.06}_{-0.08}$	–
J1834–1710	4.0 ± 1.0	–	0.17 ± 0.05	pl	$0.7-3.1$	-2.2 ± 0.4	–	–	–
J1835–0643	–	2.3 ± 0.2	0.6 ± 0.2	lps	$0.3-4.9$	–	–	$0.26^{+0.01}_{-0.1}$	–
J1835–1020	–	–	0.9 ± 0.3	lps	$0.3-4.9$	–	–	–	–
J1835–1106	–	2.5 ± 0.2	0.5 ± 0.1	pl	$0.4-3.3$	-2.1 ± 0.2	–	$0.18^{+0.06}_{-0.06}$	–
J1836–0436	3.3 ± 0.7	–	0.7 ± 0.2	pl	$0.6-3.4$	-1.4 ± 0.2	–	–	–
J1836–1008	–	–	0.5 ± 0.1	lps	$0.4-3.4$	–	–	–	–
J1837–0559	–	0.58 ± 0.04	0.13 ± 0.02	pl	$1.3-3.1$	-1.9 ± 0.4	–	$0.2^{+0.1}_{-0.05}$	–
J1837–0604	–	0.75 ± 0.06	0.38 ± 0.04	pl	$1.4-3.3$	-0.8 ± 0.4	–	$0.17^{+0.2}_{-0.06}$	–
J1837–0653	13 ± 2	–	0.8 ± 0.2	pl	$0.1-3.4$	-1.7 ± 0.2	–	–	–
J1838–0453	–	0.4 ± 0.05	0.09 ± 0.01	–	$1.4-3.1$	–	–	$0.3^{+0.1}_{-0.1}$	–
J1838–0549	–	0.42 ± 0.04	0.14 ± 0.02	–	$1.4-3.1$	–	–	$0.19^{+0.05}_{-0.1}$	–
J1839–0321	–	0.27 ± 0.03	0.066 ± 0.009	–	$1.4-3.1$	–	–	–	–

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\mathrm{r,\,728}}$	$m_{\mathrm{r,\,1382}}$	$m_{\mathrm{r,\,3100}}$
J1839−0643	< 2.0	–	0.56 ± 0.09	pl	1.3 − 3.3	−1.5 ± 0.3	–	–	–
J1839−0905	–	0.22 ± 0.02	0.11 ± 0.02	–	1.4 − 3.1	–	–	$0.15^{+0.08}_{-0.07}$	–
J1840−0809	5.0 ± 0.8	–	0.8 ± 0.1	pl	0.7 − 3.5	−1.5 ± 0.1	–	–	–
J1840−0815	9 ± 2	–	0.5 ± 0.1	pl	0.7 − 3.3	−2.3 ± 0.2	–	–	–
J1841−0425	–	3.3 ± 0.2	0.72 ± 0.09	pl	0.6 − 3.4	−1.7 ± 0.1	–	$0.04^{+0.01}_{-0.01}$	–
J1841−0524	–	0.2 ± 0.04	0.048 ± 0.007	–	1.4 − 3.1	–	–	$0.43^{+0.04}_{-0.3}$	–
J1842−0153	1.4 ± 0.2	–	0.15 ± 0.03	pl	0.7 − 3.1	−1.7 ± 0.4	–	–	–
J1842−0359	36 ± 8	–	3.4 ± 0.8	pl	0.1 − 3.5	−1.5 ± 0.1	–	–	–
J1842−0905	–	1.04 ± 0.07	0.32 ± 0.05	pl	0.6 − 3.3	−1.4 ± 0.2	–	$0.18^{+0.04}_{-0.07}$	–
J1843−0000	10 ± 3	–	1.2 ± 0.4	pl	0.7 − 3.3	−1.5 ± 0.2	–	–	–
J1843−0211	2.0 ± 0.3	–	0.31 ± 0.05	lps	0.7 − 3.4	–	–	–	–
