APPENDIX F: H I 21-cm ABSORPTION SPECTRA

The H I 21-cm absorption spectra towards all the sources observed by us are shown here. The QGP name as given in Table A1 are provided for each spectra.

APPENDIX G: QGP IMAGES

The radio continuum contours overlaid on the optical images of the QGPs observed by us are presented here. The QGP name as given in Table A1 are provided for each image.

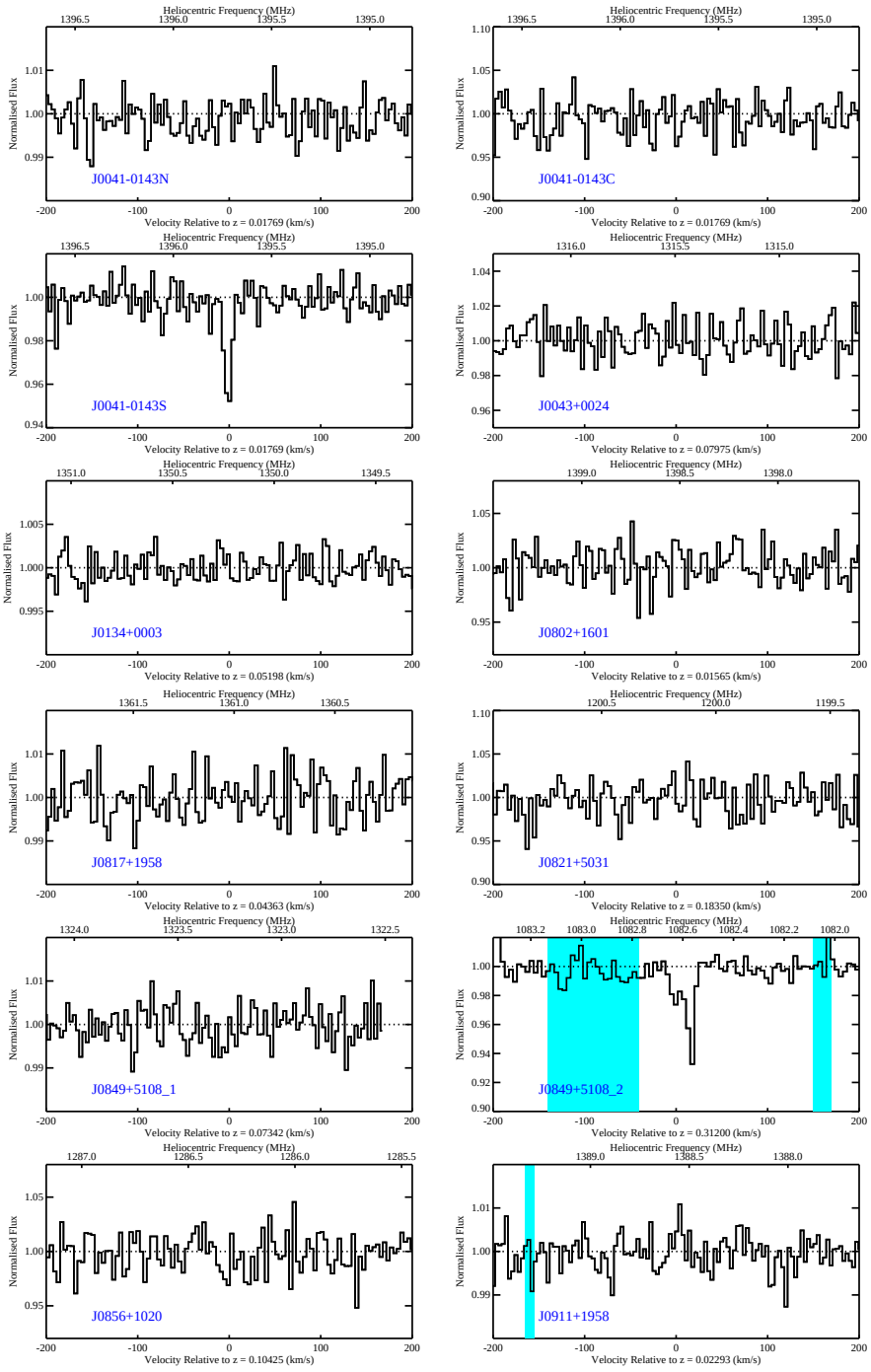


Figure F1. H I 21-cm absorption spectra towards the radio sources in our primary sample, smoothed to $\sim$4 km s^{-1}. The shaded regions are affected by RFI.

