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Abstract:

Our recent observation using Large High Altitude Air Shower Observatory (LHAASO)-KM2A detectors found an extended source at 25-100TeV with a significance of 8.1σ . Pulsars are one of the potential candidates to power the diffuse TeV sources. We expect to search for the nearby area of this TeV source by FAST to dig out the further association of pulsars and Ultra-high energy emission.