Ionosphere subtraction with ionFR, 10cm band marginalization of  $\psi_{0,1,2}$ J0437-4715 J1125-6014 J1824-2452 J0613-0200 J1545-4550 J1857+0943 J0614-3329 J1600-3053 J1909-3744 J0711-6830 J1603-7202 J1939+2134 J1017-7156 J1643-1224 J2145-0750 J1022+1001 J1713+0747 J2241-5236 S<sub>a</sub>/rad 95% upper limit J1024-0719 J1730-2304 Combined J1045-4509 J1744-1134 -3-21-20 $\log_{10} m_a / \text{eV}$