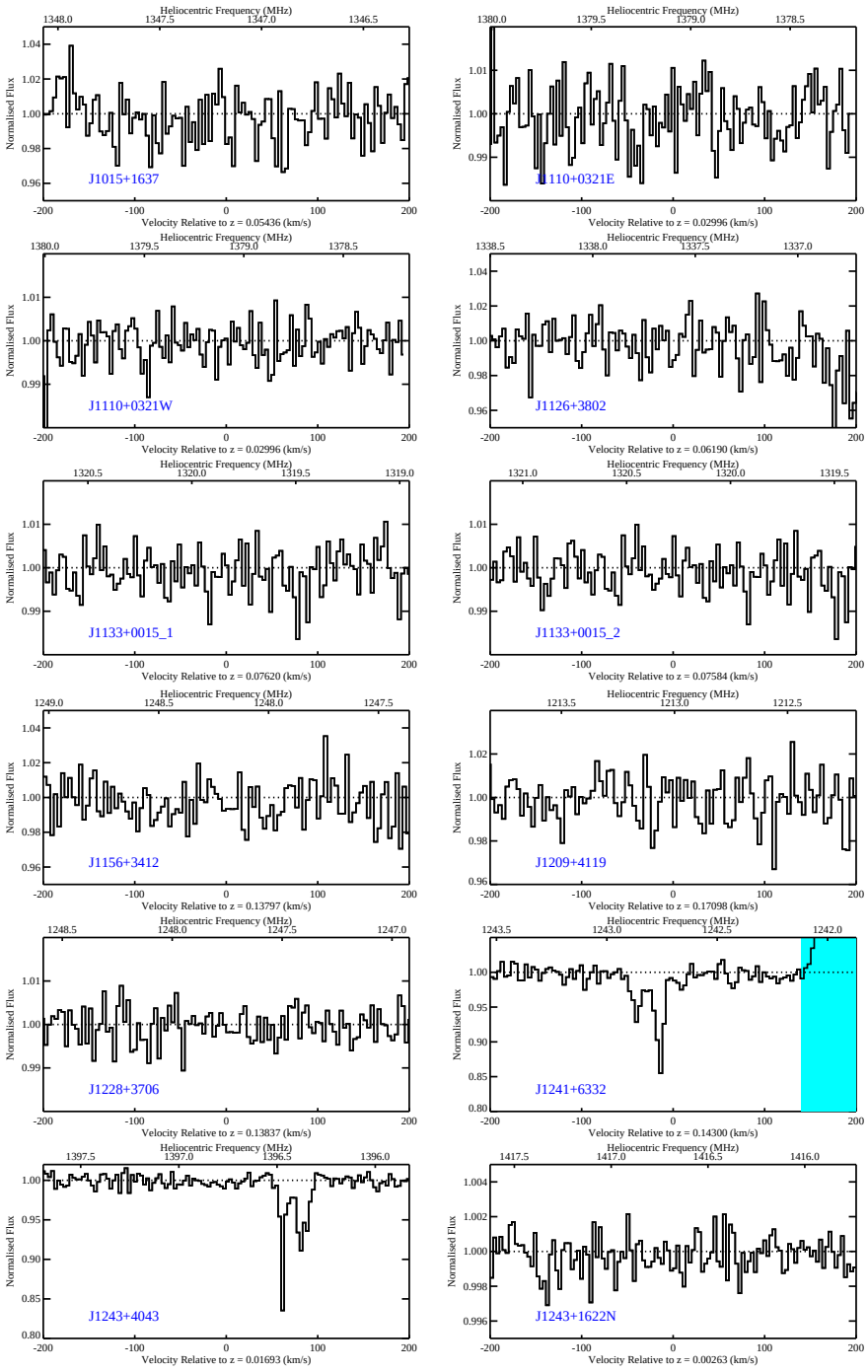


Figure F1. Continued from previous page.

