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R&D, Manufacture and Installation for ASKAP and DVAC Primary Design

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CETC54 experiences of ASKAP (Australian Square Kilometre Array Pathfinder) antennas mass production from design, manufacturing to commission in unattended area are firstly presented. The primary design of DVAC (Chinese Dish Verification Antenna) is introduced based on SKA Dish Verification Antenna System Functional Specifications. The R&D, construction and commission experiences of other radio telescope antennas are also described.

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