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The impact of the broadband VLBI on the next decade

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The Kashima 34 m radio telescope, the cassegrain optics is currently realized 3.2GHz to 14 GHz receiver system by installing the NINJA feed. Furthermore a direct sampler GALAS easily connect four 1GHz bandwidth without any analogue frequency converter and phase-cal. VGOS, EHT and other astronomy VLBI highly demand broadband system for better delay determination, shorter integration time and better SNR. We will report our progress of developing broadband system and recent results.

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