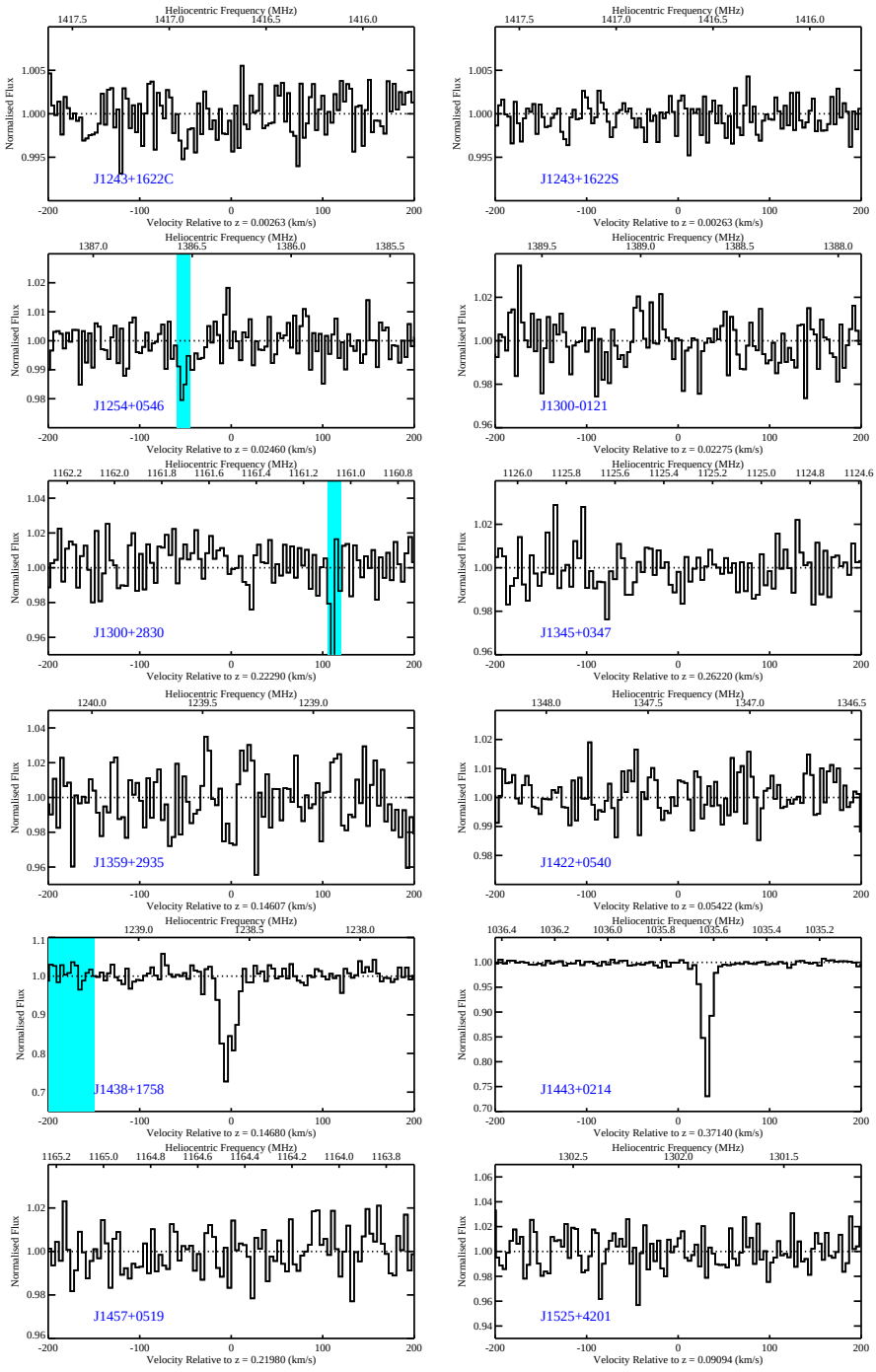


Figure F1. Continued from previous page.

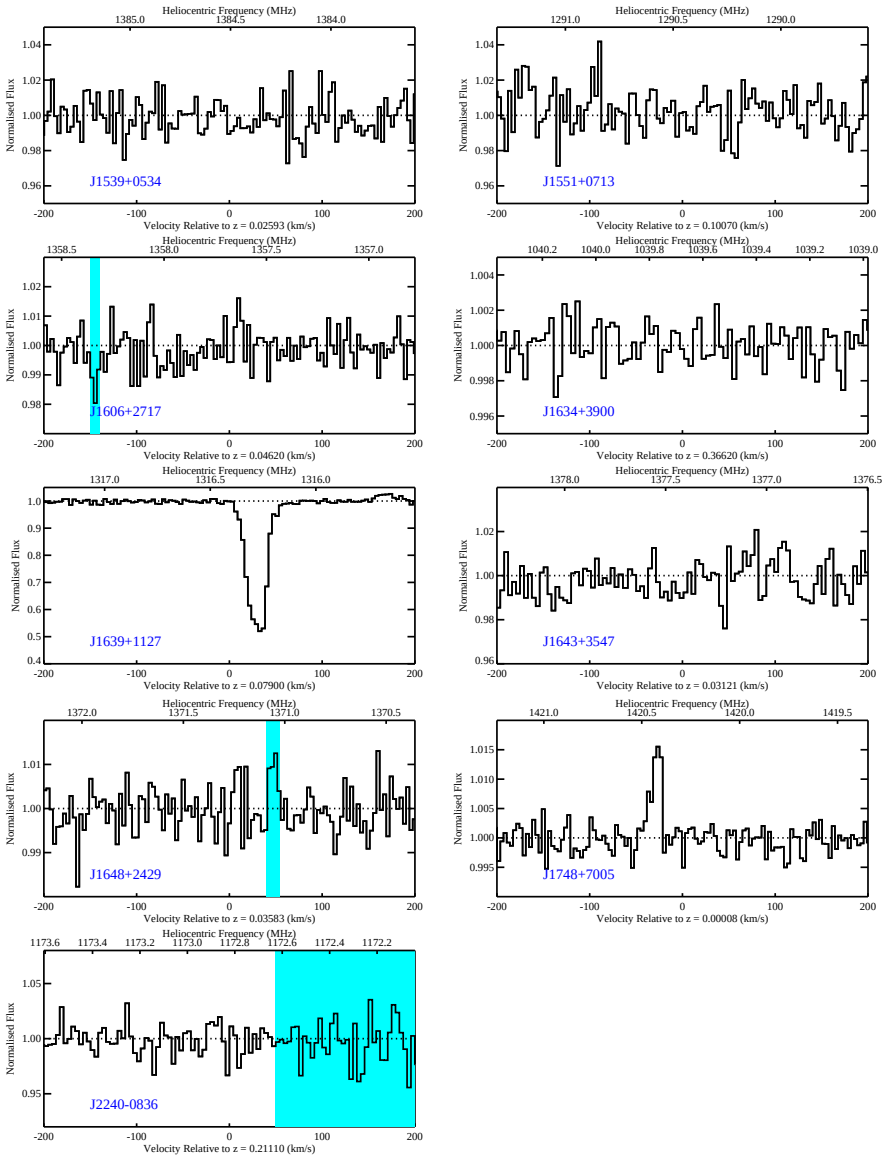


Figure F1. Continued from previous page.