J1843−0355	–	0.89 ± 0.07	0.54 ± 0.05	pl	1.4 − 3.4	−0.3 ± 0.3	–	$0.16^{+0.1}_{-0.07}$	–
J1843−0459	4.1 ± 0.6	–	0.21 ± 0.04	pl	0.7 − 3.1	−2.4 ± 0.4	–	–	–
J1843−0702	–	0.27 ± 0.04	< 0.06	–	1.4 − 1.4	–	–	$0.3^{+0.2}_{-0.1}$	–
J1844−0256	–	0.59 ± 0.06	0.35 ± 0.03	–	1.4 − 3.3	–	–	$0.3^{+0.2}_{-0.1}$	–
J1844−0433	16 ± 4	–	0.24 ± 0.07	pl	0.4 − 3.4	−1.8 ± 0.1	–	–	–
J1844−0538	–	3.2 ± 0.2	0.55 ± 0.07	pl	0.6 − 4.9	−1.9 ± 0.1	–	$0.1^{+0.01}_{-0.04}$	–
J1845−0743	–	3.7 ± 0.2	0.9 ± 0.1	pl	1.3 − 3.4	−1.7 ± 0.2	–	$0.12^{+0.02}_{-0.04}$	–
J1845−1114	0.8 ± 0.2	–	0.3 ± 0.07	–	0.7 − 3.1	–	–	–	–
J1847−0402	–	4.9 ± 0.3	1.4 ± 0.2	lps	0.1 − 4.9	–	–	$0.13^{+0.03}_{-0.05}$	–
J1847−0438	< 0.2	–	0.15 ± 0.03	pl	1.3 − 3.1	−1.7 ± 0.5	–	–	–
J1847−0605	< 3.0	–	< 0.2	–	1.3 − 1.5	–	–	–	–
J1848−0123	40 ± 10	–	3.1 ± 0.8	pl	0.1 − 10.6	−1.64 ± 0.09	–	–	–
J1848−1414	1.7 ± 0.4	–	0.07 ± 0.02	pl	0.4 − 3.1	−2.2 ± 0.4	–	–	–
J1849−0636	7 ± 2	–	0.23 ± 0.06	pl	0.1 − 3.3	−2.3 ± 0.1	–	–	–
J1850−0026	< 0.1	–	0.6 ± 0.08	–	1.4 − 3.3	–	–	–	–
J1852−0635	11 ± 2	–	10 ± 2	broken pl	0.3 − 8.3	–	–	–	–
J1852−2610	1.9 ± 0.7	–	–	–	0.4 − 1.4	–	–	–	–
J1853+0545	< 0.3	–	1.1 ± 0.3	pl	1.3 − 3.5	−1.2 ± 0.2	–	–	–
J1853−0004	–	0.7 ± 0.1	0.17 ± 0.02	pl	1.3 − 3.1	−2.3 ± 0.3	–	$0.58^{+0.04}_{-0.3}$	–
J1854−1421	9 ± 2	–	0.5 ± 0.1	pl	0.4 − 3.3	−1.4 ± 0.3	–	–	–
J1855+0307	1.9 ± 0.2	–	0.23 ± 0.05	pl	0.7 − 3.1	−1.6 ± 0.3	–	–	–
J1856+0404	–	–	< 1.0	–	1.3 − 1.5	–	–	–	–
J1857+0212	5.6 ± 0.8	–	0.8 ± 0.1	lps	0.1 − 4.9	–	–	–	–
J1900−2600	50 ± 20	–	2.1 ± 0.7	broken pl	0.08 − 10.7	–	–	–	–
J1900−7951	4 ± 2	–	< 0.1	–	0.4 − 0.8	–	–	–	–
J1901+0331	39 ± 6	–	0.9 ± 0.2	pl	0.1 − 4.9	−2.7 ± 0.1	–	–	–
J1901−0906	6.0 ± 1.0	–	0.19 ± 0.07	pl	0.4 − 3.4	−2.4 ± 0.3	–	–	–
J1902+0556	–	–	0.5 ± 0.1	pl	0.1 − 4.9	−1.8 ± 0.1	–	–	–
J1903+0135	29 ± 4	–	1.3 ± 0.2	pl	0.4 − 4.9	−2.0 ± 0.1	–	–	–
