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Multifrequency VLBI detection of supermassive black hole binaries at millimeter wavelengths

Direct detection of supermassive black hole binaries (SMBHBs)—via resolved imaging of dual sources and precise orbital tracking—demands extreme astrometric precision (1 2 Linking SMBHB evolution (from 2 Linking SMBHB evolution to 2 Linking SMBHB evolution (from 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 2 2 Linking SMBHB occurrence, a 86 GHz VLBI system achieving 40 2 $^$

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