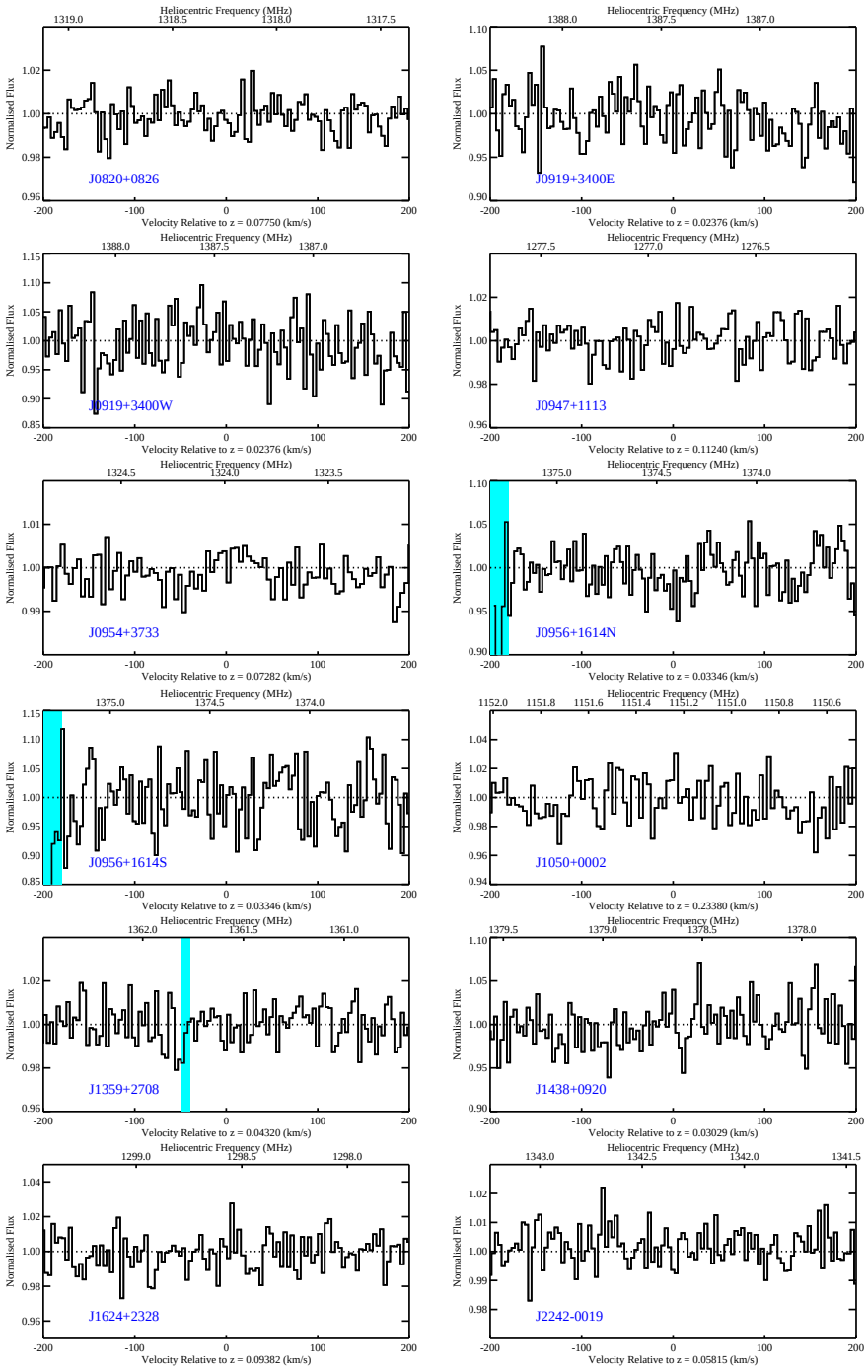


Figure F2. Same as in Fig. F1 for the radio sources in the supplementary sample.

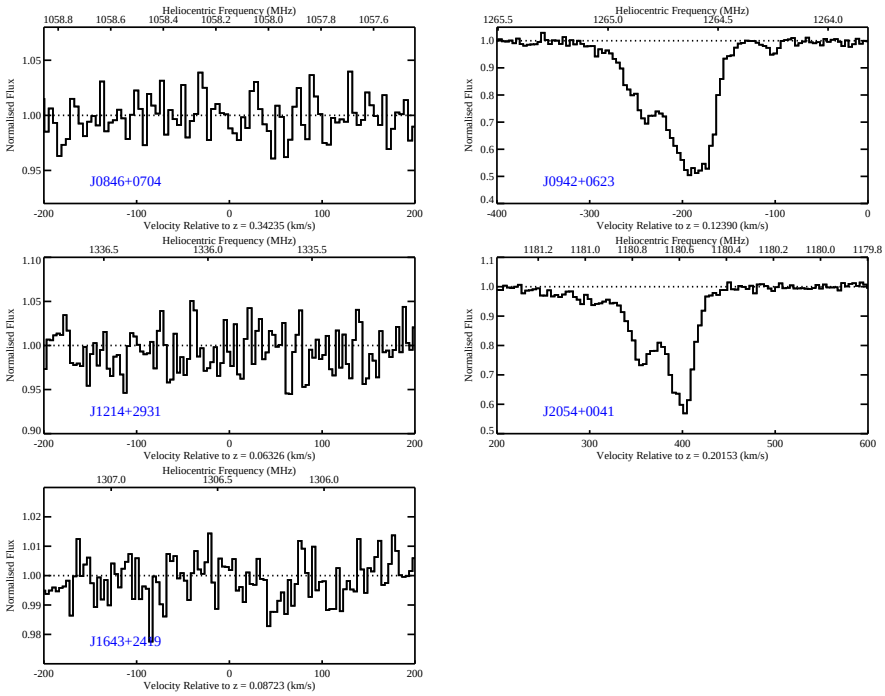


Figure F3. Same as in Fig. F1 for the radio sources in the miscellaneous sample.