J1903−0632	7 ± 2	–	0.13 ± 0.03	hard cut-off	0.1 − 3.1	–	–	–	–
J1903−0848	0.7 ± 0.2	–	< 0.02	–	0.7 − 0.8	–	–	–	–
J1904+0004	8 ± 2	–	0.6 ± 0.1	pl	0.4 − 3.5	−1.8 ± 0.2	–	–	–
J1905−0056	1.7 ± 0.3	–	0.12 ± 0.03	pl	0.1 − 3.1	−2.19 ± 0.08	–	–	–
J1907+0534	0.9 ± 0.1	–	–	–	0.7 − 1.4	–	–	–	–
J1908+0500	3.4 ± 0.7	–	0.4 ± 0.1	pl	0.4 − 3.4	−1.6 ± 0.2	–	–	–
J1909+1102	12 ± 3	–	0.34 ± 0.09	pl	0.1 − 3.4	−2.5 ± 0.1	–	–	–
J1909−3744	1.5 ± 0.8	1.0 ± 1.0	0.5 ± 0.4	pl	0.7 − 3.1	−1.2 ± 0.1	–	–	–
J1913−0440	28 ± 5	–	1.8 ± 0.5	low turn-over	0.1 − 3.5	–	–	–	–
J1915+1009	–	–	0.39 ± 0.09	pl	0.1 − 3.3	−2.0 ± 0.1	–	–	–
J1916+1312	–	–	0.5 ± 0.1	pl	0.1 − 4.9	−1.8 ± 0.2	–	–	–
J1920+1040	–	–	< 0.01	–	1.3 − 1.5	–	–	–	–
J1932−3655	2.3 ± 0.8	–	0.09 ± 0.04	–	0.4 − 3.1	–	–	–	–
J1933−6211	2 ± 2	–	0.2 ± 0.2	–	0.7 − 3.1	–	–	–	–
J1941−2602	4 ± 2	–	0.5 ± 0.2	pl	0.4 − 3.3	−1.6 ± 0.3	–	–	–
J1946−2913	3.0 ± 1.0	–	< 0.1	pl	0.4 − 1.4	−2.0 ± 0.5	–	–	–
J1947−4215	< 0.07	–	–	–	0.4 − 0.4	–	–	–	–
J2006−0807	11 ± 5	–	< 0.02	pl	0.1 − 1.4	−1.5 ± 0.3	–	–	–
J2010−1323	1.1 ± 0.7	–	–	–	0.7 − 1.4	–	–	–	–
J2038−3816	1.4 ± 0.7	–	< 0.2	–	0.4 − 0.7	–	–	–	–
J2046−0421	–	–	0.2 ± 0.1	pl	0.1 − 3.1	−1.7 ± 0.2	–	–	–
J2048−1616	40 ± 30	–	4 ± 4	broken pl	0.08 − 8.5	–	–	–	–
J2051−0827	3 ± 2	–	–	pl	0.1 − 3.0	−1.5 ± 0.2	–	–	–

Table 1 – *continued*

PSRJ	S_{728} (mJy)	S_{1382} (mJy)	S_{3100} (mJy)	Class	$\Delta\nu$ (GHz)	α	$m_{\mathrm{r},\,728}$	$m_{\mathrm{r},\,1382}$	$m_{\mathrm{r},\,3100}$
J2053–7200	11 ± 7	–	0.3 ± 0.2	broken pl	$0.1 - 3.3$	–	–	–	–
J2108–3429	2.0 ± 1.0	–	–	–	$0.4 - 0.7$	–	–	–	–
J2145–0750	10 ± 10	0.8 ± 0.4	2 ± 2	pl	$0.1 - 5.0$	-1.8 ± 0.1	–	–	–
J2222–0137	1.0 ± 1.0	–	0.5 ± 0.7	–	$0.7 - 3.1$	–	–	–	–
J2317+1439	–	–	< 0.02	pl	$0.1 - 1.4$	-1.3 ± 0.4	–	–	–