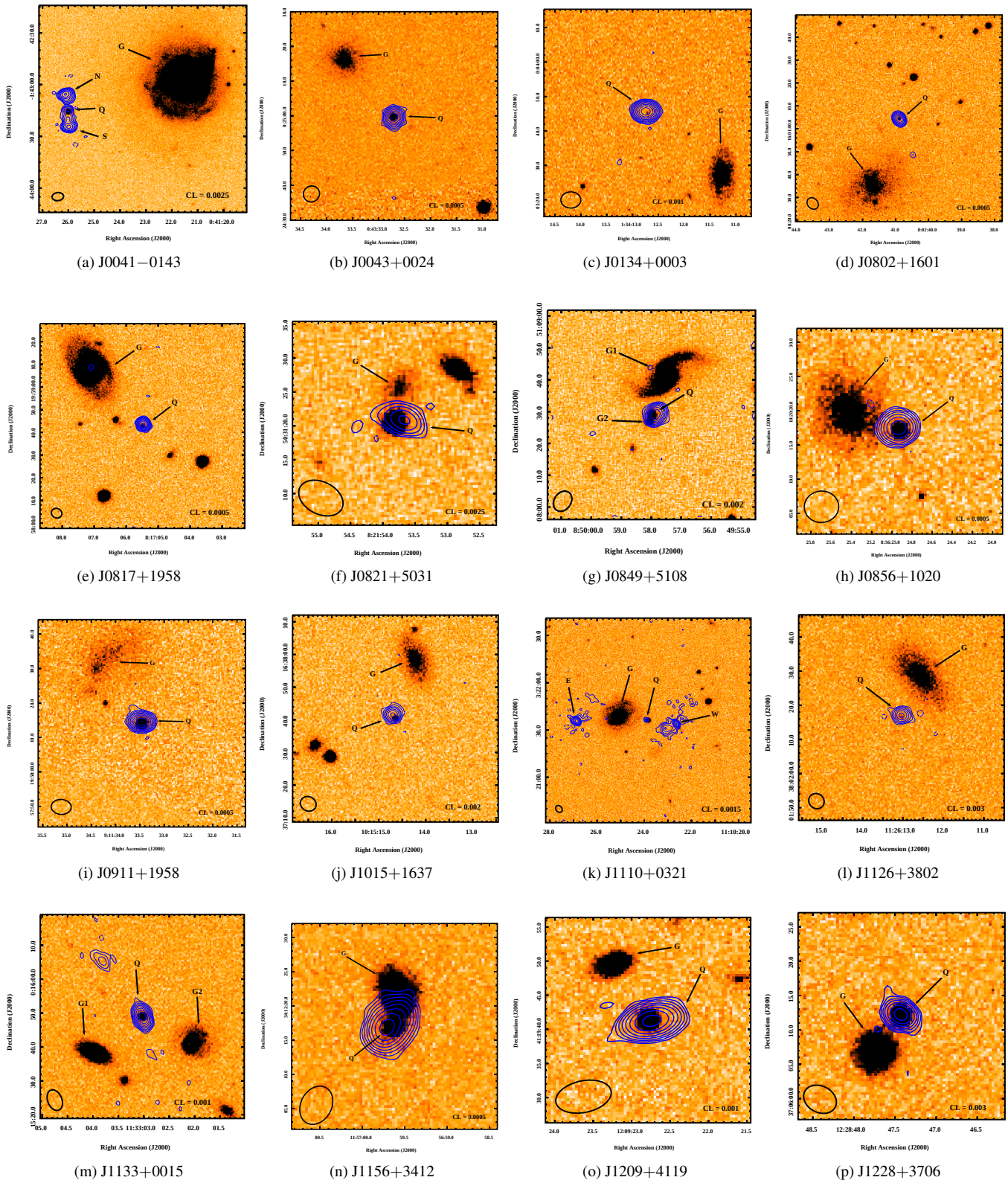
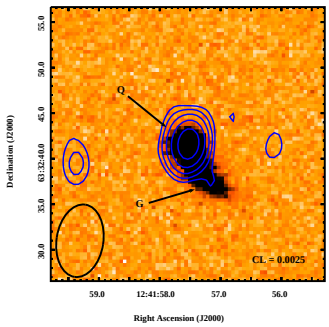
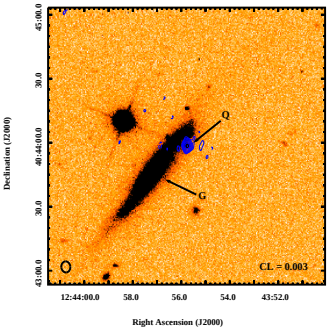


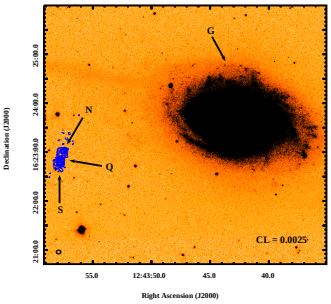
Figure G1. SDSS r-band images (DSS image in case of J1749+7008) overlaid with the 1.4 GHz continuum contours of the QGPs in our primary sample. In each image the radio source is marked by 'Q' and the galaxy is marked by 'G'. In case of the QGPs J0849+5108 and J1133+0015, there are two galaxies around the same radio sightline marked by 'G1' and 'G2'. In case of multiple radio sightlines for the same QGP, the sightlines are marked by N, S, E and W (denoting north, south, east and west, respectively). The restoring beam of the continuum map is shown at the bottom left corner (the sizes are given in Table D1). The contour levels are plotted as CL × (−1,1,2,4,8,...) Jansky beam^{-1}, where CL is given in each image. Solid lines correspond to positive values while dashed lines correspond to negative values.



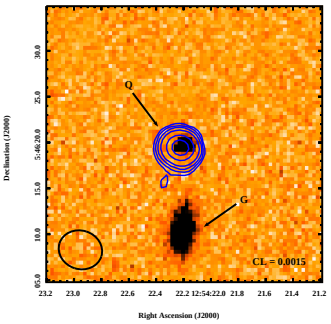
(q) J1241+6332



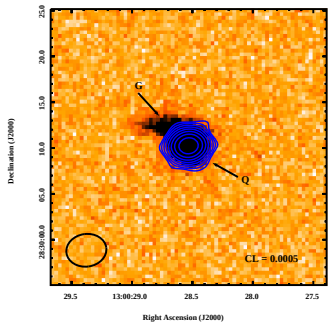
(r) J1243+4043



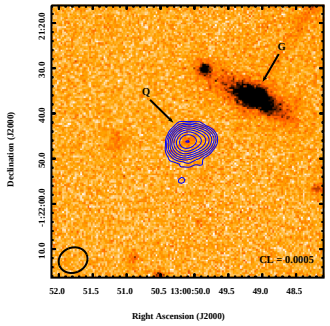
(s) J1243+1622



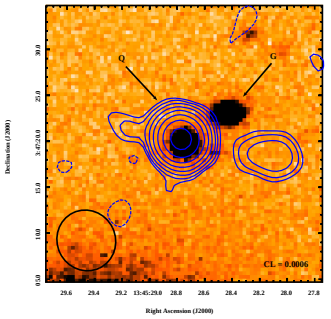
(t) J1254+0546



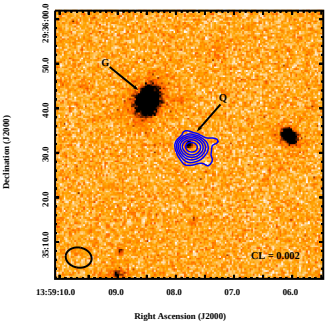
(u) J1300+2830



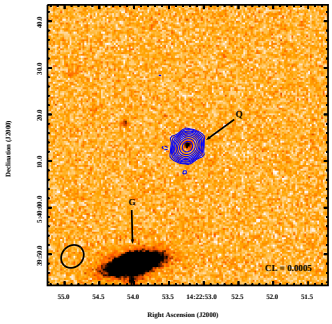
(v) J1300−0121



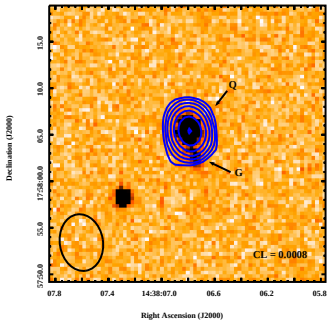
(w) J1345+0347



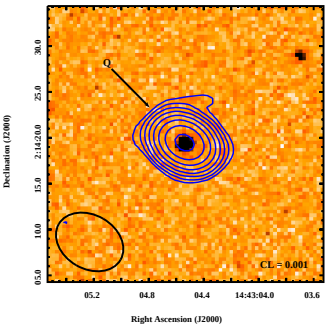
(x) J1359+2935



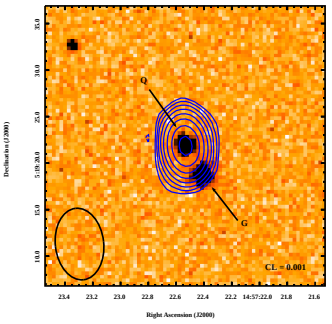
(y) J1422+0540



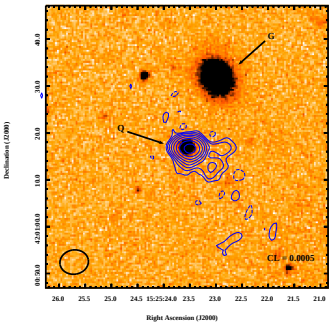
(z) J1438+1758



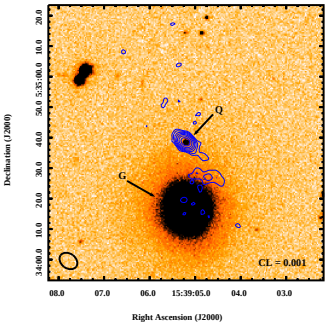
(aa) J1443+0214



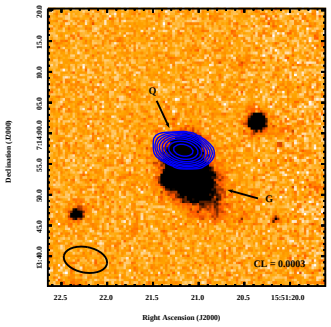
(ab) J1457+0519



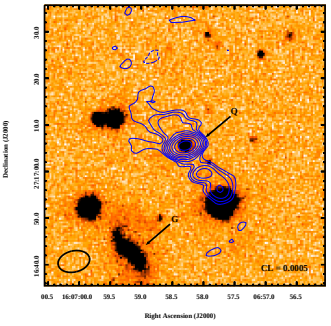
(ac) J1525+4201



(ad) J1539+0534

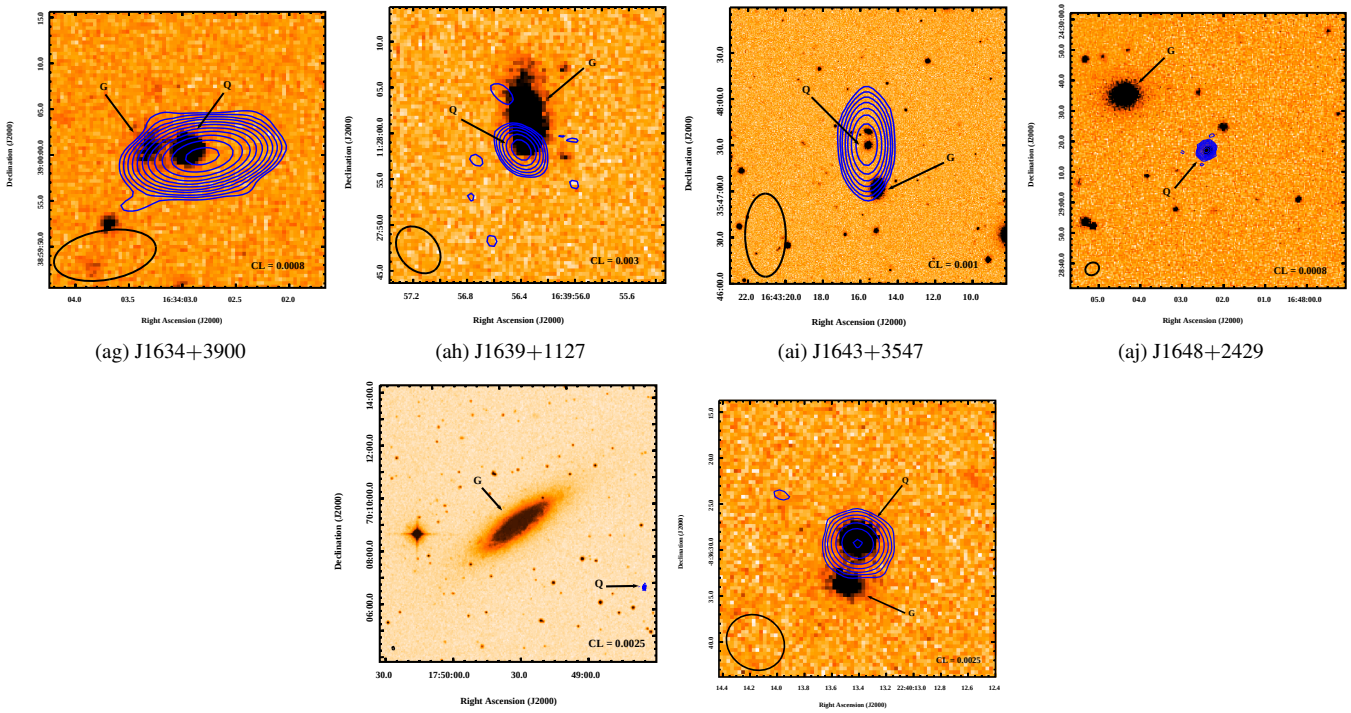


(ae) J1551+0713



(af) J1606+2717

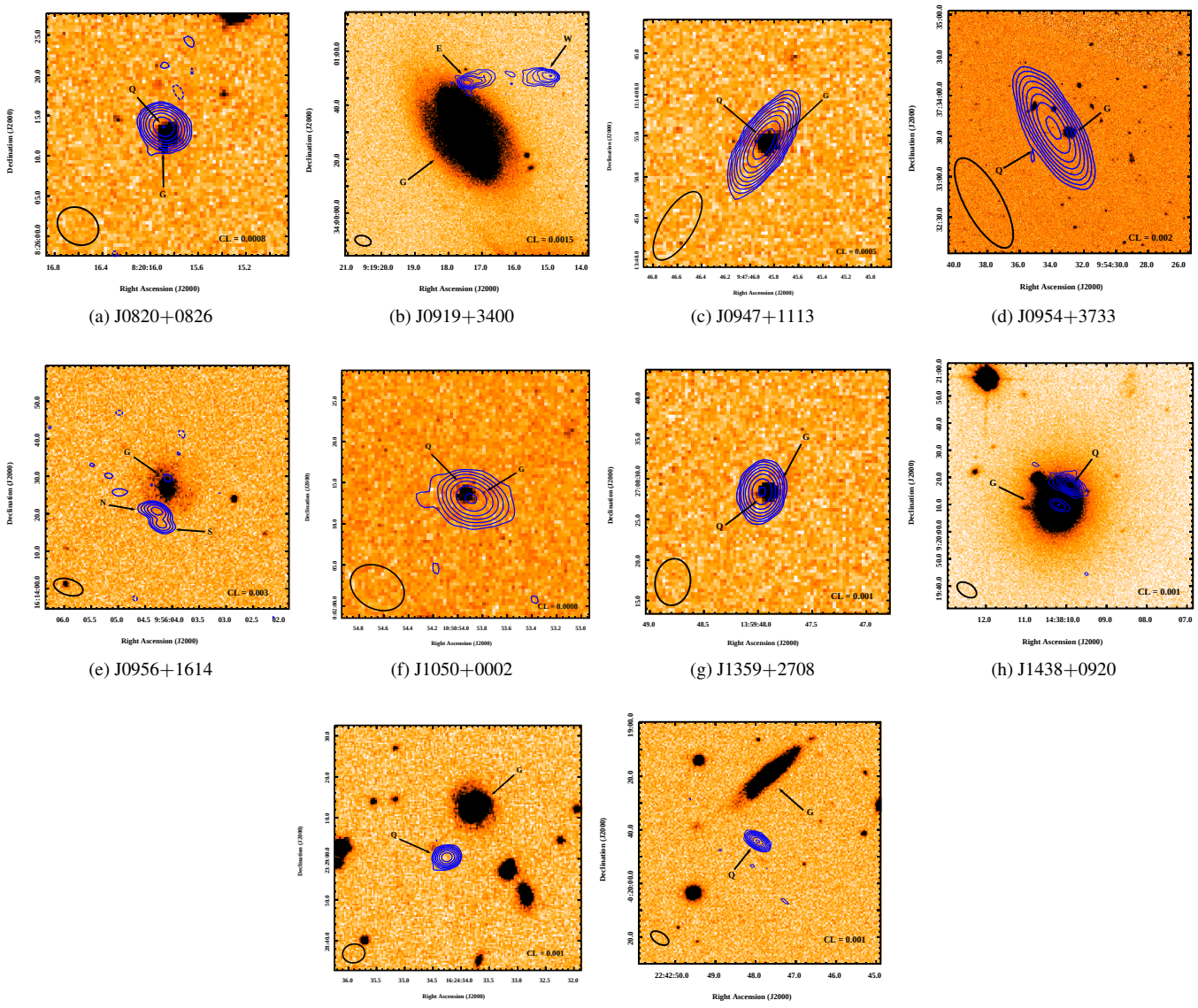
Figure G1. Continued from previous page.



(ag) J1634+3900 (ah) J1639+1127 (ai) J1643+3547 (aj) J1648+2429

(ak) J1749+7008 (al) J2240−0836

Figure G1. Continued from previous page.

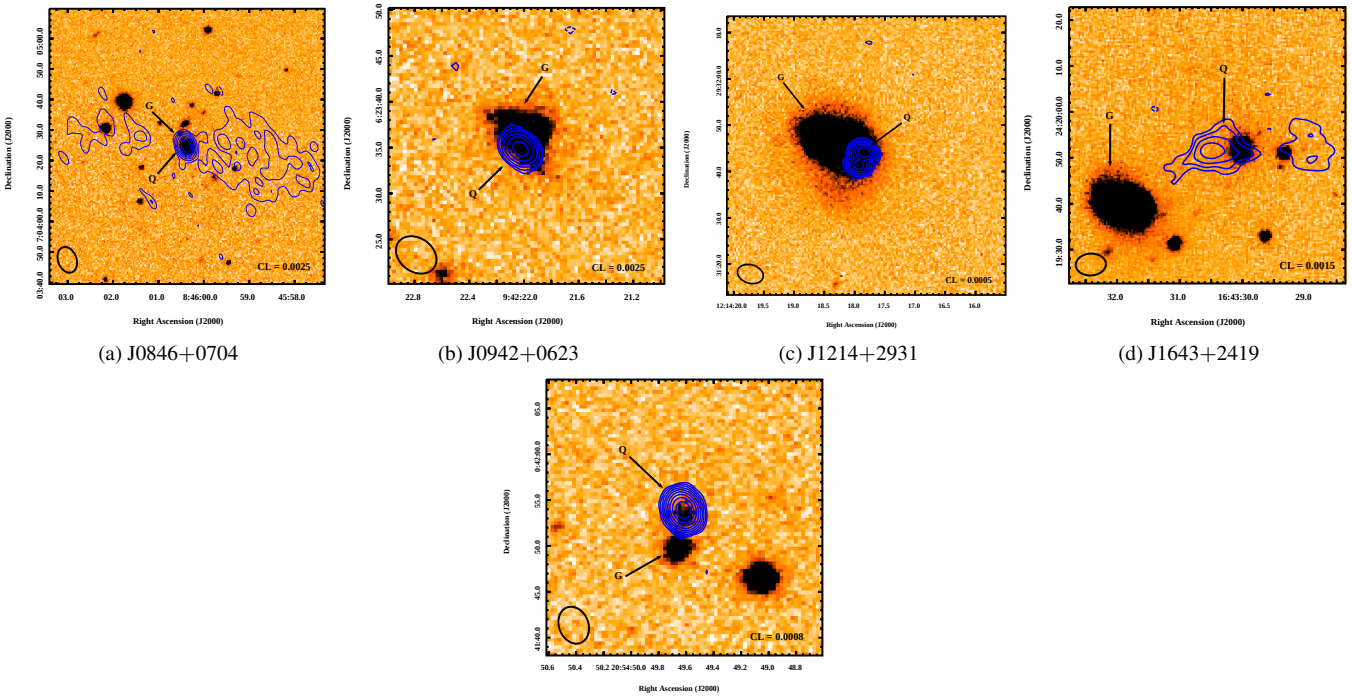


(a) J0820+0826 (b) J0919+3400 (c) J0947+1113 (d) J0954+3733

(e) J0956+1614 (f) J1050+0002 (g) J1359+2708 (h) J1438+0920

(i) J1623+2329 (j) J2242−0019

Figure G2. Same as in Fig. G1 for the sources in the supplementary sample.



(a) J0846+0704 (b) J0942+0623 (c) J1214+2931 (d) J1643+2419

(e) J2054+0041

Figure G3. Same as in Fig. G1 for the sources in the miscellaneous sample.